Magyarország (Hungary): Trusted List

NEMZETI MÉDIA- ÉS HÍRKÖZLÉSI HATÓSÁG

1. Scheme Information

TSL version identifier: 5

TSL sequence number: 33

TSL type: http://uri.etsi.org/TrstSvc/TrustedList/TSLType/EUgeneric

> *A TL implementation of a supervision/accreditation status list of trust services from trust service providers which are supervised/accredited by the referenced Member State owning the TL implementation for compliance with the relevant provisions laid down in the applicable European legislation, through a process of direct oversight (whether voluntary or regulatory).*

Scheme operator name:

English: National Media and Infocommunications Authority, Hungary

Hungarian: Nemzeti Média- és Hírközlési Hatóság

Scheme operator address:

Postal address (English):

Street address: Ostrom u. 23-25.

Locality: Budapest

Postal code: 1015

Country name: HU

Electronic address

Hungarian: http://www.nmhh.hu

English: mailto:TLoperator@nmhh.hu

English: http://english.nmhh.hu

Scheme name:

English:

HU:Trusted list including information related to the qualified trust service providers which are supervised by the issuing Member State, together with information related to the qualified trust services provided by them, in accordance with the relevant provisions laid down in Regulation (EU) No 910/2014 of the European Parliament and of the Council of 23 July 2014 on electronic identification and trust services for electronic transactions in the internal market and repealing Directive 1999/93/EC.

Hungarian:

HU:"A belső piacon történő elektronikus tranzakciókhoz kapcsolódó elektronikus azonosításról és bizalmi szolgáltatásokról, valamint az 1999/93/EK irányelv hatályon kívül helyezéséről" szóló, 2014. július 23-i 910/2014/EU európai parlamenti és tanácsi rendeletben meghatározott releváns rendelkezések szerinti, a kiállító tagállam által felügyelt minősített bizalmi szolgáltatókkal kapcsolatos adatokat, valamint az általuk biztosított minősített bizalmi szolgáltatásokkal kapcsolatos adatokat tartalmazó Bizalmi Lista.

Scheme information URI:

English:
http://www.nmhh.hu/tl/en/index.html

Hungarian:
http://www.nmhh.hu/tl/hu/index.html

Status determination approach:	http://uri.etsi.org/TrstSvc/TrustedList/StatusDetn/EUappropriate *Services listed have their status determined by or on behalf of the Scheme Operator under an appropriate system as defined by the Member State implementation of the applicable European legislation and further described in the 'Scheme information URI' pointed-to information.*
Scheme type community rules:	*English:* http://uri.etsi.org/TrstSvc/TrustedList/schemerules/EUcommon *English:* http://uri.etsi.org/TrstSvc/TrustedList/schemerules/HU
Scheme territory:	HU
Policy or legal notice:	*Legal notice (English):* The applicable legal framework for the present trusted list is Regulation (EU) No 910/2014 of the European Parliament and of the Council of 23 July 2014 on electronic identification and trust services for electronic transactions in the internal market and repealing Directive 1999/93/EC. *Legal notice (Hungarian):* Jelen Bizalmi Listára az irányadó jogi keretrendszer a belső piacon történő elektronikus tranzakciókhoz kapcsolódó elektronikus azonosításról és bizalmi szolgáltatásokról, valamint az 1999/93/EK irányelv hatályon kívül helyezéséről szóló, 2014. július 23-i 910/2014/EU európai parlamenti és tanácsi rendelet.
Historical information period:	65 535 (day)
Pointers to other TSL:	

Other TSL pointer 1/1

Service digital identity:

Version:
3
Serial number:
505 234 932 823 532 549 198 528 995 630 307 842 349 301 805 796 (decimal)
Signature algorithm:
SHA1withRSA (1.2.840.113549.1.1.5)
Subject:
CN=EC_CNECT,OU=DG CONNECT,O=European
Commission,L=Etterbeek,ST=Brussel,C=BE
Issuer:
CN=QuoVadis EU Issuing Certification Authority G2,OU=Issuing Certification
Authority,O=QuoVadis Trustlink B.V.,C=NL
Subject key identifier:
41 7F 78 5E C0 C5 CD 01 4D 89 21 A9 6E 84 2A 07 9D CC 8B 20
Authority key identifier:
E0 F8 0E F9 D4 B5 F2 7F 49 23 B6 C3 79 C7 A3 35 1F 86 7A 88
Valid from:
2015-12-04T12:09:35.000Z   (04 Dec 2015 13:09:35 CET)
Valid to:
2018-12-04T12:09:24.000Z   (04 Dec 2018 13:09:24 CET)

Key usage:

nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

4B:78:8C:05:93:2D:0C:EA:88:F7:A8:4A:52:CE:CA:04:EF:7C:93:73

SHA-256:

59:C8:0D:CC:74:29:CC:FD:8C:2B:15:90:FE:88:5F:B4:F6:C7:7F:7C:9C:BB:4B:82:A6:2C:B1:C2:7F:F4:E2:46

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100B574283E63F80CF4990CAB8771E72A5FA76EACA29CCC0BA212299B640BAE3A0310F4FEE0D842
16AC00AEC0D2D72B11578A4C4E4895A0FA7632B49FEDCBED678D86BC366869E0C61CE14A05DD6CD00A2CFADDAB4AF4
0B8D38CACE0C16801AB40D62A5F2B847ADFA2E4D6A26D160F12DA6D5F3A18D0F89FE99BF7A9AB819422677FB91B1A4
1EAF6C87CB045E731A5868E6D041E76BC3538752E39F309BE8DD9C6A9403B7E451AD488179EDD83124F7168DE42904
CA681BEF718009E0C82CFFDF83BF09B9D9D21A31CD6F68FD4C3767545B8E445832AD6917D5F5F964032D224FC3FCAA
F524C869F55C15E733F832A213AAF5C49A3F4F6F3CC5FA02B9853E54128B0203010001

Certificate policies:

0.4.0.1456.1.2

1.3.6.1.4.1.8024.1.400

cPSuri = http://www.quovadisglobal.nl/documenten

CRL distribution points:

http://crl.quovadisglobal.com/qveucag2.crl

PEM format:

```
-----BEGIN CERTIFICATE-----
MIIGdDCCBGigAwIBAgIUWH+El24rfQt9YeTtrAZC9UzssuQwDQYJKoZIhvcNAQEFBQAwgZIxCzAJ
BgNVBAYTAk5MMSAwHgYDVQQKExdRdW9WYWRpcyBUcnVzdGxpbmcgQi5WLjEoMCYGA1UECxMfSXNz
dWluZyBDZXJ0aWZpY2F0aW9uIEF1dGhvcml0eTE3MDUGA1UEAxMuUXVvVmFkaXMgRVUgSXNzdWlu
ZyBDZXJ0aWZpY2F0aW9uIEF1dGhvcml0eSBHMjAeFw0xNTEyMDQxMjA5MzVaFw0xODEyMDQxMjA5
MjRaMHkxCzAJBgNVBAYTAkJFMRAwDgYDVQQIEwdCcnVzc2VsMRIwEAYDVQQHEwlFdHRlcmJlZWsx
HDAaBgNVBAoTE0V1cm9wZWFuIENvbW1pc3Npb24xFDASBgNVBAsTCkRHIENPTk5FQ1QxDzENBgNV
BAMMCEVDX0NORUNUMIIBIjANBgkqhkiG9w0BAQEFAAOCAQ8AMIIBCgKCAQEAtXQoPmP4DPSZDKuH
cecqX6durKKczAuiEimbZAuuOgMQ9P7g2EIWrACuwNLXKxFXikxOSJWg+nYytJ/ty+1njYa8Nmhp
4MYc4UoF3WzQCiz63atK9AuNOMrODBaAGrQNYqXyuEet+i5NaibRYPEtptXzoY0Pif6Zv3qauBlC
Jnf7kbGkHq9sh8sEXnMaWGjm0EHna8NTh1LjnzCb6N2capQDt+RRrUiBee3YMST3Fo3kKQTKaBvv
cYAJ4Mgs/9+Dvwm52dIaMc1vaP1MN2dUW45EWDKtaRfV9flkAy0iT8P8qvUkyGn1XBXnM/gyoh0q
9cSaP09vPMX6ArmFP1QSiwIDAQABo4IB5DCCAeAwWAYDVR0gBFEwTzAIBgYEAIswAQUwQwYKKwYB
BAG+WAGDEDA1MDMGCCsGAQUFBwIBFidodHRwOi8vd3d3LnF1b3ZhZGlzZ2xvYmFsLm5sL2RvY3Vt
ZW50ZW4wJAYIKwYBBQUHAQMEGDAWMAoGCCsGAQUFBwsCMAgGBgQAjkYBATB0BggrBgEFBQcBAQRo
MGYwKgYIKwYBBQUHMAGGGHmh0dHA6Ly9vY3NwLnF1b3ZhZGlzZ2xvYmFsLmNvbTA4BggrBgEFBQcw
AoYsaHR0cDovL3RydXN0MLnF1b3ZhZGlzZ2xvYmFsLmNvbS9xdmV1Y2FnMi5jcnQwRgYKKoZIhvcv
AQEJAQQ4MDYCAQGGMWh0dHA6Ly90c2EwMS5sxdW92YWRpc2dsb2JhbC5jb20vVFNTL0h0dHBUc3BT
ZXJ2ZXIxIwEwYKKoZIhvcvAQEJAgQFMAMCAQEwDgYDVR0PAQH/BAQDAgZAMB8GA1UdIwQYMBaAFOD4
DvnUtfJ/SSO2w3nHozUfhnqIMDsGA1UdHwQ0MDIwMKAuoCyGKmh0dHA6Ly9jcmwucXVvdmFkaXNn
bG9iYWwuY29ntL3F2ZXVjYWcyLmNybDAdBgNVHQ4EFgQUQX94XsDFzQFNiSGpboQqB53MiyAwDQYJ
KoZIhvcNAQEFBQADggIBAJfRbSpp2RTfVtyu4G1TDVXE6RgoIQ5XrUASAmhDWktT5PJReSg5INMF
xi3jSPAO7p29bEU32wllZGPVN+A9b2SZmhHyYx9ZoBTMekKlx0qHkU4FfcicIznXo9EVplMtgjpl
qRltiLqxwXU5uIxKJ2R6BJwjokUWcpeilifs14SgAve8firXwiG1kFcoClfLjyj4SuDFxT+0e/dh
fGfQMfvVBp4xa5tOGYDS7kzf7xvftYlPHW1AbEzjuPmViGgen8ZD/WkuqzdygizOocFQNshGH/mF
nQxT4ILAubWJX5gcvmjaZ9N/Lxh041Ra2s8YK5l1DHBcZzz6y2j9OhxPgCvzz3/71DsiGVaK/TO5
HxJNcjKlkBblXE4dgy3wqjpUzqkVltC+XLi23Ljny4tenz0QNOx3SQBA1R/hZE5QKD0L0w0c4Np1
VxGZbCWGFqta8KKhEA19KlW03Yix9aqe86iNKoJm3n/4BBgdYGu5c+DnqKWj3D7NnxCVZwuLOKzW
SCEisl2kHdgnZ3Qix5Vc5QYWexSHeQfCuJAARCDvhdn0idUyiZRnQ6R4VHt0GgNQcYKrmz+UdEro
SeQCuSvXIh+LIEJpayWSo9vxi30gO2IRSi+7Kh5h7LAfWcIwpVY8u0BpRoNJg5xMjvF49GDJc1Qe
KdlqCBm05N4c2d5t5/aa
-----END CERTIFICATE-----
```

Service digital identity:

Version:

3

Serial number:

694 395 474 722 160 626 358 886 281 620 874 695 673 047 986 886 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

CN=EC_DIGIT,OU=Informatics,O=European
Commission,L=Etterbeek,ST=Brussel,C=BE

Issuer:

CN=QuoVadis EU Issuing Certification Authority G2,OU=Issuing Certification Authority,O=QuoVadis Trustlink B.V.,C=NL

Subject key identifier:

37 37 86 02 05 25 30 DA 98 31 1E 41 CC C8 EC BA 2D E2 E6 95

Authority key identifier:

E0 F8 0E F9 D4 B5 F2 7F 49 23 B6 C3 79 C7 A3 35 1F 86 7A 88

Valid from:

2013-10-30T12:27:11.000Z   (30 Oct 2013 13:27:11 CET)

Valid to:

2016-10-30T12:27:11.000Z   (30 Oct 2016 13:27:11 CET)

Key usage:

nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

D5:44:56:29:05:70:58:26:FD:1E:13:32:A3:3C:25:69:88:35:7A:3C

SHA-256:

F1:BC:DD:11:7B:15:54:17:38:13:A4:21:83:C5:4D:B9:7E:3A:7E:10:9D:0A:FA:98:F4:BC:D3:26:75:4A:03:51

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100982492ABC99996A49D00BB73A1FA2C4AF7746B50E487CE0771C0659C4E65B6FCB5D33528C4CE
DEC0227C90B91CD15E216774EF6EEE663F95E6406B52FDFACC4B3E57188DD7224199C2739D7E09D930B23DF2E4D8D4
442C6BBAE55C2B2B65A1A7C70B2C035CFBAA509FFE702A1DB77A1666DB598B5DC89C67CC2192C5066FF87CA7A3437B
5704943EAF78D73D0B0C0AD904F41B499088461C86A8C992AC98F0711A93CB7E09B202E11AE1CB18771C8D5F08AD16
292F498DB3D015BBC699FA4166E2CF6196333F851722A7C155872DCA875C4809D27E6CBAB7248CAA95524618D19F82
8FD047C796AEC473E1F79F0BAAC5DD0CE2F4C99599BE5F0609073105CC5B0203010001

Certificate policies:

0.4.0.1456.1.2

1.3.6.1.4.1.8024.1.400

cPSuri = http://www.quovadisglobal.nl/documenten

CRL distribution points:

http://crl.quovadisglobal.com/qveucag2.crl

PEM format:

```
-----BEGIN CERTIFICATE-----
MIIGgTCCBGmgAwIBAgIUeaHFHm5f58zYv20JfspVJ3hossYwDQYJKoZIhvcNAQEFBQAwgZIxCzAJ
BgNVBAYTAk5MMSAwHgYDVQQKExdRdW9WYWRpcyBUcnVzdGxpbmsgQi5WLjEoMCYGA1UECxMfSXNz
dWluZyBDZXJ0aWZpY2F0aW9uIEF1dGhvcml0eTE3MDUGA1UEAxMuUXVvVmFkaXMgRVUgSXNzdWlu
ZyBDZXJ0aWZpY2F0aW9uIEF1dGhvcml0eSBHMjAeFw0xMzEwMzAxMjI3MTFaFw0xNjEwMzAxMjI3
MTFaMHoxCzAJBgNVBAYTAkJFMRAwDgYDVQQIEwdCcnVzc2VsMRIwEAYDVQQHEwlFdHRlcmJlZWsx
HDAaBgNVBAoTE0V1cm9wZWFuIENvbW1pc3Npb24xFDASBgNVBAsTC0luZm9ybWF0aWNzMREwDwYD
VQQDDAhFQ19ESUdJVDCCASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAJgkkqvJmZaknQC7
c6H6LEr3dGtQ5IfOB3HAZZx0Zbb8tdM1KMTO3sAifJC5HNFeIWd0727uZj+V5kBrUv36zEs+VxiN
1yJBmcJznX4J2TCyPfLk2NRELGu65VwrK2Whp8cLLANc+6pQn/5wKh23ehZm21mLXcicZ8whksUG
b/h8p6NDe1cElD6veNc9CwwK2QT0G0mQiEYchqjJkqyY8HEak8t+CbIC4Rrhyxh3HI1fCK0WKS9J
jbPQFbvGmfpBZuLPYZYzP4UXIqfBVYctyodcSAnSfmy6tySMqpV5RhjRn4KP0EfHlq7Ec+H3nwuq
xd0M4vTJlZm+XwYJBzEFzFsCAwEAAaOCAeQwggHgMFgGA1UdIARRME8wCAYGBACLMAECMEMGCisG
AQQBvlgBgxAwNTAzBggrBgEFBQcCARYnaHR0cDovL3d3dy5xdW92YWRpc2dsb2JhbC5jb20vcmVw
bWVudGUGVuMCQGCCsGAQUFBwEDBBgwFjAKBggrBgEFBQcLAjAIBgYEAI5GAQEwdAYIKwYBBQUHAQEE
aDBmMCoGCCsGAQUFBzABhh5odHRwOi8vb2NzcC5xdW92YWRpc2dsb2JhbC5jb20vQAYIKwYBBQUH
MAKGLGh0dHA6Ly90cnVzdC5xdW92YWRpc2dsb2JhbC5jb20vcXZldWNhZyIuY3J0MEYGCiqGSIb3
LwEBCQEEODA2AgEBhjFodHRwOi8vdHNhMDEucXVvdmFkaXNnbG9iYWwuY29tL1RTUy9IdHRwVHNw
U2VydmVyMBMGCiqGSIb3LwEBCQIEBTADAgEBMA4GA1UdDwEB/wQEAwIGQDAfBgNVHSMEGDAWgBTg
+A751LXyf0kjtsN5x6M1H4Z6iDA7BgNVHR8ENDAyMDCgLqAshipodHRwOi8vY3JsLnF1b3ZhZGlz
Z2xvYmFsLmNvbS9xdmV1Y2FnMi5jcmwwHQYDVR0OBBYEFDc3hgIFJTDamDEeQczI7Lot4uaVMA0G
CSqGSIb3DQEBBQUAA4ICAQAZ8EZ48RgPimWY6s4LjZf0M2MfVJmNh06Jzmf6fzwYtDtQLKzIDk8Z
tosqYpNNBoZIFICMZguGRAP3kuxWvwANmrb5HqyCzXThZVPJTmKEzZNhsDtKu1almYBszqX1UV7I
gZp+jBZ7FyXzXrXyFltzXQxHGobDV3AEE8vdzEZtwDGpZJPnEPCBzifdY+lrrL2rDBjbv0Veildg
OP1SIlL7dh1O9f0T6T4ioS6uSdMt6b/OWjqHadsSpKry0A6pqf0qJWAhDiueqgVB7vus6o6sSmfG
4SW9EWW+BEZ510HjlQU/JL3PPmf+Xs8s00sm77LJ/T/lhMUuGp6TtDsJe+pPBpCYvpm6xu9GL20C
sArFWUeQ2MSnE1jsrb00UniCKslcM63pU7I0VcnWMJQSNY28OmnFESPK6s6zqoN0ZMLhwCVnahi6
pouBwTb10M9/Anla9xOT42qxiLr14S2lHyl8aLiBSQ4zJKNLqKvIrkjewSfW+00VLBYbPTmtrHpZ
UWiCGiRS2SviuEmPVbdWvsBUaq7OMLIfBD4nin1FlmYnaG9TVmWkwVYDsFmQepwPDqjPs4efAxzk
gUFHWn0gQFbqxRocKrCsOvCDHOHORA97UWcThmgvr0Jl7ipvP4Px//tRp08blfy4GMzYls5WF8f6
JaMrNGmpfPasd9NbpBNp7A==
-----END CERTIFICATE-----
```

Service digital identity:

Version:

3

Serial number:

21 267 647 932 559 079 066 510 326 516 695 893 879 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

SERIALNUMBER=60021211919,GIVENNAME=Pierre
André,SURNAME=Damas,CN=Pierre Damas (Signature),C=BE

Issuer:

SERIALNUMBER=201306,CN=Citizen CA,C=BE

Subject key identifier:

not present

Authority key identifier:

C3 0F C3 72 4D 3F DE B2 38 DE 39 2E 47 64 50 FF F2 8F F3 C7

Valid from:

2013-07-17T17:44:08.000Z   (17 Jul 2013 19:44:08 CEST)

Valid to:

2018-07-13T23:59:59.000Z   (14 Jul 2018 01:59:59 CEST)

Key usage:

nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

5E:9F:A7:C8:73:6C:86:E3:86:64:BA:1A:F0:D0:42:43:75:EE:5C:3C

SHA-256:

FF:EA:7F:0E:D2:9B:EB:07:73:EA:3B:0C:47:29:BB:F8:00:A6:C3:90:B6:21:95:CB:27:0F:12:A4:AA:62:F2:84

Public key:

<div align="center">Algorithm, key length:</div>

RSA, 1024

<div align="center">Key value:</div>

308189028181008CBFEEC3BE1CCBC06DE9AE2AD40C6698452DBE8C166D3767185EE968292A80739439F0512693482C
65117EFF8764B7C8600AF6C1729986E8572F4DF37141BC4F5FCF32630A4162C5A7277683E4FE10ACDDBE7D9C70C5F5
F1451717FADDF4201A6BF96605BFF1A1261A05A342D651E842E1ECAF9CC7CFE09FCC4784C695046B730203010001

Certificate policies:

2.16.56.9.1.1.2.1

cPSuri = http://repository.eid.belgium.be

CRL distribution points:

http://crl.eid.belgium.be/eidc201306.crl

PEM format:

```
-----BEGIN CERTIFICATE-----
MIID/DCCAuSgAwIBAgIQEAAAAAAAWgS4SGkJJUcHdzANBgkqhkiG9w0BAQUFADAzMQswCQYDVQQG
EwJCRTETMBEGA1UEAxMKQ2l0aXplbiBDQTEPMA0GA1UEBRMGMjAxMzA2MB4XDTEzMDcxNzE3NDQw
OFoXDTE4MDcxMzIzNTk1OVowbjELMAkGA1UEBhMCQkUxITAfBgNVBAMTGFBpZXJyZSBEYW1hcyAo
U2lnbmF0dXJlKTEQMAwGA1UEBBMFRGFtYXMxFjAUBgNVBCoMDVBpZXJyZSBBBbmRyw6kxFDASBgNV
BAUTCzYwMDIxMjExExOTE5MIGfMA0GCSqGSIb3DQEBAQUAA4GNADCBiQKBgQCMv+7DvhzLwG3prirU
DGaYRS2+jBZtN2cYXuloKSqAc5Q58FEmk0gsZRF+/4dkt8hgCvbBcpmG6FcvTfNxQbxPX88yYwpB
YsWnJ3aD5P4QrN2+fZxwxfXxRRcX+t30IBpr+WYFv/GhJhoFo0LWUehC4eyvnMfP4J/MR4TGlQRr
cwIDAQABo4IBUzCCAU8wHwYDVR0jBBgwFoAUww/Dck0/3rI43jkuR2RQ//KP88cwbgYIKwYBBQUH
AQEEYjBgMDYGCCsGAQUFBzAChipodHRwOi8vY2VydHMuZWlkLmJlbGdpdW0uYmUvYmVsZ2l1bXJz
Mi5jcnQwJgYIKwYBBQUHMAGGGmh0dHA6Ly9vY3NwLmVpZC5iZWxnaXVtLmJlMEQGA1UdIAQ9MDsw
OQYHYDgJAQECATAuMCwGCCsGAQUFBwIBFiBodHRwOi8vcmVwb3NpdG9yeS5laWQuYmVsZ2l1bS5i
ZTA5BgNVHR8EMjAwMC6gLKAqhihodHRwOi8vY3JsLmVpZC5iZWxnaXVtLmJlL2VpZGMyMDEzMDYu
Y3JsMA4GA1UdDwEB/wQEAwIGQDARBglghkgBhvhCAQEEBAMCBSAwGAYIKwYBBQUHAQMEDDAKMAgG
BgQAjkYBATANBgkqhkiG9w0BAQUFAAOCAQEAEE3KGmLX5XXqArQwIZQmQEE6orKSu3alz8ey1txs
ZC4rMk1vpvC6MtsfDaU4N6ooprhcM/WAlcIGOPCNhvxV+xcY7gUBwa6myiClnK0CMSiGYHqWcJG8
ns13B9f0+5PJqsoziPoksXb2A9VXkr5aEdEmBYLjh7wG7GwAuDgDT0v87qtphN02/MAlJcNqT3JU
UAotD7yfEybmK245jKo+pTYeCHGh7r1HzVWhbUDcQ/e1PpQXjVqBmr4k1ACtuu4H19t6K1P5kf7t
a5JFEJPFgy3Hxt6YqzoY07WTVEpS4gJqtleIdX1Fhse7jq83ltcCzlfysBRqY/okUzipo1rbQw==
-----END CERTIFICATE-----
```

<div align="center">Service digital identity:</div>

Version:

3

Serial number:

21 267 647 932 559 078 025 136 389 726 459 194 295 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

SERIALNUMBER=83121424102,GIVENNAME=Maarten
Joris,SURNAME=Ottoy,CN=Maarten Ottoy (Signature),C=BE

Issuer:

SERIALNUMBER=201311,CN=Citizen CA,C=BE

Subject key identifier:

not present

Authority key identifier:

BC 2C D5 8D 1D 4F 76 17 7C 0C EF 6B 94 E8 F5 1E 75 16 63 61

Valid from:

2013-07-24T01:45:31.000Z   (24 Jul 2013 03:45:31 CEST)

Valid to:

2018-07-18T23:59:59.000Z   (19 Jul 2018 01:59:59 CEST)

Key usage:

nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

`00:D2:05:3D:E4:CB:4E:0E:3C:4A:E3:D6:F4:01:24:95:8C:48:BF:6E`

SHA-256:

`F7:BC:0D:16:4D:EC:8F:36:70:9A:BE:85:FC:57:02:2F:3B:16:84:70:0A:80:4C:36:8D:34:32:90:04:90:DF:CB`

Public key:

Algorithm, key length:

RSA, 1024

Key value:

`308189028181008DBAF54FC512624BA1E17F988BE728CA4ABB99B17C3E38328D6436F2E383A910A4CA7BAA273E3AF2`
`D088631B0CFFEFD076A105AB86796756036C161BE4AB317C19A4CEBF43F86B78F62595B7D220F8586781B39EC70096`
`D74F2DE90FFE340A3A83097A20A933BF6C29109230B5CE75545CEF33E5A413598D99C9698584532F950203010001`

Certificate policies:

2.16.56.9.1.1.2.1

cPSuri = http://repository.eid.belgium.be

CRL distribution points:

http://crl.eid.belgium.be/eidc201311.crl

PEM format:

```
-----BEGIN CERTIFICATE-----
MIID/TCCAuWgAwIBAgIQEAAAAAAAWcxEUPr16SDrtzANBgkqhkiG9w0BAQUFADAzMQswCQYDVQQG
EwJCRTETMBEGA1UEAxMKQ2l0aXplbiBDQTEPMA0GA1UEBRMGMjAxMzExMB4XDTEzMDcyNDAxNDUz
MVoXDTE4MDcxODIzNTk1OVowbzELMAkGA1UEBhMCQkUxIjAgBgNVBAMTGUlhYXJ0ZW4W4gT3R0b3kg
KFNpZZ25hdHVyZSkxDjAMBgNVBAQTBU90dG95MRYwFAYDVQQqEwlNYWFydGVuIEpvcmlzMRQwEgYD
VQQFEws4MzEyMTQyNDEwMjCBnzANBgkqhkiG9w0BAQEFAAOBjQAwgYkCgYEAjbr1T8USYkuh4X+Y
i+coykq7mbF8PjgyjWQ28uODqRCkynuqJz468tCIYxsM/+/QdqEFq4Z5ZlYDbBYb5KsxfBmkzr9D
+Gt49iWVt9Ig+FhngbOexwCW108t6Q/+NAo6gwl6IKkzv2wpEJIwtc51VFzvM+WkE1mNmclphYRT
L5UCAwEAAaOCAVMwggFPMB8GA1UdIwQYMBaAFLws1Y0dT3YXfAzva5To9R51FmNhMG4GCCsGAQUF
BwEBBGIwYDA2BggrBgEFBQcwAoYqaHR0cDovL2NlcnRzLmVpZC5iZWxnaXVtLmJlL2JlbGdpdW1y
czIuY3J0MCYGCCsGAQUFBzABhhpodHRwOi8vb2NzcC5laWQuYmVsZ2l1bS5iZTBEBgNVHSAEPTA7
MDkGB2A4CQEBAgEwLjAsBggrBgEFBQcCARYgaHR0cDovL3JlcG9zaXRvcnkuZWlkLmJlbGdpdW0u
YmUwOQYDVR0fBDIwMDAuoCygKoYoaHR0cDovL2NybC5laWQuYmVsZ2l1bS5iZS9laWRjMjAxMzEx
LmNybDAOBgNVHQ8BAf8EBAMCBkAwEQYJYIZIAYb4QgEBBAQDAgUgMBgGCCsGAQUFBwEDBAwwCjAI
BgYEAI5GAQEwDQYJKoZIhvcNAQEFBQADggEBAHNRipzOD4aXB7Oo4FgfBbWgPkmUGTqkz2jK9U2t
EWUbyQrhirgqhxK6YMAHBvzL+7BHouMEAuxycZG3ozAfEDRZiznFWyqS8QlnHUe0ThaAvs8v5wYO
UO7lJ6vnaNLLvQj7W3L5kCnEva5h0Jh9wMytlNp89dd02l7MD4BsidXoMN21AE8su39tBmNayLF6
YrFLe3Zob4fQCuIEbx/pj3kYIVC4WM7uuDx+QpEJdNBtB41o2q2JJFqusRP7W0phkxX7sPtYkot6
RXLdgaZNoB4YIRwGozIvcegydRVqpcYrvFSoppNHQqd8ZNzswjGzqBhlWYPsxdjjsxJiUyk7Tlc=
-----END CERTIFICATE-----
```

TSL location:

https://ec.europa.eu/information_society/policy/esignature/trusted-list/tl-mp.xml

TSL type:

http://uri.etsi.org/TrstSvc/TrustedList/TSLType/EUlistofthelists

Scheme operator name:

English: European Commission

Scheme type community rules:

http://uri.etsi.org/TrstSvc/TrustedList/schemerules/EUlistofthelists

Scheme territory:

EU

Mime type:

application/vnd.etsi.tsl+xml

List issue date time:	2016-07-28T13:00:00.000Z	(28 Jul 2016 15:00:00 CEST)
Next update:	2016-12-30T14:00:00.000Z	(30 Dec 2016 15:00:00 CET)
Distribution points:	http://www.nmhh.hu/tl/pub/HU_TL.xml	
	http://www.nmhh.hu/tl/pub/HU_TL.pdf	

2. Providers
2.1. MÁV Service Center Private Limited Company

Provider: 1

TSP name:	*English:*	MÁV Service Center Private Limited Company
	Hungarian:	MÁV Szolgáltató Központ Zártkörűen Működő Részvénytársaság
TSP trade name:	*English:*	MAV INFORMATIKA
	Hungarian:	MAV INFORMATIKA
	English:	VATHU-14130179
	Hungarian:	VATHU-14130179
	English:	MÁV INFORMATIKA Zrt.
	Hungarian:	MÁV INFORMATIKA Zrt.
	English:	MAV INFORMATIKA Kft.
	Hungarian:	MAV INFORMATIKA Kft.
	English:	MÁV Szolgáltató Központ Zrt.
	Hungarian:	MÁV Szolgáltató Központ Zrt.
	English:	MAV INFORMATIKA Zrt.
	Hungarian:	MAV INFORMATIKA Zrt.

TSP address:

Postal address (English):

Street address:	Krisztina krt. 37/a.
Locality:	Budapest
Postal code:	1012
Country name:	HU

Electronic address

Hungarian:	http://hiteles.mavinformatika.hu
English:	mailto:hiteles@mavinformatika.hu
English:	http://hiteles.mavinformatika.hu

TSP information URI: *English:*
http://hiteles.mavinformatika.hu

Hungarian:
http://hiteles.mavinformatika.hu

2.1.1. Trust&CA QKET v2.0 (Qualified certificates for public administration)

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/QC

> *A qualified certificate issuing trust service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services, and under which are provided the relevant and related revocation and certificate validity status information services (e.g. CRLs, OCSP responses) in accordance with EU Directive 1999/93/EC or with Regulation (EU) No 910/2014 whichever is in force at the time of provision. This may also include generation and/or management of the associated private keys on behalf of the certified entity.*

Service name:

English: Trust&CA QKET v2.0 (Qualified certificates for public administration)

Hungarian: Trust&CA QKET v2.0 (Minősített tanúsítványok közigazgatási használatra)

Service digital identity: *Subject key identifier:*

2F 44 75 98 5F A3 79 89 1E 98 46 0F 8E 79 09 9B AA A6 7E EF

Service digital identity: *Version:*

3

Serial number:

1 132 237 062 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

O=MÁV INFORMATIKA Zrt.,L=Budapest,C=HU,CN=Trust&CA QKET v2.0

Issuer:

CN=KGYHSZ (Public Administration Root CA - Hungary),C=hu

Subject key identifier:

2F 44 75 98 5F A3 79 89 1E 98 46 0F 8E 79 09 9B AA A6 7E EF

Authority key identifier:

C4 1B 6F BF 5A 96 BB F8 3F CC 17 78 BF 0E 6B E4 B7 71 56 57

Valid from:

2008-06-05T08:56:54.000Z   (05 Jun 2008 10:56:54 CEST)

Valid to:

2018-06-05T09:26:54.000Z   (05 Jun 2018 11:26:54 CEST)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = 0

Thumbprint:

SHA-1:

FD:1B:9A:A2:97:BC:44:C0:17:48:B6:7C:F9:20:BC:0A:D7:B4:F9:90

SHA-256:

00:63:6C:32:01:13:30:5C:ED:6E:7C:1E:36:4C:94:C3:0B:E7:29:B4:11:8F:2F:C1:3C:5F:F5:CA:E7:C9:C7:9B

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100D441F37B8885C29CC7F7AD1B83A93B6C605E4F31C992E0D41B694B3EE30BE17B30EBDB4ADC08
D9C6ACCF44D6BA3FCF1DD60F1136BFD0C6B82FA1843C962DCE7FEDCE0C81AAECF9C5C42CC37293CC3E9DAF3DA7A6DF
00C79D055E86A0CDF92DB6C25338237D34ED9B72F9E43916CF4029F931F45F290FB969F6500F5E0B49F5D2ECB2F01F
A5B2419D7A90759774B23A28FB21B1E4D4CFEE49A47826659CB88170797FB87C5CB0145FA81EA4A0F5F8A3C57BE35A
00664EA13D8C2AFB1393B4BFC65BC3DFB2785CA275676C21167AEF583DAEC5ABFDC23DCF580897C2BEFDD7E4769305
BCCFAFE5AD0DBE0CA9D2806BCD8FA14EDA6523466E44BEBD7B8458E2C4130203010001

Certificate policies:

0.2.216.1.100.42.1.200.2

cPSuri = http://cp.kgyhsz.gov.hu

userNotice = A hitelesítés-szolgáltató egyaránt jogosult közigazgatási felhasználásra szolgáló, hivatali aláíráshoz és ügyfél által használt aláíráshoz kapcsolódó tanúsítványok kibocsátására. Minden felelősség kizárva a hitelesítési rendben foglaltak szerint.

CRL distribution points:

http://crl.kgyhsz.gov.hu/KGYHSZ_CA_20060719.crl

PEM format:

```
-----BEGIN CERTIFICATE-----
MIIGQTCCBSmgAwIBAgIEQ3yRBjANBgkqhkiG9w0BAQUFADBIMQswCQYDVQQGEwJodTE5MDcGA1UE
AwwwS0dZSFNaIChQdWJsaWMgQWRtaW5pc3RyYXRpb24gUm9vdCBDQSAtIEh1bmdhcnkpMB4XDTA4
MDYwNTA4NTY1NFoXDTE4MDYwNTA5MjY1NFowXTEbMBkGA1UEAwwSVHJ1c3QmQ0EgUUtFVCB2Mi4w
MQswCQYDVQQGEwJIVTERMA8GA1UEBwwIQnVkYXBlc3QxHjAcBgNVBAoMFU3DgVYgSU5GT1JNQVRJ
S0EgWnJ0LjCCASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBANRB83uIhcKcx/etG40pO2xg
Xk8xyZLg1BtpSz7jC+F7MOvbStwI2casz0TWuj/PHdYPETa/0Ma4L6GEPJYtzn/tzgyBquz5xcQs
w3KTzD6drz2npt8Ax50FXoagzfkttsJTOCN9NO2bcvnkORbPQCn5MfRfKQ+5afZQD14LSfXS7LLw
H6WyQZ16kHWXdLI6KPshseTUz+5JpHgmZZy4gXB5f7h8XLAUX6gepKD1+KPFe+NaAGZOoT2MKvsT
k7S/xlvD37J4XKJ1Z2whFnrvWD2uxav9wj3PWAiXwr791+R2kwWBz6/lrQ2+DKnSgGvNj6FO2mUj
Rm5Evr17hFjixBMCAwEAAaOCAxwwggMYMA4GA1UdDwEB/wQEAwIBBjASBgNVHRMBAf8ECDAGAQH/
AgEAMIICSAYDVR0gBIICPzCCAjswggI3BgoCgVgBZCoBgUgCMIICJzAjBggrBgEFBQcCARYXaHR0
cDovL2NwLmtneWhzei5nb3YuaHUwggH+BggrBgEFBQcCAjCCAfAeggHsAEEAIABoAGkAdABlAGwA
ZQBzAOOAdADpAHMALQBzAHoAbwBsAGcAAQBsAHQAYQB0APMAIABlAGcAeQBhAHIA4QBuAHQAIABq
AGBAZwBvAHMAdQBsACAAaABvAGkAYQBpAGcAYQB0AOEAcwBpACAAZgBlAGwAaABhAHMA
egBuAOEAbADhAHMAcgBhACAAcwB6AG8AbABnAOEAbADzAACwAIABoAGkAdgBhAHQAYQBsAGkAIABh
AGwA4QDtAHIA4QBzAGgAbwB6ACAA6QBzACAA/ABnAHkAZgDpAGwAIABhAGwA4QDtAHIA4QBzAGGA
cwB6AG4A4QBsAHQAIABhAGwA4QDtAHIA4QBzAGgAbwB6ACAAawBhAHAAYwByAGZA8BADzAGQA8wAg
AHQAYQBuAPoAcwDtAHQA6QDhAG4AeQBvAGsAIABrAGkAYgBvAGMAcwDhAHQA4QBzAE0AcgBhAC4A
IABNAGkAbgBkAGUAbgAgAGYAZQBsAGUAbAFRAHHMAcwDpAGcAIABrAGkAegDhAHIAdgBhACAAYQAg
AGgAaQB0AGUAbABlAHMA7QB0AOkAcwBpAACgBlAG4AZABiAGUAbgAgAGYAbwBnAGwAYQBsAHQA
YQBrACAAcwB6AGUAcgBpAG4AdAAuMEAGA1UdHwQ5MDcwNaAzoDGGL2h0dHA6Ly9jcmwua2d5aHN6
Lmdvdi5odS9LR1lIU1pfQ0FfMjAwNjA3MTkuY3JsMCQGA1UdEQQdMBuBGWhpdGVsZXNAbWF2aW5m
b3JtYXRpa2EuaHUwHwYDVR0jBBgwFoAUxBtvv1qWu/g/zBd4vw5r5LdxVlcwHQYDVR00BBYEFC9E
dZhfo3mJHphGD455CZuqpn7vMA0GCSqGSIb3DQEBBQUAA4IBAQBhwZBQMLMiPvL1miCIFHFOhOw/
oae6evvPmck7VVk+L1rp/SLZHhPfEM8Fs+UBaZDKGhU9rEsV+Fh/6YewSrFp0tcXrFkEopSQ0YcI
Jmo07AyQwIpXEiU0M9B3VOp5qrYa7oKjQR8+jBk5IMbAKl0vchjcQaoEylZYb0bvaa9kagcYC8ku
JX7lNBJdL1+kfzFhQlrblVWP3PxgDyl1QCWZjDQ9AIez9KyjE9+9IQ0hCLAGITN/N66C3DiM4Azu
NJGfDlzHtzdZsnp3JIumKDi70mFub//jhPrsNoFPx/mbYBhqvoKM4g/PhzN3TXeo/uhWmmmfrnJE
wSAkBzpECW/q
-----END CERTIFICATE-----
```

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service information extensions:

Extension 1/1, non-critical:

<tsl:AdditionalServiceInformation xmlns:tsl="http://uri.etsi.org/02231/v2#"><tsl:URI xml:lang="en">http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/ForeSignatures </tsl:URI></tsl:AdditionalServiceInformation>

2.1.1.1. Trust&CA QKET v2.0 (Qualified certificates for public administration)

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/QC

A qualified certificate issuing trust service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services, and under which are provided the relevant and related revocation and certificate validity status information services (e.g. CRLs, OCSP responses) in accordance with EU Directive 1999/93/EC or with Regulation (EU) No 910/2014 whichever is in force at the time of provision. This may also include generation and/or management of the associated private keys on behalf of the certified entity.

Service name:

English: Trust&CA QKET v2.0 (Qualified certificates for public administration)

Hungarian: Trust&CA QKET v2.0 (Minősített tanúsítványok közigazgatási használatra)

Service digital identity: *Subject key identifier:*

2F 44 75 98 5F A3 79 89 1E 98 46 0F 8E 79 09 9B AA A6 7E EF

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/supervisionceased

The validity of the supervision assessment has lapsed without the service identified in "Service digital identity" (see clause 5.5.3) being re-assessed. The service is currently not under supervision any more from the date of the current status as the service is understood to have ceased operations. "Supervision Ceased" status shall be used when a TSP directly ceases its related services under supervision; it shall not be used when supervision has been revoked.

Status starting time: 2011-12-31T23:00:00.000Z   (01 Jan 2012 00:00:00 CET)

2.1.1.2. Trust&CA QKET v2.0 (Qualified certificates for public administration)

<div align="right">

Provider: 1
Service: 1
History: 2/2

</div>

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/QC

> *A qualified certificate issuing trust service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services, and under which are provided the relevant and related revocation and certificate validity status information services (e.g. CRLs, OCSP responses) in accordance with EU Directive 1999/93/EC or with Regulation (EU) No 910/2014 whichever is in force at the time of provision. This may also include generation and/or management of the associated private keys on behalf of the certified entity.*

Service name:

English: Trust&CA QKET v2.0 (Qualified certificates for public administration)

Hungarian: Trust&CA QKET v2.0 (Minősített tanúsítványok közigazgatási használatra)

Service digital identity: *Subject key identifier:*

2F 44 75 98 5F A3 79 89 1E 98 46 0F 8E 79 09 9B AA A6 7E EF

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2009-06-02T11:09:59.000Z   (02 Jun 2009 13:09:59 CEST)

2.1.2. Trust&Sign QCA v1.0

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/QC

A qualified certificate issuing trust service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services, and under which are provided the relevant and related revocation and certificate validity status information services (e.g. CRLs, OCSP responses) in accordance with EU Directive 1999/93/EC or with Regulation (EU) No 910/2014 whichever is in force at the time of provision. This may also include generation and/or management of the associated private keys on behalf of the certified entity.

Service name: *English:* Trust&Sign QCA v1.0

Hungarian: Trust&Sign QCA v1.0

Service digital identity: *Subject key identifier:*

86 15 21 0C 7E F1 D0 DF D5 34 A9 88 B0 5C 06 50 20 02 30 76

Service digital identity: *Version:*

3

Serial number:

4 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

EMAILADDRESS=ica@mavinformatika.hu,PostalCode=1012,STREET=Krisztina krt. 37/A,CN=Trust&Sign QCA v1.0,OU=PKI Services BU,O=MAV INFORMATIKA Kft.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=ica@mavinformatika.hu,PostalCode=1012,STREET=Krisztina krt. 37/A,CN=Trust&Sign Root CA v1.0,OU=PKI Services BU,O=MAV INFORMATIKA Kft.,L=Budapest,C=HU

Subject key identifier:

86 15 21 0C 7E F1 D0 DF D5 34 A9 88 B0 5C 06 50 20 02 30 76

Authority key identifier:

5E 36 20 08 4F AF 02 A4 71 CE EB E4 F0 0A 7D 3A 12 96 F5 42

Valid from:

2003-01-16T17:11:39.000Z   (16 Jan 2003 18:11:39 CET)

Valid to:

2013-01-15T10:00:00.000Z   (15 Jan 2013 11:00:00 CET)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = 2

Thumbprint:

SHA-1:

AA:E5:24:EA:CD:56:1A:AC:A3:A9:75:E9:B1:3E:36:75:71:5A:00:60

SHA-256:

04:35:25:59:96:74:3F:60:E1:5C:67:C3:A9:BD:A0:8E:27:BE:6D:85:AD:88:76:BF:D2:AD:2F:C5:91:FE:2B:42

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A028201010095B2BB6B2E4E3224055267A110CB008E85E987A211B4B13B0B1C4DC0ED92F81FE305C5C1FF00
C0D0482172DB1B5C3A6F39EEFBDB59AA6F0D3BA371C0F7E56AD0FEA81F07659EFD8949A61CA1BC769AA6858DB56BB2
EF6DB0B198C204B0E66CC98CA5BDBF5DCCEADCCB018BF5F590588CE8FFD7E07C4802C2AC737FACC171276AF036CD0E
46CF4B4D4792F68557781FAA98FA9C876AB61D665E4FEED0FCD1D80A2C475528D4A5C282C9A1736037658866B0D6BE
C68BFA7CF1EC77C2F216C8F82CB17EBAF61CA6396464B1AD8F22DE6585B660578D54769FA7E0E8F70BF4F659370463
D586057B50F1B81680262A7A5ACA193E00BC8A7E862A24515F9851F6A7CD0203010001

Certificate policies:

1.3.6.1.4.1.14868.1.2

cPSuri = http://cps.trust-sign.hu

userNotice = A tanusitvany ertelmezesehez es elfogadasahoz a Szolgaltato
HSzSz-eben foglaltak szerint kell eljarni, amelyek megtalalhatoak a kovetkezo
internetes web oldalon: http://www.trust-sign.hu

CRL distribution points:

http://crl.trust-sign.hu/RootCA.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIFyzCCBLOgAwIBAgIBBDANBgkqhkiG9w0BAQUFADCBzjELMAkGA1UEBhMCSFUxETAPBgNVBAcT
CEJlZGFwZXN0MR0wGwYDVQQKExRNQVYgSU5GT1JNQVRJS0EgS2Z0LjEYMBYGA1UECxMPUEtJIFNl
cnZpY2VzIEJVMSAwHgYDVQQDDBdUcnVzdCZTaWduIFJvb3QgQ0EgdjEuMDEcMBoGA1UECRMTS3Jp
c3p0aW5hIGtydC4gMzcvQTENMAsGA1UEERMMTAxMjEkMCIGCSqGSIb3DQEJARYVaWNhQG1hdmlu
Zm9ybWF0aWthLmh1MB4XDTAzMDExNjE3MTEzOVoXDTEzMDExNTEwMDAwMFowgcoxCzAJBgNVBAYT
AkhVMREwDwYDVQQHEwhCdWRhcGVzdDEdMBsGA1UEChMUTUFWIElORk9STUFUSUtBIEtmdC4xGDAW
BgNVBAsTD1BLSSBTZXJ2aWNlcyBCVTEcMBoGA1UEAwwTVHJ1c3QmU2lnbiBRQ0EgdjEuMDEcMBoG
A1UECRMTS3Jpc3p0aW5hIGtydC4gMzcvQTENMAsGA1UEERMMTAxMjEkMCIGCSqGSIb3DQEJARYV
aWNhQG1hdmluZm9ybWF0aWthLmh1MIIBIjANBgkqhkiG9w0BAQEFAAOCAQ8AMIIBCgKCAQEAlbK7
ay5OMiQFUmehEMsAjoXph6IRtLE7CxxNwO2S+B/jBcXB/wDA0EghctsbXDpvOe7721mqbw07o3HA
9+Vq0P6oHwdlnv2JSaYcobx2mqaFjbVrsu9tsLGYwgSw5mzJjKW9vl3M6tzLAYv19ZBYjOj/1+B8
SALCrHN/rMFxJ2rwNs00Rs9LTUeS9oVXeB+qmPqch2q2HWZeT+7Q/NHYCixHVSjUpcKCyaFzYDdl
iGaw1r7Gi/p88ex3wvIWyPgssX669hymOWRksa2PIt5lhbZgV4lUdp+n4Oj3C/T2WTcEY9WGBXtQ
8bgWgCYqelrKGT4AvIp+hiokUV+YUfanzQIDAQABo4IBtDCCAbAwHwYDVR0jBBgwFoAUXiYgCE+v
AqRxzuvk8Ap9OhKW9UIwHQYDVR0OBBYEFIYVIQx+8dDf1TSpiLBcBlAgAjB2MA4GA1UdDwEB/wQE
AwIBBjCCARIGA1UdIASCAQkwggEFMIIBAQYJKwYBBAH0FAECMIHzMCQGCCsGAQUFBwIBFhhodHRw
Oi8vY3BzLnRydXN0N0LXNpZ24uaHUwgcoGCCsGAQUFBwICMIG9GoG6QSB0YW51c2l0dmFueSBlcnRl
bGllmVzZWhleiBlcyBlbGZvZ2FkYXNhaG96IGEgU3pvbGdhbHRhdG8g8gSFN6U3otZWJlbiBmb2ds
YWx0YWsgc3plcmludCBrZWxsIGVsamFybmksIGFtZWx5ZWsgbWVndGFsYWxoYXRvYWsgYSBrb3Zl
dGtlem8gaW50ZXJuZXRlcyB3ZWIgb2xkYWxvbjogaHR0cDovL3d3dy50cnVzdC1zaWduLmh1MBIG
A1UdEwEB/wQIMAYBAf8CAQIwNAYDVR0fBC0wKzApoCegJYYjaHR0cDovL2NybC50cnVzdC1zaWdu
Lmh1L1Jvb3RRDQS5jcmwwDQYJKoZIhvcNAQEFBQADggEBAEARqvpXTLtCiBm97GfC5PgnnLIFa6dF
wxW244++5guQrdisCN4hND2YvUcJjDC5Di0W6bghUvmX0jvhVcAMNNHrsJ8l/RSsq18HpTWQlAfw
Zs23J2E3pIXDfu0Fg50gcrq7aiuEleVz36v8PVhRlwuQxS7zfcCd+rpuR3wuaZ8TzFWkg4TrPewJ
5HcfsWcI10vijHYZQzzHmc90aTQ7RgaYZ16uBxWOB9Eqi7Ijq6TWMiooNJF6k2A19z657Qk4NPL9
y8cPeLMFbXJ2/mBep37BJpWmKA+BlWrXdM62eFaFYgBzMuxakBaes8Ttyy9QIsUUkhuYUkqrbPFS
i/1b5hw=
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service information extensions:

Extension 1/1, non-critical:

```
<tsl:AdditionalServiceInformation
xmlns:tsl="http://uri.etsi.org/02231/v2#"><tsl:URI
xml:lang="en">http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/ForeSignatures
</tsl:URI></tsl:AdditionalServiceInformation>
```

Service information extensions:

Extension 1/1, non-critical:

```
<tsl:AdditionalServiceInformation
xmlns:tsl="http://uri.etsi.org/02231/v2#"><tsl:URI
xml:lang="en">http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/ForeSignatures
</tsl:URI></tsl:AdditionalServiceInformation>
```

2.1.2.1. Trust&Sign QCA v1.0

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/QC

> *A qualified certificate issuing trust service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services, and under which are provided the relevant and related revocation and certificate validity status information services (e.g. CRLs, OCSP responses) in accordance with EU Directive 1999/93/EC or with Regulation (EU) No 910/2014 whichever is in force at the time of provision. This may also include generation and/or management of the associated private keys on behalf of the certified entity.*

Service name: *English:* Trust&Sign QCA v1.0

Hungarian: Trust&Sign QCA v1.0

Service digital identity: *Subject key identifier:*

86 15 21 0C 7E F1 D0 DF D5 34 A9 88 B0 5C 06 50 20 02 30 76

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/supervisionceased

> *The validity of the supervision assessment has lapsed without the service identified in "Service digital identity" (see clause 5.5.3) being re-assessed. The service is currently not under supervision any more from the date of the current status as the service is understood to have ceased operations. "Supervision Ceased" status shall be used when a TSP directly ceases its related services under supervision; it shall not be used when supervision has been revoked.*

Status starting time: 2009-06-02T11:09:58.000Z   (02 Jun 2009 13:09:58 CEST)

2.1.2.2. Trust&Sign QCA v1.0

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/QC

> *A qualified certificate issuing trust service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services, and under which are provided the relevant and related revocation and certificate validity status information services (e.g. CRLs, OCSP responses) in accordance with EU Directive 1999/93/EC or with Regulation (EU) No 910/2014 whichever is in force at the time of provision. This may also include generation and/or management of the associated private keys on behalf of the certified entity.*

Service name: *English:* Trust&Sign QCA v1.0

Hungarian: Trust&Sign QCA v1.0

Service digital identity: *Subject key identifier:*

86 15 21 0C 7E F1 D0 DF D5 34 A9 88 B0 5C 06 50 20 02 30 76

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2003-01-16T17:11:39.000Z   (16 Jan 2003 18:11:39 CET)

2.1.3. Trust&CA NQ v2.0

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

> *A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.*

Service name:

    English: Trust&CA NQ v2.0

    Hungarian: Trust&CA NQ v2.0

Service digital identity: *Subject key identifier:*

00 90 FF 21 D2 22 72 15 85 27 32 A8 64 A1 F3 B5 05 98 08 EA

Service digital identity: *Version:*

3

Serial number:

2 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

CN=Trust&CA NQ v2.0,O=MÁV INFORMATIKA
Zrt.,C=HU,PostalCode=1012,L=Budapest,STREET=Krisztina krt. 37/A

Issuer:

CN=Trust&CA ROOT v2.0,O=MÁV INFORMATIKA Zrt.,C=HU,L=Budapest

Subject key identifier:

00 90 FF 21 D2 22 72 15 85 27 32 A8 64 A1 F3 B5 05 98 08 EA

Authority key identifier:

6E 4E 6C 31 D2 A8 68 50 C2 7A 2B 1C 0F E7 00 63 0C 37 7F 95

Valid from:

2008-01-24T12:46:42.000Z   (24 Jan 2008 13:46:42 CET)

Valid to:

2028-01-23T12:46:42.000Z   (23 Jan 2028 13:46:42 CET)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE
pathLenConstraint = 3

Thumbprint:

SHA-1:

53:91:85:91:6A:B3:51:F9:A6:BC:D3:28:8A:6E:9D:F8:D6:21:51:01

SHA-256:

81:07:F9:7F:49:F9:50:EE:37:32:F0:19:06:0E:1F:7E:35:6A:34:BD:67:38:F1:BE:69:0A:68:79:B4:5A:84:92

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100E1FF73AA2F8F24505662B2F952D51887C168B9365658A749A08D2BCF3F296D6D6FBC3E429C1A
393E0289759BEB862D19AB52329C16FBE571B9981DD499CE06491A1710CD1D84D661A6F5BF099B2C414079F7813D12
2954C16F68985B4EC46048A402DBB9F8954892777234CCE37C6D763697D5277284A03BF577B23C53B7765E09E491E6
478BFFCBA9944E71C7CC163E0D5B551B4893C5B7656178420A2AC814DA4DA842FE9B77BEBCB64E7A1C927664ABC239
83EC998DFF7F8D7E335528D4AF2CB2128339BD6FA9857F9F7A44FEBCB92608F4AD545D2FB2D43A8F151F83D38206F4
65E193D05CC95AE6C6EB0CCBDB9E4DF42EA3A9C7B6BB2EEE66BF10CE09570203010001

Certificate policies:

1.3.6.1.4.1.14868.1.2

cPSuri = http://cps.trust-sign.hu

userNotice = A tanusitvany ertelmezesehez es elfogadasahoz a Szolgaltato HSzSz-eben foglaltak szerint kell eljarni, amelyek megtalalhatoak a kovetkezo internetes web oldalon: http://www.trust-sign.hu

CRL distribution points:

http://trust-sign.mavinformatika.hu/CA/MI-ROOT.crl

PEM format:

```
-----BEGIN CERTIFICATE-----
MIIF5DCCBMygAwIBAgIBAjANBgkqhkiG9w0BAQUFADBdMREwDwYDVQQHDAhCdWRhcGVzdDELMAkG
A1UEBhMCSFUxHjAcBgNVBAoMFU3DgVYgSU5GT1JNQVRJS0EgWnJ0LjEbMBkGA1UEAwwSVHJ1c3Qm
Q0EgUk9PVCB2Mi4wMB4XDTA4MDEyNDEyNDY0M1oXDTI4MDEyMzEyNDY0M1owgYgxHDAaBgNVBAkM
E0tyaXN6dGluYSBrcnnQuIDM3L0ExETAPBgNVBAcMCEJlZGFwZXN0MQswCwYDVQQRDAQxMDEyMQsw
CQYDVQQGEwJIVTEeMBwGA1UECgwVTcOBViBJTkZPUk1BVEVlLQSBacnQuMRkwFwYDVQQDDBBUcnVz
dCZDQSB0USB2Mi4wMIIBIjANBgkqhkiG9w0BAQEFAAOCAQ8AMIIBCgKCAQEA4f9zqi+PJFBWYrL5
UtUYh8FouTZWWKdJoI0rzz8pbWlvvD5CnBo5PgKJdZvrhi0Zq1IynBb75XG5mB3Umc4GSRoXEM0d
hNZhpvW/CZssQUB594E9EilUwW9omFtOxGBIpALbufiVSJJ3cjTM43xtdjaX1SdyhKA79XeyPFO3
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/3+NfjNVKNSvLLISgzm9b6mFf596RP68uSYI9K1UXS+y1DqPFR+D04IG9GXhk9BcyVrmxusMy9ue
TfQuo6nHtrsu7ma/EM4JVwIDAQABo4ICgTCCAn0wEgYDVR0TAQH/BAgwBgEB/wIBAzAOBgNVHQ8B
Af8EBAMCAQYwQwYDVR0fBDww0jA4oDagNIYyaHR0cDovL3RydXN0LXNpZ24ubWF2aW5mb3JtYXXRp
a2EuaHUvQ0EvTUktUk9PVC5jcmwwHQYDVR00BBYEFACQ/yHSInIVhScyqGSh87UFmAjqMB8GA1Ud
IwQYMBaAFG5ObDHSqGhQwnorHA/nAGMMN3+VMIIB0AYDVR0gBIIBxzCCAcMwggG/BgkrBgEEAfQU
AQIwggGwMCQGCCsGAQUFBwIBFhhodHRwOi8vY3BzLnRydXN0LXNpZ24uaHUwggGGBggrBgEFBQcC
AjCCAXgeggF0AEEAIAB0AGEAbgB1AHMAaQB0AHYAYQBuAHkAIABlAHIAdABlAGwAbQB1AHoAZQBz
AGUAaABlAHoAIABlAHMAIABlAGwAZgBvAGcAYQBkAGEAcwBhAGgAbwB6ACAAYQAgAFMAegBvAGwa
ZwBhAGwAdABhAHQAbwAgAEgAUwB6AFMAegAtAGUAYgBlAG4AIABmAG8AZwBsAGEAbAB0AGAAawAg
AHMAegBlAHIAaQBuAHQAIABrAGUAbABsACAAZQBsAGoAYQByAG4AaQAsACAAYQBtAGUAbAB5AGUA
awAgAG0AZQBnAHQAYQBsAGEAbAoAEAdABvAGEAawAgAGEAIABrAG8AdgBlAHQAawBlAHoAbwAg
AGkAbgB0AGUAcgBuAGUAdABlAHMAIAB3AGUAYgAgAG8AbABkAGEAbABvAG4AOgAgAGgAdAB0AHAA
OgAvAC8Adw8wM3AHcALgB0AHIAdQBzAHQALQBzAGkAZwBuAC4AaAB1MA0GCSqGSIb3DQEBBQUAA4IB
AQBkRAjcbML0t/qdAaiJLfY1fPi2EmA6j9MzNBoYONdi2iiAFs7IQjfe9ncU27hmH6LxhRN8hMBx
rbalUYU+LWEJ9wQGDmo77M9Vsrr27MHMUZSTEe53gFsCG+SzpAXLhp+7muGw/umOkN+feh/haaFN
XHozrgsCOlirhp9X5sAmysnGQtBqvEl7zLvQgIcmSOUnyhSiecQcXpXixjuB3u62/31e01z8dOE5
S4c+Q+6THL9D9xxzsjvVpoMKEKhyZffdiv+jx019jIWcwAlPDaQ/ZbIEo4faHVc8eF08LKLOiB5u
T7Qocm2g+2V2TOMDFv5uCGnVtqt3AfTatz+lULHD
-----END CERTIFICATE-----
```

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/deprecatedatnationallevel

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

2.1.3.1. Trust&CA NQ v2.0

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.

Service name: *English:* Trust&CA NQ v2.0

Hungarian: Trust&CA NQ v2.0

Service digital identity: *Subject key identifier:*

00 90 FF 21 D2 22 72 15 85 27 32 A8 64 A1 F3 B5 05 98 08 EA

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/supervisionceased

The validity of the supervision assessment has lapsed without the service identified in "Service digital identity" (see clause 5.5.3) being re-assessed. The service is currently not under supervision any more from the date of the current status as the service is understood to have ceased operations. "Supervision Ceased" status shall be used when a TSP directly ceases its related services under supervision; it shall not be used when supervision has been revoked.

Status starting time: 2011-12-31T23:00:00.000Z   (01 Jan 2012 00:00:00 CET)

2.1.3.2. Trust&CA NQ v2.0

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

> *A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.*

Service name:
   English: Trust&CA NQ v2.0

   Hungarian: Trust&CA NQ v2.0

Service digital identity: *Subject key identifier:*

00 90 FF 21 D2 22 72 15 85 27 32 A8 64 A1 F3 B5 05 98 08 EA

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2008-01-24T12:46:42.000Z   (24 Jan 2008 13:46:42 CET)

2.1.4. Trust&CA NQ v2.0

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/Certstatus/CRL

A certificate validity status service, not qualified, issuing CRLs.

Service name: *English:* Trust&CA NQ v2.0

    Hungarian: Trust&CA NQ v2.0

Service digital identity: Subject key identifier:

00 90 FF 21 D2 22 72 15 85 27 32 A8 64 A1 F3 B5 05 98 08 EA

Service digital identity: *Version:*

3

Serial number:

2 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

CN=Trust&CA NQ v2.0,O=MÁV INFORMATIKA
Zrt.,C=HU,PostalCode=1012,L=Budapest,STREET=Krisztina krt. 37/A

Issuer:

CN=Trust&CA ROOT v2.0,O=MÁV INFORMATIKA Zrt.,C=HU,L=Budapest

Subject key identifier:

00 90 FF 21 D2 22 72 15 85 27 32 A8 64 A1 F3 B5 05 98 08 EA

Authority key identifier:

6E 4E 6C 31 D2 A8 68 50 C2 7A 2B 1C 0F E7 00 63 0C 37 7F 95

Valid from:

2008-01-24T12:46:42.000Z   (24 Jan 2008 13:46:42 CET)

Valid to:

2028-01-23T12:46:42.000Z   (23 Jan 2028 13:46:42 CET)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = 3

Thumbprint:

SHA-1:

53:91:85:91:6A:B3:51:F9:A6:BC:D3:28:8A:6E:9D:F8:D6:21:51:01

SHA-256:

81:07:F9:7F:49:F9:50:EE:37:32:F0:19:06:0E:1F:7E:35:6A:34:BD:67:38:F1:BE:69:0A:68:79:B4:5A:84:92

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100E1FF73AA2F8F24505662B2F952D51887C168B9365658A749A08D2BCF3F296D6D6FBC3E429C1A
393E0289759BEB862D19AB52329C16FBE571B9981DD499CE06491A1710CD1D84D661A6F5BF099B2C414079F7813D12
2954C16F68985B4EC46048A402DBB9F8954892777234CCE37C6D763697D5277284A03BF577B23C53B7765E09E491E6
478BFFCBA9944E71C7CC163E0D5B551B4893C5B7656178420A2AC814DA4DA842FE9B77BEBCB64E7A1C927664ABC239
83EC998DFF7F8D7E335528D4AF2CB2128339BD6FA9857F9F7A44FEBCB92608F4AD545D2FB2D43A8F151F83D38206F4
65E193D05CC95AE6C6EB0CCBDB9E4DF42EA3A9C7B6BB2EEE66BF10CE09570203010001

Certificate policies:

1.3.6.1.4.1.14868.1.2

cPSuri = http://cps.trust-sign.hu

userNotice = A tanusitvany ertelmezesehez es elfogadasahoz a Szolgaltato
HSzSz-eben foglaltak szerint kell eljarni, amelyek megtalalhatoak a kovetkezo
internetes web oldalon: http://www.trust-sign.hu

CRL distribution points:

http://trust-sign.mavinformatika.hu/CA/MI-ROOT.crl

PEM format:

```
-----BEGIN CERTIFICATE-----
MIIF5DCCBMygAwIBAgIBAjANBgkqhkiG9w0BAQUFADBdMREwDwYDVQQHDAhCdWRhcGVzdDELMAkG
A1UEBhMCSFUxHjAcBgNVBAoMFU3DgVYgSU5GT1JNQVRJS0EgWnJ0LjEbMBkGA1UEAwwSVHJ1c3Qm
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a2EuaHUvQ0EvTUktUk9PVC5jcmwwHQYDVR00BBYEFACQ/yHSInIVhScyqGSh87UFmAjqMB8GA1Ud
IwQYMBaAFG5ObDHSqGhQwnorHA/nAGMMN3+VMIIB0AYDVR0gBIIBxzCCAcMwggG/BgkrBgEEAfQU
AQIwggGwMCQGCCsGAQUFBwIBFhhodHRwOi8vY3BzLnRydXN0LXNpZ24uaHUwggGGBggrBgEFBQcC
AjCCAXgeggF0AEEAIAB0AGEAbgB1AHMAaQB0AHYAYQBuAHkAIAB1AHIAdAB1AGwAbQB1AHoAZQBz
AGUAaAB1AHoAIAB1AHMAIABlAGwAZgBvAGcAYQBkAGEAcwBhAGgAbwB6ACAAYQAgAFMAegBvAGwA
ZwBhAGwAdABhAHQAbwAgAEgAUwB6AFMAegAtAGUAYgBlAG4AIABmAG8AZwBsAGEAbAB0AGAAawAg
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AGkAbgB0AGUAcgBuAGUAdABlAHMAIAB3AGUAYgAgAG8AbABkAGEAbABvAG4AOgAgAGgAdAB0AHAA
OgAvAC8AdwB3AHcALgB0AHIAdQBzAHQALQBzAGkAZwBuAC4AaAB1MA0GCSqGSIb3DQEBBQUAA4IB
AQBkRAjcbML0t/qdAaiJLfY1fPi2EmA6j9MzNBoYONdi2iiAFs7IQjfe9ncU27hmH6LxhRN8hMBx
rbalUYU+LWEJ9wQGDmo77M9Vsrr27MHMUZSTEe53gFsCG+SzpAXLhp+7muGw/um0kN+feh/haaFN
XHozrgsCOlirhp9X5sAmysnGQtBqvEl7zLvQgIcmSOUnyhSiecQcXpXixjuB3u62/31e01z8dOE5
S4c+Q+6THL9D9xxzsjvVpoMKEKhyZffdiv+jx019jIWcwAlPDaQ/ZbIEo4faHVc8eF08LKLOiB5u
T7Qocm2g+2V2TOMDFv5uCGnVtqt3AfTatz+lULHD
-----END CERTIFICATE-----
```

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/deprecatedatnationallevel

Status starting time: 2016-06-30T22:00:00.000Z (01 Jul 2016 00:00:00 CEST)

2.1.4.1. Trust&CA NQ v2.0

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/Certstatus/CRL

> *A certificate validity status service, not qualified, issuing CRLs.*

Service name:

English: Trust&CA NQ v2.0

Hungarian: Trust&CA NQ v2.0

Service digital identity: *Subject key identifier:*

00 90 FF 21 D2 22 72 15 85 27 32 A8 64 A1 F3 B5 05 98 08 EA

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/supervisionceased

> *The validity of the supervision assessment has lapsed without the service identified in "Service digital identity" (see clause 5.5.3) being re-assessed. The service is currently not under supervision any more from the date of the current status as the service is understood to have ceased operations. "Supervision Ceased" status shall be used when a TSP directly ceases its related services under supervision; it shall not be used when supervision has been revoked.*

Status starting time: 2014-08-05T22:00:00.000Z   (06 Aug 2014 00:00:00 CEST)

2.1.4.2. Trust&CA NQ v2.0

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/Certstatus/CRL

> *A certificate validity status service, not qualified, issuing CRLs.*

Service name: *English:* Trust&CA NQ v2.0

Hungarian: Trust&CA NQ v2.0

Service digital identity: *Subject key identifier:*

00 90 FF 21 D2 22 72 15 85 27 32 A8 64 A1 F3 B5 05 98 08 EA

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2011-12-31T23:00:00.000Z   (01 Jan 2012 00:00:00 CET)

2.1.5. Trust&CA NQKET v2.0

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.

Service name:

English: Trust&CA NQKET v2.0

Hungarian: Trust&CA NQKET v2.0

Service digital identity: *Subject key identifier:*

2E 96 27 70 46 CD D8 2C 4F 95 F4 67 33 56 79 E3 7E 9A D3 07

Service digital identity: *Version:*

3

Serial number:

1 132 236 981 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

O=MÁV INFORMATIKA Zrt.,L=Budapest,C=HU,CN=Trust&CA NQKET v2.0

Issuer:

CN=KGYHSZ (Public Administration Root CA - Hungary),C=hu

Subject key identifier:

2E 96 27 70 46 CD D8 2C 4F 95 F4 67 33 56 79 E3 7E 9A D3 07

Authority key identifier:

C4 1B 6F BF 5A 96 BB F8 3F CC 17 78 BF 0E 6B E4 B7 71 56 57

Valid from:

2008-02-18T12:12:34.000Z   (18 Feb 2008 13:12:34 CET)

Valid to:

2018-02-18T12:42:34.000Z   (18 Feb 2018 13:42:34 CET)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = 0

Thumbprint:

SHA-1:

DB:3A:56:05:69:BF:32:D5:D3:07:B9:72:DC:D3:F2:A6:EB:14:E2:0A

SHA-256:

06:20:BE:84:E3:1C:72:08:DE:5E:F9:27:6D:FE:59:2D:FF:84:85:63:3D:36:71:B5:D5:99:6C:BE:32:91:ED:8A

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100C7747C5F5A75F371A36698870227C1BCCF68CF4D5FB38674AD55C16862F92166BB6583730304
FCF4362992F224169446FB8372F7FFF12E8D3033D375E2E94F557D41205B509E2DB7F6AE0D1308BCF2F5254F2142B7
6F423989060872E20D1413E4490BCE10D08B2861C9380DBC074F94BE5CAB26F6DE230B1521926F3ADB3EF55D838984
3CE755B584D6113928AB5A6CB7E16925B13662EAA9B33CF77BBD4B10A033187C66CA8B42FCE00AF1BFED2BD21206AB
932CD17415081F481D2C4E8AE55B0AF4191979AA00821C467A44F3BBCB06015242B6545F7F4A07DEB946568628E96C
4D952D5ABEBF0A4F9C9CDE211378EC99249E6DDB6183963FD81E8A10A0BD0203010001

Certificate policies:

0.2.216.1.100.42.1.200.2

cPSuri = http://cp.kgyhsz.gov.hu

userNotice = A hitelesítés-szolgáltató egyaránt jogosult közigazgatási
felhasználásra szolgáló, hivatali aláíráshoz és ügyfél által használt aláíráshoz
kapcsolódó tanúsítványok kibocsátására. Minden felelősség kizárva a hitelesítési
rendben foglaltak szerint.

CRL distribution points:

http://crl.kgyhsz.gov.hu/KGYHSZ_CA_20060719.crl

PEM format:

```
-----BEGIN CERTIFICATE-----
MIIGQjCCBSqgAwIBAgIEQ3yQtTANBgkqhkiG9w0BAQUFADBIMQswCQYDVQQGEwJodTE5MDcGA1UE
AwwwS0dZSFNaIChQdWJsaWMgQWRtaW5pc3RyYXRpb24gUm9vdCBDQSAtIEh1bmdhcnkpMB4XDTA4
MDIxODEyMTIzNFoXDTE4MDIxODEyNDIzNFowXjEcMBoGA1UEAwwTVHJ1c3QmQ0EgTlFLRVQgdjIu
MDELMAkGA1UEBhMCSFUxETAPBgNVBAcMCEJ1ZGFwZXN0MMR4wHAYDVQQKDBVNw4FWIElORk9STUFU
SUtBIFpydC4wggEiMA0GCSqGSIb3DQEBAQUAA4IBDwAwggEKAoIBAQDHdHxfWnXzcaNmmIcCJ8G8
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iYQ851W1hNYROSirWmy34WklsTZi6qmzPPd7vUsQoDMYfGbKi0L84Arxv+0r0hIGq5Ms0XQVCB9I
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bdthg5Y/2B6KEKC9AgMBAAGjggMcMIIDGDAOBgNVHQ8BAf8EBAMCAQYwEgYDVR0TAQH/BAgwBgEB
/wIBADCCAkgGA1UdIASCAj8wggI7MIICNwYKAoFYAWQqAYFIAjCCAicwIwYIKwYBBQUHAgEWF2h0
dHA6Ly9jcC5rZ3loc3ouZ292Lmh1MIIB/gYIKwYBBQUHAgIwggHwHoIB7ABBACAAaABpAHQAZQBs
AGUAcwDtAHQA6QBzAC0AcwB6AGARAbnAOEAbAB0AGEAdADzACAAZQBnAHkAYQByAOEAbgB0ACAAaA
agBvAGcAbwBzAHUAbAB0ACAAawD2AHoAaQBnAGEAegBnAGEAdADhAHMAaQAgAGYAZQBsAGgAYQBz
AHoAbgDhAGwA4QBzAHIAYQAgAHMAegBvAGwAZwDhAGwA8wAsACAAaABpAHYAYQB0AGEAbABpACAA
YQBsAOEA7QByAOEAcwBoAG8AegAgAOkAcwAgAPwAZwB5AGYA6QBsACAA4QBsAHQAYQBsACAAaABh
AHMAegBuAOEAbAB0ACAAYQBsAOEA7QByAOEAcwBoAG8AegAgAGsAYQBwAGMAcwBvAGwA8wBkAPMA
IAB0AGEAbgD6AHMA7QB0AHYA4QBuAHkAbwBrACAAawBpAGIAbwBjAHMA4QB0AOEAcwDhAHIAYQAu
ACAATQBpAG4AZAB1AG4AIABmAGUAbABlAGwBUQBzAHMA6QBnACAAawBpAHoA4QByAHYAYQAgAGEA
IABoAGkAdABlAGwAZQBzAO0AdADpAHMAaQAgAHIAZQBuAGQAYgBlAG4AIABmAG8AZwBsAGEAbAB0
AGEAawAgAHMAegBlAHIAaQBuAHQALjABgNVHR8EOTA3MDWgM6Axhi9odHRwOi8vY3JsLmtneWhz
ei5nb3YuaHUvS0dZSFNaX0NBXzIwMDYwNzE5LmNybDAkBgNVHREEHTAbgRloaXRlbGVzQG1hdmlu
Zm9ybWF0aWthLmh1MB8GA1UdIwQYMBaAFMQbb79alrv4P8wXeL8Oa+S3cVZXMB0GA1UdDgQWBBQu
lidwRs3YLE+V9GczVnnjfprTBzANBgkqhkiG9w0BAQUFAAOCAQEAEN0xJtcRuD6YXKfZ8P/I8OsW
bhuhMIO3gjQnSjEto6wHs6K5uwsNV6pqbqCSoXVd6YCyG4/0NGdsr2S8cMQhQOwCscKu0rEFNmS3
hi4UJpmaiDUv4UmWNwDF0lUI8CfVuowYlEX09t3qSci+051R4r+cVXcrZyv3iHsS1+e+KxnC9Pkl
zp52T45egebJlGreTjoXKPe+vu/Jn8uwPbw847WWCX4IMF/tBtNKCqalSFt27SJtn1RDBzqvETBi
hnpHXBhx8J+ZRhU/jRgJebDg6gQh7YUWiMW7LFDjjSYJOSCOQiSwCWdXxbtZ6hP6nmAYEeU+MAH+
0eEUX4R/IBQeJg==
-----END CERTIFICATE-----
```

Service status:	http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/deprecatedatnationallevel
Status starting time:	2016-06-30T22:00:00.000Z (01 Jul 2016 00:00:00 CEST)

2.1.5.1. Trust&CA NQKET v2.0

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

> *A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.*

Service name:

English: Trust&CA NQKET v2.0

Hungarian: Trust&CA NQKET v2.0

Service digital identity: *Subject key identifier:*

2E 96 27 70 46 CD D8 2C 4F 95 F4 67 33 56 79 E3 7E 9A D3 07

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/supervisionceased

> *The validity of the supervision assessment has lapsed without the service identified in "Service digital identity" (see clause 5.5.3) being re-assessed. The service is currently not under supervision any more from the date of the current status as the service is understood to have ceased operations. "Supervision Ceased" status shall be used when a TSP directly ceases its related services under supervision; it shall not be used when supervision has been revoked.*

Status starting time: 2011-12-31T23:00:00.000Z   (01 Jan 2012 00:00:00 CET)

2.1.5.2. Trust&CA NQKET v2.0

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

> *A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.*

Service name:

English: Trust&CA NQKET v2.0

Hungarian: Trust&CA NQKET v2.0

Service digital identity: *Subject key identifier:*

2E 96 27 70 46 CD D8 2C 4F 95 F4 67 33 56 79 E3 7E 9A D3 07

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2008-02-18T12:12:34.000Z   (18 Feb 2008 13:12:34 CET)

2.1.6. Trust&CA NQKET v2.0

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/Certstatus/CRL

A certificate validity status service, not qualified, issuing CRLs.

Service name: *English:* Trust&CA NQKET v2.0

Hungarian: Trust&CA NQKET v2.0

Service digital identity: *Subject key identifier:*

2E 96 27 70 46 CD D8 2C 4F 95 F4 67 33 56 79 E3 7E 9A D3 07

Service digital identity: *Version:*

3

Serial number:

1 132 236 981 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

O=MÁV INFORMATIKA Zrt.,L=Budapest,C=HU,CN=Trust&CA NQKET v2.0

Issuer:

CN=KGYHSZ (Public Administration Root CA - Hungary),C=hu

Subject key identifier:

2E 96 27 70 46 CD D8 2C 4F 95 F4 67 33 56 79 E3 7E 9A D3 07

Authority key identifier:

C4 1B 6F BF 5A 96 BB F8 3F CC 17 78 BF 0E 6B E4 B7 71 56 57

Valid from:

2008-02-18T12:12:34.000Z   (18 Feb 2008 13:12:34 CET)

Valid to:

2018-02-18T12:42:34.000Z   (18 Feb 2018 13:42:34 CET)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = 0

Thumbprint:

SHA-1:

DB:3A:56:05:69:BF:32:D5:D3:07:B9:72:DC:D3:F2:A6:EB:14:E2:0A

SHA-256:

06:20:BE:84:E3:1C:72:08:DE:5E:F9:27:6D:FE:59:2D:FF:84:85:63:3D:36:71:B5:D5:99:6C:BE:32:91:ED:8A

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100C7747C5F5A75F371A36698870227C1BCCF68CF4D5FB38674AD55C16862F92166BB6583730304
FCF4362992F224169446FB8372F7FFF12E8D3033D375E2E94F557D41205B509E2DB7F6AE0D1308BCF2F5254F2142B7
6F423989060872E20D1413E4490BCE10D08B2861C9380DBC074F94BE5CAB26F6DE230B1521926F3ADB3EF55D838984
3CE755B584D6113928AB5A6CB7E16925B13662EAA9B33CF77BBD4B10A033187C66CA8B42FCE00AF1BFED2BD21206AB
932CD17415081F481D2C4E8AE55B0AF4191979AA00821C467A44F3BBCB06015242B6545F7F4A07DEB946568628E96C
4D952D5ABEBF0A4F9C9CDE211378EC99249E6DDB6183963FD81E8A10A0BD0203010001

Certificate policies:

0.2.216.1.100.42.1.200.2

cPSuri = http://cp.kgyhsz.gov.hu

userNotice = A hitelesítés-szolgáltató egyaránt jogosult közigazgatási
felhasználásra szolgáló, hivatali aláíráshoz és ügyfél által használt aláíráshoz
kapcsolódó tanúsítványok kibocsátására. Minden felelősség kizárva a hitelesítési
rendben foglaltak szerint.

CRL distribution points:

http://crl.kgyhsz.gov.hu/KGYHSZ_CA_20060719.crl

PEM format:

```
-----BEGIN CERTIFICATE-----
MIIGQjCCBSqgAwIBAgIEQ3yQtTANBgkqhkiG9w0BAQUFADBIMQswCQYDVQQGEwJodTE5MDcGA1UE
AwwwS0dZSFNaIChQdWJsaWMgQWRtaW5pc3RyYXRpb24gUm9vdCBDQSAtIEh1bmdhcnkpMB4XDTA4
MDIx0DEyMTIzNFoXDTE4MDIx0DEyNDIzNFowXjEcMBoGA1UEAwwTVHJlc3QmQ0EgTlFLRVQgdjIu
MDELMAkGA1UEBhMCSFUxETAPBgNVBAcMCEJlZGFwZXN0N0MR4wHAYDVQQKDBVNw4FWIElORk9STUFU
SUtBIFpydC4wggEiMA0GCSqGSIb3DQEBAQUAA4IBDwAwggEKAoIBAQDHdHxfWnXzcaNmmIcCJ8G8
z2jPTV+zhnStVcFoYvkhZrtlg3MDBPz0NimS8iQWlEb7g3L3//EujTAz03Xi6U9VfUEgWlCeLbf2
rg0TCLzy9SVPIUK3b0I5iQYIcuINFBPkSQvOENCLKGHJOA28B0+UvlyrJvbeIwsVIZJv0ts+9V2D
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HSxOiuVbCvQZGXmqAIIcRnpE87vLBgFSQrZUX39KB965RlaGKOlsTZUtWr6/Ck+cnN4hE3jsmSSe
bdthg5Y/2B6KEKC9AgMBAAGjggMcMIIDGDAOBgNVHQ8BAf8EBAMCAQYwEgYDVR0TAQH/BAgwBgEB
/wIBADCCAkgGA1UdIASCAj8wggI7MIICNwYKAoFYAWQqAYFIAjCCAicwIwYIKwYBBQUHAgEWF2h0
dHA6Ly9jcC5rZ3loc3ouZ292Lmh1MIIB/gYIKwYBBQUHAgIwgghwHoIB7ABBACAAaABpAHQAZQBs
AGUAcwDtAHQA6QBzAC0AcwB6AGABbABnAOEAbAB0AGEAdADzACAAZQBnAHkAYQByAOEAbgB0ACAA
agBvAGcAbwBzAHUAbAB0ACAAawD2AHoAaQBnAGEAaegBnAGEAdAHhAHMAaQAgAGYAZQBsAGgAYQBz
AHoAAbgDhAGwA4QBzAHIAYQAgAHMAegBvAGwAZwDhAGwA8wAsACAAaABpAHYAYQB0AGEAbABpACAA
YQBsAOEA7QByAOEAcwBoAG8AegAgAOkAcwAgAPwAZwB5AGYA6QBsACAA4QBsAHQAYQBsACAAaaABh
AHMAegBuAOEAbAB0ACAAYQBsAOEA7QByAOEAcwBoAG8AegAgAGsAYQBwAGMAcwBvAGwA8wBkAPMA
IAB0AGEAbgD6AHMA7QB0AHYA4QBuAHkAbwBrACAAawBpAGIAbwBjAHMA4QB0AOEAcwDhAHIAYQAu
ACAATQBpAG4AZABlAG4AIABmAGUAbABlAGwBUQBzAHMA6QBnACAAawBpAHoA4QByAHYAYQAgAGEA
IABoAGkAdABlAGwAZQBzAO0AdADpAHMAaQAgAHIAZQBuAGQAYgBlAG4AIABmAGEAZwBsAGEAbAB0
AGEAawAgAHMAegBlAHIAaQBuAHQALjBABgNVHR8EOTA3MDWgM6Axhi9odHRwOi8vY3JsLmtneWhz
ei5nb3YuaHUvS0dZSFNaX0NBXzIwMDYwNzE5LmNybDAkBgNVHREEHTAbgRloaXRlbGVzQG1hdmlu
Zm9ybWF0aWthLmh1MB8GA1UdIwQYMBaAFMQbb79alrv4P8wXeL8Oa+S3cVZXMB0GA1UdDgQWBBQu
lidwRs3YLE+V9GczVnnjfprTBzANBgkqhkiG9w0BAQUFAAOCAQEAEN0xJtcRuD6YXKfZ8P/I8OsW
bhuhMI03gjQnSjEto6wHs6K5uwsNV6pqbqCSoXVd6YCyG4/0NGdsr2S8cMQhQOwCscKu0rEFNmS3
hi4UJpmaiDUv4UmWNwDF01UI8CfVuowYlEX09t3qSci+051R4r+cVXcrZyv3iHsSl+e+KxnC9Pkl
zp52T45egebJlGreTjoXKPe+vu/Jn8uwPbw847WWCX4IMF/tBtNKCqalSFt27SJtn1RDBzqvETBi
hnpHXBhx8J+ZRhU/jRgJebDg6gQh7YUWiMW7LFDjjSYJOSCOQiSwCWdXxbtZ6hP6nmAYEeU+MAH+
0eEUX4R/IBQeJg==
-----END CERTIFICATE-----
```

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/deprecatedatnationallevel

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

2.1.6.1. Trust&CA NQKET v2.0

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/Certstatus/CRL

A certificate validity status service, not qualified, issuing CRLs.

Service name:

English: Trust&CA NQKET v2.0

Hungarian: Trust&CA NQKET v2.0

Service digital identity: *Subject key identifier:*

2E 96 27 70 46 CD D8 2C 4F 95 F4 67 33 56 79 E3 7E 9A D3 07

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/supervisionceased

The validity of the supervision assessment has lapsed without the service identified in "Service digital identity" (see clause 5.5.3) being re-assessed. The service is currently not under supervision any more from the date of the current status as the service is understood to have ceased operations. "Supervision Ceased" status shall be used when a TSP directly ceases its related services under supervision; it shall not be used when supervision has been revoked.

Status starting time: 2014-08-05T22:00:00.000Z   (06 Aug 2014 00:00:00 CEST)

2.1.6.2. Trust&CA NQKET v2.0

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/Certstatus/CRL

> *A certificate validity status service, not qualified, issuing CRLs.*

Service name: *English:* Trust&CA NQKET v2.0

           Hungarian: Trust&CA NQKET v2.0

Service digital identity: *Subject key identifier:*

2E 96 27 70 46 CD D8 2C 4F 95 F4 67 33 56 79 E3 7E 9A D3 07

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2011-12-31T23:00:00.000Z   (01 Jan 2012 00:00:00 CET)

2.1.7. Trust&Sign ACA v1.0

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.

Service name:

English: Trust&Sign ACA v1.0

Hungarian: Trust&Sign ACA v1.0

Service digital identity:

Subject key identifier:

8C D2 88 C2 FA 61 3C 85 55 3E 11 08 28 30 FB 16 C8 E8 EB C6

Service digital identity:

Version:

3

Serial number:

8 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

EMAILADDRESS=ica@mavinformatika.hu,PostalCode=1012,STREET=Krisztina krt. 37/A,CN=Trust&Sign ACA v1.0,OU=PKI Services BU,O=MAV INFORMATIKA Kft.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=ica@mavinformatika.hu,PostalCode=1012,STREET=Krisztina krt. 37/A,CN=Trust&Sign Root CA v1.0,OU=PKI Services BU,O=MAV INFORMATIKA Kft.,L=Budapest,C=HU

Subject key identifier:

8C D2 88 C2 FA 61 3C 85 55 3E 11 08 28 30 FB 16 C8 E8 EB C6

Authority key identifier:

5E 36 20 08 4F AF 02 A4 71 CE EB E4 F0 0A 7D 3A 12 96 F5 42

Valid from:

2003-05-26T22:00:00.000Z   (27 May 2003 00:00:00 CEST)

Valid to:

2013-01-13T23:00:00.000Z   (14 Jan 2013 00:00:00 CET)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = 2

Thumbprint:

SHA-1:

AC:9F:D9:F2:16:C9:DE:94:6C:F8:7D:6C:AB:26:65:FE:58:79:18:A9

SHA-256:

5D:12:FC:76:8A:E9:4E:7C:5E:6A:67:73:ED:4C:05:5F:73:64:86:FB:3C:E4:20:38:3F:57:A1:2B:8C:03:A6:63

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100C65468C83F33FC64CC0105C5056067117FA84CB8596D10B7FDBE92177FCFFD43EA1665BDF632
0D10686A22FAF8B69253EDF1F74DA537DE79A3F65C917E2D614AFD5B3AD1078F71A63AE4C176B6D21124D64F89F1AC
E65648916F4C8B29980CEDFEE8EC00CCB06C7BE7EEFC6B748C0AA05262FB51E0669F6AB19E19416C1D864A4DD6A6B8
B0C9ADB1BD05567F5126533BD9A23C2BC2936E9CC607DD7EBD3D8264C64C6DA16274952753CC5A0C6ED67D166B9021
1C35C9CF383B40080713D177A02458A36086243B51E9D76BD4E483DD89FDA29BF130B479A234F72C118A4F0C138CF5
59A2DF0C010D0E81CB26D1168A4E51F465377DADFD3A5984B2293C3209150203010001

Certificate policies:

1.3.6.1.4.1.14868.2.2.1

cPSuri = http://cps.trust-sign.hu

userNotice = A tanusitvany ertelmezesehez es elfogadasahoz a Szolgaltato
HSzSz-eben foglaltak szerint kell eljarni, amely megtalalhato a kovetkezo
Internetes web oldalon: http://www.trust-sign.hu

CRL distribution points:

http://crl.trust-sign.hu/RootCA.crl

PEM format:

```
-----BEGIN CERTIFICATE-----
MIIFxzCCBK+gAwIBAgIBCDANBgkqhkiG9w0BAQUFADCBzjELMAkGA1UEBhMCSFUxETAPBgNVBAcT
CEJ1ZGFwZXN0MR0wGwYDVQQKExRNQVYgSU5GT1JNQVRJS0EgS2Z0LjEYMBYGA1UECxMPUEtJIFNl
cnZpY2VzIEJVMSAwHgYDVQQDDBdUcnVzdCZTaWduIFJvb3QgQ0EgdjEuMDEcMBoGA1UECRMTS3Jp
c3p0aW5hIGtydC4gMzcvQTENMAsGA1UEERMMTAxMjEkMCIGCSqGSIb3DQEJARYVaWNhQG1hdmlu
Zm9ybWF0aWthLmh1MB4XDTAzMDUyNjIyMDAwMFoXDTEzMDExMzIzMDAwMFowgcoxCzAJBgNVBAYT
AkhVMREwDwYDVQQHEwhCdWRhcGVzdDEdMBsGA1UEChMUTUFWIElORk9STUFUSUtBIEtmdC4xGDAW
BgNVBAsTD1BLSSBTZXJ2aWNlcyBCVTEcMBoGA1UEAwwTVHJlc3QmU2lnbiBBBQ0EgdjEuMDEcMBoG
A1UECRMTS3Jpc3p0aW5hIGtydC4gMzcvQTENMAsGA1UEERMMTAxMjEkMCIGCSqGSIb3DQEJARYV
aWNhQG1hdmluZm9ybWF0aWthLmh1MIIBIjANBgkqhkiG9w0BAQEFAAOCAQ8AMIIBCgKCAQEAxlRo
yD8z/GTMAQXFBWBnEX+oTLhZbRC3/b6SF3/P/UPqFmW99jINEGhqIvr4tpJT7fH3TaU33nmj9lyR
filhSv1bOtEHj3GmOuTBdrbSESTWT4nxrOZWSJFvTIspmAzt/ujsAMywbHvn7vxrdIwKoFJi+1Hg
Zp9qsZ4ZQWwdhkpN1qa4sMmtsb0FVn9RJlM72aI8K8KTbpzGB91+vT2CZMZMbaFidJUnU8xaDG7W
fRZrkCEcNcnPODtACAcT0XegJFijYIYkOlHp12vU5IPdif2im/EwtHmiNPcsEYpPDBOM9Vmi3wwB
DQ6ByybRFopOUfRlN32t/TpZhLIpPDIJFQIDAQABo4IBsDCCAawwHwYDVR0jBBgwFoAUXjYgCE+v
AqRxzuvk8Ap9OhKW9UIwHQYDVR0OBBYEFIzSiML6YTyFVT4RCCgw+xbI6OvGMA4GA1UdDwEB/wQE
AwIBBjCCAQ4GA1UdIASCAQUwggEBMIH+BgorBgEEAfQUAgIBMIHvMCQGCCsGAQUFBwIBFhhodHRw
Oi8vY3BzLnRydXN0XN0LXNpZ24uaHUwgcYGCCsGAQUFBwICMIG5GoG2QSB0YW51c2l0dmFueSBlcnRl
bG1lemVzZWhleiBlcyBlbGZvZ2FkYXNhaG96IGEgU3pvbGdhbHRhdG8gSFN6U3otZWJlbiBmb2ds
YWx0YWsgc3plcmludCBrZWxsIGVsamFybmksIGFtZWx5IG1lZ3RhbGFsaGF0byBhIGtvdmV0a2V6
byBJbnRlcm5ldGVzIHdlYiBvbGRhbG9uOi8vd3d3LnRydXN0XN0LXNpZ24uaHUwEgYDVR0T
AQH/BAgwBgEB/wIBAjA0BgNVHR8ELTArMCmgJ6AlhiNodHRwOi8vY3JsLnRydXN0XN0LXNpZ24uaHUv
Um9vdENBLmNybDANBgkqhkiG9w0BAQUFAAOCAQEAFl8+h039SPsg+p/rf8FMVGp9uYkhkl0X+gUm
9Bvg+uQH8ckwVLrGg/Z6BYbuXEI6UtwHP3zztFAU0+HnAsfxxux4Xltb80mfVJ4Kqh+GMNw8r9Kv
LAOb4A+kCoix11bJq5BaRM2Maw6vl90WOoluefZ0oi3mnwzV3AN7eDuxcK4jtgCS1DGC1Wd6YXjN
iwFNmW8us5Ly3HJKEsRhLKMbTaHA3XfrUUj3zWBxrOcYKa8prT9xboblgOS6N2dEiZvNJ53M4pKp
VPV1gqDdggMVi4/In+nh846rYoyQKTv4NsxsI6pQwN2asTvhuA/BdBWBRvl2Yc8TEUgtWS/fBXo3
ow==
-----END CERTIFICATE-----
```

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/deprecatedatnationallevel

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

2.1.7.1. Trust&Sign ACA v1.0

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

> *A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.*

Service name:

English: Trust&Sign ACA v1.0

Hungarian: Trust&Sign ACA v1.0

Service digital identity: *Subject key identifier:*

8C D2 88 C2 FA 61 3C 85 55 3E 11 08 28 30 FB 16 C8 E8 EB C6

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/supervisionceased

> *The validity of the supervision assessment has lapsed without the service identified in "Service digital identity" (see clause 5.5.3) being re-assessed. The service is currently not under supervision any more from the date of the current status as the service is understood to have ceased operations. "Supervision Ceased" status shall be used when a TSP directly ceases its related services under supervision; it shall not be used when supervision has been revoked.*

Status starting time: 2008-02-18T12:12:33.000Z   (18 Feb 2008 13:12:33 CET)

2.1.7.2. Trust&Sign ACA v1.0

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.

Service name:

English: Trust&Sign ACA v1.0

Hungarian: Trust&Sign ACA v1.0

Service digital identity: *Subject key identifier:*

8C D2 88 C2 FA 61 3C 85 55 3E 11 08 28 30 FB 16 C8 E8 EB C6

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2003-05-26T22:00:00.000Z   (27 May 2003 00:00:00 CEST)

2.1.8. Trust&Sign TSA v2.0

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name:

English: Trust&Sign TSA v2.0

Hungarian: Trust&Sign TSA v2.0

Service digital identity: *Subject key identifier:*

83 CD A1 F9 13 10 86 81 01 1B E1 5C 44 A0 4D F4 5C 61 36 CB

Service digital identity: *Version:*

3

Serial number:

15 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

EMAILADDRESS=hiteles@mavinformatika.hu,STREET=Krisztina krt. 37/a,PostalCode=1012,OU=PKI Uzleti egyseg,O=MAV INFORMATIKA Kft.,L=Budapest,C=HU,CN=Trust&Sign TSA v2.0

Issuer:

EMAILADDRESS=ica@mavinformatika.hu,PostalCode=1012,STREET=Krisztina krt. 37/A,CN=Trust&Sign Root CA v1.0,OU=PKI Services BU,O=MAV INFORMATIKA Kft.,L=Budapest,C=HU

Subject key identifier:

83 CD A1 F9 13 10 86 81 01 1B E1 5C 44 A0 4D F4 5C 61 36 CB

Authority key identifier:

5E 36 20 08 4F AF 02 A4 71 CE EB E4 F0 0A 7D 3A 12 96 F5 42

Valid from:

2006-06-13T00:00:00.000Z   (13 Jun 2006 02:00:00 CEST)

Valid to:

2012-09-05T00:00:00.000Z   (05 Sep 2012 02:00:00 CEST)

Key usage:

nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

37:A2:56:58:06:36:79:31:D1:8A:2C:A2:F4:C4:A6:AF:ED:AE:BE:EB

SHA-256:

FF:3C:FC:B2:1A:C5:F7:44:63:45:93:50:A3:22:8E:1A:C7:88:DC:C5:2C:6F:4C:01:16:79:07:DA:AB:40:69:E2

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100BE38842CB286602BFB9859807093DE176D601B502DD9D94B33CAEBE4AC4F95A2167EF359E821
82BB36881059C76E5F8348BA102B073A1059BA7972E253FBF64C455906D83B57CAA014E73B71777EF25528F88A20D5
A9EF89DD7A67730BB7EE712D8FA8AC335B785477F676C04E569DB44FEAA58E44B67ABD4B9C45A85307016D2F42E177
265219EC1A139CB83171EB4259EDE826043FCB82FD3DB7D81C21099D45363B0082293EA180F8A328E6834BEE10A531
605D397F94097FA6861766E85A169CCF069F73C17971A069A08C3F48665778F5CDCDA463DA6D5AD7421179C89C9FF6
5780ECF1C35706BB03A191194E27369368E5E0A345DFCF0E01C2E0097D1F0203010001

Certificate policies:

1.3.6.1.4.1.14868.3

cPSuri = http://www.mavinformatika.hu/ca/dox_1.htm

userNotice = A tanusitvany ertelmezesehez es elfogadasahoz a Szolgaltato
HSzSz-eben foglaltak szerint kell eljarni, amelyek megtalalhatoak a kovetkezo
internetes web oldalon: http://www.trust-sign.hu

CRL distribution points:

http://crl.trust-sign.hu/RootCA.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIHMTCCBhmgAwIBAgIBDzANBgkqhkiG9w0BAQUFADCBzjELMAkGA1UEBhMCSFUxETAPBgNVBAcT
CEJlZGFwZXN0MR0wGwYDVQQKExRNQVYgSU5GT1JNQVRJS0EgS2Z0LjEYMBYGA1UECxMPUEtJIFNl
cnZpY2VzIEJVMSAwHgYDVQQDDBdUcnVzdCZTaWduIFJvb3QgQ0EgdjEuMDEcMBoGA1UECRMTS3Jp
c3p0aW5hIGtydC4gMzcvQTENMAsGA1UEERMMTAxMjEkMCIGCSqGSIb3DQEJARYVaWNhhQG1hdmlu
Zm9ybWF0aWthLmh1MB4XDTA2MDYxMzAwMDAwMFoXDTEyMDkwNTAwMDAwMFowgdAxHDAaBgNVBAMM
E1RydXN0IFNpZ24gUm9vdCBDQSB2MS4wMRwwGgYDVQQRDAhCdWRhcGVzdDELMAkGA1UEBhMCSFUx
A1UECgwUTUFWIElORk9STUFUSUtBIEtmdC4xGjAYBgNVBAsMEVBLSSBVemxldGkgZWd5c2VnMQ0w
CwYDVQQRDAQxMDEyMRwwGgYDVQQJDBNLcmlzenRpbmEga3J0LiAzNy9hMSgwJgYJKoZIhvcNAQkB
FhloaXRlbGVzQG1hdmluZm9ybWF0aWthLmh1MIIBIjANBgkqhkiG9w0BAQEFAAOCAQ8AMIIBCgKC
AQEAvjiELLKGYCv7mFmAcJPeF21gG1At2dlLM8rr5KxPlaIWfvNZ6CGCuzaIEFnHbl+DSLoQKwc6
EFm6eXLiU/v2TEVZBtg7V8qgF0c7cXd+8lUo+Ioglanvid16Z3MLt+5xLY+orDNbeFR39nbATlad
tE/qpY5Etnq9S5xFqFMHAW0vQuF3JlIZ7BoTnLgxcetCWe3oJgQ/y4L9PbfYHCEJnUU2OwCCKT6h
gPijK0aDS+4QpTFgXTl/lAl/poYXZuhaFpzPBp9zwXlxoGmgjD9IZld49c3NpGPabVrXQhF5yJyf
9leA7PHDVwa7A6GRGU4nNpNo5eCjRd/PDgHC4Al9HwIDAQABo4IDFDCCAxAwDAYDVR0TAQH/BAIw
ADAOBgNVHQ8BAf8EBAMCBkAwFgYDVR0lAQH/BAwwCgYIKwYBBQUHAwgwNAYDVR0fBC0wKzApoCeg
JYYjaHR0cDovL2NybC50cnVzdC1zaWduLmh1L1Jvb3RRDQS5jcmwwQgYIKwYBBQUHAQEENjA0MDIG
CCsGAQUFBzAChiZodHRwOi8vd3d3LnRydXN0N0LXNpZ24uaHUvQ0EvcVJvb3QuY2VydDAfBgNVHSME
GDAWgBReNiAIT68CpHHO6+TwCn06Epb1QjAdBgNVHQ4EFgQUg82h+RMQhoEBG+FcRKBN9FxhNssw
OgYIKwYBBQUHAQsELjAsMCoGCCsGAQUFBzADhh5odHRwczovL3RzYS50cnVzdC1zaWduLmh1l0jEz
MTgwggHgBgNVHSAEggHXMIIB0zCCAc8GCCsGAQQB9BQDMIIBwTA1BggrBgEFBQcCARYpaHR0cDov
L3d3dy5tYXZpbmZvcmlhdGlrYS5odS9jYS9kb3hfMS5odG0wggGGBggrBgEFBQcCAjCCAXgeggF0
AEEAIAB0AGEAbgB1AHMAaQB0AHYAYQBuAHkAIAB1AHIAdABlAGwAbQB1AHoAZQBzAGUAaABlAHoA
IABlAHMAIABlAGwAZgBvAGcAYQBkAGEAcwBhAGgAbwB6ACAAYQAgAFMAegBvAGwAZwBhAGwAdABh
AHQAbwAgAEgAUwB6AFMAegAtAGUAYgBlAG4AIABmAG8AZwBsAGEAbAB0AGEawgAHMAegBlAHIA
aQBuAHQAIABrAGUAbABsACAAZQBsAGoAYQByAG4AaQAsACAAYQBtAGUAbAB5AGUAawAgAG0AZQBn
AHQAYQBsAGEAbABoAGEAdABvAGEAawAgAGEAIABrAG8AdgBlAHQAawBlAHoAbwAgAGkAbgB0AGUA
cgBuAGUAdABlAHMAIAB3AGUAYgAgAG8AbABkAGEAbABvAG4AOgAgAGgAdAB0AHAAOgAvAvAC8AdwB3
AHcALgB0AHIAdQBzAHQALQBzAGkAZwBuAC4AaAB1MA0GCSqGSIb3DQEBBQUAA4IBAQCtAQg42z/h
SomwtQMxfVdi0oZN/vF0lP6huYbeOyj53t9Rbt6OufbuWGdRmJgckvzOzai4wqm0EDPoX72eZjrQ
i5mbIqeA1cOgL2FNESGwMEVvOq7MfTtVuBB592dMtaFMzjiX9FnS2yDlyzkBNttDp5KaCPJg1/R6
5PvdU9Ix03LlwGRlkxiU60zd7+ldA/HTj6HUShGgbqc24ZjWi7NnfoUMz3azn9Qk7VNWxg7mMjdj
4YXgtDZ++t0h+Y/sax3+IazOV9bAkA8/wmh7TuabluTLzRHyn5hlVgPxtqmV9xlgMU2H0QXaQOED
w39pzoUJ0r06P6J45HM4IxpJyah4
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

*In compliance with the provisions laid down in the applicable national
legislation and Regulation (EU) No 910/2014, it indicates that the qualified
status has not been initially granted or has been withdrawn by the Supervisory
Body on behalf of the Member State identified in the "Scheme territory" (see
clause 5.3.10): from the trust service being of a service type specified in
clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3),
and from its trust service provider identified in "TSP name" (see clause 5.4.1)
for the provision of that service.*

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

2.1.8.1. Trust&Sign TSA v2.0

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name:

    English: Trust&Sign TSA v2.0

    Hungarian: Trust&Sign TSA v2.0

Service digital identity: *Subject key identifier:*

83 CD A1 F9 13 10 86 81 01 1B E1 5C 44 A0 4D F4 5C 61 36 CB

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/supervisionceased

> *The validity of the supervision assessment has lapsed without the service identified in "Service digital identity" (see clause 5.5.3) being re-assessed. The service is currently not under supervision any more from the date of the current status as the service is understood to have ceased operations. "Supervision Ceased" status shall be used when a TSP directly ceases its related services under supervision; it shall not be used when supervision has been revoked.*

Status starting time: 2014-08-05T22:00:00.000Z   (06 Aug 2014 00:00:00 CEST)

2.1.8.2. Trust&Sign TSA v2.0

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name: *English:* Trust&Sign TSA v2.0

Hungarian: Trust&Sign TSA v2.0

Service digital identity: *Subject key identifier:*

83 CD A1 F9 13 10 86 81 01 1B E1 5C 44 A0 4D F4 5C 61 36 CB

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2003-09-05T12:20:26.000Z   (05 Sep 2003 14:20:26 CEST)

2.1.9. Trust&Sign TSA v1.0

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA

A time-stamping generation service, not qualified, creating and signing time-stamps tokens.

Service name:

English: Trust&Sign TSA v1.0

Hungarian: Trust&Sign TSA v1.0

Service digital identity: *Subject key identifier:*

A6 2D CC 88 2A AD 60 48 8F 85 F1 C6 FE 88 F0 43 05 86 18 FE

Service digital identity: *Version:*

3

Serial number:

9 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

EMAILADDRESS=ica@mavinformatika.hu,PostalCode=1012,STREET=Krisztina krt. 37/a,CN=Trust&Sign TSA v1.0,OU=PKI Services BU,O=MAV INFORMATIKA Kft.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=ica@mavinformatika.hu,PostalCode=1012,STREET=Krisztina krt. 37/A,CN=Trust&Sign Root CA v1.0,OU=PKI Services BU,O=MAV INFORMATIKA Kft.,L=Budapest,C=HU

Subject key identifier:

A6 2D CC 88 2A AD 60 48 8F 85 F1 C6 FE 88 F0 43 05 86 18 FE

Authority key identifier:

5E 36 20 08 4F AF 02 A4 71 CE EB E4 F0 0A 7D 3A 12 96 F5 42

Valid from:

2003-09-05T12:20:26.000Z   (05 Sep 2003 14:20:26 CEST)

Valid to:

2012-09-05T12:20:26.000Z   (05 Sep 2012 14:20:26 CEST)

Key usage:

nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

61:9C:DE:E8:1F:C5:FE:E1:F6:82:60:77:98:EC:97:DD:D9:40:6F:7D

SHA-256:

37:09:3F:27:78:BC:D3:1D:5D:B6:DC:90:75:FC:0E:FE:85:C4:6E:E5:04:5A:E0:36:ED:C0:B6:72:04:43:52:CE

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100BE38842CB286602BFB9859807093DE176D601B502DD9D94B33CAEBE4AC4F95A2167EF359E821
82BB36881059C76E5F8348BA102B073A1059BA7972E253FBF64C455906D83B57CAA014E73B71777EF25528F88A20D5
A9EF89DD7A67730BB7EE712D8FA8AC335B785477F676C04E569DB44FEAA58E44B67ABD4B9C45A85307016D2F42E177
265219EC1A139CB83171EB4259EDE826043FCB82FD3DB7D81C21099D45363B0082293EA180F8A328E6834BEE10A531
605D397F94097FA6861766E85A169CCF069F73C17971A069A08C3F48665778F5CDCDA463DA6D5AD7421179C89C9FF6
5780ECF1C35706BB03A191194E27369368E5E0A345DFCF0E01C2E0097D1F0203010001

Certificate policies:

1.3.6.1.4.1.14868.3

cPSuri = http://cps.trust-sign.hu

userNotice = A tanusitvany ertelmezesehez es elfogadasahoz a Szolgaltato
HSzSz-eben foglaltak szerint kell eljarni, amelyek megtalalhatoak a kovetkezo
internetes web oldalon: http://www.trust-sign.hu

CRL distribution points:

http://crl.trust-sign.hu/RootCA.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIF3DCCBMSgAwIBAgIBCTANBgkqhkiG9w0BAQUFADCBzjELMAkGA1UEBhMCSFUxETAPBgNVBAcT
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cnZpY2VzIEJVMSAwHgYDVQQDDBdUcnVzdCZTaWduIFJvb3QgQ0EgdjEuMDEcMBoGA1UECRMTS3Jp
c3p0aW5hbGGtydC4gMzcvQTENMAsGA1UEERMEMTAxMjEkMCIGCSqGSIb3DQEJARYVaWNhQG1hdmlu
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AqRxzuvk8Ap9OhKW9UIwHQYDVR0OBBYEFKYtzIgqrWBIj4Xxxv6I8EMFhhj+MA4GA1UdDwEB/wQE
AwIGQDATBgNVHSUEDDAKBggrBgEFBQcDCDCCAREGA1UdIASCAQgwggEEMIIBAAYIKwYBBAH0FAMw
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dGF0byBIU3pTeilYmVuIGZvZ2xhbHRhayBzemVyaW50IGtlbGwgZWxqYXJuaSwgYW1lbHllayBt
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fj/q0IbrI4HgUXWRgKJQtk9aSepqp4bPRA4KWyiJugBYTMtxzDKi+0wdEoVg9rvuBdf768BrZMvN
KqiNnmhUo1dkgpYZJlCoAqNRsWDgNQ==
-----END CERTIFICATE-----

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/deprecatedatnationallevel

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

2.1.9.1. Trust&Sign TSA v1.0

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA

A time-stamping generation service, not qualified, creating and signing time-stamps tokens.

Service name:

English: Trust&Sign TSA v1.0

Hungarian: Trust&Sign TSA v1.0

Service digital identity: *Subject key identifier:*

A6 2D CC 88 2A AD 60 48 8F 85 F1 C6 FE 88 F0 43 05 86 18 FE

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/supervisionceased

The validity of the supervision assessment has lapsed without the service identified in "Service digital identity" (see clause 5.5.3) being re-assessed. The service is currently not under supervision any more from the date of the current status as the service is understood to have ceased operations. "Supervision Ceased" status shall be used when a TSP directly ceases its related services under supervision; it shall not be used when supervision has been revoked.

Status starting time: 2014-08-05T22:00:00.000Z   (06 Aug 2014 00:00:00 CEST)

2.1.9.2. Trust&Sign TSA v1.0

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA

> *A time-stamping generation service, not qualified, creating and signing time-stamps tokens.*

Service name: *English:* Trust&Sign TSA v1.0

          Hungarian: Trust&Sign TSA v1.0

Service digital identity: *Subject key identifier:*

A6 2D CC 88 2A AD 60 48 8F 85 F1 C6 FE 88 F0 43 05 86 18 FE

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2003-09-05T12:20:26.000Z   (05 Sep 2003 14:20:26 CEST)

2.1.10. Trust&CA OTP TSA1 v2.0

<div style="text-align: right">

Provider: 1
Service: 10

</div>

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA

> *A time-stamping generation service, not qualified, creating and signing time-stamps tokens.*

Service name:

English: Trust&CA OTP TSA1 v2.0

Hungarian: Trust&CA OTP TSA1 v2.0

Service digital identity:

Subject key identifier:

D8 CB D0 B5 12 39 E6 DC C5 C8 F5 DE 40 92 5F 2C 42 F3 95 D7

Service digital identity:

Version:

3

Serial number:

14 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

CN=Trust&CA OTP TSA1 v2.0,SURNAME=Trust&CA OTP TSA1 v2.0,O=MÁV INFORMATIKA Zrt.,C=HU,L=Budapest

Issuer:

CN=Trust&CA ROOT v2.0,O=MÁV INFORMATIKA Zrt.,C=HU,L=Budapest

Subject key identifier:

D8 CB D0 B5 12 39 E6 DC C5 C8 F5 DE 40 92 5F 2C 42 F3 95 D7

Authority key identifier:

6E 4E 6C 31 D2 A8 68 50 C2 7A 2B 1C 0F E7 00 63 0C 37 7F 95

Valid from:

2008-07-11T08:05:38.000Z   (11 Jul 2008 10:05:38 CEST)

Valid to:

2013-07-11T08:05:38.000Z   (11 Jul 2013 10:05:38 CEST)

Key usage:

nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

DE:44:8E:81:BC:6E:26:8C:26:31:04:98:BB:19:75:38:DB:FE:B5:34

SHA-256:

1B:8B:59:1A:7D:59:68:80:2B:73:EB:36:74:CC:49:10:AE:02:76:C5:F0:6D:A7:4A:B4:E1:DF:0A:0B:5D:06:84

Public key:

Algorithm, key length:

RSA, 1024

Key value:

30818902818100E2D314AF005567AB6F051D88E6EA32583B2028AEEE3B80611BA9E08E21EA61BC0802F8AF2F4DB5C9
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Certificate policies:

1.3.6.1.4.1.14868.1.2

cPSuri = http://cps.trust-sign.hu

userNotice = A tanusitvany ertelmezesehez es elfogadasahoz a Szolgaltato HSzSz-eben foglaltak szerint kell eljarni, amelyek megtalalhatoak a kovetkezo internetes web oldalon: http://www.trust-sign.hu

CRL distribution points:

http://trust-sign.mavinformatika.hu/CA/MI-ROOT.crl

PEM format:

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G8haeMpXoOjDnFICltVbAJLFzO7HIhpo
-----END CERTIFICATE-----
```

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/deprecatedatnationallevel

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

2.1.10.1. Trust&CA OTP TSA1 v2.0

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA

> *A time-stamping generation service, not qualified, creating and signing time-stamps tokens.*

Service name:

English: Trust&CA OTP TSA1 v2.0

Hungarian: Trust&CA OTP TSA1 v2.0

Service digital identity: *Subject key identifier:*

D8 CB D0 B5 12 39 E6 DC C5 C8 F5 DE 40 92 5F 2C 42 F3 95 D7

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/supervisionceased

> *The validity of the supervision assessment has lapsed without the service identified in "Service digital identity" (see clause 5.5.3) being re-assessed. The service is currently not under supervision any more from the date of the current status as the service is understood to have ceased operations. "Supervision Ceased" status shall be used when a TSP directly ceases its related services under supervision; it shall not be used when supervision has been revoked.*

Status starting time: 2011-11-07T07:25:39.000Z   (07 Nov 2011 08:25:39 CET)

2.1.10.2. Trust&CA OTP TSA1 v2.0

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA

> *A time-stamping generation service, not qualified, creating and signing time-stamps tokens.*

Service name:

    English: Trust&CA OTP TSA1 v2.0

    Hungarian: Trust&CA OTP TSA1 v2.0

Service digital identity: *Subject key identifier:*

D8 CB D0 B5 12 39 E6 DC C5 C8 F5 DE 40 92 5F 2C 42 F3 95 D7

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2008-07-11T08:05:38.000Z   (11 Jul 2008 10:05:38 CEST)

2.1.11. Trust&CA OTP TSA2 v2.0

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA

A time-stamping generation service, not qualified, creating and signing time-stamps tokens.

Service name:

English: Trust&CA OTP TSA2 v2.0

Hungarian: Trust&CA OTP TSA2 v2.0

Service digital identity: *Subject key identifier:*

8E 68 FB FE 86 00 F7 39 83 67 0A FB 71 B6 1D 26 54 0B 79 D6

Service digital identity: *Version:*

3

Serial number:

15 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

CN=Trust&CA OTP TSA2 v2.0,SURNAME=Trust&CA OTP TSA2 v2.0,O=MÁV INFORMATIKA Zrt.,C=HU,L=Budapest

Issuer:

CN=Trust&CA ROOT v2.0,O=MÁV INFORMATIKA Zrt.,C=HU,L=Budapest

Subject key identifier:

8E 68 FB FE 86 00 F7 39 83 67 0A FB 71 B6 1D 26 54 0B 79 D6

Authority key identifier:

6E 4E 6C 31 D2 A8 68 50 C2 7A 2B 1C 0F E7 00 63 0C 37 7F 95

Valid from:

2008-07-11T08:09:07.000Z   (11 Jul 2008 10:09:07 CEST)

Valid to:

2013-07-11T08:09:07.000Z   (11 Jul 2013 10:09:07 CEST)

Key usage:

nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

61:C4:E9:81:E1:64:8D:A5:D8:39:27:07:DB:C9:48:C3:E0:02:0F:9D

SHA-256:

B0:F3:90:B8:2A:FB:78:E1:5B:47:D9:F1:6D:71:F2:7B:D0:80:73:E6:33:B4:74:E3:2C:6A:CD:74:2E:A1:75:92

Public key:

Algorithm, key length:

RSA, 1024

Key value:

30818902818100ED605038BB41EE8FA457181259F60ECB45EE5007C458F39B26281C7B9C2BE13198ED429D88829F5A
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62AF443FECF572B8255C9F4ED961DC0E20BC73BD4D08174B07F30FC327361A798128AA891D7182A1F70203010001

Certificate policies:

1.3.6.1.4.1.14868.1.2

cPSuri = http://cps.trust-sign.hu

userNotice = A tanusitvany ertelmezesehez es elfogadasahoz a Szolgaltato HSzSz-eben foglaltak szerint kell eljarni, amelyek megtalalhatoak a kovetkezo internetes web oldalon: http://www.trust-sign.hu

CRL distribution points:

http://trust-sign.mavinformatika.hu/CA/MI-ROOT.crl

PEM format:

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-----BEGIN CERTIFICATE-----
MIIFbDCCBFSgAwIBAgIBDzANBgkqhkiG9w0BAQUFADBdMREwDwYDVQQHDAhCdWRhcGVzdDELMAkG
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AHIAaQBuAHQAIABrAGUAbABsACAAZQBsAGoAYQByAG4AaQAsACAAYQBtAGUAbAB5AGUAawAgAG0A
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Q4c7qyPdQO5u88o63bVeR7R2N4WMkMGH
-----END CERTIFICATE-----
```

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/deprecatedatnationallevel

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

2.1.11.1. Trust&CA OTP TSA2 v2.0

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA

> *A time-stamping generation service, not qualified, creating and signing time-stamps tokens.*

Service name:

    English: Trust&CA OTP TSA2 v2.0

    Hungarian: Trust&CA OTP TSA2 v2.0

Service digital identity: *Subject key identifier:*

8E 68 FB FE 86 00 F7 39 83 67 0A FB 71 B6 1D 26 54 0B 79 D6

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/supervisionceased

> *The validity of the supervision assessment has lapsed without the service identified in "Service digital identity" (see clause 5.5.3) being re-assessed. The service is currently not under supervision any more from the date of the current status as the service is understood to have ceased operations. "Supervision Ceased" status shall be used when a TSP directly ceases its related services under supervision; it shall not be used when supervision has been revoked.*

Status starting time: 2011-11-07T07:25:59.000Z   (07 Nov 2011 08:25:59 CET)

2.1.11.2. Trust&CA OTP TSA2 v2.0

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA

> *A time-stamping generation service, not qualified, creating and signing time-stamps tokens.*

Service name:

English: Trust&CA OTP TSA2 v2.0

Hungarian: Trust&CA OTP TSA2 v2.0

Service digital identity: *Subject key identifier:*

8E 68 FB FE 86 00 F7 39 83 67 0A FB 71 B6 1D 26 54 0B 79 D6

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2008-07-11T08:09:07.000Z   (11 Jul 2008 10:09:07 CEST)

2.1.12. Info&CA NQKET v3.0

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.

Service name:

English: Info&CA NQKET v3.0

Hungarian: Info&CA NQKET v3.0

Service digital identity: *Subject key identifier:*

BD 3D 0C 1C 40 DC 99 C2 D5 EC 1A E2 56 85 FA 43 A3 5E 46 62

Service digital identity: *Version:*

3

Serial number:

1 132 237 557 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

O=MAV INFORMATIKA Zrt.,L=Budapest,C=HU,CN=Info&CA NQKET v3.0

Issuer:

CN=KGYHSZ (Public Administration Root CA - Hungary),C=hu

Subject key identifier:

BD 3D 0C 1C 40 DC 99 C2 D5 EC 1A E2 56 85 FA 43 A3 5E 46 62

Authority key identifier:

FC 9C E6 C6 B0 0A EA 1F D7 FA 7E 2E 20 05 68 5C 07 4A C2 E2

Valid from:

2009-12-10T16:33:03.000Z   (10 Dec 2009 17:33:03 CET)

Valid to:

2019-12-10T17:03:03.000Z   (10 Dec 2019 18:03:03 CET)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = 0

Thumbprint:

SHA-1:

FA:10:09:C9:85:E8:F8:3E:31:FA:52:16:C7:D0:37:FE:C5:E4:EA:75

SHA-256:

B5:27:34:98:64:F4:FD:DB:31:D3:2B:26:07:98:F7:F6:03:46:26:AC:01:B3:FA:0C:B8:E6:07:10:61:2E:28:0F

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100B15DFA3FC0CCE9C8C6BA6B218DE70A94804E78EADB344084FB5EE6F64B73AEEB19C4B6149F0F
D429EB9E272AE26A6C54385D35619B39A7CD96B0309648A44CD247D5BCD83E13137446BBF52200B56D4B282B696D4F
2ACFB173F9A1E488EE09CD559A092EC3DCEAD87739BB9C27DD4A2E50E4D3D08B2A95F1CBB2FB7AE98982A73B6FB0B8
6B618DB67ADD622498B47601E3B9A1393E0FDF3E414DAEFF492FD532904304809F96B13967C405D37256F7D70A2CC7
52B0F1AD4BEC15C568163D8502E46AEC3112E1EB5F937668B078E2B358E495004F49A97BAF8AA5759E29D0DC82AC51
3BB29433C96111617771E4A25B93CAE734D0C8EF709040AE7906FC4AF7630203010001

Certificate policies:

0.2.216.1.100.42.1.200.2

cPSuri = http://cp.kgyhsz.gov.hu

userNotice = A hitelesítés-szolgáltató egyaránt jogosult közigazgatási
felhasználásra szolgáló, hivatali aláíráshoz és ügyfél által használt aláíráshoz
kapcsolódó tanúsítványok kibocsátására. Minden felelősség kizárva a hitelesítési
rendben foglaltak szerint.

CRL distribution points:

http://crl.kgyhsz.gov.hu/KGYHSZ_CA_20091210.crl

PEM format:

```
-----BEGIN CERTIFICATE-----
MIIGQDCCBSigAwIBAgIEQ3yS9TANBgkqhkiG9w0BAQsFADBIMQswCQYDVQQGEwJodTE5MDcGA1UE
AwwwS0dZSFNaIChQdWJsaWMgQWRtaW5pc3RyYXRpb24gUm9vdCBDQSAtIEh1bmdhcnkpMB4XDTA5
MTIxMDE2MzMwMloXDTE5MTIxMDE3MDMwMlowXDEbMBkGA1UEAwwSSW5mbyZDQSB0UUtFVCB2My4w
MQswCQYDVQQGEwJIVTERMA8GA1UEBwwIQnVkYXBlc3QxHTAbBgNVBAoMFE1BViBJTkZPUk1BVElL
QSBacnQuMIIBIjANBgkqhkiG9w0BAQEFAAOCAQ8AMIIBCgKCAQEAsV36P8DM6cjGumshjecKlIBO
eOrbNECE+17m9ktzrusZxLYUnw/UKeueJyriamxU0F01YZs5p82WsDCWSKRM0kfVvNg+ExN0Rrv1
IgC1bUsoK2ltTyrPsXP5oeSI7gnNVZoJLsPc6th30bucJ91KLlDk09CLKpXxy7L7eumJgqc7b7C4
a2GNtnrdYiSYtHYB47mhOT4P3z5BTa7/SS/VMpBDBICflrE5Z8QF03JW99cKLMdSsPGtS+wVxWgW
PYUC5GrsMRLh61+Tdmiwe0KzWOSVAE9JqXuviqVlninQ3IKsUTuylDPJYRFhd3HkoluTyuc00Mjv
cJBArnkG/Er3YwIDAQABo4IDHDCCAxgwDgYDVR0PAQH/BAQDAgEGMBIGA1UdEwEB/wQIMAYBAf8C
AQAwggJIBgNVHSAEggI/MIICOzCCAjcGCgKBWAFkKgGBSAIwggInMCMGCCsGAQUFBwIBFhodofHRw
Oi8vY3Aua2d5aHN6Lmdvdi5odTCCAf4GCCsGAQUFBwICMIIB8B6CAewwAQQAgAGgAaQB0AGUAbABl
AHMA7QB0AOkAcwAtAHMAegBvAGwAZwDhAGwAdABhAHQA8wAgAGUAZwB5AGEAcgDhAG4AdAAgAGoA
bwBnAG8AcwB1AGwAdAAgAGsA9gB6AGkAZwBhAHoAZwBhAHQA4QBzAGkAIABmAGUAbABoAGEAcwB6
AG4A4QBsAOEAcwByAGEAIABzAHoAbwBsAGcA4QBsAPMALAAgAGgAaQB2AGEAdABhAGwAaQAgAGEA
bADhAO0AcgDhAHMAaABvAHoAIADpAHMAIAD8AGcAeQBmAOkAbAAgAGEAbAB0AGEAbAAgAGgAYQBz
AHoAbgDhAGwAdAAgAGEAbADhAO0AcgDhAHMAaABvAHoAIABrAGEAcABjAHMAbwBsAPMAZADzACAA
dABhAG4A+gBzAO0AdAB2AO0AbgB5AG8AawAgAGsAaQBiAG8AYwByAO0AdAHhAHMA4QByAGEALgAg
AE0AaQBuAGQAZQBuACAAZgBlAGwAZQBsAVEAcwBzAOkAZwAgAGsAaQB6AOEAcgB2AGEAIABhACAA
aABpAHQAZQBsAGUAcwDtAHQA6QBzAGkAIAByAGUAbgBkAGIAZQBuACAAZgBvAGcAbABhAHoAGwAdABh
AGsAIABzAHoAZQByAGkAbgB0AC4wQAYDVR0fBDkwNzA1oDOgMYYvaHR0cDovL2NybC5rZ3loc3ou
Z292Lmh1L0tHWUhTWl9DQV8yMDA5MTIxMC5jcmwwJAYDVR0RBB0wG4EZaGl0ZWxlc0BtYXZpbmZv
cmlhdGlrYS5odTAfBgNVHSMEGDAWgBT8n0bGsArqH9f6fi4gBWhcB0rC4jAdBgNVHQ4EFgQUvT0M
HEDcmcLV7BriVoX6Q6NeRmIwDQYJKoZIhvcNAQELBQADggEBAGPaoqT2o1QWEXFX9rm5B54zYlKJ
6pRbOTxCxXdQmY4E6HAk4yc+u82lG9s/ufPWWeB7/YGq67i7cDz1aJTXCuP0f80pjEx+Sr7liSTT
4wIJZoRXFHyEuqHGzrGb2VQkSKE0tDu13m3LJJbZQXN//iYSi/6fOBzqPLuFJX4vRkzzMCA1RYzm
JQv8qif4oasqASN43LLtzaaSZxjhB+rKhIOvK8jLIf5f9xbqVuhItr/aT7e5tUxUytJ/3YwdvpcA
6Euw3sbpZnZ1+9TkUDPJXOBrpgwW7PTpo43/mo2MwAXmneqndIP+ko+qn2XXwV6ybokfKtUZOWOg
WFp/O+XQ++Y=
-----END CERTIFICATE-----
```

Service status:	http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/deprecatedatnationallevel
Status starting time:	2016-06-30T22:00:00.000Z (01 Jul 2016 00:00:00 CEST)

2.1.12.1. Info&CA NQKET v3.0

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

> *A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.*

Service name:

English: Info&CA NQKET v3.0

Hungarian: Info&CA NQKET v3.0

Service digital identity:

Subject key identifier:

BD 3D 0C 1C 40 DC 99 C2 D5 EC 1A E2 56 85 FA 43 A3 5E 46 62

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/supervisionceased

> *The validity of the supervision assessment has lapsed without the service identified in "Service digital identity" (see clause 5.5.3) being re-assessed. The service is currently not under supervision any more from the date of the current status as the service is understood to have ceased operations. "Supervision Ceased" status shall be used when a TSP directly ceases its related services under supervision; it shall not be used when supervision has been revoked.*

Status starting time: 2014-08-05T22:00:00.000Z   (06 Aug 2014 00:00:00 CEST)

2.1.12.2. Info&CA NQKET v3.0

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.

Service name:

English: Info&CA NQKET v3.0

Hungarian: Info&CA NQKET v3.0

Service digital identity: *Subject key identifier:*

BD 3D 0C 1C 40 DC 99 C2 D5 EC 1A E2 56 85 FA 43 A3 5E 46 62

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2011-12-31T23:00:00.000Z   (01 Jan 2012 00:00:00 CET)

2.1.13. Info&CA NQKET v4.0

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

> *A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.*

Service name:

English: Info&CA NQKET v4.0

Hungarian: Info&CA NQKET v4.0

Service digital identity: *Subject key identifier:*

05 FE 8E EC 48 EF 06 56 D3 BA 82 E0 E7 CB E1 8A 7A CA 60 3B

Service digital identity: *Version:*

3

Serial number:

1 132 238 634 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

O=MÁV Szolgáltató Központ Zrt.,L=Budapest,C=HU,CN=Info&CA NQKET v4.0

Issuer:

CN=KGYHSZ (Public Administration Root CA - Hungary),C=hu

Subject key identifier:

05 FE 8E EC 48 EF 06 56 D3 BA 82 E0 E7 CB E1 8A 7A CA 60 3B

Authority key identifier:

FC 9C E6 C6 B0 0A EA 1F D7 FA 7E 2E 20 05 68 5C 07 4A C2 E2

Valid from:

2013-06-07T11:18:00.000Z   (07 Jun 2013 13:18:00 CEST)

Valid to:

2023-06-07T11:48:00.000Z   (07 Jun 2023 13:48:00 CEST)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = 0

Thumbprint:

SHA-1:

58:18:46:C0:B5:A1:BB:1C:2F:AE:CE:EE:14:FE:E6:95:62:A9:66:05

SHA-256:

BF:45:B2:7B:F3:B0:4E:17:89:D8:1A:EF:AA:AD:DA:FB:89:85:5F:C6:43:66:D7:4E:4A:D4:F2:BE:64:34:9C:82

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100B0E9F1057E4A79BC574F7CA67955F78D84A743857EEE326D9770A5180B1C56CBA0D5797C6202
A6E885FF93C16EAB99BF00514CDB860106C93B99BF04B209FD4CA3A92547A872777D2BC8FFF018D4FC2216D1FC710D
771816AAA7F27E195A6E7ADECAE3DCD3BDBFCCAB87BF0CBAB468257CBE2E6A3D9C13F6AA9593DCC621B7E615F04831
D535A83389CDBB0F300E52E4B6BDE1707AC359B8ABE78CF138CCDA5405B5AEB4EBE0090323D6FDE11D2789BC9237C1
3FDC66E07B562DC1B56AE29C0B9824790B8108AC168267CD47815D1C1A0359C9743C5FEFAA3B5766C3D768154C1F9E
D5F2B7828E858C0A9EEA6E6301F7DE8286E8597AD59E52A4BE54EEBFEDC50203010001

Certificate policies:

0.2.216.1.100.42.1.200.2

cPSuri = http://cp.kgyhsz.gov.hu

userNotice = A hitelesítés-szolgáltató egyaránt jogosult közigazgatási
felhasználásra szolgáló, hivatali aláíráshoz és ügyfél által használt aláíráshoz
kapcsolódó tanúsítványok kibocsátására. Minden felelősség kizárva a hitelesítési
rendben foglaltak szerint.

CRL distribution points:

http://crl.kgyhsz.gov.hu/KGYHSZ_CA_20091210.crl

PEM format:

```
-----BEGIN CERTIFICATE-----
MIIGTDCCBTSgAwIBAgIEQ3yXKjANBgkqhkiG9w0BAQsFADBIMQswCQYDVQQGEwJodTE5MDcGA1UE
AwwwS0dZSFNaIChQdWJsaWMgQWRtaW5pc3RyYXRpb24gUm9vdCBDQSAtIEh1bmdhcnkpMB4XDTEz
MDYwNzExMTgwMFoXDTIzMDYwNzExNDgwMFowaDEbMBkGA1UEAwwSSW5mbyZDQSB0UUtFVCB2NC4w
MQswCQYDVQQGEwJIVTERMA8GA1UEBwwIQnVkYXBlc3QxKTAnBgNVBAoMIE3DgVYgU3pvbGfDoWx0
YXTDsyBLw7Z6cG9udCBacnQuMIIBIjANBgkqhkiG9w0BAQEFAAOCAQ8AMIIBCgKCAQEAsOnxBX5K
ebxXT3ymeVX3jYSnQ4V+7jJtl3ClGAscVsug1Xl8YgKm6IX/k8Fuq5m/AFFM24YBBsk7mb8Esgn9
TKOpJUeocnd9K8j/8BjU/CIW0fxxDXcYFqqn8n4ZWm563srj3NO9v8yrh78MurRoJXy+Lmo9nBP2
qpWT3MYht+YV8Egx1TWoM4nNuw8wDlLktr3hcHrDWbir54zx0MzaVAW1rrTr4AkDI9b94R0nibyS
N8E/3Gbge1YtwbVq4pwLmCR5C4EIrBaCZ81HgV0cGgNZyXQ8X++qO1dmw9doFUwfntXyt4KOhYwK
nupuYwH33oKG6Fl61Z5SpL5U7r/txQIDAQABo4IDHDCCAxgwDgYDVR0PAQH/BAQDAgEGMBIGA1Ud
EwEB/wQIMAYBAf8CAQAwggJIBgNVHSAEggI/MIICOzCCAjcGCgKBWAFKKgGBSAIwggInMCMGCCsG
AQUFBwIBFhodHRw0i8vY3Aua2d5aHN6Lmdvdi5odTCCAf4GCCsGAQUFBwICMIIB8B6CAewAQQAg
AGgAaQB0AGUAbABlAHMA7QB0AOkAcwAtAHMAegBvAGwAZwDhAGwAdABhAHQA8wAgAGUAZwB5AGEA
cgDhAG4AdAAgAGoAbwBnAG8AcwB1AGwAdAAgAGsA9gB6AGkAZwBhAHoAZwBhAHQA4QBzAGkAIABm
AGUAbABoAGEAcwB6AG4A4QBsAOEAcwByAGEAIABzAHoAbwBsAGcA4QBsAOEAcwBhAGgAgAqB2AGEA
dABhAGwA4QBpAGEAbADhA00AcgDhAHMAaABvAHoAIADpAHMAIAD8AGcAeQBmAOkAbABhAGwAIABh
AGEAbABAgAGgAYQBzAHoAbgDhAGwAdAAgAGEAbADhA00AcgDhAHMAaABvAHoAIABrAGEAcABjAHMA
bwBsAPMAZADzACAAdABhAG4A+gBzA00AdAB2AOEAbgB5AG8AawAgAGsAaQBiAG8AYwBzAOEAdADh
AHMA4QByAGEALgAgAE0AaQBuAGQAZQBuACAAZgBlAGwAZQBsAVEAcwBzAOkAZwAgAGsAaQB6AOEA
cgB2AGEAIABhACAAaABpAHQAZQBsAGUAcwDtAHQA6QBzAGkAIAByAGUAbgBkAGIAZQBuACAAZgBv
AGcAbABhAGwAdABhAGsAIABzAHoAZQByAGkAbgB0AC4wQAYDVR0fBDkwNzA1oDOgMYYvaHR0cDov
L2NybC5rZ3loc3ouZ292Lmh1L0tHWUhTWl9DQV8yMDA5MTIxMC5jcmwwJAYDVR0RBB0wG4EZaGl0
ZWxlc0BtYXZpbmZvcm1hdGlrYS5odTAfBgNVHSMEGDAWgBT8nObGsArqH9f6fi4gBWhcB0rC4jAd
BgNVHQ4EFgQUBf607EjvBlbTuoLg58vhinrKYDswDQYJKoZIhvcNAQELBQADggEBAIGUyLZ5ekZC
jUooRrug08K8q67328bU4O1lQOc9KaqvqTnqrGgNtG0HbUyo1jI0iy+h4wat0gp/FvpoWvzPk53Q
f7D2N/CJT2fStb1e4xPlg7kDhb9zd4osAAVifr201pkjlSMMI37/P7lCoQZ0PvzyK7ahWHJ9+hFq
W8fGtT9l+Mf0pn50IuliK+ktj+bEK535x0l0TE0C9lv0CiRxCPUbQ+yYaIalewWzPCYR43btFvQC
/QXv1KT+AGaT0y952qoaVhwFcp5VTpaJfSX/+zMTp2fCzrOE5v52f+9PAoXJWNYvFo3MB8sh1Eae
BLINsE+ZHt3/Oek2cPPvqtTHjjM=
-----END CERTIFICATE-----
```

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/deprecatedatnationallevel

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

2.1.13.1. Info&CA NQKET v4.0

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.

Service name:

English: Info&CA NQKET v4.0

Hungarian: Info&CA NQKET v4.0

Service digital identity: *Subject key identifier:*

05 FE 8E EC 48 EF 06 56 D3 BA 82 E0 E7 CB E1 8A 7A CA 60 3B

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/supervisionceased

The validity of the supervision assessment has lapsed without the service identified in "Service digital identity" (see clause 5.5.3) being re-assessed. The service is currently not under supervision any more from the date of the current status as the service is understood to have ceased operations. "Supervision Ceased" status shall be used when a TSP directly ceases its related services under supervision; it shall not be used when supervision has been revoked.

Status starting time: 2014-08-05T22:00:00.000Z   (06 Aug 2014 00:00:00 CEST)

2.1.13.2. Info&CA NQKET v4.0

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

> *A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.*

Service name:

English: Info&CA NQKET v4.0

Hungarian: Info&CA NQKET v4.0

Service digital identity: *Subject key identifier:*

05 FE 8E EC 48 EF 06 56 D3 BA 82 E0 E7 CB E1 8A 7A CA 60 3B

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2013-06-26T10:00:00.000Z   (26 Jun 2013 12:00:00 CEST)

2.1.14. Info&CA TSA v4.0

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name:

English: Info&CA TSA v4.0

Hungarian: Info&CA TSA v4.0

Service digital identity: *Subject key identifier:*

6F 44 C7 3B DF 03 8F 3F AF 86 38 0F FF 50 49 C3 CB BA 85 7F

Service digital identity: *Version:*

3

Serial number:

1 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

CN=Info&CA TSA v4.0,SURNAME=Info&CA TSA v4.0,O=MÁV Szolgáltató Központ Zrt.,C=HU,L=Budapest

Issuer:

O=MÁV Szolgáltató Központ Zrt.,L=Budapest,C=HU,CN=Info&CA NQKET v4.0

Subject key identifier:

6F 44 C7 3B DF 03 8F 3F AF 86 38 0F FF 50 49 C3 CB BA 85 7F

Authority key identifier:

05 FE 8E EC 48 EF 06 56 D3 BA 82 E0 E7 CB E1 8A 7A CA 60 3B

Valid from:

2013-06-17T09:13:46.000Z   (17 Jun 2013 11:13:46 CEST)

Valid to:

2018-06-17T09:13:46.000Z   (17 Jun 2018 11:13:46 CEST)

Key usage:

nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

8E:5B:37:02:3B:D3:3F:99:A3:D1:31:97:FB:26:4E:AF:58:B3:13:60

SHA-256:

94:6A:C0:EE:6E:33:32:90:62:33:CF:5F:F7:DA:04:B7:D0:7D:02:F0:40:BC:8B:36:14:D1:DE:E8:A4:BE:B8:BC

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A028201010098A5FFB12EC477FBA7AFF201AA95CBEA1A63E8DBFA32004101D61D181C6B04DF5C9635F25807
81092EC84BCCD6FD18CFBBF9CF25F932B9B242B8F71E41CBF43C88A16CA2F0C82BE5D357B7361BEE8F9E8CE306D2C8
D254696B9DF19B6644B7705085ED048F3B27356947457161B16B0EF1015C086774571D345EA5576D307614F01B6C81
9C0E6BB318D0BD5EA059948E9DBEA28C045C33FF85636A019413CA392348056D0C6DF02E82508850D9114601BEE4E0
93B60DE2869398A12569F91FCDDF5DCA21CCC9C0EC0281C6D6CB55DA12C63A0D5CCE730B3DB13332D87FEBF4624B23
84B04B2B956BC9D52CEF7B57A00E8BD5394B6BA502FAB9CC0EF2413B0E650203010001

Certificate policies:

1.3.6.1.4.1.14868.1.2

cPSuri = http://hiteles.mavinformatika.hu

userNotice = A tanusitvany ertelmezesehez es elfogadasahoz a Szolgaltato
HSzSz-eben foglaltak szerint kell eljarni, amelyek megtalalhatoak a kovetkezo
internetes web oldalon: http://hiteles.mavinformatika.hu

CRL distribution points:

http://nqca.mavinformatika.hu/crl/MSZK-NQKET.crl

PEM format:

```
-----BEGIN CERTIFICATE-----
MIIGEDCCBPigAwIBAgIBATANBgkqhkiG9w0BAQsFADBoMRswGQYDVQQDDBJJbmZvJkNBIE5RS0VU
IHY0LjAxCzAJBgNVBAYTAkhVMREwDwYDVQQHDAhCdWRhcGVzdDEpMCcGA1UECgwgTcOBViBTem9s
Z8OhbHRhdMOzIEvDtnpwb250IFpydC4wHhcNMTMwNjE3MDkxMzQ2WhcNMTgwNjE3MDkxMzQ2WjCB
gTERMA8GA1UEBwwIQnVkYXBlc3QxCzAJBgNVBAYTAkhVMSkwJwYDVQQKDCBNw4FWIFN6b2xnw6Fs
dGF0w7MgS8O2enBvbnQgWnJ0LjEZMBcGA1UEBawQSW5mbyZDQSBUU0EgdjQuMDEZMBcGA1UEAwwQ
SW5mbyZDQSBUU0EgdjQuMDCCASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAJil/7EuxHf7
p6/yAaqVy+oaY+jb+jIAQQHWHRgcawTfXJY18lgHgQkuyEvM1v0Yz7v5zyX5MrmyQrj3HkHL9DyI
oWyi8Mgr5dNXtzYb7o+ej0MG0sjSVGlrnfGbZkS3cFCF7QSP0yc1aUdFcWGxaw7xAVwIZ3RXHTRe
pVdtMHYU8BtsgZwOa7MY0L1eoFmUjp2+oowEXDP/hWNqAZQTyjkjSAVtDG3wLoJQiFDZEUYBvuTg
k7YN4oaTmKElafkfzd9dyiHMycDsAoHG1stV2hLGOglcznMLPbEzMth/6/RiSyOEsEsrlWvJ1Szv
elegDovV0UtrpQL6ucw08kE7DmUCAwEAAaOCAqkwggKlMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/
BAQDAgZAMBYGA1UdJQEB/wQMMAoGCCsGAQUFBwMIMEEGA1UdHwQ6MDgwNqA0oDKGMGh0dHA6Ly9u
cWNhLm1hdmluZm9ybWF0aWthLmh1L2NybC9NU1pLLU5RS0VULmNybDAdBgNVHQ4EFgQUb0THO98D
jz+vhjgP/lBJw8u6hX8wHwYDVR0jBBgwFoAUBf6O7EjvBlbTuoLg58vhinrKYDswggHoBgNVHSAE
ggHfMIIB2zCCAdcGCSsGAQQB9BQBAjCCAcgwLAYIKwYBBQUHAgEWIGh0dHA6Ly9oaXRlbGVzLm1h
dmluZm9ybWF0aWthLmh1MIIBlgYIKwYBBQUHAgIwggGIHoIBhABBACAAdABhAG4AdQBzAGkAdAB2
AGEAbgB5ACAAZQByAHQAZQBsAG0AZQB6AGUAcwBlAGgAZQB6ACAAZQBzACAAZQBsAGYAbwBnAGEA
ZABhAHMAYQBoAG8AegAgAGEAIABTAHoAbwBsAGcAYQBsAHQAYQB0AGEAIABIAFMAegBTAHoALQBl
AGIAZQBuACAAZgBvAGcAbABhAGwAdABhAGsAIABzAHoAZQByAGkAbgB0ACAAawBlAGwAbAAgAGUA
bABqAGEAcgBuAGkALAAgAGEAbQBlAGwAeQBlAGsAIABtAGUAZwB0AGEAbABhAGwAaABhAHQAbwBh
AGsAIABhACAAawBvAHYAZQB0AGsAZQB6AG8AIABpAG4AdABlAHIAbgBlAHQAZQBzACAAdwBlAGIA
IABvAGwAZABhAGwAbwBuADoAIABoAHQAdABwADoALwAvAGgAaQB0AGUAbABlAHMALgBtAGEAdgBp
AG4AZgBvAHIAbQBhAHQAaQBrAGEALgBoAHUwDQYJKoZIhvcNAQELBQADggEBAB3kxJtTgGlJYXxd
P72bf7h2zY9VMGr/lgnwhIFkioV1gQ6yh2vyGlSSyuTNqR083YlROuAMjxNMm2JTniN8aX0fjr+v
ElyYk2NwyT8TwY0YF5q0M4gcPkXh3QfcoZuhDRDuCyGEUEV30L6m9OwaoPfdmjLhUBUVC9aan1xJ
U7mwWDmMS6A3p2maAgTD8iI/UxbmNOWBfez/Irhd10zRi08EdhpS5aH9wjs+al7qPDc6NqLlQm5O
w/cXnBAGP0nMQ60iHlQ7qr1TAuFr9jIrAWWE0Gl8h1K+b4G3+tgYrl/B3lJ3AlvtY2mgJmVaxrHa
ziKkFBjp7kXShW2omX7zQKs=
-----END CERTIFICATE-----
```

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

2.1.14.1. Info&CA TSA v4.0

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name:
  English: Info&CA TSA v4.0

  Hungarian: Info&CA TSA v4.0

Service digital identity: *Subject key identifier:*

6F 44 C7 3B DF 03 8F 3F AF 86 38 0F FF 50 49 C3 CB BA 85 7F

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/supervisionceased

> *The validity of the supervision assessment has lapsed without the service identified in "Service digital identity" (see clause 5.5.3) being re-assessed. The service is currently not under supervision any more from the date of the current status as the service is understood to have ceased operations. "Supervision Ceased" status shall be used when a TSP directly ceases its related services under supervision; it shall not be used when supervision has been revoked.*

Status starting time: 2014-08-05T22:00:00.000Z   (06 Aug 2014 00:00:00 CEST)

2.1.14.2. Info&CA TSA v4.0

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:
English: Info&CA TSA v4.0

Hungarian: Info&CA TSA v4.0

Service digital identity: *Subject key identifier:*

6F 44 C7 3B DF 03 8F 3F AF 86 38 0F FF 50 49 C3 CB BA 85 7F

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2011-11-07T07:00:47.000Z   (07 Nov 2011 08:00:47 CET)

2.1.15. Info&CA TSA v3.0

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA

> *A time-stamping generation service, not qualified, creating and signing time-stamps tokens.*

Service name: *English:* Info&CA TSA v3.0

Hungarian: Info&CA TSA v3.0

Service digital identity: *Subject key identifier:*

6F 44 C7 3B DF 03 8F 3F AF 86 38 0F FF 50 49 C3 CB BA 85 7F

Service digital identity: *Version:*

3

Serial number:

2 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

CN=Info&CA TSA v3.0,SURNAME=Info&CA TSA v3.0,O=MÁV INFORMATIKA Zrt.,C=HU,PostalCode=1201,L=Budapest,STREET=Krisztina Krt. 37/A

Issuer:

CN=Info&CA ROOT v3.0,O=MÁV INFORMATIKA Zrt.,C=HU,L=Budapest

Subject key identifier:

6F 44 C7 3B DF 03 8F 3F AF 86 38 0F FF 50 49 C3 CB BA 85 7F

Authority key identifier:

F4 EB AF 94 1D 62 AD 2C 49 DE 98 94 B2 CD E2 31 64 12 96 04

Valid from:

2011-11-07T07:00:47.000Z   (07 Nov 2011 08:00:47 CET)

Valid to:

2016-11-06T07:00:47.000Z   (06 Nov 2016 08:00:47 CET)

Key usage:

nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

FA:11:58:50:90:69:A0:F3:39:7F:E3:AF:4D:51:DF:D2:0C:66:F3:D8

SHA-256:

CE:27:A9:4A:5F:10:B4:AA:A7:F1:AA:B8:01:B6:F1:A6:02:62:87:77:CD:81:C6:13:4F:88:10:94:0E:0D:B3:96

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A028201010098A5FFB12EC477FBA7AFF201AA95CBEA1A63E8DBFA32004101D61D181C6B04DF5C9635F25807
81092EC84BCCD6FD18CFBBF9CF25F932B9B242B8F71E41CBF43C88A16CA2F0C82BE5D357B7361BEE8F9E8CE306D2C8
D254696B9DF19B6644B7705085ED048F3B27356947457161B16B0EF1015C086774571D345EA5576D307614F01B6C81
9C0E6BB318D0BD5EA059948E9DBEA28C045C33FF85636A019413CA392348056D0C6DF02E82508850D9114601BEE4E0
93B60DE2869398A12569F91FCDDF5DCA21CCC9C0EC0281C6D6CB55DA12C63A0D5CCE730B3DB13332D87FEBF4624B23
84B04B2B956BC9D52CEF7B57A00E8BD5394B6BA502FAB9CC0EF2413B0E650203010001

Certificate policies:

1.3.6.1.4.1.14868.1.2

cPSuri = http://cps.trust-sign.hu

userNotice = A tanusitvany ertelmezesehez es elfogadasahoz a Szolgaltato HSzSz-eben foglaltak szerint kell eljarni, amelyek megtalalhatoak a kovetkezo internetes web oldalon: http://www.trust-sign.hu

CRL distribution points:

http://qca.mavinformatika.hu/crl/MI-ROOT-SHA2.crl

PEM format:

```
-----BEGIN CERTIFICATE-----
MIIGDzCCBPegAwIBAgIBAjANBgkqhkiG9w0BAQsFADBcMREwDwYDVQQHDAhCdWRhcGVzdDELMAkG
A1UEBhMCSFUxHjAcBgNVBAoMFU3DgVYgSU5GT1JNQVRJS0EgWnJ0LjEaMBgGA1UEAwwRSW5mbyZD
QSBST09UIHYzLjAwHhcNMTExMTA3MDcwMDQ3WhcNMTYxMTA2MDcwMDQ3WjCBozEcMBoGA1UECQwT
S3Jpc3p0aW5hIEtydC4gMzcvQTERMA8GA1UEBwwIQnVkYXBlc3QxDTALBgNVBBEMBDEyMDExCzAJ
BgNVBAYTAkhVMR4wHAYDVQQKDBVNw4FWIElORk9STUFUSUtBIFpydC4xGTAXBgNVBAQMEEluZm8m
Q0EgVFNBIHYzLjAxGTAXBgNVBAMMEEluZm8mQ0EgVFNBIHYzLjAwggEiMA0GCSqGSIb3DQEBAQUA
A4IBDwAwggEKAoIBAQCYpf+xLsR3+6ev8gGqlcvqGmPo2/oyAEEBlh0YHGsE31yWNfJYB4EJLshL
zNb9GM+7+c8l+TK5skK49x5By/Q8iKFsovDIK+XTV7c2G+6PnozjBtLI0lRpa53xm2ZEt3BQhe0E
jzsnNWlHRXFhsWsO8QFcCGd0Vx00XqVXbTB2FPAbbIGcDmuzGNC9XqBZlI6dvqKMBFwz/4VjagGU
E8o5I0gFbQxt8C6CUIhQ2RFGAb7k4JO2DeKGk5ihJWn5H83fXcohzMnA7AKBxtbLVdoSxjoNXM5z
Cz2xMzLYf+v0YksjhLBLK5VrydUs73tXoA6L1TlLa6UC+rnMDvJBOw5lAgMBAAGjggKSMIICjjAM
BgNVHRMBAf8EAjAAMA4GA1UdDwEB/wQEAwIGQDAWBgNVHSUBAf8EDDAKBggrBgEFBQcDCDBCBgNV
HR8EOzA5MDegNaAzhjFodHRwOi8vcWNhLm1hdmluZm9ybWF0aWthLmh1L2NybC9NSS1ST09ULVNI
QTIuY3JsMB0GA1UdDgQWBBRvRMc73wOPP6+GOA//UEnDy7qFfzAfBgNVHSMEGDAWgBT066+UHWKt
LEnemJSyzeIxZBKWBDCCAdAGA1UdIASCAccwggHDMIIBvwYJKwYBBAH0FAECMIIBsDAkBggrBgEF
BQcCARYYaHR0cDovL2Nwcy50cnVzdC1zaWduLmh1MIIBhgYIKwYBBQUHAgIwggF4HoIBdABBACAA
dABhAG4AdQBzAGkAdAB2AGEAbgB5ACAAZQByAHQAZQBsAG0AZQB6AGUAcwBlAGgAZQB6ACAAZQBz
ACAAZQBsAGYAbwBnAGEAZABhAHMAYQBoAG8AegAgAGEAIABTAHoAbwBsAGcAYQBsAHQAYQB0AG8A
IABIAFMAegBTAHoALQBlAGIAZQBuACAAZgBvAGcAbABhAGwAdABhAGsAIABzAHoAZQByAGkAbgB0
ACAAawBlAGwAbABgAGUAbABqAGEAcgBuAGkALAAgAGEAbQBlAGwAeQBlAGsAIABtAGUAZwB0AGEA
bABhAGwAaABhAHQAbwBhAHAAGsAIABhACAAawBvAHYAZQB0AGsAZQB6AG8AIABpAG4AdABlAHIAbgBl
AHQAZQBzACAAdwBlAGIAIABvAGwAZABhAGwAbwBuAUDoAIABoAHQAdABwADoAvAHcAvAHcAdwB3AC4A
dAByAHUAcwB0AC0AcwBpAGcAbgAuAGgAdTANBgkqhkiG9w0BAQsFAA0CAQEARcmTfSRgLkVBR6Fx
F3yolcjttGMRBdU34qGMXsTbcBgtbbyGA7bzv3F5olsJ05DDYhOZlt9ds0D7rdPK2mjBFefZPt/K
REF+964jNigr4ReWhLDpMfe3nJdoxQPo6rT8Hy8MrXk7g2gZ1Jphtddc4rj+hl2zJLOX3zlHeR/P
He3OPMexot3q+uldKQzyvOHgDznOuYhf7qaEWuPgYBU7mO62GcS+fYFj2aTvxMoVt0C25tYoqnp9
gPVPVDBAaaK8BSikDkIEFXLEZpru0xmGuqPtu9vd6DFnMmzNsQC4sE5jscuyX+7y6ZVGfSClMvY4
PlfHKah/yj6QiMVrnGPeJw==
-----END CERTIFICATE-----
```

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/deprecatedatnationallevel

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

2.1.15.1. Info&CA TSA v3.0

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA

> *A time-stamping generation service, not qualified, creating and signing time-stamps tokens.*

Service name: *English:* Info&CA TSA v3.0

   Hungarian: Info&CA TSA v3.0

Service digital identity: *Subject key identifier:*

6F 44 C7 3B DF 03 8F 3F AF 86 38 0F FF 50 49 C3 CB BA 85 7F

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/supervisionceased

> *The validity of the supervision assessment has lapsed without the service identified in "Service digital identity" (see clause 5.5.3) being re-assessed. The service is currently not under supervision any more from the date of the current status as the service is understood to have ceased operations. "Supervision Ceased" status shall be used when a TSP directly ceases its related services under supervision; it shall not be used when supervision has been revoked.*

Status starting time: 2014-08-05T22:00:00.000Z   (06 Aug 2014 00:00:00 CEST)

2.1.15.2. Info&CA TSA v3.0

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA

> *A time-stamping generation service, not qualified, creating and signing time-stamps tokens.*

Service name: *English:* Info&CA TSA v3.0

             Hungarian: Info&CA TSA v3.0

Service digital identity: *Subject key identifier:*

6F 44 C7 3B DF 03 8F 3F AF 86 38 0F FF 50 49 C3 CB BA 85 7F

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2011-11-07T07:00:47.000Z   (07 Nov 2011 08:00:47 CET)

2.2. Microsec Micro Software Engineering & Consulting Private Company Limited by Shares

Provider: 2

TSP name:	*English:*	Microsec Micro Software Engineering & Consulting Private Company Limited by Shares
	Hungarian:	Microsec Számítástechnikai Fejlesztő zártkörűen működő Részvénytársaság
TSP trade name:	*English:*	Microsec Ltd.
	Hungarian:	Microsec zrt.
	English:	VATHU-23584497
	Hungarian:	VATHU-23584497
	English:	Microsec Kft.
	Hungarian:	Microsec Kft.

TSP address:

Postal address (English):

Street address:	Záhony u. 7.
Locality:	Budapest
Postal code:	1031
Country name:	HU

Electronic address

Hungarian:	https://e-szigno.hu
English:	mailto:info@e-szigno.hu
English:	https://e-szigno.hu/en/

TSP information URI: *English:*

https://srv.e-szigno.hu/menu/index.php?lap=english_dokszab

Hungarian:

https://srv.e-szigno.hu/index.php?lap=dokszab

2.2.1. Qualified e-Szigno CA

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/QC

> *A qualified certificate issuing trust service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services, and under which are provided the relevant and related revocation and certificate validity status information services (e.g. CRLs, OCSP responses) in accordance with EU Directive 1999/93/EC or with Regulation (EU) No 910/2014 whichever is in force at the time of provision. This may also include generation and/or management of the associated private keys on behalf of the certified entity.*

Service name:

 English: Qualified e-Szigno CA

 Hungarian: Qualified e-Szigno CA

Service digital identity: *Subject key identifier:*

FA 94 27 E7 5A 49 E8 14 E0 AA C8 5F 06 EF 43 27 93 BD 33 E5

Service digital identity: *Version:*

3

Serial number:

322 208 168 739 973 695 325 576 137 982 964 291 032 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

CN=Qualified e-Szigno CA,OU=e-Szigno CA,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

CN=Microsec e-Szigno Root CA,OU=e-Szigno CA,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

FA 94 27 E7 5A 49 E8 14 E0 AA C8 5F 06 EF 43 27 93 BD 33 E5

Authority key identifier:

    keyIdentifier:

C7 A0 49 75 16 61 84 DB 31 4B 84 D2 F1 37 40 90 EF 4E DC F7

    authorityCertIssuer:

directoryName: CN=Microsec e-Szigno Root CA, OU=e-Szigno CA, O=Microsec Ltd., L=Budapest, C=HU

    authorityCertSerialNumber:

272 122 594 155 480 254 301 341 951 808 045 322 001 (decimal)

Valid from:

2005-04-09T17:42:12.000Z (09 Apr 2005 19:42:12 CEST)

Valid to:

2015-04-09T17:42:10.000Z (09 Apr 2015 19:42:10 CEST)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = no limit

Thumbprint:

SHA-1:

78:A6:88:93:D9:6A:7F:1E:20:5F:B6:C6:09:70:99:A3:6E:02:17:9A

SHA-256:

D0:F8:E8:7A:FB:73:0B:4D:B9:5B:3B:79:45:85:A5:E8:41:72:B1:B0:F8:05:F4:6E:BC:2A:FC:DF:41:C8:4A:C8

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100AD84CCEC09D88FF2354E13E9CC8CC961545E8E636979E41D43FD041DC958F63AE26197ED1297
57D06AAA0D077E21B945F9B811E211E36D7404D5A8134A3926EE2D0D13ED73AB485CC66B4B3E857588F9436BC6BEE9
AAC2E8D478FEF9E1E860F93161C09E2E40239BEA63E279A0EF7C7028E77D875159BC37538CA151A0B41B9E8FF763CD
1DF78D387B4835548F9C9850387A0EB70E01A2A8998C675FC1162FA4E24BDC7B8A391069CD9C8EA8BA8B63A3D5724D
C366B64227CEF64D0F85E7306D678D68736C1AF415C098C586C709C9711F22F55AAA357D856F61C1F829AD8C7E672E
4E3CF13B0572848CF375770BC63672A7E38090527A3C5CFAE87417FAF7D10203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1

cPSuri = http://www.e-szigno.hu/SZSZ/

userNotice = A tanúsítvány értelmezéséhez és elfogadásához a Szolgáltató
Szolgáltatási Szabályzata szerint kell eljárni: http://www.e-szigno.hu/SZSZ/

CRL distribution points:

http://www.e-szigno.hu/RootCA.crl

ldap://ldap.e-szigno.hu/CN=Microsec%20e-Szigno%20Root%20CA,OU=e-
Szigno%20CA,O=Microsec%20Ltd.,L=Budapest,C=HU?certificateRevocationList;
binary

PEM format:

-----BEGIN CERTIFICATE-----
MIIHozCCBougAwIBAgIRAPJnCTqW0L6ak6TPrPOGVdgwDQYJKoZIhvcNAQEFBQAwcjELMAkGA1UE
BhMCSFUxETAPBgNVBAcTCEJ1ZGFwZXN0MRYwFAYDVQQKEw1NaWNyb3NlYyBMdGQuMRQwEgYDVQQL
EwtlLVN6aWdubyBDQTEiMCAGA1UEAxMZTWljcm9zZWMgZS1Temlnbm8gUm9vdCBDQTAeFw0wNTA0
MDkxNzQyMTJaFw0xNTA0MDkxNzQyMTBaMG4xCzAJBgNVBAYTAkhVMREwDwYDVQQHEwhCdWRhcGVz
dDEWMBQGA1UEChMNTWljcm9zZWMgTHRkLjEUMBIGA1UECxMLZS1Temlnbm8gQ0ExHjAcBgNVBAMT
FVF1YWxpZmllZCBlLVN6aWdubyBDQTCCASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAK2E
zOwJ2I/yNU4T6cyMyWFUXo5jaXnkHUP9BB3JWPY64mGX7RKXV9Bqqg0HfiG5Rfm4EeIR4210BNWo
E0o5Ju4tDRPtc6tIXMZrSz6FdYj5Q2vGvumqwujUeP754ehg+TFhwJ4uQCOb6mPieaDvfHAo532H
UVm8N1OMoVGgtBuej/djzR33jTh7SDVUj5yYUDh6DrcOAaKomYxnX8EWL6TiS9x7ijkQac2cjqi6
i2Oj1XJNw2a2Qif09k0PhecwbWeNaHNsGvQVwJjFhscJyXEfIvVaqjV9hW9hwfgprYx+Zy5OPPE7
BXKEjPN1dwvGNnKn44CQUno8XProdBf699ECAwEAAaOCBDYwggQyMIGVBgNVHREEgY0wgYqBEGlu
Zm9AZS1zemlnbm8uaHWkdjB0MSIwIAYDVQQDDBlNaW7FkXPDrXRldHQgZS1TemlnbsOzIENBMRYw
FAYDVQQLDAllLVN6aWduw7MgSFNaMRYwFAYDVQQKEw1NaWNyb3NlYyBLZnQuMREwDwYDVQQHEwhC
dWRhcGVzdDELMAkGA1UEBhMCSFUwZwYIKwYBBQUHAQEEWzBZMCgGCCsGAQUFBzABhhxodHRwczov
L3JjYS5lLXN6aWdub5odS9vY3NwMC0GCCsGAQUFBzAChiFodHRwOi8vd3d3LmUtc3ppZ25vLmh1
L1Jvb3RRDQS5jcNQwgawGA1UdIwSBpDCBoYAUx6BJdRZhhNsxS4TS8TdAk09O3PehdqR0MHIxCzAJ
BgNVBAYTAkhVMREwDwYDVQQHEwhCdWRhcGVzdDEWMBQGA1UEChMNTWljcm9zZWMgTHRkLjEUMBIG
A1UECxMLZS1Temlnbm8gQ0ExIjAgBgNVBAMTGU1pY3Jvc2VjIGUtU3ppZ25vIFJvb3QgQ0GCEQDM
uOe/Tika/aLcZqUcLA8RMA8GA1UdEwEB/wQFMAMBAf8wggFzBgNVHSAEggFqMIIBZjCCAWIGDCsG
AQQBgagYAgEBATCCAVAwKAYIKwYBBQUHAgEWHGh0dHA6Ly93d3cuZS1zemlnbm8uaHUvU1pTWi8w
ggEiBggrBgEFBQcCAjCCARQeggEQAEEAIAB0AGEAbgD6AHMA7QB0AHYA4QBuAHkAIADpAHIAdABl
AGwAbQBlAHoA6QBzAOkAaABlAHoAIADpAHMAIABlAGwAZgBvAGcAYQBkAOEAcwDhAGgAgAbwB6ACAA
YQAgAFMAegBvAGwAZwDhAGwAdABhAHQA8wAgAFMAegBvAGwAZwDhAGwAdABhAHQA4QBzAGkAIABT
AHoAYQBiAOEAbAB5AHoAYQB0AGEAIABzAHoAZQByAGkAbgB0ACAAawBlAGwAbAAgAGUAbABqAOEA
cgBuAGkA0gAgAGgAdAB0AHAAOgAvAvAC8AdwB3AHcALgBlAC0AcwB6AGkAZwBuAG8ALgBoAHUALwBT
AFoAUwBaAC8wgcgGA1UdHwSBwDCBvTCBuqCBt6CBtIYhaHR0cDovL3d3dy5lLXN6aWduby5odS9S
b290Q0EuY3JshoGObGRhcDovL2xkYXAuZS1zemlnbm8uaHUvQ049TWljcm9zZWMlMjBlLVN6aWdu
byUyMFJvb3QlMjBDQSxPVT11LVN6aWdubyUyMENBLE89TWljcm9zZWMlMjBMdGQuLEw9QnVkYXBl
c3QsQz1IVT9jZXJ0aWZpY2F0ZVJldm9jYXRpb25MaXN0O2JpbmFyeTA0BgNVHQ8BAf8EBAMCAQYw
HQYDVR0OBBYEFPqUJ+daSegU4KrIXwbvQyeTvTPlMA0GCSqGSIb3DQEBBQUAA4IBAQAoCgCcEkxQ
rIvYnGh6WH7cfQSBzb+U+XU2ofYE4mLLyhNhQT8/S43CFGJln5U6cri9xuQinuoG8DvgSISJKE4C
c0/WLJz4kUSZN+nITu2BtQtH9zl3MvClkFrzWgpPf3jO/14/qp57gFgHwovQsTisYb060k4OA5hl
8yaX/9FtUqbVZJqZ0TVyPtYocbvXcWTrw1cBx022U814NFqwwiXT0r3EWz9hiUcLisFGKEhkrPPw
RRdPD0lc7j4Pt8gDrUqLGiT46wu4yQV3BiaJ/wLLmPrkmJEeZl85vJ/UCSlgOOByYfRqNh6rXRlP
G9JuLHuxHtnl1VBj4VkJjFAdckHu
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/granted

Following ex ante and active approval activities, in compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted a qualified status: - to the corresponding trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and - to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points:

http://www.e-szigno.hu/CA.crl

Service information extensions:

Extension 1/1, non-critical:

<tsl:AdditionalServiceInformation xmlns:tsl="http://uri.etsi.org/02231/v2#"><tsl:URI xml:lang="en">http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/ForeSignatures </tsl:URI></tsl:AdditionalServiceInformation>

2.2.1.1. Qualified e-Szigno CA

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/QC

A qualified certificate issuing trust service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services, and under which are provided the relevant and related revocation and certificate validity status information services (e.g. CRLs, OCSP responses) in accordance with EU Directive 1999/93/EC or with Regulation (EU) No 910/2014 whichever is in force at the time of provision. This may also include generation and/or management of the associated private keys on behalf of the certified entity.

Service name:

English: Qualified e-Szigno CA

Hungarian: Qualified e-Szigno CA

Service digital identity: *Subject key identifier:*

FA 94 27 E7 5A 49 E8 14 E0 AA C8 5F 06 EF 43 27 93 BD 33 E5

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2005-04-09T17:42:12.000Z   (09 Apr 2005 19:42:12 CEST)

2.2.2. Qualified e-Szigno CA7

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/QC

> *A qualified certificate issuing trust service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services, and under which are provided the relevant and related revocation and certificate validity status information services (e.g. CRLs, OCSP responses) in accordance with EU Directive 1999/93/EC or with Regulation (EU) No 910/2014 whichever is in force at the time of provision. This may also include generation and/or management of the associated private keys on behalf of the certified entity.*

Service name:

English: Qualified e-Szigno CA7

Hungarian: Qualified e-Szigno CA7

Service digital identity: *Subject key identifier:*

49 63 6D 93 55 9E 8D 51 B2 B7 AE 49 9F 7C A8 B4 3A 7A F6 D8

Service digital identity: *Version:*

3

Serial number:

1 132 236 650 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

CN=Qualified e-Szigno CA7,OU=e-Szigno CA,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

CN=KGYHSZ (Public Administration Root CA - Hungary),C=hu

Subject key identifier:

49 63 6D 93 55 9E 8D 51 B2 B7 AE 49 9F 7C A8 B4 3A 7A F6 D8

Authority key identifier:

C4 1B 6F BF 5A 96 BB F8 3F CC 17 78 BF 0E 6B E4 B7 71 56 57

Valid from:

2007-01-10T08:48:31.000Z   (10 Jan 2007 09:48:31 CET)

Valid to:

2017-01-10T09:18:31.000Z   (10 Jan 2017 10:18:31 CET)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = 0

Thumbprint:

SHA-1:

65:B1:FB:3D:C9:EE:28:50:68:72:ED:16:8C:A5:3D:5A:D5:88:19:9C

SHA-256:

FF:28:78:33:5D:B4:27:5B:6E:06:EF:FA:C0:8E:0A:42:B4:27:30:4D:2D:C5:5A:90:6D:86:5B:4F:AD:A9:10:EF

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100C7756F33B8C90271C54A06BFF75EC1DD47ABBFDF0E0DAB7070DCBBB4314B3EAADE71119DFB1C
0D8C004145FFD2B57CFF06C926498E8F911EBB364002C1701E838C688B05E0AF9D5399AC0D9843B14410F7142F4830
C4699F70E633F896B649C25A1F28ED9B38B2EE8D95EC3469825CF11A90B63F9B28ECD07E37A74EDA8E9E3604EFDFCB
3561253509BBDF620AC74E815FCF6E83C2C017BC3465F854D9C94458843C19380DA9AC52F58962BCDFAC2682F50281
8EB4F8134B0C6099877A23689561AAB4C0E7F89F30E4D894F773C15BA52E1AF66E028315EFF4CA0E8CE6EF861205A5
4E03252F2A88C5AA8A52DBFF7AE96961560F90AEDD51D64DFD9780FCF1EF0203010001

Certificate policies:

0.2.216.1.100.42.1.200.2

cPSuri = http://cp.kgyhsz.gov.hu

userNotice = A hitelesítés-szolgáltató egyaránt jogosult közigazgatási felhasználásra szolgáló, hivatali aláíráshoz és ügyfél által használt aláíráshoz kapcsolódó tanúsítványok kibocsátására. Minden felelősség kizárva a hitelesítési rendben foglaltak szerint.

CRL distribution points:

http://crl.kgyhsz.gov.hu/KGYHSZ_CA_20060719.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIGLTCCBRWgAwIBAgIEQ3yPajANBgkqhkiG9w0BAQUFADBIMQswCQYDVQQGEwJodTE5MDcGA1UE
AwwwS0dZSFNaIChQdWJsaWMgQWRtaW5pc3RyYXRpb24gUm9vdCBDQSAtIEh1bmdhcnkpMB4XDTA3
MDExMDA4NDgzMVoXDTE3MDExMDA5MTgzMVowbzELMAkGA1UEBhMCSFUxETAPBgNVBAcMCEJ1ZGFw
ZXN0MRYwFAYDVQQKDA1NaWNyb3NlYyBMdGQuMRQwEgYDVQQLDAtlLVN6aWdubyBDQTEfMB0GA1UE
AwwWUXVhbGlmaWVkIGUtU3ppZ25vIENBNzCCASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEB
AMd1bzO4yQJxxUoGv/dewd1Hq7/fDg2rcHDcu7QxSz6q3nERnfscDYwAQUX/0rV8/wbJJkmOj5Ee
uzZAAsFwHoOMaIsF4K+dU5msDZhDsUQQ9xQvSDDEaZ9w5jP4lrZJwlofKO2bOLLujZXsNGmCXPEa
kLY/myjs0H43p07ajp42BO/fyzVhJTUJu99iCsdOgV/PboPCwBe8NGX4VNnJRFiEPBk4DamsUvWJ
YrzfrCaC9QKBjrT4E0sMYJmHeiNolWGqtMDn+J8w5NiU93PBW6UuGvZuAoMV7/TKDozm74YSBaVO
AyUvKojFqopS2/966WlhVg+Qrt1R1k39l4D88e8CAwEAAaOCAvYwggLyMA4GA1UdDwEB/wQEAwIB
BjASBgNVHRMBAf8ECDAGAQH/AgEAMIICSAYDVR0gBIICPzCCAjswggI3BgoCgVgBZCoBgUgCMIIC
JzAjBggrBgEFBQcCARYXaHR0cDovL2NwLmtmneWhzei5nb3YuaUHwggH+BggrBgEFBQcCAjCCAfAe
ggHsAEEAIABoAGkAdABlAGwAZQBzAO0AdADpAHMALQBzAHoAbwBsAGcAAQBsAHQAYQB0APMAIABl
AGcAeQBhAHIA4QBuAHQAIABqAG8AZwBvAHMAdQBsAHQAIABrAPYAegBpAGcAYQB6AGcAYQB0APMA
cwBpACAAZgBlAGwAaABhAHMAegBuAOEAbABhAHMAcgBhACAAcwB6AG8AbABnAOEAbADzACwAIABo
AGkAdgBhAHQAYQBsAGkAIABhAGwA4QDtAHIA4QBzAGgAbwB6ACAA6QBzACAA/ABnAHkAZgDpAGwA
IADhAGwAdABhbAHAGwAaABABoAOAEcwB6AG4A4QBsAHQAIABhAGwA4QDtAHIA4QBzAGgAbwB6ACAAawBh
AHAAYwBzAG8AbADzAGQA8wAgAHQAYQBuAPoAcwDtAHQAdgDhAG4AeQBvAGsAIABrAGkAYgBvAGMA
cwDhAHQA4QBzAOEAcgBhAC4AIABNAGkAbgBkAGUAbgAgAGYAZQBsAGUAbAPhRAHMAcwDpAGcAIABr
AGkAegDhAHIAdgBhACAAYQAgAGgAaQB0AGUAbABlAHMA7QB0AOkAcwBpACAAcgBlAG4AZABiAGUA
bgAgAGYAbwBnAGwAYQBsAHQAYQBrACAAcwB6AGUAcgBpAG4AdAAuMEMGA1UdHwQ5MDcwNaAzoDGG
L2h0dHA6Ly9jcmwwua2d5aHN6Lmdvdi5odS9LR1lLIU1pfQ0FfMjAwNjA3MTkuY3JsMB0GA1UdDgQW
BBRJY22TVZ6NUbK3rkmffKi0Onr22DAfBgNVHSMEGDAWgBTEG2+/Wpa7+D/MF3i/Dmvkt3FWVzAN
BgkqhkiG9w0BAQUFAAOCAQEAHoteZ6WMS6VOvkaIRVl4hYwjl9LGo+FyG9QkXxoaE01UHLwp8qSA
MlQC4oz03IJNngCqgZdgzy5y3gtqIMvqBv78JsCQqUSTi5WKwWhFhpMf+PNkpef9EAm+FeD5Q+Vd
/cakNPQhyuFMebBiDdmNr3EYuJRWcA3haAevRXhtfTUepfiSjbNCReb9lc4n8BSxjAhK42H5wvDw
wz9QCudF9oRkTUcK2AcRNRkOQ3MyB5DqCjR7Q9fwXfPclDp6TMFnDL64BXl4Zmdk5k1+pttIq4PF
RfQyEkQOzqniRWyvXpyPJHG5eEyRlkP4LmYGClnej8yeCJGWa4kXci4qDBEktA==
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/granted

Following ex ante and active approval activities, in compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted a qualified status: - to the corresponding trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and - to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points:

http://www.e-szigno.hu/CA7.crl

Service information extensions:

Extension 1/1, non-critical:

<tsl:AdditionalServiceInformation xmlns:tsl="http://uri.etsi.org/02231/v2#"><tsl:URI xml:lang="en">http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/ForeSignatures</tsl:URI></tsl:AdditionalServiceInformation>

2.2.2.1. Qualified e-Szigno CA7

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/QC

A qualified certificate issuing trust service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services, and under which are provided the relevant and related revocation and certificate validity status information services (e.g. CRLs, OCSP responses) in accordance with EU Directive 1999/93/EC or with Regulation (EU) No 910/2014 whichever is in force at the time of provision. This may also include generation and/or management of the associated private keys on behalf of the certified entity.

Service name:

English: Qualified e-Szigno CA7

Hungarian: Qualified e-Szigno CA7

Service digital identity: *Subject key identifier:*

49 63 6D 93 55 9E 8D 51 B2 B7 AE 49 9F 7C A8 B4 3A 7A F6 D8

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2007-01-10T08:48:31.000Z   (10 Jan 2007 09:48:31 CET)

2.2.3. Qualified e-Szigno CA 2009

<div align="right">

Provider: 2
Service: 3

</div>

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/QC

A qualified certificate issuing trust service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services, and under which are provided the relevant and related revocation and certificate validity status information services (e.g. CRLs, OCSP responses) in accordance with EU Directive 1999/93/EC or with Regulation (EU) No 910/2014 whichever is in force at the time of provision. This may also include generation and/or management of the associated private keys on behalf of the certified entity.

Service name:

English: Qualified e-Szigno CA 2009

Hungarian: Qualified e-Szigno CA 2009

Service digital identity: *Subject key identifier:*

D1 8A 63 FE CB 08 FD E9 4A 17 68 01 AD 3C 0E D5 DD 97 F7 04

Service digital identity: *Version:*

3

Serial number:

22 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

D1 8A 63 FE CB 08 FD E9 4A 17 68 01 AD 3C 0E D5 DD 97 F7 04

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2009-12-02T16:00:00.000Z   (02 Dec 2009 17:00:00 CET)

Valid to:

2029-12-29T16:00:00.000Z   (29 Dec 2029 17:00:00 CET)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = no limit

Thumbprint:

SHA-1:

F4:F3:0A:DA:89:AC:4B:AC:32:27:1B:3A:C3:36:A6:BC:3E:DE:4C:C3

SHA-256:

B8:84:ED:65:27:43:36:87:62:7D:35:15:7E:90:46:90:D2:DF:F6:A5:DC:D3:CE:26:7B:BA:F1:59:C0:6F:50:54

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100B89AA604663DC59E75CE879AFE8BADA413E74A823FBE8FF247E0CE9BB1FCE3A593AC6CEBCB67
42474ADBDB0A8663B4B0D949CB3955003687DDFE51F59ACC518BC35A8890C2EE628ECF8305A17B43433C82F0179D2B
CB042604117B9AFBCE9BA3A99DFCF6E69BFE5A2E7CB9F4E95DFF2D53FB8DB5317FF817EA8BCE76F36D1BD2C413657E
62E466E3A3596C4172B623E5B3FFFC78CBFEFF9DA7A07C2B6EBFB1BC73ABE1A37BFBADC515546CD72CF699D11C77BE
2A540603CA5668D31234E3673190135D8F72268E0347860FAF54B89829B1E2900330C53073BFB86D466A0F3032480F
757D69A85349E0ADCF7101DFE9FED600D6A239A3F917EA3420F507927B190203010001

Certificate policies:

2.5.29.32.0 (anyPolicy)

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIE5TCCA82gAwIBAgIBFjANBgkqhkiG9w0BAQsFADCBgjELMAkGA1UEBhMCSFUxETAPBgNVBAcM
CEJ1ZGFwZXN0MRYwFAYDVQQKDA1NaWNyb3NlYyBMdGQuMScwJQYDVQQDDB5NaWNyb3N1lYyBlLVN6
aWdubyBSb290IENBIDIwMDkxHzAdBgkqhkiG9w0BCQEWEGluZm9AZS1zemlnbm8uaHUwHhcNMDkx
MjAyMTYwMDAwWhcNMjkxMjI5MTYwMDAwWjB+MQswCQYDVQQGEwJIVTERMA8GA1UEBwwIQnVkYXBl
c3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xIzAhBgNVBAMMGlF1YWxpZmllZCBlLVN6aWdubyBD
QSAyMDA5MR8wHQYJKoZIhvcNAQkBFhBpbmZvQGUtc3ppZ25vLmh1MIIBIjANBgkqhkiG9w0BAQEF
AAOCAQ8AMIIBCgKCAQEAuJqmBGY9xZ51zoea/outpBPnSoI/vo/yR+DOm7H846WTrGzry2dCR0rb
2wqGY7Sw2UnLOVUANofd/lH1msxRi8NaiJDC7mKOz4MFoXtDQzyC8BedK8sEJgQRe5r7zpujqZ38
9uab/loufLn06V3/LVP7jbUxf/gX6ovOdvNtG9LEE2V+YuRm46NZbEFytiPls//8eMv+/52noHwr
br+xvHOr4aN7+63FFVRs1yz2mdEcd74qVAYDylZo0xI042cxkBNdj3ImjgNHhg+vVLiYKbHikAMw
xTBzv7htRmoPMDJID3V9aahTSeCtz3EB3+n+1gDWojmj+RfqNCD1B5J7GQIDAQABo4IBZcCCAWMw
DwYDVR0TAQH/BAUwAwEB/zAOBgNVHQ8BAf8EBAMCAQYwOwYDVR0gBDQwMjAwBgRVHSAAMCgwJgYI
KwYBBQUHAgEWGmh0dHA6Ly9jcC5lLXN6aWduby5odS9xY3M3BzMB0GA1UdDgQWBBTRimP+ywj96UoX
aAGtPA7V3Zf3BDAfBgNVHSMEGDAWgBTLD8bfQkPMPcu1SCOhGnqmKrs0aDAbBgNVHREEFDASgRBp
bmZvQGUtc3ppZ25vLmh1MDYGA1UdHwQvMC0wK6ApoCeGJWh0dHA6Ly9jcmwuZS1zemlnbm8uaHUv
cm9vdGNhMjAwOS5jcmwwbgYIKwYBBQUHAQEEYjBgMCsGCCsGAQUFBzAABhh9odHRwOi8vcm9vdG9j
c3AyMDA5LmUtc3ppZ25vLmh1MDEGCCsGAQUFBzAChiVodHRwOi8vd3d3LmUtc3ppZ25vLmh1L3Jv
b3RjYTIwMDkuY3J0MA0GCSqGSIb3DQEBCwUAA4IBAQB8he+K09wl6wEpphQvsko9HkVEP3ghRrLV
+idNcly83q+ipEtuSUGmnVhDM1K0h+xiLHZuJ694lj/xwy2n5G36WXP2gG4A3Xciq0FuqV4w/AYR
VzkTiwaJhdG2i8SamBgpu4mhwBRmXCRYXzNwTw+/oL43CB2/+0l3LVmhe9DXt30MJ4svN9UKho1h
/dl1QBCi8WCkdE0WaYYxUXTS3dUBjOFgVwH/Pa6Q+RBVaXhr21YgaFS38ykxF5+KFWxgzqhHTI75
lWViFPDHJJJ0hCClol0cVMai7iQArnSG7ZN7WznPrVU2o2VhQObHu7ANtPNfT5d2EQeQKJWSNciR
og7R
-----END CERTIFICATE-----

Service digital identity:

Version:

3

Serial number:

11 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

D1 8A 63 FE CB 08 FD E9 4A 17 68 01 AD 3C 0E D5 DD 97 F7 04

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2009-06-16T14:31:35.000Z   (16 Jun 2009 16:31:35 CEST)

Valid to:

2029-12-29T14:31:35.000Z   (29 Dec 2029 15:31:35 CET)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = no limit

Thumbprint:

SHA-1:

81:C9:A5:65:4A:FF:39:65:C0:2B:BD:BC:F2:9D:A4:57:F9:35:9F:46

SHA-256:

78:A8:C3:E4:5B:35:CD:B7:D3:54:10:75:17:73:A9:75:3C:EB:86:61:2A:92:B2:56:07:74:31:54:B8:E8:5F:7E

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100B89AA604663DC59E75CE879AFE8BADA413E74A823FBE8FF247E0CE9BB1FCE3A593AC6CEBCB67
42474ADBDB0A8663B4B0D949CB3955003687DDFE51F59ACC518BC35A8890C2EE628ECF8305A17B43433C82F0179D2B
CB042604117B9AFBCE9BA3A99DFCF6E69BFE5A2E7CB9F4E95DFF2D53FB8DB5317FF817EA8BCE76F36D1BD2C413657E
62E466E3A3596C4172B623E5B3FFFC78CBFEFF9DA7A07C2B6EBFB1BC73ABE1A37BFBADC515546CD72CF699D11C77BE
2A540603CA5668D31234E3673190135D8F72268E0347860FAF54B89829B1E2900330C53073BFB86D466A0F3032480F
757D69A85349E0ADCF7101DFE9FED600D6A239A3F917EA3420F507927B190203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.5.1

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIE7zCCA9egAwIBAgIBCzANBgkqhkiG9w0BAQsFADCBgjELMAkGA1UEBhMCSFUxETAPBgNVBAcM
CEJlZGFwZXN0MRYwFAYDVQQKDA1NaWNyb3NlYyBMdGQuMScwJQYDVQQDDB5NaWNyb3NlYyBlLVN6
aWdubyBSb290IENBIDIwMDkxHzAdBgkqhkiG9w0BCQEWEGluZm9AZS1zemlnbm8uaHUwHhcNMDkw
NjE2MTQzMTM1WhcNMjkxMjI5MTQzMTM1WjB+MQswCQYDVQQGEwJIVTERMA8GA1UEBwwIQnVkYXBl
c3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xIzAhBgNVBAMMGlF1YWxpZmllZCBlLVN6aWdubyBD
QSAyMDA5MR8wHQYJKoZIhvcNAQkBFhBpbmZvQGUtc3ppZ25vLmh1MIIBIjANBgkqhkiG9w0BAQEF
AAOCAQ8AMIIBCgKCAQEAuJqmBGY9xZ51zoea/outpBPnSoI/vo/yR+DOm7H846WTrGzry2dCR0rb
2wqGY7Sw2UnLOVUANofd/lH1msxRi8NaiJDC7mKOz4MFoXtDQzyC8BedK8sEJgQRe5r7zpujqZ38
9uab/loufLn06V3/LVP7jbUxf/gX6ovOdvNtG9LEE2V+YuRm46NZbEFytiPls//8eMv+/52noHwr
br+xvHOr4aN7+63FFVRslyz2mdEcd74qVAYDylZo0xI042cxkBNdj3ImjgNHhg+vVLiYKbHikAMw
xTBzv7htRmoPMDJID3V9aahTSeCtz3EB3+n+1gDWojmj+RfqNCD1B5J7GQIDAQABo4IBcTCCAW0w
DwYDVR0TAQH/BAUwAwEB/zAOBgNVHQ8BAf8EBAMCAQYwRQYDVR0gBD4wPDA6Bg4rBgEEAYGoGAIB
AQEFATAoMCYGCCsGAQUFBwIBFhpodHRwOi8vY3AuZS1zemlnbm8uaHUvcWNwczAdBgNVHQ4EFgQU
0Ypj/ssI/elKF2gBrTwOld2X9wQwHwYDVR0jBBgwFoAUyw/G30JDzD3LtUgjoRp6piq7NGgwGwYD
VR0RBBQwEoEQaW5mb0BlLXN6aWdub
y5odTA2BgNVHR8ELzAtMCugKaAnhiVodHRwOi8vY3JsLmUt
c3ppZ25vLmh1L3Jvb3RjYTIwMDkuY3JsMG4GCCsGAQUFBwEBBGIwYDArBggrBgEFBQcwAYYfaHR0
cDovL3Jvb3RRvY3NwMjAwOS5lLXN6aWdub
y5odTAxBggrBgEFBQcwAoYlaHR0cDovL3d3dy5lLXN6
aWdub
y5odS9yb290Y2EyMDA5LmNydDANBgkqhkiG9w0BAQsFAAOCAQEAJOgJCjXrE3bEw2EbeKiu
j7x5gGhLr0PBlYgcYUYr7oc/qlHf558N8ONFs0sbRojpH90WmYKd74KiHw1GS1dSyFKsF8Eg2+tE
0QgbIPRvLT7yR9K9lfaknm1b0UgaB3Kg/n8twr1TU1mfLmhatxqHBshX+w7/xAdvhu745SEBiWNP
iSTwl1xLeCLZNbZhkFVhNiqNaXasl/zytNkeK6lt9fiCmluLquW2gWrghA9vlD3DnbP+8HLCd+UB
r0DXpD/91ZysP59Kqy3iS+RUXq9qfus2brkzYy+flyi0z0yg6GeUPckOInm96TMqVWvI7mF6pNDC
zxKGne09oz+9eJAf+w==
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/granted

Following ex ante and active approval activities, in compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted a qualified status: - to the corresponding trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and - to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z (01 Jul 2016 00:00:00 CEST)

Service supply points: http://crl.e-szigno.hu/qca2009.crl

Service information extensions:

Extension 1/1, non-critical:

```
<tsl:AdditionalServiceInformation
xmlns:tsl="http://uri.etsi.org/02231/v2#"><tsl:URI
xml:lang="en">http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/ForeSignatures
</tsl:URI></tsl:AdditionalServiceInformation>
```

82

Service information extensions:

Extension 1/1, non-critical:

```
<tsl:AdditionalServiceInformation
xmlns:tsl="http://uri.etsi.org/02231/v2#"><tsl:URI
xml:lang="en">http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/ForeSignatures
</tsl:URI></tsl:AdditionalServiceInformation>
```

2.2.3.1. Qualified e-Szigno CA 2009

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/QC

A qualified certificate issuing trust service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services, and under which are provided the relevant and related revocation and certificate validity status information services (e.g. CRLs, OCSP responses) in accordance with EU Directive 1999/93/EC or with Regulation (EU) No 910/2014 whichever is in force at the time of provision. This may also include generation and/or management of the associated private keys on behalf of the certified entity.

Service name:

English: Qualified e-Szigno CA 2009

Hungarian: Qualified e-Szigno CA 2009

Service digital identity: *Subject key identifier:*

D1 8A 63 FE CB 08 FD E9 4A 17 68 01 AD 3C 0E D5 DD 97 F7 04

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2009-06-16T14:31:35.000Z   (16 Jun 2009 16:31:35 CEST)

2.2.4. Qualified e-Szigno PCA

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/QC

A qualified certificate issuing trust service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services, and under which are provided the relevant and related revocation and certificate validity status information services (e.g. CRLs, OCSP responses) in accordance with EU Directive 1999/93/EC or with Regulation (EU) No 910/2014 whichever is in force at the time of provision. This may also include generation and/or management of the associated private keys on behalf of the certified entity.

Service name:

English: Qualified e-Szigno PCA

Hungarian: Qualified e-Szigno PCA

Service digital identity:

Subject key identifier:

7C 31 4A A4 6F D8 48 53 8E 57 97 CC 84 62 5B 77 A1 1C 25 0A

Service digital identity:

Version:

3

Serial number:

117 475 199 134 069 608 626 851 804 641 504 612 993 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

CN=Qualified e-Szigno PCA,OU=e-Szigno CA,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

CN=Microsec e-Szigno Root CA,OU=e-Szigno CA,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

7C 31 4A A4 6F D8 48 53 8E 57 97 CC 84 62 5B 77 A1 1C 25 0A

Authority key identifier:

keyIdentifier:

C7 A0 49 75 16 61 84 DB 31 4B 84 D2 F1 37 40 90 EF 4E DC F7

authorityCertIssuer:

directoryName: CN=Microsec e-Szigno Root CA, OU=e-Szigno CA, O=Microsec Ltd., L=Budapest, C=HU

authorityCertSerialNumber:

272 122 594 155 480 254 301 341 951 808 045 322 001 (decimal)

Valid from:

2005-06-14T11:31:40.000Z   (14 Jun 2005 13:31:40 CEST)

Valid to:

2015-06-14T11:31:40.000Z   (14 Jun 2015 13:31:40 CEST)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = no limit

Thumbprint:

SHA-1:

EB:17:E5:E4:90:A0:A2:EA:83:B2:2C:C9:E7:87:D3:59:81:6B:40:FD

SHA-256:

A4:A9:E8:63:F8:80:CA:69:F9:9B:5D:16:66:FC:17:A0:CA:E8:F3:97:28:FF:29:1D:54:54:B1:4E:54:1A:3C:66

Public key:

Algorithm, key length:

RSA, 2048

Key value:

```
3082010A0282010100B3092F26271E65E47C1B11A18CD363C23AD605AACBA77AA11B957F2BB1F27E8AEF23C884DE1B
1737050DC84D988931B9C90C42329F3DA40F96B898F4FD51601F71188BF621DA4C8B6472A27FDC7D16E423BBE28D10
C970E1202DC6D1502DE49D1C6F1E0B833DB979E7DC0344832A742ED1AFB37A147B157975F13FAD563EC87BF345209E
F7F7C42C5E26BF7E63CAD7A00C7A30A61F44D6E2CC7CA7E2EED947F9D307459FDDB32BEC15D0117C01866D144697826
00BB9BC36B6BEA6C1B2860171148C82E1EF5B9F3CC7F78B086B999898501E793AC8F5ADF38F437F92D89EEAF692E13
1379EFA01F936FB0BD91F4D7CB1A6062468D1AFA82A9757F037B522F1B830203010001
```

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1

cPSuri = http://www.e-szigno.hu/SZSZ/

userNotice = A tanúsítvány értelmezéséhez és elfogadásához a Szolgáltató Szolgáltatási Szabályzata szerint kell eljárni: http://www.e-szigno.hu/SZSZ/

CRL distribution points:

http://www.e-szigno.hu/RootCA.crl

ldap://ldap.e-szigno.hu/CN=Microsec%20e-Szigno%20Root%20CA,OU=e-Szigno%20CA,O=Microsec%20Ltd.,L=Budapest,C=HU?certificateRevocationList;binary

PEM format:

```
-----BEGIN CERTIFICATE-----
MIIHpDCCBoygAwIBAgIQWGDmfuD0murlZpvylnFSgTANBgkqhkiG9w0BAQUFADByMQswCQYDVQQG
EwJIVTERMA8GA1UEBxMIQnVkYXBlc3QxFjAUBgNVBAoTDU1pY3Jvc2VjJTIwTHRkLjElMCMGA1UEAxMW
TWljcm9zZWMgZS1Temlnbm8gUm9vdCBDQS0yMDE2MIIBIjANBgkqhkiG9w0BAQEFAAOCAQ8AMIIBCgKCAQEAthcDLjJrPfHf
C2UtU3ppZ25vIENBMCSIwIAYDVQQDExlNaWNyb3NlYyBlLVN6aWdubyBSb290IENBMB4XDTA1MDYx
NDExMzE0MFoXDTE1MDYxNDExMzE0MFowbzELMAkGA1UEBhMCSFUxETAPBgNVBAcTCEJ1ZGFwZXN0
MRYwFAYDVQQKEw1NaWNyb3NlYyBMdGQuMRQwEgYDVQQLEwtlLVN6aWdubyBDQTEfMB0GA1UEAxMW
UXVhbGlmaWVkIGUtU3ppZ25vIFBDQTCCASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBALMJ
LyYnHmXkfBsRoYzTY8I6lgWqy6d6oRuVfyux8n6K7yPIhN4bFzcFDchNmIkxuckMQjKfPaQPlriY
9PlRYB9xGIv2IdpMi2Ryon/cfRbkI7vijRDJcOEgLcbRUC3knRxvHguDPbl559wDRIMqdC7Rr7N6
FHsVeXXxP61WPsh780Ugnvf3xCxeJr9+Y8rXoAx6MKYfRNbizHyn4u2Uf50wdFn92zK+wV0BF8AY
ZtFEaXgmALubw2tr6mwbKGAXEUjILh7lufPMf3iwhrmZiYUB55Osj1rf0PQ3+S2J7q9pLhMTee+g
H5NvsL2R9NfLGmBiRo0a+oKpdX8De1IvG4MCAwEAAaOCBDcwggQzMIGWBgNVHREEgY4wgYuBEGlu
Zm9AZS1zemlnbm8uaHWkdzB1MSMwIQYDVQQDDBpNaW7FkXPDrXRldHQgZS1Temlnbm8zIFBDQTEW
MBQGA1UECwwNZS1TemlnbnOzIEhTWjEWMBQGA1UEChMNTWljcm9zZWMgS2Z0LjERMA8GA1UEBxMI
QnVkYXBlc3QxCzAJBgNVBAYTAkhVMGcGCCsGAQUFBwEBBFswWTAoBggrBgEFBQcwAYYcaHR0cHM6
Ly9yY2EuZS1zemlnbm8uaHUvb2NzcDAtBggrBgEFBQcwAoYhaHR0cDovL3d3dy5lLXN6aWduby5o
dS9Sb290Q0EuY3J0MIGSBgNVHSMEgaQwgaGAFMegSXUWYYTbMUuE0vE3QJDvTtz3oXakdDByMQsw
CQYDVQQGEwJIVTERMA8GA1UEBxMIQnVkYXBlc3QxFjAUBgNVBAoTDU1pY3Jvc2VjJTIwTHRkLjElMCMGA1UEAxMW
BgNVBAsTC2UtU3ppZ25vIENBMCSIwIAYDVQQDExlNaWNyb3NlYyBlLVN6aWdubyBSb290IENBghEA
zLjnv04pGv2i3GalHCwPETAPBgNVHRMBAf8EBTADAQH/MIIBcwYDVR0gBIIBajCCAWYwggFiBgwr
BgEEAYGoGAIBAQEwggFQMCgGCCsGAQUFBwIBFhxodHRwOi8vd3d3LmUtc3ppZ25vLmh1L1NaU1ov
MIIBIgYIKwYBBQUHAgIwggEUHoIBEABBACAAdABhAG4A+gBzAO0AdAB2AOEAbgB5ACAA6QByAHQA
ZQBsAG0AZQB6AOkAcwDpAGgAZQB6ACAAQBzACAAZQBsAGYAbwBnAGEAZADhAHMA4QBoAG8AegAg
AGEAIABTAHoAbwBsAGcAA4QBsAHQAYQB0APMAIABTAHoAbwBsAGcAA4QBsAHQAYQB0APMAcwBpACAA
UwB6AGEAYgDhAGwAeQB6AGEAdABhACAAcwB6AGUAcgBpAG4AdAAgAGsAZQBsAGwAIAB1AGwAagDh
AHIAbgBpADoAIABoAHQAdABwADoALwAvAHcAdwB3AC4AZQAtAHMAegBpAGcAbgBvAC4AaAB1AC8A
UwBaAFMAWgAvMIIHIBgNVHR8EgcAwgb0wgbqggbeggbSGIWh0dHA6Ly93d3cuZS1zemlnbm8uaHUv
Um9vdENBLmNybIaBjmxkYXA6Ly9sZGFwLmUtc3ppZ25vLmh1L0NOPU1pY3Jvc2VjJTIwZS1Temln
bm8lMjBSb290JTIwQ0EsT1U9ZS1Temlnbm8lMjBDQSxPPU1pY3Jvc2VjJTIwTHRkLixMPUJ1ZGFw
ZXN0LEM9SFU/Y2VydGlmaWNhdGVSZXZvY2F0aW9uTGlzdDtiaW5hcnkwDgYDVR0PAQH/BAQDAgEG
MB0GA1UdDgQWBBR8MUqkb9hIU45Xl8yEYlt3oRwlCjANBgkqhkiG9w0BAQUFAAOCAQEAXBloKARb
pGldhAv1oKxqSAkUE2hzzMSDhHq9LcNRSIh9F5JSOkHyBRFJo2W5li+xktNJz55rgeE44NuIJVjk
N6PqF1ccq6J13B2jZKNC8B0vXTMSWf9R8bgSRte1tbKfJop7N7VJbrOWWxBqEqj7UN17v8Uwmj2
1MvFKPqXP/FFZ5F+UDsuRrVx4g1XJYsFhdTY+WnXnv/sr80sK2b9Tuip+X8ig0QfkjbWy7/Zf7Rx
BDOuw0IqUsiNH9TvJbKHCYief4XM3ActKWgt2Cq5EdpcDi0XAdmRztwHPQ4XrG6iERNtvTBmITRa
BGMSyoFoZRY7vmUUzRyqE4ho0s8I/g==
-----END CERTIFICATE-----
```

Service status:	http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/granted

Following ex ante and active approval activities, in compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted a qualified status: - to the corresponding trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and - to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time:	2016-06-30T22:00:00.000Z (01 Jul 2016 00:00:00 CEST)
Service supply points:	http://www.e-szigno.hu/PCA.crl
Service information extensions:	*Extension 1/1, non-critical:*

<tsl:AdditionalServiceInformation xmlns:tsl="http://uri.etsi.org/02231/v2#"><tsl:URI xml:lang="en">http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/ForeSignatures </tsl:URI></tsl:AdditionalServiceInformation>

2.2.4.1. Qualified e-Szigno PCA

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/QC

A qualified certificate issuing trust service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services, and under which are provided the relevant and related revocation and certificate validity status information services (e.g. CRLs, OCSP responses) in accordance with EU Directive 1999/93/EC or with Regulation (EU) No 910/2014 whichever is in force at the time of provision. This may also include generation and/or management of the associated private keys on behalf of the certified entity.

Service name:

English: Qualified e-Szigno PCA

Hungarian: Qualified e-Szigno PCA

Service digital identity: *Subject key identifier:*

7C 31 4A A4 6F D8 48 53 8E 57 97 CC 84 62 5B 77 A1 1C 25 0A

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2005-06-14T11:31:40.000Z   (14 Jun 2005 13:31:40 CEST)

2.2.5. Qualified Pseudonymous e-Szigno CA 2009

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/QC

A qualified certificate issuing trust service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services, and under which are provided the relevant and related revocation and certificate validity status information services (e.g. CRLs, OCSP responses) in accordance with EU Directive 1999/93/EC or with Regulation (EU) No 910/2014 whichever is in force at the time of provision. This may also include generation and/or management of the associated private keys on behalf of the certified entity.

Service name:

English: Qualified Pseudonymous e-Szigno CA 2009

Hungarian: Qualified Pseudonymous e-Szigno CA 2009

Service digital identity: *Subject key identifier:*

92 7D B6 45 50 0E EF 96 30 67 B4 E9 D0 D3 44 79 48 4F 20 CB

Service digital identity: *Version:*

3

Serial number:

23 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified Pseudonymous e-Szigno CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

92 7D B6 45 50 0E EF 96 30 67 B4 E9 D0 D3 44 79 48 4F 20 CB

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2009-12-02T16:00:00.000Z   (02 Dec 2009 17:00:00 CET)

Valid to:

2029-12-29T16:00:00.000Z   (29 Dec 2029 17:00:00 CET)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = no limit

Thumbprint:

SHA-1:

E5:07:37:CF:81:E2:76:9C:7F:85:76:29:82:17:A6:79:D7:2A:9B:10

SHA-256:

F8:68:4D:28:12:BA:98:A5:2F:E9:45:28:C4:CB:15:23:78:A2:D7:3A:82:88:10:A8:C7:B8:52:98:75:C6:46:74

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100092851EB7B8B23801B54FD5D9A8BF5DAFF78283853A3A053D6C3C74EEFAA782998BAEE66717E1
87B31F8286CB4E2B8A6676E0EE20EDF1A74146BE360ABFBA5F09E1080BF6FEDCF49EBB23B885A5403F25FB7BB9E4E9
27380ADBE278D2A9A491BEA006ADEFDF3C09CFD35978D324BE968D1D8445CE9F2AC471B3E42B097228FC3C0604D1BB
F8BA55E6FB2D87C6AFFD682949DC25D60CF97EC01629B949FC91C114FA90E1547BD75FC08FE8F3BF01C4792699DAFA
97A6F790AABE35913BA6B8B5AED8E1974D4EF0E2E59AA79B68CB0D194A8CE2FA3AB4960C80019895272B1956E6C41E
631ADEA0E7E4FBD95173A93CFC2EB47F6E2A3B5A6B1F8D90CDA2E96B78D90203010001

Certificate policies:

2.5.29.32.0 (anyPolicy)

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIE8zCCA9ugAwIBAgIBFzANBgkqhkiG9w0BAQsFADCBgjELMAkGA1UEBhMCSFUxETAPBgNVBAcM
CEJ1ZGFwZXN0MRYwFAYDVQQKDA1NaWNyb3N1YyBMdGQuMScwJQYDVQQDDB5NaWNyb3N1NlYyBlLVN6
aWdubyBSb290IENBIDIwMDkxHzAdBgkqhkiG9w0BCQEWEGluZm9AZS1zemlnbm8uaHUwHhcNMDkx
MjAyMTYwMDAwWhcNMjkxMjI5MTYwMDAwWjCBizELMAkGA1UEBhMCSFUxETAPBgNVBAcMCEJ1ZGFw
ZXN0MRYwFAYDVQQKDA1NaWNyb3N1YyBMdGQuMTAwLgYDVQQDDCdRdWFsaWZpZWQgUHNldWRvbmlt
b3VzIGUtU3ppZ25vIENBIDIwMDkxHzAdBgkqhkiG9w0BCQEWEGluZm9AZS1zemlnbm8uaHUwggEi
MA0GCSqGSIb3DQEBAQUAA4IBDwAwggEKAoIBAQCShR63uLI4AbVP1dmov12v94KDhTo6BTlsPHTu
+qeCmYuu5mcX4YezH4KGy04rimZ24O4g7fGnQUa+Ngq/ul8J4QgL9v7c9J67I7iFpUA/Jft7ueTp
JzgK2+J40qmkkb6gBq3v3zwJz9NZeNMkvpaNHYRFzp8qxHGz5CsJcij8PAYE0bv4ulXm+y2Hxq/9
aClJ3CXWDPl+wBYpuUn8kcEU+pDhVHvXX8CP6PO/AcR5Jpna+pem95CqvjWRO6a4ta7Y4ZdNTvDi
5Zqnm2jLDRlKjOL6OrSWDIABmJUnKxlW5sQeYxreoOfk+9lRc6k8/C60f24q01prH42QzaLpa3jZ
AgMBAAGjggFnMIIBYzAPBgNVHRMBAf8EBTADAQH/MA4GA1UdDweB/wQEAwIBBjA7BgNVHSAENDAy
MDAGBFUdIAAwKDAmBggrBgEFBQcCARYaaHR0cDovL2NwLmUtc3ppZ25vLmh1L3FjcHMwHQYDVR0O
BBYEFJJ9tkVQDu+WMGe06dDTRHlITyDLMB8GA1UdIwQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRo
MBsGA1UdEQQUMBKBEGluZm9AZS1zemlnbm8uaHUwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2Ny
bC5lLXN6aWduby5odS9yb290Y2EyMDA5LmNybDBuBggrBgEFBQcBAQRiMGAwKwYIKwYBBQUHMAGG
H2h0dHA6Ly9yb290b2NzcDIwMDkuZS1zemlnbm8uaHUwMQYIKwYBBQUHMAKGJWh0dHA6Ly93d3cu
ZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5jcnQwDQYJKoZIhvcNAQELBQADggEBAHupcutAk0J2U6+1
hPGIPiXdolZdJ9lGkVsDivOxuNzKh0Dj61XaVjQriidBrd+ipNNOCYwUF0nGEPS65Fz3AjIDFg5i
ADqdmTK4SWe7QvuzW4KNwT7XWmBHMetID0y8Bi7wO7aCh7TQ408U9gSqrw3CCN6kXx/zqqW2CwiO
2c+o7ZmREGMxXNHiqNXy2bRd1twSU3VSIcdZ1CSRU+VWxfIg2dmOJJcgHGkLfhVCnLn4k8aA+kxV
GEy/pVD9PSZSj4siECm6gsNLDWD/f0iviVpIL0Pcq15v1n1+uy9tveMjxbSUdxthDNP0CCmCPJDb
1OaJZsrW7ESow42DMZd5Sxo=
-----END CERTIFICATE-----

Service digital identity: *Version:*

3

Serial number:

12 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified Pseudonymous e-Szigno CA
2009,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA
2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

92 7D B6 45 50 0E EF 96 30 67 B4 E9 D0 D3 44 79 48 4F 20 CB

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2009-06-16T14:35:25.000Z   (16 Jun 2009 16:35:25 CEST)

Valid to:

2029-12-29T14:35:25.000Z   (29 Dec 2029 15:35:25 CET)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = no limit

Thumbprint:

SHA-1:

13:4E:6F:B3:6F:74:C1:69:F2:6B:34:73:73:36:51:3D:C4:33:5B:76

SHA-256:

BC:AD:9B:EC:74:AF:54:CA:C4:83:97:22:E3:B6:CA:77:4B:D9:CA:74:C4:39:11:A4:C2:8F:A9:F9:24:D9:BE:67

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100092851EB7B8B23801B54FD5D9A8BF5DAFF78283853A3A053D6C3C74EEFAA782998BAEE66717E1
87B31F8286CB4E2B8A6676E0EE20EDF1A74146BE360ABFBA5F09E1080BF6FEDCF49EBB23B885A5403F25FB7BB9E4E9
27380ADBE278D2A9A491BEA006ADEFDF3C09CFD35978D324BE968D1D8445CE9F2AC471B3E42B097228FC3C0604D1BB
F8BA55E6FB2D87C6AFFD682949DC25D60CF97EC01629B949FC91C114FA90E1547BD75FC08FE8F3BF01C4792699DAFA
97A6F790AABE35913BA6B8B5AED8E1974D4EF0E2E59AA79B68CB0D194A8CE2FA3AB4960C80019895272B1956E6C41E
631ADEA0E7E4FBD95173A93CFC2EB47F6E2A3B5A6B1F8D90CDA2E96B78D90203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.5.1

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIE/TCCA+WgAwIBAgIBDDANBgkqhkiG9w0BAQsFADCBgjELMAkGA1UEBhMCSFUxETAPBgNVBAcM
CEJlZGFwZXN0MRYwFAYDVQQKDA1NaWNyb3NlYyBMdGQuMScwJQYDVQQDDB5NaWNyb3NlYyBlLVN6
aWdubyBSb290IENBIDIwMDkxHzAdBgkqhkiG9w0BCQEWEGluZm9AZS1zemlnbm8uaHUwHhcNMDkw
NjE2MTQzNTI1WhcNMjkxMjI5MTQzNTI1WjCBizELMAkGA1UEBhMCSFUxETAPBgNVBAcMCEJlZGFw
ZXN0MRYwFAYDVQQKDA1NaWNyb3NlYyBMdGQuMTAwLgYDVQQDDCdRdWFsaWZpZWQgUHNldWRvbmlt
b3VzIGUtU3ppZ25vIENBIDIwMDkxHzAdBgkqhkiG9w0BCQEWEGluZm9AZS1zemlnbm8uaHUwggEi
MA0GCSqGSIb3DQEBAQUAA4IBDwAwggEKAoIBAQCShR63uLI4AbVP1dmovl2v94KDhTo6BTlsPHTu
+qeCmYuu5mcX4YezH4KGy04rimZ24O4g7fGnQUa+Ngq/ul8J4QgL9v7c9J67I7iFpUA/Jft7ueTp
JzgK2+J40qmkkb6gBq3v3zwJz9NZeNMkvpaNHYRFzp8qxHGz5CsJcij8PAYE0bv4ulXm+y2Hxq/9
aClJ3CXWDPl+wBYpuUn8kcEU+pDhVHvXX8CP6PO/AcR5Jpna+pem95CqvjWRO6a4ta7Y4ZdNTvDi
5Zqnm2jLDRlKjOL6OrSWDIABmJUnKxlW5sQeYxreoOfk+9lRc6k8/C60f24qO1prH42QzaLpa3jZ
AgMBAAGjggFxMIIBbTAPBgNVHRMBAf8EBTADAQH/MA4GA1UdDwEB/wQEAwIBBjBFBgNVHSAEPjA8
MDoGDisGAQQBgagYAgEBAQUBMCgwJgYIKwYBBQUHAgEWGmh0dHA6Ly9jcC5lLXN6aWdub3sodS9x
Y3BzMB0GA1UdDgQWBBSSfbZFUA7vljBntOnQ00R5SE8gyzAfBgNVHSMEGDAWgBTLD8bfQkPMPcu1
SCOhGnqmKrs0aDABgNVHREEFDASgRBpbmZvQGUtc3ppZ25vLmh1MDYGA1UdHwQvMC0wK6ApoCeG
JWh0dHA6Ly9jcmwuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5jcmwwbgYIKwYBBQUHAQEEYjBgMCsG
CCsGAQUFBzABhh9odHRwOi8vcm9vdGG9jc3AyMDA5LmUtc3ppZ25vLmh1MDEGCCsGAQUFBzAChiVo
dHRwOi8vd3d3LmUtc3ppZ25vLmh1L3Jvb33RjYTIwMDkuY3J0MA0GCSqGSIb3DQEBCwUAA4IBAQCI
sOE75l87f2XzY/6cLWQS+CQEz3NLuOUYm8Tg1LJCEVK88wae4FuKyTgupbZQPvr+TR3jQRpKuECF
JOj8zBmuMogvt14NPnFz946hYdlTkkUY6pdd7cZ257710tGUojLPnHC+SwODTA+inUmRr+jxK/4e
v6wfq5Sx1XqWWjXspD/PI26ge7ZpDQLjtNB1p1xzTi7GaNf5hQgcOOiP0lhpzL9v8w8idkAjDUEN
2R3pJY+dnT4MwJ4pt/eRcG5WFOMjOtAKhakS2Qxw30nbw/2iw0lw7l3ydqAgKnZdSOQf8UYn7Fsr
uZJ+B+hTTza93v5ehjBMbrglQ6ELBjFnyB0o
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/granted

Following ex ante and active approval activities, in compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted a qualified status: - to the corresponding trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and - to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: http://crl.e-szigno.hu/qpca2009.crl

Service information extensions:

Extension 1/1, non-critical:

<tsl:AdditionalServiceInformation
xmlns:tsl="http://uri.etsi.org/02231/v2#"><tsl:URI
xml:lang="en">http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/ForeSignatures
</tsl:URI></tsl:AdditionalServiceInformation>

Service information extensions:

Extension 1/1, non-critical:

<tsl:AdditionalServiceInformation
xmlns:tsl="http://uri.etsi.org/02231/v2#"><tsl:URI
xml:lang="en">http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/ForeSignatures
</tsl:URI></tsl:AdditionalServiceInformation>

2.2.5.1. Qualified Pseudonymous e-Szigno CA 2009

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/QC

A qualified certificate issuing trust service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services, and under which are provided the relevant and related revocation and certificate validity status information services (e.g. CRLs, OCSP responses) in accordance with EU Directive 1999/93/EC or with Regulation (EU) No 910/2014 whichever is in force at the time of provision. This may also include generation and/or management of the associated private keys on behalf of the certified entity.

Service name: *English:* Qualified Pseudonymous e-Szigno CA 2009

                Hungarian: Qualified Pseudonymous e-Szigno CA 2009

Service digital identity: *Subject key identifier:*

92 7D B6 45 50 0E EF 96 30 67 B4 E9 D0 D3 44 79 48 4F 20 CB

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2009-06-16T14:35:25.000Z   (16 Jun 2009 16:35:25 CEST)

2.2.6. Qualified e-Szigno QCP CA 2012

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/QC

> *A qualified certificate issuing trust service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services, and under which are provided the relevant and related revocation and certificate validity status information services (e.g. CRLs, OCSP responses) in accordance with EU Directive 1999/93/EC or with Regulation (EU) No 910/2014 whichever is in force at the time of provision. This may also include generation and/or management of the associated private keys on behalf of the certified entity.*

Service name:

English: Qualified e-Szigno QCP CA 2012

Hungarian: Qualified e-Szigno QCP CA 2012

Service digital identity: *Subject key identifier:*

CC 3D 46 E8 65 00 BB EA C3 BD CF B7 88 E1 95 FF 53 79 A3 B4

Service digital identity: *Version:*

3

Serial number:

14 521 181 079 746 129 702 095 270 154 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno QCP CA 2012,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

CC 3D 46 E8 65 00 BB EA C3 BD CF B7 88 E1 95 FF 53 79 A3 B4

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2012-03-30T12:00:00.000Z   (30 Mar 2012 14:00:00 CEST)

Valid to:

2029-12-29T12:00:00.000Z   (29 Dec 2029 13:00:00 CET)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = no limit

Thumbprint:

SHA-1:

7B:DE:2A:85:2F:3F:50:1A:DD:97:F8:4C:4B:93:1B:65:5F:7B:CC:49

SHA-256:

CF:CB:60:C1:F0:18:0C:68:E3:EA:5D:24:B4:A0:5E:9D:99:00:D8:7C:3D:83:D5:03:CE:16:90:B3:C1:65:64:58

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100D759696468C3DA68FA3D2603AE7C99A01BE8B694F1562F8D7380C64A61D3304D7A10D698C8ED
2AE7EA6142C1F0D059D1CC2B016DD3FC89B3B9D608B2778FE7157831AD1FAD471D9899FC7A5E03160BBDFFC48DDF45
8AA57BC5247D6D62F6ACFE132D5EF73AECFFDCE9E85EDEEF14868B76BFBA93DE2B06A1E997B92DC8F04FD9DEE10ABE
F73CD3390B1DC3A30A133C827749D4CDDAE31F1DD076E310DF07071CACF0D80ECC57F50C658694C6603B876EBA81F0
15E2C1CFDE96B617A95595EA266D21CDADFC15862528B3CD4F0AD72BC358A6B49F6301A0C493A4A32510F4422059ED
0EF380DA7EB4C2A39E01E6963F1D6E391EB7635A0AC8F21EACF4C772B6AB0203010001

Certificate policies:

2.5.29.32.0 (anyPolicy)

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIE9TCCA92gAwIBAgIMLuujs6+RGksxvbEKMA0GCSqGSIb3DQEBCwUAMIGCMQswCQYDVQQGEwJI
VTERMA8GA1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1p
Y3Jvc2VjIGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdu
by5odTAeFw0xMjAzMzAxMjAwMDBaFw0yOTEyMjkxMjAwMDBaMIGCMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1lY3Jvc2Vj
ZCBlLVN6aWdubyBRQ1AgQ0EgMjAxMjEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWduby5odTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBANdZaWRow9po+j0mA658maAb6LaU8VYvjXOA
xkph0zBNehDWmMjtKufqYULB8NBZ0cwrAW3T/ImzudYIsneP5xV4Ma0frUcdmJn8el4DFgu9/8SN
30WKpXvFJHltYvas/hMtXvc67P/c6ehe3u8Uhot2v7qT3isGoemXuS3I8E/Z3uEKvvc80zkLHc0j
ChM8gndJ1M3a4x8d0HbjEN8HBxys8NgOzFf1DGWGlMZgO4duuoHwFeLBz96WthepVZXqJm0hza38
FYYlKLPNTwrXK8NYpr5fYwGgxJOkoyUQ9EIgWe0084DafrTCo54B5pY/HW45HrdjWgrI8h6s9Mdy
tqsCAwEAAaOCAWcwggFjMA8GA1UdEwEB/wQFMAMBAf8wDgYDVR0PAQH/BAQDAgEGMDsGA1UdIAQ0
MDIwMAYEVR0gADAoMCYGCCsGAQUFBwIBFhpodHRwOi8vY3AuZS1zemlnbm8uaHUvcWNwczAdBgNV
HQ4EFgQUzD1G6GUAu+rDvc+3iOGV/1N5o7QwHwYDVR0jBBgwFoAUyw/G30JDzD3LtUgjoRp6piq7
NGgwGwYDVR0RBBQwEoEQaW5mb0BlLXN6aWduby5odTA2BgNVHR8ELzAtMCugKaAnhiVodHRwOi8v
Y3JsLmUtc3ppZ25vLmh1L3Jvb3RjYTIwMDkuY3JsMG4GCCsGAQUFBwEBBGIwYDArBggrBgEFBQcw
AYYfaHR0cDovL3Jvb3RRvY3NwMjAwOS5lLXN6aWduby5odTAxBggrBgEFBQcwAoYlaHR0cDovL3d3
dy5lLXN6aWduby5odS9yb290Y2EyMDA5LmNydDANBgkqhkiG9w0BAQsFAAOCAQEAgaJ7B9CTqKP0
UwqUYz0ALi29Xu4n0ls5qhu2/bvmb90/7WLwNLxAPQLkINtaB4HCdhv1WVavZnJznhNaajseJtZ6
J4x3GInhBBxspyAQmUdC2nLu0NGMuIS5KbyXo7CdiLyiY+plt1seqVfMlDs9WtXEqg5kvu2DCbwE
Q9v0vr5a5SCgqHikQ/uEMyUSAKCYzsd7F8nMaay4r6O5D6Tnzql8i4Hb5jfy3JVYMfzPJxc5ZQrQ
4M5t/fb6IJLWhLESze3o47Vag3Wj0PXQe97kGOLTQh86hjGbSqj8C0/2isTORVL/vQWXGAGEbZck
kjtKwJpSurhpozWCucCQwK7FFg==
-----END CERTIFICATE-----

Service status:	http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/granted

Following ex ante and active approval activities, in compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted a qualified status:
- to the corresponding trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and - to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time:	2016-06-30T22:00:00.000Z (01 Jul 2016 00:00:00 CEST)
Service supply points:	http://www.e-szigno.hu/qcpca2012.crl
Service information extensions:	*Extension 1/2, non-critical:*

<tsl:AdditionalServiceInformation xmlns:tsl="http://uri.etsi.org/02231/v2#"><tsl:URI xml:lang="en">http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/ForeSignatures</tsl:URI></tsl:AdditionalServiceInformation>

Extension 2/2, critical:

Qualifier:

http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/NotQualified

> *It is ensured by the CSP, and supervised by the Member State Supervisory Body that all certificates issued under the service identified in 'Service digital identity' (clause 5.5.3) and further identified by the filters information used to further identify under the 'Sdi' identified trust service that precise set of certificates are not to be considered as qualified certificates.*
> *This value shall not be used if the service type is not http://uri.etsi.org/TrstSvc/Svctype/CA/QC.*

CriteriaList assert="atLeastOne":

Policy Set:

Identifier: urn:oid:1.3.6.1.4.1.21528.2.1.1.40.4.0
Identifier: urn:oid:1.3.6.1.4.1.21528.2.1.1.41.4.0
Identifier: urn:oid:1.3.6.1.4.1.21528.2.1.1.46.1.0
Identifier: urn:oid:1.3.6.1.4.1.21528.2.1.1.47.1.0

2.2.6.1. Qualified e-Szigno QCP CA 2012

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/QC

A qualified certificate issuing trust service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services, and under which are provided the relevant and related revocation and certificate validity status information services (e.g. CRLs, OCSP responses) in accordance with EU Directive 1999/93/EC or with Regulation (EU) No 910/2014 whichever is in force at the time of provision. This may also include generation and/or management of the associated private keys on behalf of the certified entity.

Service name:

English: Qualified e-Szigno QCP CA 2012

Hungarian: Qualified e-Szigno QCP CA 2012

Service digital identity: *Subject key identifier:*

CC 3D 46 E8 65 00 BB EA C3 BD CF B7 88 E1 95 FF 53 79 A3 B4

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2012-03-30T12:00:00.000Z   (30 Mar 2012 14:00:00 CEST)

2.2.7. Qualified KET e-Szigno CA 2009

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/QC

A qualified certificate issuing trust service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services, and under which are provided the relevant and related revocation and certificate validity status information services (e.g. CRLs, OCSP responses) in accordance with EU Directive 1999/93/EC or with Regulation (EU) No 910/2014 whichever is in force at the time of provision. This may also include generation and/or management of the associated private keys on behalf of the certified entity.

Service name:

English: Qualified KET e-Szigno CA 2009

Hungarian: Qualified KET e-Szigno CA 2009

Service digital identity: *Subject key identifier:*

EE A9 29 03 93 3C BB 8C D7 DA 5E 83 A7 C5 48 44 A0 B1 0A 41

Service digital identity: *Version:*

3

Serial number:

1 132 237 991 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified KET e-Szigno CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

CN=KGYHSZ (Public Administration Root CA - Hungary),C=hu

Subject key identifier:

EE A9 29 03 93 3C BB 8C D7 DA 5E 83 A7 C5 48 44 A0 B1 0A 41

Authority key identifier:

FC 9C E6 C6 B0 0A EA 1F D7 FA 7E 2E 20 05 68 5C 07 4A C2 E2

Valid from:

2010-12-17T10:19:34.000Z   (17 Dec 2010 11:19:34 CET)

Valid to:

2020-12-17T10:49:34.000Z   (17 Dec 2020 11:49:34 CET)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = 0

Thumbprint:

SHA-1:

74:DE:89:E7:D5:36:EA:8C:F0:81:93:93:0B:BA:F1:A7:74:C2:EE:00

SHA-256:

54:D0:94:7A:37:D5:35:61:9E:6A:77:C6:9F:4F:79:55:63:F4:3B:2A:59:DE:C0:8F:EA:34:C3:63:E5:FE:6F:59

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100B1966C26D2963A9C9D36E8C6624B94FE827EB8CA19649D81BBF73ECA9E94DF57A265F729D7CB
ED6E00EED4AE8CC59BFABEA90F846C4F8DDE8682789017A0537FD0D08F61EDC4EC4C3AD490696397197AAA1295A987
DA55C0D9CC10D1683CAAD1F8C08774CC98B6BF30A3F9AAB441029579AFDADF2AD2495D87E4FF1277974E6379D61E21
DC2C322274270FC94AB247E5734E699D6CE7AA4DDAC012D4C5CA7760DB54D01D8CC7FBE443C0DB9E28171F291FEE12
CDB4475E2DE27B08C6317DB93637DEDD15D74DD4FDD44374E1A1AF5221E5E452E1BC4C38C121ECF61FEE0846DD8D28
3B9C3E31232B8203B5CCFFF772C4EF2BD5E6815DC9FD73F7C4FCA58057CB0203010001

Certificate policies:

0.2.216.1.100.42.1.200.2

cPSuri = http://cp.kgyhsz.gov.hu

userNotice = A hitelesítés-szolgáltató egyaránt jogosult közigazgatási felhasználásra szolgáló, hivatali aláíráshoz és ügyfél által használt aláíráshoz kapcsolódó tanúsítványok kibocsátására. Minden felelősség kizárva a hitelesítési rendben foglaltak szerint.

CRL distribution points:

http://crl.kgyhsz.gov.hu/KGYHSZ_CA_20091210.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIGQTCCBSmgAwIBAgIEQ3yUpzANBgkqhkiG9w0BAQsFADBIMQswCQYDVQQGEwJodTE5MDcGA1UE
AwwwS0dZSFNaIChQdWJsaWMgQWRtaW5pc3RyYXRpb24gUm9vdCBDQSAtIEh1bmdhcnkpMB4XDTEw
MTIxNzEwMTKzNFoXDTIwMTIxNzEwNDkzNFowgYIxCzAJBgNVBAYTAkhVMREwDwYDVQQHDAhCdWRh
cGVzdDEWMBQGA1UECgwNTWljm9zZWMgTHRkLjEnMCUGA1UEAwweUXVhbGlmaWVkIEtFVCB1LVN6
aWdubyBDQSAyMDA5MR8wHQYJKoZIhvcNAQkBFhBpbmZvQGUtc3ppZ25vLmh1MIIBIjANBgkqhkiG
9w0BAQEFAAOCAQ8AMIIBCgKCAQEAsZZsJtKWOpydNujGYkuU/oJ+uMoZZJ2Bu/c+yp6U3leiZfcp
18vtbgDu1K6MxZv6vqkPhGxPjd6GgniQF6BTf9DQj2HtxOxMOtSQaWOXGXqqEpWph9pVwNnMENFo
PKrR+MCHdMyYtr8wo/mqtEEClXmv2t8q0kldh+T/EneXTmN51h4h3CwyInQnD8lKskflc05pnWzn
qk3awBLUxcp3YNtU0B2Mx/vkQ8DbnigXHykf7hLNtEdeLeJ7CMYxfbk2N97dFddN1P3UQ3Thoa9S
IeXkUuG8TDjBIez2H+4IRt2NKDucPjEjK4IDtcz/93LE7yvV5oFdyf1z98T8pYBXywIDAQABo4IC
9jCCAvIwDgYDVR0PAQH/BAQDAgEGMBIGA1UdEwEB/wQIMAYBAf8CAQAwggJIBgNVHSAEggI/MIIC
OzCCAjcGCgKBWAFkKgGBSAIwggInMCMGCCsGAQUFBwIBFhdodHRwOi8vY3Aua2d5aHN6Lmdvdi5o
dTCCAf4GCCsGAQUFBwICMIIB8B6CAewAQQAgAGgAaQB0AGUAbABlAHMA7QB0AOkAcwAtAHMAegBv
AGwAZwDhAGwAdABhAHQA8wAgAGUAZwB5AGEAcgDhAG4AdAAgAGoAbwBnAG8AcwBlAGwAdAAgAGsA
9gB6AGkAZwBhAHoAZwBhAHQA4QBzAGkAIABmAGUAbABoAGEAcwB6AG4A4A4QBsAOEAcwByAGEAIABz
AHoAbwBsAGcA4QBsAPMALAAgAGgAaQB2AGEAdABhAGwAaQAgAGEAbADhAO0AcgDhAHMAaABvAHoA
IADpAHMAIAD8AGcAeQBmAOkAbAAgAOEAbAB0AGEAbAAgAGgAYQBzAHoAbgDhAGwAdAAgAGEAbADh
AO0AcgDhAHMAaABvAHoAIABrAGEAcABjAHMAbwBsAPMAZADzACAAdABhAG4A4+gBzAO0AdAB2AOEA
bgB5AG8AawAgAGsAaQBiAG8AYwBzAOEAdAHAHMA4QByAGEALgAgAE0AaQBuAGQAZQBuACAAZgBl
AGwAZQBsAVEAcwBzAOkAZwAgAGsAaQB6AOEAcgB2AGEAIABhACAAaABpdAHQAZQBsAGUAcwDtAHQA
6QBzAGkAIAByAGUAbQBiAGkAGIAZQBuACAAZgBvAGcAbABhAGwAdABhAGsAIABzAHoAZQByAGkAbgB0
AC4wQAYDVR0fBDkwNzA1oDOgMYYvaHR0cDovL2NybC5rZ3loc3ouZ292Lmh1L0tHWUhTWl9DQV8y
MDA5MTIxMC5jcmwwHwYDVR0jBBgwFoAU/JzmxrAK6h/X+n4uIAVoXAdKwuIwHQYDVR0OBBYEFO6p
KQOTPLuM19peg6fFSE5gsQpBMA0GCSqGSIb3DQEBCwUAA4IBAQAZ05EnbJiGbjyBhGk/M+u0n0kH
TYlEQEXogu5xDJoFT5wmzpTpx2L7c8r/NdlouysX2Z38IbKkWNrNWAdNMXkxFlVbFv76gsNgFsvu
o8Zhnl9gpCSx6P8NW7Iya7cgDZkdIIGs5sbQrMW0tLwNQpn97nU3iortmwpHCvqXs7/uLylkIKfc
0J4PsTEljprFKUNspY/qwiLLJe5q/hLeyM4Ibrc8B0ST21eF6QEVoVxClCrTC7nxFIt8KiezVfDt
/4YnR94IHfd6djlwleAgLTPq55uVgnnHuAIDce+irp4JEX6mtuK1EJd5Gk/cWIzoxJR5uvYMd6pX
mfxxm7ZFpIr8
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/granted

Following ex ante and active approval activities, in compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted a qualified status:
- to the corresponding trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and - to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: http://www.e-szigno.hu/qkca2009.crl

http://qkocsp2009.e-szigno.hu

Service information extensions:

Extension 1/1, non-critical:

<tsl:AdditionalServiceInformation xmlns:tsl="http://uri.etsi.org/02231/v2#"><tsl:URI xml:lang="en">http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/ForeSignatures </tsl:URI></tsl:AdditionalServiceInformation>

Extension 1/1, non-critical:

<tsl:AdditionalServiceInformation xmlns:tsl="http://uri.etsi.org/02231/v2#"><tsl:URI xml:lang="en">http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/ForeSignatures </tsl:URI></tsl:AdditionalServiceInformation>

2.2.7.1. Qualified KET e-Szigno CA 2009

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/QC

A qualified certificate issuing trust service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services, and under which are provided the relevant and related revocation and certificate validity status information services (e.g. CRLs, OCSP responses) in accordance with EU Directive 1999/93/EC or with Regulation (EU) No 910/2014 whichever is in force at the time of provision. This may also include generation and/or management of the associated private keys on behalf of the certified entity.

Service name:

English: Qualified KET e-Szigno CA 2009

Hungarian: Qualified KET e-Szigno CA 2009

Service digital identity: *Subject key identifier:*

EE A9 29 03 93 3C BB 8C D7 DA 5E 83 A7 C5 48 44 A0 B1 0A 41

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2010-12-17T10:19:34.000Z   (17 Dec 2010 11:19:34 CET)

2.2.8. Advanced e-Szigno CA3

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.

Service name:

English: Advanced e-Szigno CA3

Hungarian: Advanced e-Szigno CA3

Service digital identity: *Subject key identifier:*

22 94 A4 06 AB 7C 14 E4 CC 36 16 8B 99 86 34 C4 58 F0 2E 7A

Service digital identity: *Version:*

3

Serial number:

147 120 592 322 923 742 486 295 463 265 803 287 513 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

CN=Advanced e-Szigno CA3,OU=e-Szigno CA,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

CN=Microsec e-Szigno Root CA,OU=e-Szigno CA,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

22 94 A4 06 AB 7C 14 E4 CC 36 16 8B 99 86 34 C4 58 F0 2E 7A

Authority key identifier:

C7 A0 49 75 16 61 84 DB 31 4B 84 D2 F1 37 40 90 EF 4E DC F7

Valid from:

2008-10-13T11:58:18.000Z   (13 Oct 2008 13:58:18 CEST)

Valid to:

2015-05-25T11:58:18.000Z   (25 May 2015 13:58:18 CEST)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = no limit

Thumbprint:

SHA-1:

CF:03:39:10:59:27:91:31:91:74:C1:A8:8E:FB:45:26:59:D1:FB:BB

SHA-256:

99:04:81:E5:CC:C1:B7:AD:92:57:5D:EF:E4:41:4D:B4:80:EF:C3:31:11:97:E6:93:66:74:74:9B:BF:0C:85:A5

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100CBCD0C4AE7A3ED1B5A8E8CEE4D04B31D1A81175C27E9C7A9C54FB993B7EA5DC0D7CE95A07FC6
BC53A344126C554C8E24E73AECC7875FA6EEAC71B516ABBDC11E962F79B1D10199B92FB6D29C2F7F50D6F332AA16E4
0AC137D9DEAC4E4FA8763462DD56510EA4E41A1B12934C25A7D84E01BFEC34F26AA99E6737F1900B72E7D3404CB6CA
307E6E14DE508B285D83B9E8524BC28F4A71C14D91307552D420A4EEDDAE6B5A82812E7CCC6C599C6F5B662D88F987
DB0C525756762000FBB2BAFC4FC93024E65D9E7D587E16D331AAA301A77F0C694CCDD099AFBFE04EBB8B025D0841DA
134AE09BAD21C385D6C6B04D0311950F8984ABFB67CC3D9A52F65D89B97F0203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.2

cPSuri = http://www.e-szigno.hu/SZSZ/

userNotice = A tanúsítvány értelmezéséhez és elfogadásához a Szolgáltató
Szolgáltatási Szabályzata szerint kell eljárni: http://www.e-szigno.hu/SZSZ/

CRL distribution points:

http://www.e-szigno.hu/RootCA.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIFuzCCBKOgAwIBAgIQbq5lOi8oUnEHlZDMsPm72TANBgkqhkiG9w0BAQUFADByMQswCQYDVQQG
EwJIVTERMA8GA1UEBxMIQnVkYXBlc3QxFjAUBgNVBAoTDU1pY3J3c2VjIEx0ZC4xFDASBgNVBAsT
C2UtU3ppZ25vIENBMSIwIAYDVQQDExlNaWNyb3NlYyBlLVN6aWdubyBSb290IENBMB4XDTA4MTAx
MzExNTgxOFoXDTE1MDUyNTExNTgxOFowbjELMAkGA1UEBhMCSFUxETAPBgNVBAcTCEJ1ZGFwZXN0
MRYwFAYDVQQKEw1NaWNyb3NlYyBMdGQuMRQwEgYDVQQLEwtlLVN6aWdubyBDQTEeMBwGA1UEAxMV
QWR2YW5jZWQgZS1Temlnbm88gQOEzMIIBIjANBgkqhkiG9w0BAQEFAAOCAQ8AMIIBCgKCAQEAy80M
Suej7RtajozuTQSzHRqBFlwn6cepxU+5k7fqXcDXzpWgf8a8U6NEEmxVTI4k5zrsx4dfpu6scbUW
q73BHpYvebHRAZm5L7bSnC9/UNbzMqoW5ArBN9nerE5PqHY0Ytl WUQ6k5BobEpNMJafYTgG/7DTy
aqmeZzfxkAty59NATLbKMH5uFN5Qiyhdg7noUkvCj0pxwU2RMHVS1CCk7t2ua1qCgS58zGxZnG9b
Zi2I+YfbDFJXVnYgAPuyuvxPyTAk5l2efVh+FtMxqqMBp38MaUzN0Jmvv+BOu4sCXQhB2hNK4Jut
IcOF1sawTQMRlQ+JhKv7Z8w9mlL2XYm5fwIDAQABo4ICTzCCAkswPQYIKwYBBQUHAQEEMTAvMC0G
CCsGAQUFBzAChiFodHRwOi8vd3d3LmUtc3ppZ25vLmh1L1Jvb3RRDQS5jcnQwHwYDVR0jBBgwFoAU
x6BJdRZhhNsxS4TS8TdAk09O3PcwDwYDVR0TAQH/BAUwAwEB/zCCAXMGA1UdIASCAWowggFmMIIB
YgYMKwYBBAGBqBgCAQECMIIBUDAoBggrBgEFBQcCARYcaHR0cDovL3d3dy5lLXN6aWdubw5odS9SZT
WlNaLzCCASIGCCsGAQUFBwICMIIBFB6CARAAQQAgAHQAYQBuAPoAcwDtAHQAdgDhAG4AeQAgAOkA
cgB0AGUAbABtAGUAegDpAHMA6QBoAGUAegAgAOkAcwAgAGUAbABmAG8AZwBhAGQA4QBzAOEAaABv
AHoAIABhACAAUwB6AG8AbABnAOEAbAB0AGEAdDAzACAAUwB6AG8AbABnAOEAbAB0AGEAdADhAHMA
aQAgAFMAegBhAGIA4QBsAHkAegBhAHQAYQAgAHMAegBlAHIAaQBuAHQAIABrAGUAbABsAACAAZQBs
AGoA4QByAG4AaQA6ACAAaAB0AHQAcAA6AC8ALwB3AHcAdwAuAGUALQBzAHoAaQBnAG4AbwAuAGgA
dQAvAFMAWgBTAFoALzAyBgNVHR8EKzApMCegJaAjhiFodHRwOi8vd3d3LmUtc3ppZ25vLmh1L1Jv
b3RDQS5jcmwwDgYDVR0PAQH/BAQDAgEGMB0GA1UdDgQWBBQilKQGq3wU5Mw2FouZhjTEWPAuejAN
BgkqhkiG9w0BAQUFAAOCAQEAPiUPPKipjPc67Gubtre6dXdhMBqS1DfFapfvB6lOce3lvzhslaAt
yo7wQE6lhpo+mDy0Drh5oa3FXgLArnLd4di66GfveraZFzQJi4GTWu3z8xqHFlYhwtyRvJSYt0Zv
LP95pMjfSm1dP3aj6qp5RIs4s8YimSFxXSyMGpeoZI3v+FgZNytMuS1ecdAZMBtgBmDCKpm7LWlc
o32e9x9ywNklonvCYrkIyeFTfBJ/NXsIs+Eab57LFu0XUG5HGWdOT6y6Lerd5AQIl/XOOgtbpjzk
tPCfgGCmrHEF0ntILIAPqQTFdYgB2nhS+DzqxUhXUiRPZl3Oj4Zxwy0g9oez0g==
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/recognisedatnationallevel

For trust services listed under a service type specified in clause 5.5.1.2: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved" status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in Regulation (EU) No 910/2014 and the applicable national legislation.
For NationalRootCA-QC type: The service is set by national law in accordance with the applicable European legislation and operated by the responsible national body issuing root-signing or qualified certificates to accredited trust service providers.
For other trust services listed under a service type specified in clause 5.5.1.3: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved"status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in the applicable national legislation.

Status starting time:	2016-06-30T22:00:00.000Z (01 Jul 2016 00:00:00 CEST)
Service supply points:	http://www.e-szigno.hu/ACA3.crl

Status starting time:	2016-06-30T22:00:00.000Z (01 Jul 2016 00:00:00 CEST)
Service supply points:	http://www.e-szigno.hu/ACA3.crl

2.2.8.1. Advanced e-Szigno CA3

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

> *A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.*

Service name: *English:*   Advanced e-Szigno CA3

    Hungarian: Advanced e-Szigno CA3

Service digital identity: *Subject key identifier:*

22 94 A4 06 AB 7C 14 E4 CC 36 16 8B 99 86 34 C4 58 F0 2E 7A

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2008-10-13T11:58:18.000Z   (13 Oct 2008 13:58:18 CEST)

2.2.9. Advanced e-Szigno CA2

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

> *A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.*

Service name:

English: Advanced e-Szigno CA2

Hungarian: Advanced e-Szigno CA2

Service digital identity: *Subject key identifier:*

68 C3 B4 DF B1 01 BB A3 03 B6 25 71 BA CF F8 FF D1 4C 35 99

Service digital identity: *Version:*

3

Serial number:

141 615 484 647 099 298 823 568 787 410 888 912 130 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

CN=Advanced e-Szigno CA2,OU=e-Szigno CA,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

CN=Microsec e-Szigno Root CA,OU=e-Szigno CA,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

68 C3 B4 DF B1 01 BB A3 03 B6 25 71 BA CF F8 FF D1 4C 35 99

Authority key identifier:

keyIdentifier:

C7 A0 49 75 16 61 84 DB 31 4B 84 D2 F1 37 40 90 EF 4E DC F7

authorityCertIssuer:

directoryName: CN=Microsec e-Szigno Root CA, OU=e-Szigno CA, O=Microsec Ltd., L=Budapest, C=HU

authorityCertSerialNumber:

272 122 594 155 480 254 301 341 951 808 045 322 001 (decimal)

Valid from:

2005-05-25T09:10:57.000Z   (25 May 2005 11:10:57 CEST)

Valid to:

2015-05-25T09:10:57.000Z   (25 May 2015 11:10:57 CEST)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = no limit

Thumbprint:

<div align="center">

SHA-1:

93:F3:FB:E3:D1:25:FE:C5:61:DF:93:6B:B3:C1:FB:8C:5C:6F:2B:50

SHA-256:

</div>

33:8D:C7:BC:10:C4:1E:40:FE:18:D1:2C:16:FA:C5:24:40:09:A6:93:C7:BE:22:6C:0A:A3:F5:0A:32:EA:9A:99

Public key:

<div align="center">

Algorithm, key length:

</div>

RSA, 2048

<div align="center">

Key value:

</div>

3082010A0282010100AC4ADD1AD28C8E459ADC7E4AAB359935775AA342204771AC506B27F37447501BFF4F71ADC990
82F0E16BB927EFD585AF6C582677EDC466783C2C2C90AA7AD45EAAD8C6EA9C7601AEE4248056D350CCBFF60A29DB89
0DD15E60D70EDAEE176123D3F7DBAFD7B6AA5973DA17F1F8351D32C5561EAC5E785DDCD5699385017B248E8805655C
44C32A404F0D907E810D954DED965B3D93FF0987D024CF525D36D28C15772F6CA040C71DADFCE09C65F717B6D106D7
4A55C344DBCA57AE0C7A88BA31529157F8E0142288F62A024312FF7A1D4F6861F8B7AC83A6151CD52FA544371704A1
A64FC1B54C57E36263620F594B45AAE92EA0461C613748EA466C83CDDDA90203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.8

cPSuri = http://www.e-szigno.hu/FSZSZ/

userNotice = A tanúsítvány értelmezéséhez és elfogadásához a Szolgáltató
Szolgáltatási Szabályzata szerint kell eljárni: http://www.e-szigno.hu/FSZSZ/

CRL distribution points:

http://www.e-szigno.hu/RootCA.crl

ldap://ldap.e-szigno.hu/CN=Microsec%20e-Szigno%20Root%20CA,OU=e-
Szigno%20CA,O=Microsec%20Ltd.,L=Budapest,C=HU?certificateRevocationList;
binary

PEM format:

-----BEGIN CERTIFICATE-----
MIIHpDCCBoygAwIBAgIQaoomdpele/Y5O9qR3nttAjANBgkqhkiG9w0BAQUFADByMQswCQYDVQQG
EwJIVTERMA8GA1UEBxMIQnVkYXBlc3QxFjAUBgNVBAoTDU1pY3Jvc2VjIEx0ZC4xFDASBgNVBAsT
C2UtU3ppZ25vIENBMSIwIAYDVQQDExlNaWNyb3NlYyBlLVNGaWdubyBSb290IENBMB4XDTA1MDUy
NTA5MTA1N1oXDTE1MDUyNTA5MTA1N1owbjELMAkGA1UEBhMCSFUxETAPBgNVBAcTCEJlZGFwZXN0
MRYwFAYDVQQKEw1NaWNyb3NlYyBMdGQuMRQwEgYDVQQLEwtlLVN6aWdubyBDQTEeMBwGA1UEAxMV
QWR2YW5jZWQgZS1Temlnbm8gQOEyMIIBIjANBgkqhkiG9w0BAQEFAAOCAQ8AMIIBCgKCAQEArErd
GtKMjkWa3H5KqzWZNXdao0IgR3GsUGsn83RHUBv/T3GtyZCC8OFruSfv1YWvbFgmd+3EZng8LCyQ
qnrUXqrYxuqcdgGu5CSAVtNQzL/2CinbiQ3RXmDXDtruF2Ej0/fbr9e2qllz2hfx+DUdMsVWHqxe
eF3c1WmThQF7JI6IBWVcRMMqQE8NkH6BDZVN7ZZbPZP/CYfQJM9SXTbSjBV3L2ygQMcdrfzgnGX3
F7bRBtdKVcNE28pXrgx6iLoxUpFX+OAUIoj2KgJDEv96HU9oYfi3rIOmFRzVL6VENxcEoaZPwbVM
V+NiY2IPWUtFqukuoEYcYTdI6kZsg83dqQIDAQABo4IEODCCBDQwgZIGA1UdEQSBijCBh4EQaW5m
b0BlLXN6aWduby5odaRzMHExHzAdBgNVBAMMFkZva296b3R0IGUtU3ppZ27DsyBDQTIxFjAUBgNV
BAsMDWUtU3ppZ27DsyBIU1oxFjAUBgNVBAoTDU1pY3Jvc2VjIEtmdC4xETAPBgNVBAcTCEJlZGFw
ZXN0MQswCQYDVQQGEwJIVTBpBggrBgEFBQcBAQRdMFswIKwYIKwYBBQUHMAGGHmh0dHBzOi8vYXJj
YS5lLXN6aWduby5odS9hb2NzcDAtBggrBgEFBQcwAoYhaHR0cDovL3d3dy5lLXN6aWduby5odS9S
b290Q0EuY3J0MIGsBgNVHSMEgaQwgaGAFMegSXUWYYTbMUuE0vE3QJDvTtz3oXakdDByMQswCQYD
VQQGEwJIVTERMA8GA1UEBxMIQnVkYXBlc3QxFjAUBgNVBAoTDU1pY3Jvc2VjIEx0ZC4xFDASBgNV
BAsTC2UtU3ppZ25vIENBMSIwIAYDVQQDExlNaWNyb3NlYyBlLVNGaWdubyBSb290IENBghEAzLjn
v04pGv2i3GalHCwPETAPBgNVHRMBAf8EBTADAQH/MIIBdgYDVR0gBIIBbTCCAWkwggFlBgwrBgEE
AYGoGAIBAQgwggFTMCkGCCsGAQUFBwIBFh1odHRwOi8vd3d3LmUtc3ppZ25vLmh1L0ZTWlNaLzCC
ASQGCCsGAQUFBwICMIIBFh6CARIAQQAgAHQAYQBuAPoAcwDtAHQAdgDhAG4AeQAgAOkAcgB0AGUA
bABtAGUAegDpAHMA6QBoAGUaegAgAOkAcwAgAGUAbABmAG8AZwBhAGQA4QBzAOEAaABvAHoAIABh
ACAAUwB6AG8AbABnAOEAbAB0AGEAdADzACAAUwB6AG8AbABnAOEAbAB0AGEAdDhAHMAaQAgAFMA
egBhAGIA4QBsAHkAegBhAHQAYQAgAHMAegBlAHIAaQBuAHQAIABrAGUAbABsACAAZQBsAGoA4QBy
AG4AaQA6ACAAaAB0AHQAcAA6AC8ALwB3AHcAdwAuAGUALQBzAHoAaQBnAG4AbwAuAGgAdQAvAEYA
UwBaAFMAWgAvMIIBgNVHR8EgcAwgb0wgbqggbeggbSGIWh0dHA6Ly93d3cuZS1zemlnbm8uaHUv
Um9vdENBLmNybIaBjmxkYXA6Ly9sZGFwLmUtc3ppZ25vLmh1L0NOPU1pY3Jvc2VjJTIwZS1Temln
bm8lMjBSb290JTIwQ0EsT1U9ZS1Temlnbm8lMjBDQSxPPU1pY3Jvc2VjJTIwTHRkLixMPUJ1ZGFw
ZXN0LEM9SFU/Y2VydGlmaWNhdGVSZXZvY2F0aW9uTGlzdDtiaW5hcnkwDgYDVR0PAQH/BAQDAgEG
MB0GA1UdDgQWBBRow7TfsQG7ow02JXG6z/j/0Uw1mTANBgkqhkiG9w0BAQUFAAOCAQEAInR0VeZc
fY3fZA3AJeTM0SlMM7x9maxSucrbVjUHgJ4ayJOtdcNIS9tcAYo9IBKDNzP2rp6i9Jk5dgW7MEx5
ePqWcVbvnd16mIOIw2mjI+FJXZpKWaHlLST80ttk8+xauwD3hYSXzcoog52bs1Fgs6SSA3JvfbvN
CcD9jkmi4W4TckZFR63Smjm7HEun3sX1RYD9yHKESswfHG1jRvykVpUG4ugy70bgcX0/SRg5kpkY
4cIklVur/Lxe/6RtbDO1wQkI8Yk/zDnVKI/UwfXHNtpF8Mwh+H/TP2ClsVq8H2FDBcwt1R5ORcFK
aT2OI3bpTtuKv+cyMPbW8P3/QFEIYw==
-----END CERTIFICATE-----

Service status:	http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/recognisedatnationallevel

For trust services listed under a service type specified in clause 5.5.1.2: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved" status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in Regulation (EU) No 910/2014 and the applicable national legislation.

For NationalRootCA-QC type: The service is set by national law in accordance with the applicable European legislation and operated by the responsible national body issuing root-signing or qualified certificates to accredited trust service providers.

For other trust services listed under a service type specified in clause 5.5.1.3: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved"status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in the applicable national legislation.

Status starting time:	2016-06-30T22:00:00.000Z (01 Jul 2016 00:00:00 CEST)
Service supply points:	http://www.e-szigno.hu/ACA2.crl

2.2.9.1. Advanced e-Szigno CA2

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

> *A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.*

Service name:

English: Advanced e-Szigno CA2

Hungarian: Advanced e-Szigno CA2

Service digital identity:

Subject key identifier:

68 C3 B4 DF B1 01 BB A3 03 B6 25 71 BA CF F8 FF D1 4C 35 99

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2005-05-25T09:10:57.000Z   (25 May 2005 11:10:57 CEST)

2.2.10. Signature e-Szigno CA6

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

> *A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.*

Service name:

  English: Signature e-Szigno CA6

  Hungarian: Signature e-Szigno CA6

Service digital identity: *Subject key identifier:*

F2 13 57 DD BD 73 58 51 D3 5A F8 DA E4 BB 6F C6 79 60 72 57

Service digital identity: *Version:*

3

Serial number:

1 132 236 652 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

CN=Signature e-Szigno CA6,OU=e-Szigno CA,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

CN=KGYHSZ (Public Administration Root CA - Hungary),C=hu

Subject key identifier:

F2 13 57 DD BD 73 58 51 D3 5A F8 DA E4 BB 6F C6 79 60 72 57

Authority key identifier:

C4 1B 6F BF 5A 96 BB F8 3F CC 17 78 BF 0E 6B E4 B7 71 56 57

Valid from:

2007-01-10T09:03:36.000Z (10 Jan 2007 10:03:36 CET)

Valid to:

2017-01-10T09:33:36.000Z (10 Jan 2017 10:33:36 CET)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = 0

Thumbprint:

       SHA-1:

30:FE:07:A3:F5:45:98:75:40:67:EF:19:E7:CD:EE:97:9A:F1:2E:0C

       SHA-256:

E3:38:B8:A6:E4:D0:D5:4F:59:D3:C1:85:31:B9:16:2E:C8:2D:70:5B:E8:C7:F8:99:FA:26:1F:DA:38:3F:95:53

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100AC7DFCE98EDEB0F2EE6F68DB07EE5ABD8D6BA0FC87C69A186A408CEF8C81EDA7A8BFBD819B0E
885F6D9963982E078BE2699C32FE2603D3C362E945C0DECAA2C1F6201EF306622467567373A3D40AEE75367E3C6A57
29F517B4C8364BE4D765244E1780F62B0F24BCE1AF84C3E2B168C993B1C158421147F8B989B5B03919F5256EF4D5D0
423BB95AFA5CEBF3CA8503276E5A1F2C3FF522579AA5A18BE1101B61428A95E54BF928686F45C416517DFF03BB92E3
1EC286597FCD7D29316DB026B5254CEA06A59023CFEF4018F539F3D46F0A9D7BE33E7CA1506601F69B679A5B5A64DD
BEA5A227EE916E849C2776ED262BA4B7590C773C6CE821F1044BBF18BB750203010001

Certificate policies:

0.2.216.1.100.42.1.200.2

cPSuri = http://cp.kgyhsz.gov.hu

userNotice = A hitelesítés-szolgáltató egyaránt jogosult közigazgatási
felhasználásra szolgáló, hivatali aláíráshoz és ügyfél által használt aláíráshoz
kapcsolódó tanúsítványok kibocsátására. Minden felelősség kizárva a hitelesítési
rendben foglaltak szerint.

CRL distribution points:

http://crl.kgyhsz.gov.hu/KGYHSZ_CA_20060719.crl

PEM format:

```
-----BEGIN CERTIFICATE-----
MIIGLTCCBRWgAwIBAgIEQ3yPbDANBgkqhkiG9w0BAQUFADBIMQswCQYDVQQGEwJodTE5MDcGA1UE
AwwwS0dZSFNaIChQdWJsaWMgQWRtaW5pc3RyYXRpb24gUm9vdCBDQSAtIEh1bmdhcnkpMB4XDTA3
MDExMDA5MDMzNloXDTE3MDExMDA5MzMzNlowbzELMAkGA1UEBhMCSFUxETAPBgNVBAcTCEJ1ZGFw
ZXN0MRYwFAYDVQQKEw1NaWNyb3NlYyBMdGQuMRQwEgYDVQQLEwtlLVN6aWdubyBDQTEfMB0GA1UE
AxMWU2lnbmF0dXJlIGUtU3ppZ25vIENBNjCCASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEB
AKx9/OmO3rDy7m9o2wfuWr2Na6D8h8aaGGpAjO+Mge2nqL+9gZsOiF9tmWOYLgeL4mmcMv4mA9PD
YulFwN7KosH2IB7zBmIkZlZzc6PUCu51Nn48alcp9Re0yDZL5NdlJE4XgPYrDyS84a+Ew+KxaMmT
scFYQhFH+LmJtbA5GfUlbvTV0EI7uVr6XOvzyoUDJ25aHyw/9SJXmqWhi+EQG2FCipXlS/koaG9F
xBZRff8Du5LjHsKGWX/NfSkxbbAmtSVM6galkCPP70AY9Tnz1G8KnXvjPnyhUGYB9ptnmltaZN2+
paIn7pFuhJwndu0mK6S3WQx3PGzoIfEES78Yu3UCAwEAAaOCAvYwggLyMA4GA1UdDwEB/wQEAwIB
BjASBgNVHRMBAf8ECDAGAQH/AgEAMIICSAYDVR0gBIICPzCCAjswggI3BgoCgVgBZCoBgUgCMIIC
JzAjBggrBgEFBQcCARYXaHR0cDovL2NwLmtneWhzei5nb3YuaHUwggH+BggrBgEFBQcCAjCCAfAe
ggHsAEEAIABoAGkAdABlAGwAZQBzAO0AdDpAHMALQBzAHoAbwBsAGcA4QBsAHQAYQB0APMAIABl
AGcAeQBhAHIA4QBuAHQAIABqAG8AZwBvAHMAdQBsAHQAIABrAPYAegBpAGcAYQB6AGcA4QB0AOEA
cwBpACAAZgBlAGwAaABhAHMAegBuAOEAbABhAHMAcgBhACAAcwB6AG8AbABnAOEAbADzACwIABo
AGkAdgBhAHQAYQBsAGkAIABhAGwA4QDtAHIA4QBzAGgAbwB6ACAAZQBzACAA/BnAHkAZgDpAGwA
IADhAGwAdABhAGwAIABoAGEAcwB6AG4A4QBsAHQAIABhAGwA4QDtAHIA4QBzAGgAbwB6ACAAawBh
AHAAYwBzAG8AbADzAGQA8wAgAHQAYQBuAPoAcwDtAHQA0AdgDhAG4AeQBvAGsAIABrAGkAYgBvAGMA
cwDhAHQA4QBzAO0ACgBhAC4AIABNAGkAbgBkAGUAbgAgAGYAZQBsAGUAbAFRAHMAcwDpAGcAIABr
AGkAegDhAHIAdgBhACAAYQAgAGgAaQB0AGUAbABlAHMA7QB0AOkAcwBpACAAcgBlAG4AZABiAGUA
bgAgAGYAbwBnAGwAYQBsAHQAYQBrACAAcwB6AGUAcgBpAG4AdAAuMEAGA1UdHwQ5MDcwNaAzoDGG
L2h0dHA6Ly9jcmwua2d5aHN6Lmdvdi5odS9LR1lIU1pfQ0FfMjAwNjA3MTkuY3JsMB8GA1UdIwQY
MBaAFMQbb79alrv4P8wXeL8Oa+S3cVZXMB0GA1UdDgQWBBTyE1fdvXNYUdNa+Nrku2/GeWByVzAN
BgkqhkiG9w0BAQUFAAOCAQEASf+qnl9occY7pazIO5O4MOnocCpNr59J4WUOUv21qLhoXcOOmAKe
2rS0aO+37tY0dZH4EG5fTwDK14ZUSTU94PA2UYxDbl40Xic0V0qlQdxUtdQN6AEEYZQ6U5+nz2AA
vW7puVWHLEYeR2udO+KaQ2mwlSlB4Aj/0lVxqPYeNSWYXuDfMY4nb3FPJ8kbp8OUeL7qqISYhR7/
AIdouS22rmjJCl7umrlaY4UPtQElgwYLoR6C6BEw64soFYH2lqPIs2V6piu3KsT0fDQpn5LtRMNt
rhlDP5ZA3Y0EqeOLj/uHxmaAHZytyHQKmvni2n6CykXb9EKPjhG+UY8HGR/opQ==
-----END CERTIFICATE-----
```

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/recognisedatnationallevel

For trust services listed under a service type specified in clause 5.5.1.2: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved" status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in Regulation (EU) No 910/2014 and the applicable national legislation.
For NationalRootCA-QC type: The service is set by national law in accordance with the applicable European legislation and operated by the responsible national body issuing root-signing or qualified certificates to accredited trust service providers.
For other trust services listed under a service type specified in clause 5.5.1.3: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved"status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in the applicable national legislation.

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points:

http://www.e-szigno.hu/CA6.crl

2.2.10.1. Signature e-Szigno CA6

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

> *A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.*

Service name:

English: Signature e-Szigno CA6

Hungarian: Signature e-Szigno CA6

Service digital identity: *Subject key identifier:*

F2 13 57 DD BD 73 58 51 D3 5A F8 DA E4 BB 6F C6 79 60 72 57

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2007-01-10T09:03:36.000Z   (10 Jan 2007 10:03:36 CET)

2.2.11. Advanced Class 3 e-Szigno CA 2009

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.

Service name:

English: Advanced Class 3 e-Szigno CA 2009

Hungarian: Advanced Class 3 e-Szigno CA 2009

Service digital identity: *Subject key identifier:*

26 B7 18 01 AC 9C 78 EF C0 A5 87 C0 0D 3F 3C 9A F2 8B 45 81

Service digital identity: *Version:*

3

Serial number:

25 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Advanced Class 3 e-Szigno CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

26 B7 18 01 AC 9C 78 EF C0 A5 87 C0 0D 3F 3C 9A F2 8B 45 81

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2009-12-02T16:00:00.000Z   (02 Dec 2009 17:00:00 CET)

Valid to:

2029-12-29T16:00:00.000Z   (29 Dec 2029 17:00:00 CET)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = no limit

Thumbprint:

SHA-1:

7C:28:E2:A0:BE:01:53:C3:2A:F0:4A:2D:8C:0D:1F:C5:FE:80:12:24

SHA-256:

B0:A6:EF:03:50:E7:C4:C6:05:6B:EE:A7:AF:9D:2D:86:0B:9E:D1:02:13:7B:97:29:D3:C2:32:16:D1:95:54:6A

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100D77E5DD83F7665E7E006E8B66E13608189C4F9D3B0A3D6ADCB97351CED8232922C7F87693FE4
4FB574348ED923C836B7EDB54BDCC69E2C6F35BB9A35E963EEB8B1D8E00CB8444066C7D280A30C1C5CA8AB48E3348D
AC5DAEC0EC74EAD9114F91AF6736C137D691163DB4F879987544BE5C346E30A8165F3C7FF6EBF20CD1ECB721844064
B6F3450A8D99EE33C4D65F9DDAE9A2A854920711198ADEEA9CF4170CD27B80CBFB450FC8E806D7A6299607E327E7A5
3B5E18844AF14BB41283EDEA48CCE98AE0159EFAE60B0E154DA06794264E61871DCA4CDA15FBD367914BFA5FA6A1F0
B225DD42945CA5F55A043973908D67E087CF31E897B9870EDD44F38263FF0203010001

Certificate policies:

2.5.29.32.0 (anyPolicy)

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIE7TCCA9WgAwIBAgIBGTANBgkqhkiG9w0BAQsFADCBgjELMAkGA1UEBhMCSFUxETAPBgNVBAcM
CEJlZGFwZXN0MRYwFAYDVQQKDA1NaWNyb3NlYyBMdGQuMScwJQYDVQQDDB5NaWNyb3NlYyBlLVN6
aWdubyBSb290IENBIDIwMDkxHzAdBgkqhkiG9w0BCQEWEGluZm9AZS1zemlnbm8uaHUwHhcNMDkx
MjAyMTYwMDAwWhcNMjkxMjI5MTYwMDAwWjCBhTELMAkGA1UEBhMCSFUxETAPBgNVBAcMCEJlZGFw
ZXN0MRYwFAYDVQQKDA1NaWNyb3NlYyBMdGQuMSowKAYDVQQDDCFBZHZhbmNlZCBDbGFzcyAzIGUt
U3ppZ25vIENBIDIwMDkxHzAdBgkqhkiG9w0BCQEWEGluZm9AZS1zemlnbm8uaHUwggEiMA0GCSqG
SIb3DQEBAQUAA4IBDwAwggEKAoIBAQDXfl3YP3Zl5+AG6LZuE2CBicT507Cjlq3LlzUc7YIykix/
h2k/5E+1dDSO2SPINrfttUvcxp4sbzW7mjXpY+64sdjgDLhEQGbH0oCjDBxcqKtI4zSNrF2uwOx0
6tkRT5GvZzbBN9aRFj20+HmYdUS+XDRuMKgWXzx/9uvyDNHstyGEQGS280UKjZnuM8TWX53a6aKo
VJIHERmK3uqc9BcM0nuAy/tFD8joBtemKZYH4yfnpTteGIRK8Uu0EoPt6kjM6YrgFZ765gsOFU2g
Z5QmTmGHHcpM2hX702eRS/pfpqHwsiXdQpRcpfVaBDlzkI1n4IfPMeiXuYcO3UTzgmP/AgMBAAGj
ggFnMIIBYzAPBgNVHRMBAf8EBTADAQH/MA4GA1UdDwEB/wQEAwIBBjA7BgNVHSAENDAyMDAGBFUd
IAAwKDAmBggrBgEFBQcCARYaaHR0cDovL2NwLmUtc3ppZ25vLmh1L3FjcHMwHQYDVR0OBBYEFCa3
GAGsnHjvwKWHwA0/PJryi0WBMB8GA1UdIwQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRoMBsGA1Ud
EQQUMBKBEGluZm9AZS1zemlnbm8uaHUwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2NybC5lLXN6
aWduby5odS9yb290Y2EyMDA5LmNybDDBuBggrBgEFBQcBAQRiMGAwKwYIKwYBBQUHMAGGH2h0dHA6
Ly9yb290b2NzcDIwMDkuZS1zemlnbm8uaHUwMQYIKwYBBQUHMAKGJWh0dHA6Ly93d3cuZS1zemln
bm8uaHUvcm9vdGNhMjAwOS5jcnQwDQYJKoZIhvcNAQELBQADggEBAAgx8vZl/lgms9yJjqaixckq
CnrXbo2IiY+ZgD0dcu/hHpKGiafdSKYE+jXtpbyT7pbqHKfuC87qK6tbUSo4UViyhBmpITlOfvgh
yNzHIT5Vbb1rSzPNd4tYBQRI8kZ6gCZFZ22VR3YZ+yclip6g1a1DY2NSW/asx9mqVWn0D9lMvm6d
UMLhmW8lR52KqDWfmROe+APmuxhC78qqOP0tI7HwjvOaYeGzQknJrgj4f2DWLTm8r8zH7CmgmMr1
tDWQBY6nMCPK3lWhxtFwJP48RoZFIX9SmP6oH9gIDNe4WjzZICnhraWOB3t/0D8ZqY+mY0V57A+i
2iwOA/lQBHS2rPw=
-----END CERTIFICATE-----

Service digital identity:

Version:

3

Serial number:

14 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Advanced Class 3 e-Szigno CA
2009,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA
2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

26 B7 18 01 AC 9C 78 EF C0 A5 87 C0 0D 3F 3C 9A F2 8B 45 81

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2009-06-16T14:41:06.000Z   (16 Jun 2009 16:41:06 CEST)

Valid to:

2029-12-29T14:41:06.000Z   (29 Dec 2029 15:41:06 CET)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = no limit

Thumbprint:

SHA-1:

15:A6:14:1C:EB:B5:80:3F:2D:6C:42:06:1E:90:3F:0C:6A:6A:41:1C

SHA-256:

A7:0A:C5:12:AB:1C:4F:47:47:50:F1:4F:9A:DE:3E:FF:39:C0:36:33:6E:5D:29:9F:11:79:C7:95:4F:1E:78:C6

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100D77E5DD83F7665E7E006E8B66E13608189C4F9D3B0A3D6ADCB97351CED8232922C7F87693FE4
4FB574348ED923C836B7EDB54BDCC69E2C6F35BB9A35E963EEB8B1D8E00CB8444066C7D280A30C1C5CA8AB48E3348D
AC5DAEC0EC74EAD9114F91AF6736C137D691163DB4F879987544BE5C346E30A8165F3C7FF6EBF20CD1ECB721844064
B6F3450A8D99EE33C4D65F9DDAE9A2A8549207111198ADEEA9CF4170CD27B80CBFB450FC8E806D7A6299607E327E7A5
3B5E18844AF14BB41283EDEA48CCE98AE0159EFAE60B0E154DA06794264E61871DCA4CDA15FBD367914BFA5FA6A1F0
B225DD42945CA5F55A043973908D67E087CF31E897B9870EDD44F38263FF0203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.21.2.1

cPSuri = http://cp.e-szigno.hu/acps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIE9zCCA9+gAwIBAgIBDjANBgkqhkiG9w0BAQsFADCBgjELMAkGA1UEBhMCSFUxETAPBgNVBAcM
CEJlZGFwZXN0MRYwFAYDVQQKDA1NaWNyb3NlYyBMdGQuMScwJQYDVQQDDB5NaWNyb3NlYyBlLVN6
aWdubyBSb290IENBIDIwMDkxHzAdBgkqhkiG9w0BCQEWEGluZm9AZS1zemlnbm8uaHUwHhcNMDkw
NjE2MTQ0MTA2WhcNMjkxMjI5MTQ0MTA2WjCBhTELMAkGA1UEBhMCSFUxETAPBgNVBAcMCEJlZGFw
ZXN0MRYwFAYDVQQKDA1NaWNyb3NlYyBMdGQuMSowKAYDVQQDDCFBZHZhbmNlZCBDBdGFzcyAzIGUt
U3ppZ25vIENBIDIwMDkxHzAdBgkqhkiG9w0BCQEWEGluZm9AZS1zemlnbm8uaHUwggEiMA0GCSqG
SIb3DQEBAQUAA4IBDwAwggEKAoIBAQDXfl3YP3Zl5+AG6LZuE2CBicT507Cj1q3LlzUc7YIykix/
h2k/5E+1dDSO2SPINrfttUvcxp4sbzW7mjXpY+64sdjgDLhEQGbH0oCjDBxcqKtI4zSNrF2uwOx0
6tkRT5GvZzbBN9aRFj20+HmYdUS+XDRuMKgWXzx/9uvyDNHstyGEQGS280UKjZnuM8TWX53a6aKo
VJIHERmK3uqc9BcM0nuAy/tFD8joBtemKZYH4yfnpTteGIRK8Uu0EoPt6kjM6YrgFZ765gsOFU2g
Z5QmTmGHHcpM2hX702eRS/pfpqHwsiXdQpRcpfVaBDlzkI1n4IfPMeiXuYcO3UTzgmP/AgMBAAGj
ggFxMIIBbTAPBgNVHRMBAf8EBTADAQH/MA4GA1UdDwEB/wQEAwIBBjBFBgNVHSAEPjA8MDoGDisG
AQQBgagYAgEBFQIBMCgwJgYIKwYBBQUHAgEWGmh0dHA6Ly9jcC5lLXXN6aWdub5odS9hcDMB0G
A1UdDgQWBBQmtxgBrJx478Clh8ANPzya8otFgTAfBgNVHSMEGDAWgBTLD8bfQkPMPcu1SCOhGnqm
Krs0aDAbBgNVHREEFDASgRBpbmZvQGUtc3ppZ25vLmh1MDYGA1UdHwQvMC0wK6ApoCeGJWh0dHA6
Ly9jcmwuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5jcmwwbgYIKwYBBQUHAQEEYjBgMCsGCCsGAQUF
BzABhh9odHRwOi8vcm9vdGG9jc3AyMDA5LmUtc3ppZ25vLmh1MDEGCCsGAQUFBzAChiVodHRwOi8v
d3d3LmUtc3ppZ25vLmh1L3Jvb3RjYTIwMDkuY3J0MA0GCSqGSIb3DQEBCwUAA4IBAQBZcKRE5GXp
H5486GszO9pNJLHxOSdrbhElJZy7PThIJmZJDe2NF7e0+j+vDy3yehWi69EmBgfuhcYmwDiGQp0W
d7EOskbCRozPPw8m59FuKF8iTV7Di64HkTUJZQjWE4FkkgV/N9ZDuS/2Yk4hBPzzWwqTA0YO5c/w
dqpng4AfpCT63UsdKHjCk3MwiToMHqZfIC4yMAIjH63BVSn3vGbI43v5rnWN5Dzr+mWwCBZomg8S
Vb8Xdh0ikH9hGcIFwxrEY+eDG7fRFRlT8t+DSs8gybqOv/e3SnA31T6b1rXaIDX+q/Cn1+5USh4K
yB826guWQmNbHOjL+0SUbQLCuGCS
-----END CERTIFICATE-----

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/recognisedatnationallevel

For trust services listed under a service type specified in clause 5.5.1.2: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved" status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in Regulation (EU) No 910/2014 and the applicable national legislation.
For NationalRootCA-QC type: The service is set by national law in accordance with the applicable European legislation and operated by the responsible national body issuing root-signing or qualified certificates to accredited trust service providers.
For other trust services listed under a service type specified in clause 5.5.1.3: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved"status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in the applicable national legislation.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: http://crl.e-szigno.hu/a3ca2009.crl

2.2.11.1. Advanced Class 3 e-Szigno CA 2009

<div style="text-align:right">
Provider: 2
Service: 11
History: 1/1
</div>

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

> *A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.*

Service name:

English: Advanced Class 3 e-Szigno CA 2009

Hungarian: Advanced Class 3 e-Szigno CA 2009

Service digital identity: *Subject key identifier:*

26 B7 18 01 AC 9C 78 EF C0 A5 87 C0 0D 3F 3C 9A F2 8B 45 81

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2009-06-16T14:41:06.000Z   (16 Jun 2009 16:41:06 CEST)

2.2.12. Advanced Class 2 e-Szigno CA 2009

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.

Service name:

English: Advanced Class 2 e-Szigno CA 2009

Hungarian: Advanced Class 2 e-Szigno CA 2009

Service digital identity: *Subject key identifier:*

3E B5 ED F2 A3 25 28 E4 02 37 AB 16 C3 B5 FD 9C 80 BF 53 38

Service digital identity: *Version:*

3

Serial number:

24 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Advanced Class 2 e-Szigno CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

3E B5 ED F2 A3 25 28 E4 02 37 AB 16 C3 B5 FD 9C 80 BF 53 38

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2009-12-02T16:00:00.000Z   (02 Dec 2009 17:00:00 CET)

Valid to:

2029-12-29T16:00:00.000Z   (29 Dec 2029 17:00:00 CET)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = no limit

Thumbprint:

SHA-1:

EC:4A:A3:E0:A6:BE:4E:F5:20:55:DB:97:62:BB:77:BA:EC:57:06:D5

SHA-256:

C6:35:43:72:9A:37:0C:26:95:2B:47:E1:D1:D1:AE:A8:4C:B1:B0:7F:1B:0F:96:4C:2F:ED:DC:52:3F:D7:C7:95

Public key:

Algorithm, key length:

RSA, 2048

Key value:

```
3082010A0282010100B44FFE0B19425DDA3247E1EFACD1F74C2BDAF80D6445142280450C04F8FA1E4E63478AC0A3B1
78F3EEF8E0075A20BE835AE14C7271F10A4215DED4CAF00BBFF5EDD4464232DA0134EACE752F91BFA3676E7438D9EE
DD0D1B95EF7AD25E701D2E6A3A524E6886BEDDE0EC624C31254CB4718159A9B541F58F058894C31A75C58BDEB1CF51
DFFC98C0F32E7CB50CE56F001D251D9DB33611D96D309C9DF95782BF3DDB010BC5CB2999AFF05D388ADF6DE0C209DD
81AB0DF79A9B49744E1065C04BA88A105707DACAC2BB5D66E6F2B97BD80063BD6BDE3FC1832177D79F94ED41D295AE
84364263816EFFEE821F26D84F8FDF8575E9E01725EB36E7B3D23D0530DF0203010001
```

Certificate policies:

2.5.29.32.0 (anyPolicy)

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

```
-----BEGIN CERTIFICATE-----
MIIE7TCCA9WgAwIBAgIBGDANBgkqhkiG9w0BAQsFADCBgjELMAkGA1UEBhMCSFUxETAPBgNVBAcM
CEJ1ZGFwZXN0MRYwFAYDVQQKDA1NaWNyb3NlYyBMdGQuMScwJQYDVQQDDB5NaWNyb3NlYyBlLVN6
aWdubyBSb290IENBIDIwMDkxHzAdBgkqhkiG9w0BCQEWEGluZm9AZS1zemlnbm8uaHUwHhcNMDkx
MjAyMTYwMDAwWhcNMjkxMjI5MTYwMDAwWjCBhTELMAkGA1UEBhMCSFUxETAPBgNVBAcMCEJ1ZGFw
ZXN0MRYwFAYDVQQKDA1NaWNyb3NlYyBMdGQuMSowKAYDVQQDDCFBZHZhbmNlZCBDbGFzcyAyIGUt
U3ppZ25vIENBIDIwMDkxHzAdBgkqhkiG9w0BCQEWEGluZm9AZS1zemlnbm8uaHUwggEiMA0GCSqG
SIb3DQEBAQUAA4IBDwAwggEKAoIBAQC0T/4LGUJd2jJH4e+s0fdMK9r4DWRFFCKARQwE+PoeTmNH
isCjsXjz7vjgBlogvoNa4UxycfEKQhXe1MrwC7/l7dRGQjLaATTqznUvkb+jZ2500Nnu3Q0ble96
0l5wHS5q0lJQaIa+3eDsYkwxJUy0cYFZqbVB9Y8FiJTDGnXFi96xz1Hf/JjA8y58tQzlbwAdJR2d
szYR2W0wnJ35V4K/PdsBC8XLKZmv8F04it9t4MIJ3YGrDfeam0l0ThBlwEuoihBXB9rKwrtdZuby
uXvYAG09a94/wYMhd9eflO1B0pWuhDZCY4Fu/+6CHybYT4/fhXXp4Bcl6zbns9I9BTDfAgMBAAGj
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IAAwKDAmBggrBgEFBQcCARYaaHR0cDovL2NwLmUtc3ppZ25vLmh1L3FjcHMwHQYDVR00BBYEFD61
7fKjJSjkAjerFsO1/ZyAv1M4MB8GA1UdIwQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRoMBsGA1Ud
EQQUMBKBEGluZm9AZS1zemlnbm8uaHUwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2NybC5lLXN6
aWduby5odS9yb290Y2EyMDA5LmNybDDBuBggrBgEFBQcBAQRiMGAwKwYIKwYBBQUHMAGGH2h0dHA6
Ly9yb290b2NzcDIwMDkuZS1zemlnbm8uaHUwMQYIKwYBBQUHMAKGJWh0dHA6Ly93d3cuZS1zemln
bm8uaHUvcm9vdGNhMjAwOS5jcnQwDQYJKoZIhvcNAQELBQADggEBAMsiD8NEXtuKGTdw+aZ2fZrc
2PKArjTZyqiaUax+4VFl9G+L2gvNNNQVxf3HZBLiS90lDNGvV+zVpZDWKWvhnzqmYaqiTwCaai0g
JTDtffUvGzW9VmKZaEPUfYvP4s+IrlHkT0hwD9nsg+N2PaDLcHzGZUNvDqLxbaKuUqzFVqVAm1up
uiX4ZifNNkFZ2faARNyUVsEWMTMy3k6JKDMix0Qd/xdE2zfNRzI/i8klUJgcJq/Vr0pw6nZYKn7n
/XFGsGF/Ef2e7kGKeADjjS1yH/3r0Y4wmEZvCaYaOptD6vY3EMiDiFN8VFFe/f+zreR2WyW2W6T+
SGVDfAkacwhekTY=
-----END CERTIFICATE-----
```

Service digital identity:

Version:

3

Serial number:

13 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Advanced Class 2 e-Szigno CA
2009,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA
2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

3E B5 ED F2 A3 25 28 E4 02 37 AB 16 C3 B5 FD 9C 80 BF 53 38

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2009-06-16T14:39:49.000Z   (16 Jun 2009 16:39:49 CEST)

Valid to:

2029-12-29T14:39:49.000Z   (29 Dec 2029 15:39:49 CET)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = no limit

Thumbprint:

<u>SHA-1:</u>

D5:AA:B5:DE:93:05:DD:B0:1C:A9:8E:05:A1:4A:F9:A3:73:0E:EB:B8

<u>SHA-256:</u>

E3:3A:C4:E2:0F:79:D4:B4:44:A4:19:14:82:22:DA:E6:44:5A:74:E0:3A:50:55:D3:28:47:B8:EA:DF:10:42:DC

Public key:

<u>Algorithm, key length:</u>

RSA, 2048

<u>Key value:</u>

3082010A0282010100B44FFE0B19425DDA3247E1EFACD1F74C2BDAF80D6445142280450C04F8FA1E4E63478AC0A3B1
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DD0D1B95EF7AD25E701D2E6A3A524E6886BEDDE0EC624C31254CB4718159A9B541F58F058894C31A75C58BDEB1CF51
DFFC98C0F32E7CB50CE56F001D251D9DB33611D96D309C9DF95782BF3DDB010BC5CB2999AFF05D388ADF6DE0C209DD
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84364263816EFFEE821F26D84F8FDF8575E9E01725EB36E7B3D23D0530DF0203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.21.2.1

cPSuri = http://cp.e-szigno.hu/acps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

```
-----BEGIN CERTIFICATE-----
MIIE9zCCA9+gAwIBAgIBDTANBgkqhkiG9w0BAQsFADCBgjELMAkGA1UEBhMCSFUxETAPBgNVBAcM
CEJlZGFwZXN0MRYwFAYDVQQKDA1NaWNyb3NlYyBMdGQuMScwJQYDVQQDDB5NaWNyb3NlYyBlLVN6
aWdubyBSb290IENBIDIwMDkxHzAdBgkqhkiG9w0BCQEWEGluZm9AZS1zemlnbm8uaHUwHhcNMDkw
NjE2MTQzOTQ5WhcNMjkxMjI5MTQzOTQ5WjCBhTELMAkGA1UEBhMCSFUxETAPBgNVBAcMCEJlZGFw
ZXN0MRYwFAYDVQQKDA1NaWNyb3NlYyBMdGQuMSowKAYDVQQDDCFBZHZhbmNlZCBDBdGFzcyAyIGUt
U3ppZ25vIENBIDIwMDkxHzAdBgkqhkiG9w0BCQEWEGluZm9AZS1zemlgbm8uaHUwggEiMA0GCSqG
SIb3DQEBAQUAA4IBDwAwggEKAoIBAQC0T/4LGUJd2jJH4e+s0fdMK9r4DWRFFCKARQwE+PoeTmNH
isCjsXjz7vjgBlogvoNa4UxycfEKQhXe1MrwC7/17dRGQjLaATTqznUvkb+jZ250ONnu3Q0ble96
0l5wHS5q0lJOaIa+3eDsYkwxJUy0cYFZqbVB9Y8FiJTDGnXFi96xz1Hf/JjA8y58tQzlbwAdJR2d
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uXvYAGO9a94/wYMhd9eflO1B0pWuhDZCY4Fu/+6CHybYT4/fhXXp4Bcl6zbns9I9BTDfAgMBAAGj
ggFxMIIBbTAPBgNVHRMBAf8EBTADAQH/MA4GA1UdDwEB/wQEAwIBBjBFBgNVHSAEPjA8MDoGDisG
AQQBgagYAgEBFQIBMCgwJgYIKwYBBQUHAgEWGmh0dHA6Ly9jcC5lLXN6aWduby5odS9hY3BzMB0G
A1UdDgQWBBQ+te3yoyUo5AI3qxbDtf2cgL9TODAfBgNVHSMEGDAWgBTLD8bfQkPMPcu1SCOhGnqm
Krs0aDAbBgNVHREEFDASgRBpbmZvQGUtc3ppZ25vLmh1MDYGA1UdHwQvMC0wK6ApoCeGJWh0dHA6
Ly9jcmwuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5jcmwwbgYIKwYBBQUHAQEEYjBgMCsGCCsGAQUF
BzABhh9odHRwOi8vcm9vdGd9jc3AyMDA5LmUtc3ppZ25vLmh1MDEGCCsGAQUFBzAChiVodHRwOi8v
d3d3LmUtc3ppZ25vLmh1L3Jvb3RjYTIwMDkuY3J0MA0GCSqGSIb3DQEBCwUAA4IBAQBc3QoHS/wD
lkV6E3ugrY9wvObqAwon/5+/X/4h4+HOqiV9U2CoC1iSONTrbyJhByCEqIw/MErHEuAlxW5AHRcv
giZNcqX8371x05kD3zkxIf8L22q0gPbc8BEgODb1kucB8F9JE/eZJtU3Dr7TPzvW/cowTqWekDoe
DWb9uqwvFy6GV7mz/4OolYZbpmIYq0jccd4qaL+ZBs6LlEFXCcYQdNUaDTyPgdrgV+lTTeq+03BV
gc9mebZ009JqOLZ47PJ+81RHlEQOQ8vIQpYopeYsnONaFLAqSSGZowXucbZzReksm+qiyGEYNmZQ
EKJEJ0SZxiuVg3LPQFTsfjjFk0Pl
-----END CERTIFICATE-----
```

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/recognisedatnationallevel

For trust services listed under a service type specified in clause 5.5.1.2: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved" status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in Regulation (EU) No 910/2014 and the applicable national legislation.

For NationalRootCA-QC type: The service is set by national law in accordance with the applicable European legislation and operated by the responsible national body issuing root-signing or qualified certificates to accredited trust service providers.

For other trust services listed under a service type specified in clause 5.5.1.3: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved"status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in the applicable national legislation.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: http://crl.e-szigno.hu/a2ca2009.crl

2.2.12.1. Advanced Class 2 e-Szigno CA 2009

<div style="text-align: right">

Provider: 2
Service: 12
History: 1/1

</div>

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.

Service name:

English: Advanced Class 2 e-Szigno CA 2009

Hungarian: Advanced Class 2 e-Szigno CA 2009

Service digital identity: *Subject key identifier:*

3E B5 ED F2 A3 25 28 E4 02 37 AB 16 C3 B5 FD 9C 80 BF 53 38

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2009-06-16T14:39:49.000Z   (16 Jun 2009 16:39:49 CEST)

2.2.13. Advanced Pseudonymous e-Szigno CA 2009

<div style="text-align: right">Provider: 2
Service: 13</div>

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.

Service name:

English: Advanced Pseudonymous e-Szigno CA 2009

Hungarian: Advanced Pseudonymous e-Szigno CA 2009

Service digital identity: *Subject key identifier:*

A3 85 31 8E 63 18 86 2D AF D8 17 CD A1 37 C4 9C EB 01 1D F7

Service digital identity: *Version:*

3

Serial number:

26 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Advanced Pseudonymous e-Szigno CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

A3 85 31 8E 63 18 86 2D AF D8 17 CD A1 37 C4 9C EB 01 1D F7

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2009-12-02T16:00:00.000Z   (02 Dec 2009 17:00:00 CET)

Valid to:

2029-12-29T16:00:00.000Z   (29 Dec 2029 17:00:00 CET)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = no limit

Thumbprint:

SHA-1:

D6:4F:82:CA:1C:B1:FD:FB:85:20:E3:20:12:59:51:7D:16:24:8F:AC

SHA-256:

D0:E3:9A:A7:D2:FA:53:58:10:08:A1:5D:82:5C:57:D2:5B:D4:92:47:83:44:31:F8:A2:27:A2:9C:28:0A:1C:0C

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100D073D260FC42603A2C9B7E60E6583660FA4303EA740F9514F763F643D3F8DF9F9824CEB74ADF
3B2684B04F10CA09701C2C3764EA29F5FB4ABB5F288C739A46B2526B6925CD0BF6B0748C84E742D0332DC3C0C18ECB
74ABD9CD346168E9D2A8F04FBB0586FF8823568C6C67710EBB3D448FBA1F1B2AB93D3A70DC87BD15524F7693F8CE4B
DA97043D0A2F091B52A7B165C4C5DB46551757D9BB12AFC5667E527C5979464B26FFC2EB2BF99FC95750DDEE419928
9FAA116BC72D67BC40A9D4AC9944F6A826C4EFF860F5161B207FBB95B32A8BFC04444CCEC875097DE055660E3B6F29
7519386D82644F7A372364C6A6C9B6D3BAD8B4BF97D73778F3F86DCC94D70203010001

Certificate policies:

2.5.29.32.0 (anyPolicy)

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIE8jCCA9qgAwIBAgIBGjANBgkqhkiG9w0BAQsFADCBgjELMAkGA1UEBhMCSFUxETAPBgNVBAcM
CEJ1ZGFwZXN0MRYwFAYDVQQKDA1NaWNyb3NlYyBMdGQuMScwJQYDVQQDDB5NaWNyb3NlYyBlLVN6
aWdubyBSb290IENBIDIwMDkxHzAdBgkqhkiG9w0BCQEWEGluZm9AZS1zemlnbm8uaHUwHhcNMDkx
MjAyMTYwMDAwWhcNMjkxMjI5MTYwMDAwWjCBijELMAkGA1UEBhMCSFUxETAPBgNVBAcMCEJ1ZGFw
ZXN0MRYwFAYDVQQKDA1NaWNyb3NlYyBMdGQuMS8wLQYDVQQDDCZBZHZhbmNlZCBQc2V1ZG9ueW1v
dXMgZS1Temlnbm8gQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWduby5odTCCASIw
DQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBANBz0mD8QmA6LJt+YOZYNmD6QwPqdA+VFPdj9kPT
+N+fmCTOt0rf0yaEsE8QyglwHCw3ZOop9ftKu18ojHOaRrJSa2klzQv2sHSMhOdCODMtw8DBjst0
q9nNNGFo6dKo8E+7BYb/iCNWjGxncQ67PUSPuh8bKrk9OnDch70VUk92k/jOS9qXBD0KLwkbUqex
ZcTF20ZVF1fZuxKvxWZ+UnxZeUZLJv/C6yv5n8lXUN3uQZkon6oRa8ctZ7xAqdSsmUT2qCbE7/hg
9RYbIH+7lbMqi/wEREzOyHUJfeBVZg47byl1GThtgmRPejcjZMamybbTuti0v5fXN3jz+G3MlNcC
AwEAAaOCAWcwggFjMA8GA1UdEwEB/wQFMAMBAf8wDgYDVR0PAQH/BAQDAgEGMDsGA1UdIAQ0MDIw
MAYEVR0gADAoMCYGCCsGAQUFBwIBFhpodHRwOi8vY3AuZS1zemlnbm8uaHUvcWNwczAdBgNVHQ4E
FgQUo4UxjmMYhi2v2BfNoTfEnOsBHfcwHwYDVR0jBBgwFoAUyw/G30JDzD3LtUgjoRp6piq7NGgw
GwYDVR0RBBQwEoEQaW5mb0BlLXN6aWduby5odTA2BgNVHR8ELzAtMCugKaAnhiVodHRwOi8vY3Js
LmUtc3ppZ25vLmh1L3Jvb3RjYTIwMDkuY3JsMG4GCCsGAQUFBwEBBGIwYDArBggrBgEFBQcwAYYf
aHR0cDovL3Jvb3RRvY3NwMjAwOS5lLXN6aWduby5odTAxBggrBgEFBQcwAoYlaHR0cDovL3d3dy5l
LXN6aWduby5odS9yb290Y2EyMDA5LmNyDANBgkqhkiG9w0BAQsFAAOCAQEAQjlh1SGe4j5Iyr9H
rwqqI+tgaerQETPhy1cRaDCeCnPT/RveEgyDVhKAmpwZhKAdl+2fRUk+xSI3QFHibUPVoDl3CUNv
L9LAMeM2SjsGO9oQDVbjFLzXQ0zLwFDwE4SXzLHZWNCHrIOVzXxAxYogVu4uB0tBQ7TpIO6y1JGk
qX0R2coNX0zdPDWFXerjqe1PT021ju0a4lVMFmFX0PNMhr5CfYnSbsRjnM4Ztrk1nMK8VydfXy9C
nJ0WwPhb+hFr0XnuKuWEttwg5+STRlpVRhAxmlPUUPplAlw99wv/QCQMDdhniIaYXil+hpMs7M6B
Lq0N/u/H9ut/xedcjYCDFA==
-----END CERTIFICATE-----

Service digital identity:

Version:

3

Serial number:

15 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Advanced Pseudonymous e-Szigno CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

A3 85 31 8E 63 18 86 2D AF D8 17 CD A1 37 C4 9C EB 01 1D F7

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2009-06-16T14:42:17.000Z   (16 Jun 2009 16:42:17 CEST)

Valid to:

2029-12-29T14:42:17.000Z   (29 Dec 2029 15:42:17 CET)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = no limit

Thumbprint:

SHA-1:

59:B5:C8:B2:6D:D9:69:F9:73:1F:AA:9F:90:6E:48:27:22:97:13:5F

SHA-256:

EC:8D:88:71:A6:FD:4E:F1:87:B5:BA:8B:B1:F8:F8:D6:5E:AA:30:A3:E9:B3:49:26:AA:08:8C:5D:8D:95:E1:27

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100D073D260FC42603A2C9B7E60E6583660FA4303EA740F9514F763F643D3F8DF9F9824CEB74ADF
3B2684B04F10CA09701C2C3764EA29F5FB4ABB5F288C739A46B2526B6925CD0BF6B0748C84E742D0332DC3C0C18ECB
74ABD9CD346168E9D2A8F04FBB0586FF8823568C6C67710EBB3D448FBA1F1B2AB93D3A70DC87BD15524F7693F8CE4B
DA97043D0A2F091B52A7B165C4C5DB46551757D9BB12AFC5667E527C5979464B26FFC2EB2BF99FC95750DDEE419928
9FAA116BC72D67BC40A9D4AC9944F6A826C4EFF860F5161B207FBB95B32A8BFC04444CCEC875097DE055660E3B6F29
7519386D82644F7A372364C6A6C9B6D3BAD8B4BF97D73778F3F86DCC94D70203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.21.2.1

cPSuri = http://cp.e-szigno.hu/acps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

```
-----BEGIN CERTIFICATE-----
MIIE/DCCA+SgAwIBAgIBDzANBgkqhkiG9w0BAQsFADCBgjELMAkGA1UEBhMCSFUxETAPBgNVBAcM
CEJlZGFwZXN0MRYwFAYDVQQKDA1NaWNyb3NlLyBMdGQuMScwJQYDVQQDDB5NaWNyb3N3NlYyBlLVN6
aWdubyBSb290IENBIDIwMDkxHzAdBgkqhkiG9w0BCQEWEGluZm9AZS1zemlnbm8uaHUwHhcNMDkw
NjE2MTQ0MjE3WhcNMjkxMjI5MTQ0MjE3WjCBijELMAkGA1UEBhMCSFUxETAPBgNVBAcMCEJlZGFw
ZXN0MRYwFAYDVQQKDA1NaWNyb3NlYyBMdGQuMS8wLQYDVQQDDCZBZHZhbmNlZCBQc2VliZG9ueWlv
dXMgZS1Temlnbm8gQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWduby5odTCCASIw
DQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBANBz0mD8QmA6LJt+YOZYNmD6QwPqdA+VFPdj9kPT
+N+fmCTOt0rfOyaEsE8QyglwHCw3ZOop9ftKul8ojHOaRrJSa2klzQv2sHSMhOdC0DMtw8DBjst0
q9nNNGFo6dKo8E+7BYb/iCNWjGxncQ67PUSPuh8bKrk9OnDch70VUk92k/j0S9qXBD0KLwkbUqex
ZcTF20ZVFlfZuxKvxWZ+UnxZeUZLJv/C6yv5n8lXUN3uQZkon6oRa8ctZ7xAqdSsmUT2qCbE7/hg
9RYbIH+7lbMqi/wEREzOyHUJfeBVZg47byl1GThtgmRPejcjZMamybbTuti0v5fXN3jz+G3MlNcC
AwEAAaOCAXEwggFtMA8GA1UdEwEB/wQFMAMBAf8wDgYDVR0PAQH/BAQDAgEGMEUGA1UdIAQ+MDww
OgYOKwYBBAGBqBgCAQEVAgEwKDAmBggrBgEFBQcCARYaaHR0cDovL2NwLmUtc3ppZ25vLmh1L2Fj
cHMwHQYDVR00BBYEFKOFMY5jGIYtr9gXzaE3xJzrAR33MB8GA1UdIwQYMBaAFMsPxt9CQ8w9y7VI
I6EaeqYquzRoMBsGA1UdEQQUMBKBEGluZm9AZS1zemlnbm8uaHUwNgYDVR0fBC8wLTAroCmgJ4Yl
aHR0cDovL2NybC5lLXN6aWduby5odS9yb290Y2EyMDA5LmNybDBuBggrBgEFBQcBAQRiMGAwKwYI
KwYBBQUHMAGGH2h0dHA6Ly9yb290b2NzcDIwMDkuZS1zemlnbm8uaHUwMQYIKwYBBQUHMAKGJWh0
dHA6Ly93d3cuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5jcnQwDQYJKoZIhvcNAQELBQADggEBABuR
M3IG7x1fdWL8Q8jXT7K0c1taExsVpgKuqArA+3w2GxmXVtqJK3lFeCYqlFPNwxXT63A4yagctKw2
sseHkMBL6Hm36S0It2aNFk9OSvjhBA6c3cacDixHDN9D20VFza+ilfzzH1m4uwvklOZz6phNoYEY
K+T7sFjAkkHUgkQy9AAg8Y8k7MCuFIWaRU7WH/LQVF0DDFk4g6U8ULkDrC+gIVuHYtf99l2KcTU0
cBur26tK6pkRaUqY2bc3GtBhDQBcIqXaeHOYEZEnOhQNRlZkMpzTD13s/BRXi0VRN4I7HeTNecXH
VVZFmQR7cHXLm7xGPCfM2K7WVgBiNrCeTY0=
-----END CERTIFICATE-----
```

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/recognisedatnationallevel

For trust services listed under a service type specified in clause 5.5.1.2: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved" status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in Regulation (EU) No 910/2014 and the applicable national legislation.

For NationalRootCA-QC type: The service is set by national law in accordance with the applicable European legislation and operated by the responsible national body issuing root-signing or qualified certificates to accredited trust service providers.

For other trust services listed under a service type specified in clause 5.5.1.3: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved"status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in the applicable national legislation.

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points:

http://crl.e-szigno.hu/apca2009.crl

2.2.13.1. Advanced Pseudonymous e-Szigno CA 2009

<div style="text-align: right">

Provider: 2
Service: 13
History: 1/1

</div>

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.

Service name:

English: Advanced Pseudonymous e-Szigno CA 2009

Hungarian: Advanced Pseudonymous e-Szigno CA 2009

Service digital identity: *Subject key identifier:*

A3 85 31 8E 63 18 86 2D AF D8 17 CD A1 37 C4 9C EB 01 1D F7

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2009-06-16T14:42:17.000Z   (16 Jun 2009 16:42:17 CEST)

2.2.14. Microsec e-Szigno Server CA

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.

Service name:

English: Microsec e-Szigno Server CA

Hungarian: Microsec e-Szigno Server CA

Service digital identity: *Subject key identifier:*

35 1E A5 87 3A D8 CA 61 22 7C 07 65 C5 8D 18 98 E1 FE 36 6D

Service digital identity: *Version:*

3

Serial number:

1 132 236 651 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

CN=Microsec e-Szigno Server CA,OU=e-Szigno CA,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

CN=KGYHSZ (Public Administration Root CA - Hungary),C=hu

Subject key identifier:

35 1E A5 87 3A D8 CA 61 22 7C 07 65 C5 8D 18 98 E1 FE 36 6D

Authority key identifier:

C4 1B 6F BF 5A 96 BB F8 3F CC 17 78 BF 0E 6B E4 B7 71 56 57

Valid from:

2007-01-10T09:01:45.000Z   (10 Jan 2007 10:01:45 CET)

Valid to:

2017-01-10T09:31:45.000Z   (10 Jan 2017 10:31:45 CET)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = 0

Thumbprint:

SHA-1:

F7:81:07:60:2D:6D:22:37:59:79:F3:A4:0E:3A:F3:2F:ED:F2:4B:53

SHA-256:

94:00:F4:F9:36:FA:7A:AE:2D:71:FB:C6:96:FC:77:1B:69:AA:72:76:7D:43:1B:ED:AD:C5:60:23:8D:78:43:60

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100D09911D16A55A380E334CDDC454965A86A945A3AF66F25A869E8DAE5AFCF2572CAFAA8561D52
5AEF32AE99D590520895E61ED835C000FE40775CFBB2C18DF209DA31DA1FBBA024AD56ADDAA835A988B219CA64B427
B39EC814EE2EEE85B2FFC7564466701602105C21CFDC68F0CD2D404435AC17111E30835972C8279363214D4EA26F38
96C782378109760FF821EFDC96A11CF950B9475511591F29A40BA797E342173CC66281763778 45D572C6B573814414
2EA0802E8DACF8C7295FB049C9E8E7482957B57F3F757939CF8530596D9E2BD226EC89A79787F21B89FD7945537D62
7FC92C380560769A53E39245266E93D198921A81871C703242480BDBB0B30203010001

Certificate policies:

0.2.216.1.100.42.1.200.2

cPSuri = http://cp.kgyhsz.gov.hu

userNotice = A hitelesítés-szolgáltató egyaránt jogosult közigazgatási
felhasználásra szolgáló, hivatali aláíráshoz és ügyfél által használt aláíráshoz
kapcsolódó tanúsítványok kibocsátására. Minden felelősség kizárva a hitelesítési
rendben foglaltak szerint.

CRL distribution points:

http://crl.kgyhsz.gov.hu/KGYHSZ_CA_20060719.crl

PEM format:

```
-----BEGIN CERTIFICATE-----
MIIGMjCCBRqgAwIBAgIEQ3yPazANBgkqhkiG9w0BAQUFADBIMQswCQYDVQQGEwJodTE5MDcGA1UE
AwwwS0dZSFNaIChQdWJsaWMgQWRtaW5pc3RyYXRpb24gUm9vdCBDQSAtIEhlbmdhcnkpMB4XDTA3
MDExMDA5MDE0NVoXDTE3MDExMDA5MzE0NVowdDELMAkGA1UEBhMCSFUxETAPBgNVBAcTCEJlZGFw
ZXN0MRYwFAYDVQQKEw1NaWNyb3NvYnYBMdGQuMRQwEgYDVQQLEwtlLVN6aWdubyBDQTEkMCIGA1UE
AxMbTWljcm9zZWMgZS1Temlnbm8gU2VydmVyIENBMIIBIjANBgkqhkiG9w0BAQEFAAOCAQ8AMIIB
CgKCAQEA0JkR0WpVo4DjNM3cRUllqGqUWjr2byWoaeja5a/PJXLK+qhWHVJa7zKumdWQUgiV5h7Y
NcAA/kB3XPuywY3yCdox2h+7oCStVq3aqDWpiLIZymS0J7OeyBTuLu6Fsv/HVkRmcBYCEFwhz9xo
8M0tQEQ1rBcRHjCDWXLIJ5NjIU1Oom84lseCN4EJdg/4Ie/clqEc+VC5R1URWR8ppAunl+NCFzzG
YoF2N3hFlXLGtXOBRBQuoIAujaz4xylfsEnJ6OdIKVelfz91eTnPhTBZbZ4r0ibsiaeXh/Ibif15
RVN9Yn/JLDgFYHaaU+OSRSZuk9GYkhqBhxxwMkJIC9uwswIDAQABo4IC9jCCAvIwDgYDVR0PAQH/
BAQDAgEGMBIGA1UdEwEB/wQIMAYBAf8CAQAwggJIBgNVHSAEggI/MIICOzCCAjcGCgKBWAFkKgGB
SAIwggInMCMGCCsGAQUFBwIBFhdodHRwOi8vY3Aua2d5aHN6Lmdvdi5odTCCAf4GCCsGAQUFBwIC
MIIB8B6CAewAQQAgAGgAaQB0AGUAbABlAHMA7QB0AOkAcwAtAHMAegBvAGwAZwDhAGwAdABhAHQA
8wAgAGUAZwB5AGEAcgDhAG4AdAAgAGoAbwBnAG8AcwB1AGwAdAAgAGsAzGB6AGkAZwBhAHoAZwBh
AHQA4QBzAGkAIABmAGUAbABoAGEAcwBGA4A4QBsAOEAcwByAGEAIABzAHoAbwBsAGcA4QBsAPMA
LAAgAGgAaQB2AGEAdABhAGwAaQAgAGEAbABhAHoA0AcgDhAHMAaABvAHoAIADpAHMAIAD8AGcAeQBm
AOkAbAAgAOEAbAB0AGEAbAAgAGgAYQBzAHoAbgDhAGwAdAAgAGEAbABhAHoA0AcgDhAHMAaABvAHoA
IABrAGEAcABjAHMAbwBsAPMAZADzACAAdABhAG4A+gBzAO0AdAB2AOEAbgB5AG8AawAgAGsAaQBi
AGBAYwBzAOEAdADhAHMA4QByAGEALgAgAE0AaQBuAGQAZQBuACAAZgBlAGwAZQBsAVEAcwBzAOkA
ZwAgAGsAaQB6AOEAcgB2AGEAIABhACAAaABpAHQAZQBsAGUAcwDtAHQA6QBzAGkAIAByAGUAbgBk
AGIAZQBuACAAZgBvAGcAbABhAGwAdABhAGsAIABzAHoAZQByAGkAbgB0AC4wQAYDVR0fBDkwNzA1
oDOgMYYvaHR0cDovL2NybC5rZ3loc3ouZ292Lmh1L0tHWUhTWl9DQV8yMDA2MDcxOS5jcmwwHQYD
VR0OBBYEFDUepYc62MphInwHZcWNGJjh/jZtMB8GA1UdIwQYMBaAFMQbb79alrv4P8wXeL8Oa+S3
cVZXMA0GCSqGSIb3DQEBBQUAA4IBAQCNc/J08pk0iSpSV1LuVub0/ibmXZbHsQ9rZWTa/DDt26gD
nLEHdl/dy0aNYLH7n+F6RUOGEZzxBcAW7l7bzpZXX3g3xTPKzqtNLDyCPGezXltD6hLpCmo5IKbz
ZOk+qMqLLpPUVMgUBDgKF4x6qlWIhAPU2+baMcAwQry9Ffg3D1SYxLnf8fdtiEmY/bfXjChIVfMx
1rsgCs52o3E0rZZOE888aBb+xX3XmCOGjhDxvJX5epSIX9jUvGgBHwdmnj2YPMdsMKJ68QT21xhj
+RTCo1fy3nZFYnHA4ssRro+HOI8lXFgOPjht7W4rSMONWivC8aLWL0sOOpOFHX1eb6EJ
-----END CERTIFICATE-----
```

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/recognisedatnationallevel

For trust services listed under a service type specified in clause 5.5.1.2: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved" status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in Regulation (EU) No 910/2014 and the applicable national legislation.

For NationalRootCA-QC type: The service is set by national law in accordance with the applicable European legislation and operated by the responsible national body issuing root-signing or qualified certificates to accredited trust service providers.

For other trust services listed under a service type specified in clause 5.5.1.3: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved"status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in the applicable national legislation.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: http://www.e-szigno.hu/SCA-Crl

2.2.14.1. Microsec e-Szigno Server CA

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.

Service name:

English: Microsec e-Szigno Server CA

Hungarian: Microsec e-Szigno Server CA

Service digital identity: *Subject key identifier:*

35 1E A5 87 3A D8 CA 61 22 7C 07 65 C5 8D 18 98 E1 FE 36 6D

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2007-01-10T09:01:45.000Z   (10 Jan 2007 10:01:45 CET)

2.2.15. e-Szigno SSL CA 2014

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

> *A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.*

Service name:

English: e-Szigno SSL CA 2014

Hungarian: e-Szigno SSL CA 2014

Service digital identity: *Subject key identifier:*

DE 6A B0 4E 43 AA 08 41 47 74 BF A5 8A 81 54 4C 20 C5 75 28

Service digital identity: *Version:*

3

Serial number:

25 799 471 706 756 366 967 625 188 106 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=e-Szigno SSL CA 2014,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

DE 6A B0 4E 43 AA 08 41 47 74 BF A5 8A 81 54 4C 20 C5 75 28

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2014-07-08T14:35:21.000Z   (08 Jul 2014 16:35:21 CEST)

Valid to:

2029-12-29T14:35:21.000Z   (29 Dec 2029 15:35:21 CET)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = no limit

Thumbprint:

SHA-1:

A0:86:3E:7F:47:09:1F:AF:A2:29:84:8C:62:2F:56:02:BB:13:6C:38

SHA-256:

EA:C2:41:C0:44:0A:36:83:01:11:38:33:36:BC:20:CA:C7:40:9C:20:F6:E8:8D:4F:84:F4:82:7B:E9:19:E3:38

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100BFCF5286535DA9651E62975B64CC2F05F62B4417F039BB71509F32DD3EABAB668E28ED84CE29
D915FDBCD19C67F9C6985EE8B647844343649EFC2E44B150DB3B8CB327323A75503A16D1C4448399ECB560D7EE1792
303E7D1C1AE6D56F2C1CCBE67F0721FB0C06692521CE095F7F65B37730800EA681624553826DD7A04A466A804C600A
324E755BB36417E3401F19BCDC4140D1C66E33713539A2F7CCE9CDE86D0902A78FACD4AE67B264F33BF3271F5B7E78
4FB49ADE7C68CC2BA937B7BE369B9E9A600E630DDA75C3104AE36FD1EB0FFA6FF587AA5E658FCCA4DF274BDE122FF1
9DDA1E4A440E5C44C3074BBCBD096EFDB99380152CDEC9335A9D97D2F2DB0203010001

Certificate policies:

2.5.29.32.0 (anyPolicy)

cPSuri = http://cp.e-szigno.hu/acps

CRL distribution points:

http://rootca2009-crl1.e-szigno.hu/rootca2009.crl

http://rootca2009-crl2.e-szigno.hu/rootca2009.crl

http://rootca2009-crl3.e-szigno.hu/rootca2009.crl

PEM format:

```
-----BEGIN CERTIFICATE-----
MIIGXjCCBUagAwIBAgIMU1zSo6wT2dxKS4MKMA0GCSqGSIb3DQEBCwUAMIGCMQswCQYDVQQGEwJI
VTERMA8GA1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1p
Y3Jvc2VjIGUtU3ppZ25vIEFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdu
by5odTAeFw0xNDA3MDgxNDM1MjFaFw0y0TEyMjkxNDM1MjFaMHgxCzAJBgNVBAYTAkhVMREwDwYD
VQQHDAhCdWRhcGVzdDEWMBQGA1UECgwNTWljcm9zZWMgTHRkLjEdMBsGA1UEAwwUZS1Temlnbm8g
U1NMIENBIDIwMTQxHzAdBgkqhkiG9w0BCQEWEGluZm9AZS1zemlnbm8uaHUwggEiMA0GCSqGSIb3
DQEBAQUAA4IBDwAwggEKAoIBAQC/z1KGU12pZR5il1tkzC8F9itEF/A5u3FQnzLdPqurZo4o7YTO
KdkV/bzRnGf5xphe6LZHhENDZJ78LkSxUNs7jLMnMjplUDoW0cREg5nstWDX7heSMD59HBrmlW8s
HMvmfwch+wwGaSUhzglff2WzdzCADqaBYkVTgm3XoEpGaoBMYAoyTnVbs2QX40AfGbzcQUDRxm4z
cTU5ovfM6c3obQkCp4+s1K5nsmTzO/MnH1t+eE+0mt58aMwrqTe3vjabnppgDmMN2nXDEErjb9Hr
D/pv9YeqXmWPzKTfJ0veEi/xndoeSkQOXETDB0u8vQlu/bmTgBUs3skzWp2X0vLbAgMBAAGjggLb
MIIC1zAPBgNVHRMBAf8EBTADAQH/MA4GA1UdDwEB/wQEAwIBBjA7BgNVHSAENDAyMDAGBFUdIAAw
KDAmBggrBgEFBQcCARYaaHR0cDovL2NwLmUtc3ppZ25vLmh1L2FjcHMwHQYDVR0OBBYEFN5qsE5D
qghBR3S/pYqBVEwgxXUoMB8GA1UdIwQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRoMBsGA1UdEQQU
MBKBEGluZm9AZS1zemlnbm8uaHUwgbYGA1UdHwSBrjCBqzA3oDWgM4YxaHR0cDovL3Jvb3RjYTIw
MDktY3JsMS5lLXN6aWduby5odS9yb290Y2EyMDA5LmNybDA3oDWgM4YxaHR0cDovL3Jvb3RjYTIw
MDktY3JsMi5lLXN6aWduby5odS9yb290Y2EyMDA5LmNybDA3oDWgM4YxaHR0cDovL3Jvb3RjYTIw
MDktY3JsMy5lLXN6aWduby5odS9yb290Y2EyMDA5LmNybDCCAV8GCCsGAQUFBwEBBIIBUTCCAU0w
LwYIKwYBBQUHMAGGI2h0dHA6Ly9yb290Y2EyMDA5LW9jc3AxLmUtc3ppZ25vLmh1MC8GCCsGAQUF
BzABhiNodHRwOi8vcm9vdGNhMjAwOS1vY3NwMi5lLXN6aWduby5odTAvBggrBgEFBQcwAYYjaHR0
cDovL3Jvb3RjYTIwMDktb2NzcDMuZS1zemlnbm8uaHUwPAYIKwYBBQUHMAKGMGh0dHA6Ly9yb290
Y2EyMDA5LWNhMS5lLXN6aWduby5odS9yb290Y2EyMDA5LmNydDA8BggrBgEFBQcwAoYwaHR0cDov
L3Jvb3RjYTIwMDktY2EyLmUtc3ppZ25vLmh1L3Jvb3RjYTIwMDkuY3J0MDwGCCsGAQUFBzAChjBo
dHRwOi8vcm9vdGNhMjAwOS1jYTMuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5jcnQwDQYJKoZIhvcN
AQELBQADggEBALEgpxbV/mGh1vWAO8dxONwv+aP7Nb5dXTP0YjtrIE6a5zV+IpXK+inu+OJftAHV
0an32ovpzpta2EvR5ci/C7o9h8eyforkTxMDndPwZ97ey/5qaz48t7wdz6w6YXCs5LpMzU4BmG+u
bTdGNZQvw6cwlxRl3p2KZTZbyJj7t3fM5JcrKVwn8844bfFTKSQni90xzxiO8bz5LjFoDMiivCKK
MZXHpZMEi4QsyEKT6sqT+RXp8dsRrdJ/klSu8kUQu4xyWTTTMVs9cCG7ZxzRVyNLg3Rc7vMcYCe5
KOiP+Hly0pR9FRSGqMS7Rwa0A4J5nMlGKogQ5R/pp7l5cMbKmpQ=
-----END CERTIFICATE-----
```

Service status:	http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/recognisedatnationallevel

For trust services listed under a service type specified in clause 5.5.1.2: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved" status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in Regulation (EU) No 910/2014 and the applicable national legislation.

For NationalRootCA-QC type: The service is set by national law in accordance with the applicable European legislation and operated by the responsible national body issuing root-signing or qualified certificates to accredited trust service providers.

For other trust services listed under a service type specified in clause 5.5.1.3: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved"status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in the applicable national legislation.

Status starting time:	2016-06-30T22:00:00.000Z (01 Jul 2016 00:00:00 CEST)
Service supply points:	http://sslca2014-crl1.e-szigno.hu/sslca2014.crl
	http://sslca2014-crl2.e-szigno.hu/sslca2014.crl
	http://sslca2014-crl3.e-szigno.hu/sslca2014.crl

2.2.15.1. e-Szigno SSL CA 2014

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

> *A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.*

Service name: *English:* e-Szigno SSL CA 2014

           Hungarian: e-Szigno SSL CA 2014

Service digital identity: *Subject key identifier:*

DE 6A B0 4E 43 AA 08 41 47 74 BF A5 8A 81 54 4C 20 C5 75 28

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2014-07-08T14:35:21.000Z   (08 Jul 2014 16:35:21 CEST)

2.2.16. Advanced eIDAS Class2 e-Szigno CA 2016

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.

Service name:

English: Advanced eIDAS Class2 e-Szigno CA 2016

Hungarian: Advanced eIDAS Class2 e-Szigno CA 2016

Service digital identity: *Subject key identifier:*

6E 67 2D 51 E2 D9 BE 31 0F E4 AF DB FC 95 8C 00 65 AE 0D C1

Service digital identity: *Version:*

3

Serial number:

43 067 429 172 258 771 592 179 384 074 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

CN=Advanced eIDAS Class2 e-Szigno CA 2016,2.5.4.97=VATHU-23584497-2-41,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

6E 67 2D 51 E2 D9 BE 31 0F E4 AF DB FC 95 8C 00 65 AE 0D C1

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2016-06-22T10:00:00.000Z   (22 Jun 2016 12:00:00 CEST)

Valid to:

2029-12-29T20:00:00.000Z   (29 Dec 2029 21:00:00 CET)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = no limit

Thumbprint:

SHA-1:

FF:E1:77:DD:D4:8B:29:17:96:CC:90:EE:BB:48:AD:32:08:09:3A:07

SHA-256:

A2:9C:10:4B:10:0C:3A:79:33:47:3E:62:E4:BE:63:71:D6:53:A1:60:4D:04:ED:AA:D0:2C:95:80:60:65:CE:E3

Public key:

Algorithm, key length:

RSA, 4096

Key value:

3082020A028202010086573CD39F99861AB6D08B0AEE8B010D384EFC1EA7ABF85ACA00502ED5C628936ABB66F6A043
2FB2F980962FD43E5D8DCFF9CDED448FECFE763A26D260811180251C05CC33099D787A5259D70968666FFF72D3B29D
0EB767E74F1AC9F462937E4D3803A5FFA392BEC0705F25AF9829D382990E995EE7BF52EAC477FFE905A9C53E05882B
DF60AB34745A18813BA474D7885F9E8A1BF33776BDF03A74C5B7319ECA2CC721C0E418D9F4868606972F9CAB598040
AF7B375965EF405EF9BD8F281F862656DAFFD76196CAB6E5D5D143F17EBCCA34CA0FD23ACF7FA2F3CC72B874E62D09
63D31C8AA7744B8E75C21CD940071E0BDE189F0A88967830A1CC305B8419FCDFF187BB8A795E59CDB274FDE3C766BD
7C13FE6360955FDE3B0F797254D28E7F06B9CDBEB2635F0362C4B320681F6E5AEF93EEED7A90070D09FD72623988DD
473A3C837B742CFADDC7C22220582823B01F49E64DAF3460AB69BE04FB760AFB05C09640920A045D23247B7D5A9B51
28F8443F7113DDDDA3065FD294F3F49CB1E8211486E833B3846279DEFE4D76A18DEB04D9DC13676564AC03CEFB79A6
F93E9160F81756D7E40382234608917F5F1CE02A734D3CF13B841BFCEA43EFE43B2B02AC746B8B33E19EF5B0DE3250A
AAA31A00DD91E6BB9EFBF54ED0CA96D4F2804659392158432FAC17498A44842C1E1D6BCD5744A85DB17DB9BA864008
04159A3F0203010001

Certificate policies:

2.5.29.32.0 (anyPolicy)

cPSuri = http://cp.e-szigno.hu/acps

CRL distribution points:

http://rootca2009-crl1.e-szigno.hu/rootca2009.crl

http://rootca2009-crl2.e-szigno.hu/rootca2009.crl

http://rootca2009-crl3.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIHUjCCBjqgAwIBAgINAIsoit2Yr3kbAiB/CjANBgkqhkiG9w0BAQsFADCBgjELMAkGA1UEBhMC
SFUxETAPBgNVBAcMCEJ1ZGFwZXN0MRYwFAYDVQQKDA1NaWNyb3NlYyBMdGQuMScwJQYDVQQDDB5N
aWNyb3NlYyBlLLVN6aWdubyBSb290IENBIDIwMDkxHzAdBgkqhkiG9w0BCQEWEGluZm9AZS1zemln
bm8uaHUwHhcNMTYwNjIyMTAwMDAwWhcNMjkxMjI5MjAwMDAwWjCBhzELMAkGA1UEBhMCSFUxETAP
BgNVBAcMCEJ1ZGFwZXN0MRYwFAYDVQQKDA1NaWNyb3NlYyBMdGQuMRwwGgYDVQRhDBNWQVRIVS0y
MzU4NDQ5Ny0yLTQxMS8wLQYDVQQDDCZBZHZhbmNlZCBlSURBUyBDBGFzczIgZS1Temlnbm88gQ0Eg
MjAxNjCCAiIwDQYJKoZIhvcNAQEBBQADggIPADCCAgoCggIBAIZXPNOfmYYattCLCu6LAQ04Tvwe
p6v4WsoAUC7VxiiTartm9qBDL7L5gJYvlD5djc/5ze1Ej+z+djom0mCBEYAlHAXMMwmdeHpSWdcJ
aGZv/3LTsp00t2fnTxrJ9GKTfk04A6X/o5K+wHBfJa+YKd0CmQ6ZXue/UurEd//pBanFPgWIK99g
qzR0WhiBO6R014hfnoob8zd2vfA6dMW3MZ7KLMchwOQY2fSGhgaXL5yrWYBAr3s3WWXvQF75vY8o
H4YmVtr/12GWyrbl1dFD8X68yjTKD9I6z3+i88xyuHTmLQlj0xyKp3RLjnXCHNlABx4L3hifCoiW
eDChzDBbhBn83/GHu4p5XlnNsnT948dmvXwT/mNglV/eOw95clTSjn8Guc2+smNfA2LEsyBoH25a
75Pu7XqQBwOJ/XJiOYjdRzo8g3t0LPrdx8IiIFgoI7AfSeZNrzRgq2m+BPt2CvsFwJZAkgoEXSMk
e31am1Eo+EQ/cRPd3aMGX9KU8/ScseghFIboM70EYnne/k12oY3rBNncE2dlZKwDzvt5pvk+kWD4
F1bX5AOCNGCJF/XxzgKnNNPPE7hBv86kPv5DsrAqx0a4sz4Z71sN4yUKqqMaAN2R5rue+/VO0MqW
1PKARlk5IVhDL6wXSYpEhCweHWvNV0SoXbF9ubqGQAgEFZo/AgMBAAGjggK+MIICujAPBgNVHRMB
Af8EBTADAQH/MA4GA1UdDwEB/wQEAwIBBjA7BgNVHSAENDAyMDAgBFUdIAAwKDAmBggrBgEFBQcC
ARYaaHR0cDovL2NwLmUtc3ppZ25vLmh1L2FjcHMwHQYDVR0OBBYEFG5nLVHi2b4xD+5v2/yVjABl
rg3BMB8GA1UdIwQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRoMIG2BgNVHR8Ega4wgaswN6AloDOG
MWh0dHA6Ly9yb290Y2EyMDA5LWNybDEuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5jcmwwN6AloDOG
MWh0dHA6Ly9yb290Y2EyMDA5LWNybDIuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5jcmwwN6AloDOG
MWh0dHA6Ly9yb290Y2EyMDA5LWNybDMuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5jcmwwggFfBggr
BgEFBQcBAQSCAVEwggFNMC8GCCsGAQUFBzABhiNodHRwOi8vcm9vdGNhMjAwOS1vY3NwMS5lLXN6
aWduby5odTAvBggrBgEFBQcwAYYjaHR0cDovL3Jvb3Rj YTIwMDktb2NzcDIuZS1zemlnbm8uaHUw
LwYIKwYBBQUHMAGGI2h0dHA6Ly9yb290Y2EyMDA5LW9jc3AzLmUtc3ppZ25vLmh1MDwGCCsGAQUF
BzAChjBodHRwOi8vcm9vdGNhMjAwOS1jYTEuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5jcnQwPAYI
KwYBBQUHMAKGMGh0dHA6Ly9yb290Y2EyMDA5LWNhMi5lLXN6aWduby5odS9yb290Y2EyMDA5LmNy
dDA8BggrBgEFBQcwAoYwaHR0cDovL3Jvb3RjYTIwMDktY2EzLmUtc3ppZ25vLmh1L3Jvb3RjYTIw
MDkuY3J0MA0GCSqGSIb3DQEBCwUAA4IBAQCcSRwLtW2Jlqfdg0T4ex1xkOFAh8AHy6JkpAHD9bZj
xuXurZRbdLk9A/1PRTkHL8ycQI5WCZPKVLjdeO8I/uiu77Q2c3cDaFw4gDPfToKm+4up0csyJK+7
i4Gsskpcegnqf1fdtAeL4SZN3F/ITYN3qd2au6kzodvFKCpmRFS6tlbLVWQgl/falx01USSXJj0TY
z5m0QtQ9tQJbUGNeuRZrRL/W3ui26WvbTWAtRMn3qNxO7X+EryIOB2kwerg8/070p0233/YUhdT8
kQR0wkimOAj+UKKFmiKvcx35Qy+9l5UeNIY8zBUFLEGC8SqsF3COCNWR38fJJxFojeIMdvoN
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/recognisedatnationallevel

For trust services listed under a service type specified in clause 5.5.1.2: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved" status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in Regulation (EU) No 910/2014 and the applicable national legislation.

For NationalRootCA-QC type: The service is set by national law in accordance with the applicable European legislation and operated by the responsible national body issuing root-signing or qualified certificates to accredited trust service providers.

For other trust services listed under a service type specified in clause 5.5.1.3: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved"status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in the applicable national legislation.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: http://crl.e-szigno.hu/a2ca2016.crl

2.2.16.1. Advanced eIDAS Class2 e-Szigno CA 2016

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.

Service name:

English: Advanced eIDAS Class2 e-Szigno CA 2016

Hungarian: Advanced eIDAS Class2 e-Szigno CA 2016

Service digital identity: *Subject key identifier:*

6E 67 2D 51 E2 D9 BE 31 0F E4 AF DB FC 95 8C 00 65 AE 0D C1

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2016-06-22T10:00:00.000Z   (22 Jun 2016 12:00:00 CEST)

2.2.17. Qualified e-Szigno QCP CA 2012

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.

Service name:

English: Qualified e-Szigno QCP CA 2012

Hungarian: Qualified e-Szigno QCP CA 2012

Service digital identity: *Subject key identifier:*

CC 3D 46 E8 65 00 BB EA C3 BD CF B7 88 E1 95 FF 53 79 A3 B4

Service digital identity: *Version:*

3

Serial number:

14 521 181 079 746 129 702 095 270 154 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno QCP CA 2012,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

CC 3D 46 E8 65 00 BB EA C3 BD CF B7 88 E1 95 FF 53 79 A3 B4

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2012-03-30T12:00:00.000Z   (30 Mar 2012 14:00:00 CEST)

Valid to:

2029-12-29T12:00:00.000Z   (29 Dec 2029 13:00:00 CET)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = no limit

Thumbprint:

SHA-1:

7B:DE:2A:85:2F:3F:50:1A:DD:97:F8:4C:4B:93:1B:65:5F:7B:CC:49

SHA-256:

CF:CB:60:C1:F0:18:0C:68:E3:EA:5D:24:B4:A0:5E:9D:99:00:D8:7C:3D:83:D5:03:CE:16:90:B3:C1:65:64:58

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100D759696468C3DA68FA3D2603AE7C99A01BE8B694F1562F8D7380C64A61D3304D7A10D698C8ED
2AE7EA6142C1F0D059D1CC2B016DD3FC89B3B9D608B2778FE7157831AD1FAD471D9899FC7A5E03160BBDFFC48DDF45
8AA57BC5247D6D62F6ACFE132D5EF73AECFFDCE9E85EDEEF14868B76BFBA93DE2B06A1E997B92DC8F04FD9DEE10ABE
F73CD3390B1DC3A30A133C827749D4CDDAE31F1DD076E310DF07071CACF0D80ECC57F50C658694C6603B876EBA81F0
15E2C1CFDE96B617A95595EA266D21CDADFC15862528B3CD4F0AD72BC358A6B49F6301A0C493A4A32510F4422059ED
0EF380DA7EB4C2A39E01E6963F1D6E391EB7635A0AC8F21EACF4C772B6AB0203010001

Certificate policies:

2.5.29.32.0 (anyPolicy)

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIE9TCCA92gAwIBAgIMLuujs6+RGksxvbEKMA0GCSqGSIb3DQEBCwUAMIGCMQswCQYDVQQGEwJI
VTERMA8GA1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1p
Y3Jvc2VjIGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdu
by5odTAeFw0xMjAzMzAxMjAwMDBaFw0yOTEyMjkxMjAwMDBaMIGCMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1lYWxpZmll
ZCBlLLVN6aWdubyBRQ1AgQ0EgMjAxMjEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdubby5odTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBANdZaWRow9po+j0mA658maAb6LaU8VYvjXOA
xkph0zBNehDWmMjtKufqYULB8NBZ0cwrAW3T/ImzudYIsnePSxV4Ma0frUcdmJn8el4DFgu9/8SN
30WKpXvFJHltYvas/hMtXvc67P/c6ehe3u8Uhot2v7qT3isGoemXuS3I8E/Z3uEKvvc80zkLHc0j
ChM8gndJ1M3a4x8d0HbjEN8HBxys8Ng0zFf1DGWGlMZg04duuoHwFeLBz96WthepVZXqJm0hza38
FYYlKLPNTwrXK8NYprS5fYwGgxJ0koyUQ9EIgWe0084DafrTCo54B5pY/HW45HrdjWgrI8h6s9Mdy
tqsCAwEAAaOCAWcwggFjMA8GA1UdEwEB/wQFMAMBAf8wDgYDVR0PAQH/BAQDAgEGMDsGA1UdIAQ0
MDIwMAYEVR0gADAoMCYGCCsGAQUFBwIBFhpodHRwOi8vY3AuZS1zemlnbm8uaHUvcWNwczAdBgNV
HQ4EFgQUzD1G6GUAu+rDvc+3iOGV/1N5o7QwHwYDVR0jBBgwFoAUyw/G30JDzD3LtUgjoRp6piq7
NGgwGwYDVR0RBBQwEoEQaW5mb0BlLXN6aWduby5odTA2BgNVHR8ELzAtMCugKaAnhiVodHRwOi8v
Y3JsLmUtc3ppZ25vLmh1L3Jvb3RjYTIwMDkuY3JsMG4GCCsGAQUFBwEBBGIwYDArBggrBgEFBQcw
AYYfaHR0cDovL3Jvb3RvY3NwMjAwOS5lLLXN6aWduby5odTAxBggrBgEFBQcwAoYlaHR0cDovL3d3
dy5lLLXN6aWduby5odS9yb290Y2EyMDA5LmNydDANBgkqhkiG9w0BAQsFAAOCAQEAgaJ7B9CTqKP0
UwqUYz0ALi29Xu4n0ls5qhu2/bvmb90/7WLwNLxAPQLkINtaB4HCdhv1WVavZnJznhNaajseJtZ6
J4x3GInhBBxspyAQmUdC2nLu0NGMuIS5KbyXo7CdiLyiY+plt1seqVfMlDs9WtXEqg5kvu2DCbwE
Q9v0vr5a5SCgqHikQ/uEMyUSAKCYzsd7F8nMaay4r6O5D6Tnzql8i4Hb5jfy3JVYMfzPJxc5ZQrQ
4M5t/fb6IJLWhLESze3o47Vag3Wj0PXQe97kGOLTQh86hjGbSqj8C0/2isTORVL/vQWXGAGEbZck
kjtKwJpSurhpozWCucCQwK7FFg==
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/recognisedatnationallevel

For trust services listed under a service type specified in clause 5.5.1.2: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved" status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in Regulation (EU) No 910/2014 and the applicable national legislation.

For NationalRootCA-QC type: The service is set by national law in accordance with the applicable European legislation and operated by the responsible national body issuing root-signing or qualified certificates to accredited trust service providers.

For other trust services listed under a service type specified in clause 5.5.1.3: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved"status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in the applicable national legislation.

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points:

http://www.e-szigno.hu/qcpca2012.crl

Service information extensions:	Extension 1/1, non-critical: <tsl:AdditionalServiceInformation xmlns:tsl="http://uri.etsi.org/02231/v2#"> <tsl:URI xml:lang="en">http://www.nmhh.hu/tl/ServiceStatus/QualifiedatNationalLevel</tsl:URI> </tsl:AdditionalServiceInformation>

2.2.18. Signature Class 3 KET e-Szigno CA 2009

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

> *A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.*

Service name:

English: Signature Class 3 KET e-Szigno CA 2009

Hungarian: Signature Class 3 KET e-Szigno CA 2009

Service digital identity:

Subject key identifier:

2D ED C0 A0 B2 28 3D 3A 63 10 07 B2 C8 3B 7F 5E 7A C6 0D 85

Service digital identity:

Version:

3

Serial number:

1 132 237 990 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Signature Class 3 KET e-Szigno CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

CN=KGYHSZ (Public Administration Root CA - Hungary),C=hu

Subject key identifier:

2D ED C0 A0 B2 28 3D 3A 63 10 07 B2 C8 3B 7F 5E 7A C6 0D 85

Authority key identifier:

FC 9C E6 C6 B0 0A EA 1F D7 FA 7E 2E 20 05 68 5C 07 4A C2 E2

Valid from:

2010-12-17T10:07:47.000Z   (17 Dec 2010 11:07:47 CET)

Valid to:

2020-12-17T10:37:47.000Z   (17 Dec 2020 11:37:47 CET)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = 0

Thumbprint:

SHA-1:

B9:50:3D:74:C1:80:77:8C:75:F9:20:AA:EB:AE:34:CD:7B:10:0D:9A

SHA-256:

5F:6A:33:2E:F7:66:7D:00:C7:B8:12:F2:4E:2C:30:F8:ED:40:2B:28:C1:55:00:39:4E:D3:B9:B9:9A:1E:2E:38

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A02820101008F5FE058B641C0DA4174859114DF025C76A323764B5632EDE3055AA1E48D0C1938F68ADA7BA8
159F3D8DC501B668BC2497A7750F04FF44DECF0510588D3AB7EC5E508B74168A227A2AAC8F6F31D33EB2B113AC8D71
4A6A252CFAF1F8DEA5A0873A4013DA04EC725B4824BEBB62C524DF7FAD51FD900C904034B962E4C75795533DD7C6B7
1A673372073E00625B86FEA159DF8C7DE0798499A19C5E28C974730BD0B85878A1D902F30D53099C22FABED723D228
D99B45400D09CF9D2C1219B4FB51E0101AFCE5FC0EA249E14A1C87671F8175CD6CD1629FD530AC70D3C79440A06A14
AAD82BBF31B6CF88359A351DFD120D6C74CDD47D1E04E6E56596143CAA3D0203010001

Certificate policies:

0.2.216.1.100.42.1.200.2

cPSuri = http://cp.kgyhsz.gov.hu

userNotice = A hitelesítés-szolgáltató egyaránt jogosult közigazgatási
felhasználásra szolgáló, hivatali aláíráshoz és ügyfél által használt aláíráshoz
kapcsolódó tanúsítványok kibocsátására. Minden felelősség kizárva a hitelesítési
rendben foglaltak szerint.

CRL distribution points:

http://crl.kgyhsz.gov.hu/KGYHSZ_CA_20091210.crl

PEM format:

```
-----BEGIN CERTIFICATE-----
MIIGSTCCBTGgAwIBAgIEQ3yUpjANBgkqhkiG9w0BAQsFADBIMQswCQYDVQQGEwJodTE5MDcGA1UE
AwwwS0dZSFNaIChQdWJsaWMgQWRtaW5pc3RyYXRpb24gUm9vdCBDQSAtIEhlbmdhdGVwMB4XDTEw
MTIxNzEwMDc0N1oXDTIwMTIxNzEwMzc0N1owgYoxCzAJBgNVBAYTAkhVMREwDwYDVQQHDAhCdWRh
cGVzdDEWMBQGA1UECgwNTWljcm9zZWMgTHRkLjEyMC0GA1UEAwwmU2lnbmF0dXJlSsYXNzYXNzIDMg
S0VUIGUtU3ppZZ25vIENBIDIwMDkxHzAdBgkqhkiG9w0BCQEWEGluZm9AZS1zemlnbm8uaHUwggEi
MA0GCSqGSIb3DQEBAQUAA4IBDwAwggEKAoIBAQCPX+BYtkHA2kF0hZEU3wJcdqMjdktWMu3jBVqh
5I0MGTj2itp7qBWfPY3FAbZovCSXp3UPBP9E3s8FEFiNOrfsXlCLdBaKInoqrI9vMdM+srETrI1x
SmolLPrx+N6loIc6QBPaBOxyW0gkvrtixSTff61R/ZAMkEA0uWLkx1eVUz3XxrcaZzNyBz4AYluG
/qFZ34x94HmEmaGcXijJdHML0LhYeKHZAvMNUwmcIvq+1yPSKNmbRUANCc+dLBIZtPtR4BAa/OX8
DqJJ4Uoch2cfgXXNbNFin9UwrHDTx5RAoGoUqtgrvzG2z4glmjUd/RINbHTN1H0eBOblZZYUPKo9
AgMBAAGjggL2MIIC8jAOBgNVHQ8BAf8EBAMCAQYwEgYDVR0TAQH/BAgwBgEB/wIBADCCAkgGA1Ud
IASCAj8wggI7MIICNwYKAoFYAWQqAYFIAjCCAicwIwYIKwYBBQUHAgEWF2h0dHA6Ly9jcC5rZ3lo
c3ouZ292Lmh1MIIB/gYIKwYBBQUHAgIwggHwHoIB7ABBACAAaABpAHQAZQBsAGUAcwDtAHQA6QBz
AC0Acw6AG8AbABnAOEAbAB0AGEAdADzACAAZQBnAHkAYQBYAOEAbgB0ACAAagBvAGcAbwBzAHUA
bAB0ACAAawD2AHoAaQBnAGEAegBnAGEAdADhAHMAaQAgAGYAZQBsAHoAAbgDhAGwA4QBz
AHIAYQAgAHMAegBvAGwAZwDhAGwA8wAsACAAaABpAHYAYQB0AGEAbABpACAAYQBsAOEA7QByAOEA
cwBoAG8AegAgAOkAcwAgAPwAZwB5AGYA6QBsACAA4QBsAHQAYQBsACAAaABhAHMAegBuAOEAbAB0
ACAAYQBsAOEA7QByAOEAcwBoAGAegAgAGAsAYQBwAGMAcwBvAGwA8wBkAPMAIAB0AGEAbgD6AHMA
7QB0AHYA4QBuAHkAbwBrACAAawBpAGIAbwBjAHMA4QB0AOEAcwDhAHIAYQAuACAATQBpAG4AZABl
AG4AIABmAGUAbABlAGwUQBzAHMA6QBnACAAawAawBpAHoA4QByAHYAYQAgAGEAIABoAGkAdABlAGwA
ZQBzAO0AdADpAHMAaQAgAHIAZQBuAGQAYgBlAG4AIABmAG8AZwBsAGEAbAB0AGEAawAgAHMAegBl
AHIAaQBuAHQALjBABgNVHR8EOTA3MDWgM6Axhi9odHRwOi8vY3JsLmtneWhzei5nb3YuaHUvS0dZ
SFNaX0NBXzIwMDkxMjEwLmNybDAfBgNVHSMEGDAWgBT8n0bGsArqH9f6fi4gBWhcB0rC4jAdBgNV
HQ4EFgQULe3AoLIoPTpjEAeyyDt/XnrGDYUwDQYJKoZIhvcNAQELBQADggEBABWCYEdaWWJJjijQ
dBM66wx9TJk3hbQWG6XU6JCT0UpvrjSCt/6xZ46X5525AOYN0+nnsMX0Jh5O5F4FvamubFAqPGkO
fCQOL+JZdgunSifkrQt+NK9WCTw0BJNZsyjF+ek2jZdQ8Tg6cqsQuMRCtEG7Hg9Lychd9cuA2J4y
t+0b0Bwt+z1z4OV0C7lGeJDg+XKH1XtJimTLoyqlFxjIn7XrFcSVt7hfqYIssTdyaJdvKQh5xob6
2cEsEveG3LQraNKgui8nU5Hlf/5tFEp+RJxiVFxyaMy4Jl88/TgJw1baZMTmmgbcn+AwC0tdq6H0
GIUe2aGPv0Pg7xbMo9UB2V4=
-----END CERTIFICATE-----
```

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/recognisedatnationallevel

> *For trust services listed under a service type specified in clause 5.5.1.2: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved" status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in Regulation (EU) No 910/2014 and the applicable national legislation.*
>
> *For NationalRootCA-QC type: The service is set by national law in accordance with the applicable European legislation and operated by the responsible national body issuing root-signing or qualified certificates to accredited trust service providers.*
>
> *For other trust services listed under a service type specified in clause 5.5.1.3: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved"status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in the applicable national legislation.*

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: http://www.e-szigno.hu/sigkca2009.crl

http://sigkocsp2009.e-szigno.hu

2.2.18.1. Signature Class 3 KET e-Szigno CA 2009

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

> *A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.*

Service name:

English: Signature Class 3 KET e-Szigno CA 2009

Hungarian: Signature Class 3 KET e-Szigno CA 2009

Service digital identity: *Subject key identifier:*

2D ED C0 A0 B2 28 3D 3A 63 10 07 B2 C8 3B 7F 5E 7A C6 0D 85

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2010-12-17T10:07:47.000Z   (17 Dec 2010 11:07:47 CET)

2.2.19. e-Szignó Minősített Archiválás Szolgáltatás

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/Archiv

An Archival service.

Service name: *English:* e-Szignó Minősített Archiválás Szolgáltatás

Hungarian: e-Szignó Qualified Long-Term Archiving Service

Service digital identity: *Subject key identifier:*

96 6F 0E 2D 65 23 D7 93 FB F3 89 95 75 37 E7 E9 21 06 0A 31

Service digital identity: *Version:*

3

Serial number:

12 292 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

SERIALNUMBER=1.3.6.1.4.1.21528.2.3.2.76,EMAILADDRESS=info@e-szigno.hu,CN=e-Szignó Archívum automata visszaigazolás,OU=e-Szignó Archívum,O=Microsec Kft.,L=Budapest,C=HU

Issuer:

CN=Advanced e-Szigno CA3,OU=e-Szigno CA,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

96 6F 0E 2D 65 23 D7 93 FB F3 89 95 75 37 E7 E9 21 06 0A 31

Authority key identifier:

22 94 A4 06 AB 7C 14 E4 CC 36 16 8B 99 86 34 C4 58 F0 2E 7A

Valid from:

2009-01-28T17:18:40.000Z   (28 Jan 2009 18:18:40 CET)

Valid to:

2011-01-28T17:18:40.000Z   (28 Jan 2011 18:18:40 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

28:A5:7B:55:10:87:3F:A9:A9:D4:B3:BE:6B:52:D4:20:AD:32:DE:97

SHA-256:

84:86:B1:E8:AD:A3:89:A7:54:CF:EC:ED:21:44:54:19:00:8B:5B:EC:C5:F1:37:24:8F:8D:86:6E:8D:13:65:36

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100C2E6F7BA22B048148E6672ADC60EA148639A8F645E1C1BF678AF6ED4C926F0CCE45B766EE013
174641B039C0E0ACF9D7998361381742BA69EF5DE3460B611D6E04449E60A545C41DE10F9707A553EA54E880884DB8
F3032C9F2C9EEDD101EDD8DE9B231258891913AF4232B7841FA1C92594ADC8429C1992708AD25353B0F875BBD39DEF
4FAF2674C99649F750921F4F8AF828C5DB858D4C3316A63D34851BFD868CD9806480F5EFED69287858A5C405F93FF6
46CF2196C1C87E40B403AEFEFC0EC21588466BAE75B6DB3F222F79D6D91B72299E358C870282E3D685D0634594F608
1AD40721B57391328EE3539CBEBB3C9FCDA3673F3AF58D8CB37CF06810690203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.11

cPSuri = http://www.e-szigno.hu/ASZSZ/

userNotice = Fokozott biztonságú tanúsítvány, regisztrációkor a személyes megjelenés kötelező. A tanúsítványhoz tartozó magánkulcsot AUTOMATA kezeli.

CRL distribution points:

http://www.e-szigno.hu/ACA3.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIGfDCCBWSgAwIBAgICMAQwDQYJKoZIhvcNAQEFBQAwbjELMAkGA1UEBhMCSFUxETAPBgNVBAcT
CEJ1ZGFwZXN0MRYwFAYDVQQKEw1NaWNyb3NlYyBMdGQuMRQwEgYDVQQLEwtlLVN6aWdubyBDQTEe
MBwGA1UEAxMVQWR2YW5jZWQgZS1Temlnbm8gQ0EwMB4XDTA5MDEyODE3MTg0MFoXDTExMDEyODE3
MTg0MFowgdMxCzAJBgNVBAYTAkhVMREwDwYDVQQHDAhCdWRhcGVzdDEWMBQGA1UECgwNTWljcm9z
ZWMgS2Z0LjEcMBoGA1UECwwTZS1TemlnbnOzIEFyY2jDrXZlbTE1MDMGA1UEAwwsZS1TemlnbsOz
IEFyY2jDrXZlbSBhdXRvbWF0YSB2aXNzemFpZ2Z6b2zDoXMxHzAdBgkqhkiG9w0BCQEWEGluZm9A
ZS1zemlnbm8uaHUxIzAhBgNVBAUTGjEuMy42LjEuNC4xLjIxNTI4LjIuMy4yLjc2MIIBIjANBgkq
hkiG9w0BAQEFAAOCAQ8AMIIBCgKCAQEAwub3uiKwSBSOZnKtxg6hSGOaj2ReHBv2eK9u1Mkm8Mzk
W3Zu4BMXRkGwOcDgrPnXmYNhOBdCumnvXeNGC2EdbgREnmClRcQd4Q+XB6VT6lTogIhNuPMDLJ8s
nu3RAe3Y3psjEliJGROvQjK3hB+hySWUrchCnBmScIrSU1Ow+HW7053vT68mdMmWSfdQkh9Pivgo
xduFjUwzFqY9NIUb/YaM2YBkgPXv7WkoeFilxAX5P/ZGzyGWwch+QLQDrv78DsIViEZrrnW22z8i
L3nW2RtyKZ41jIcCguPWhdBjRZT2CBrUByG1c5EyjuNTnL67PJ/No2c/OvWNjLN88GgQaQIDAQAB
o4ICvDCCArgwDAYDVR0TAQH/BAIwADAOBgNVHQ8BAf8EBAMCBsAwggF0BgNVHSAEggFrMIIBZzCC
AWMGDCsGAQQBgagYAgEBCzCCAVEwKQYIKwYBBQUHAgEWHWh0dHA6Ly93d3cuZS1zemlnbm8uaHUv
QVNaU1ovMIIBIgYIKwYBBQUHAgIwggEUHoIBEABGAG8AawBvAHoAbwB0AHQAIABiAGkAegB0AG8A
bgBzAOEAZwD6ACAAdABhAG4A+gBzAO0AdAB2AOEAbgB5ACwAIAByAGUAZwBpAHMAegB0AHIA4QBj
AGkA8wBrAG8AcgAgAGEAIABzAHoAZQBtAOkAbAB5AGUAcwAgAG0AZQBnAGoAZQBsAGUAbgDpAHMA
IABrAPYAdABlAGwAZQB6AVEALgAgAEAEAIAB0AGEAbgD6AHMA7QB0AHYA4QBuAHkAaABvAHoAIAB0
AGEAcgB0AG8AegDzACAAbQBhAGcA4QBuAGsAdQBsAGMAcwBvAHQAIABBAFUAVABPAE0AQQBUAEEA
IABrAGUAegBlAGwAaQAuMB0GA1UdDgQWBBSWbw4tZSPXk/vziZV1N+fpIQYKMTAfBgNVHSMEGDAW
gBQilKQGq3wU5Mw2FouZhjTEWPAuejAbBgNVHREEFDASgRBpbmZvQGUtc3ppZ25vLmh1MDAGA1Ud
HwQpMCcwJaAjoCGGH2h0dHA6Ly93d3cuZS1zemlnbm8uaHUvQUNBMy5jcmwwgZAGCCsGAQUFBwEB
BIGDMIGAMCgGCCsGAQUFBzABhhxodHRwczovL2NhLmUtc3ppZ25vLmh1L2FvY3NwNMcsGCCsGAQUF
BzAChh9odHRwOi8vd3d3LmUtc3ppZ25vLmh1L0FDQTMuY3J0MCcGCCsGAQUFBzADhhtodHRwczov
L3RzYS5lLXN6aWduby5odS90c2EwDQYJKoZIhvcNAQEFBQADggEBACGittUrKKZsujra7KmTOdGl
lV5IWpgDNWO49DiUU9kSXHiuNR4EZVtcvSaASNJlLrCsigKGKjpjBggCDW7xcFMKWS3LznDpLj1x
PTrg8k3/p2silkl3SyOt+meeevqkPyr6q5LEbrVN+ZAL8IvDAlyak4giBvVIj1TKA3taeHBXKcd
MkELOSdi0TSyg+4gAz2BhC3lmWoOxx9iZaHWNwZ1PtmEsN8XAdPxMJbhS8IbCFsQN295CKLguMG+
jXBsOSFXw4SZsGkIRlBy6tQt/AcctEBxYpfnIGcDMLKpgXY8ammNdHL652tBmUmWs/GYpBj/fLUg
hJPgVomG4e+w4dc=
-----END CERTIFICATE-----

Service status:	http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/recognisedatnationallevel

For trust services listed under a service type specified in clause 5.5.1.2: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved" status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in Regulation (EU) No 910/2014 and the applicable national legislation.

For NationalRootCA-QC type: The service is set by national law in accordance with the applicable European legislation and operated by the responsible national body issuing root-signing or qualified certificates to accredited trust service providers.

For other trust services listed under a service type specified in clause 5.5.1.3: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved"status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in the applicable national legislation.

Status starting time:	2016-06-30T22:00:00.000Z (01 Jul 2016 00:00:00 CEST)
Service supply points:	https://archivmail.e-szigno.hu/submit
	https://archivum.e-szigno.hu/menu/
TSP service definition URI:	*English:*
	http://www.e-szigno.hu/lap=english_archiving
	Hungarian:
	http://www.e-szigno.hu/?lap=archivalas_szolgaltatas
Service information extensions:	*Extension 1/1, non-critical:*

<tsl:AdditionalServiceInformation xmlns:tsl="http://uri.etsi.org/02231/v2#">
<tsl:URI
xml:lang="en">http://www.nmhh.hu/tl/ServiceStatus/QualifiedatNationalLevel</tsl:URI>
</tsl:AdditionalServiceInformation>

2.2.19.1. e-Szignó Minősített Archiválás Szolgáltatás

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/Archiv

> *An Archival service.*

Service name: *English:* e-Szignó Minősített Archiválás Szolgáltatás

Hungarian: e-Szignó Qualified Long-Term Archiving Service

Service digital identity: *Subject key identifier:*

96 6F 0E 2D 65 23 D7 93 FB F3 89 95 75 37 E7 E9 21 06 0A 31

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2009-01-28T17:18:40.000Z   (28 Jan 2009 18:18:40 CET)

2.2.20. e-Szignó Archívum

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/Archiv

       An Archival service.

Service name: *English:* e-Szignó Archívum

    Hungarian: e-Szignó Archívum

Service digital identity: Subject key identifier:

CC 3D 46 E8 65 00 BB EA C3 BD CF B7 88 E1 95 FF 53 79 A3 B4

Service digital identity: *Version:*

3

Serial number:

9 826 342 637 051 135 191 347 904 425 226 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

SERIALNUMBER=1.3.6.1.4.1.21528.2.3.2.76,EMAILADDRESS=info@e-szigno.hu,CN=e-Szignó Archívum,O=Microsec zrt.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Advanced Class 3 e-Szigno CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

CC 3D 46 E8 65 00 BB EA C3 BD CF B7 88 E1 95 FF 53 79 A3 B4

Authority key identifier:

26 B7 18 01 AC 9C 78 EF C0 A5 87 C0 0D 3F 3C 9A F2 8B 45 81

Valid from:

2012-04-19T13:00:08.000Z   (19 Apr 2012 15:00:08 CEST)

Valid to:

2014-04-19T13:00:08.000Z   (19 Apr 2014 15:00:08 CEST)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

84:6C:F5:3A:D2:30:A3:D8:5C:D6:39:B3:63:7B:33:2C:9A:20:60:32

SHA-256:

62:9F:E8:05:69:48:8D:09:99:27:DE:4E:B0:B0:84:A8:4C:47:30:D2:E8:4F:B0:94:AE:C3:C3:9F:0A:9B:CA:A9

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100D759696468C3DA68FA3D2603AE7C99A01BE8B694F1562F8D7380C64A61D3304D7A10D698C8ED
2AE7EA6142C1F0D059D1CC2B016DD3FC89B3B9D608B2778FE7157831AD1FAD471D9899FC7A5E03160BBDFFC48DDF45
8AA57BC5247D6D62F6ACFE132D5EF73AECFFDCE9E85EDEEF14868B76BFBA93DE2B06A1E997B92DC8F04FD9DEE10ABE
F73CD3390B1DC3A30A133C827749D4CDDAE31F1DD076E310DF07071CACF0D80ECC57F50C658694C6603B876EBA81F0
15E2C1CFDE96B617A95595EA266D21CDADFC15862528B3CD4F0AD72BC358A6B49F6301A0C493A4A32510F4422059ED
0EF380DA7EB4C2A39E01E6963F1D6E391EB7635A0AC8F21EACF4C772B6AB0203010001

Certificate policies:

0.4.0.2042.1.2

1.3.6.1.4.1.21528.2.1.1.32.3.0

cPSuri = http://cp.e-szigno.hu/acps

userNotice = Non-qualified certificate of class 3. Issued via face-to-face registration. The private key resides in a secure hardware device. The subject of the certificate is not a natural person.

userNotice = Nem minősített tanúsítvány, 3. hitelesítési osztály, regisztrációkor a személyes megjelenés kötelező, a magánkulcsot kriptográfiai hardver eszköz védi. A tanúsítvány alanya nem természetes személy.

CRL distribution points:

http://crl.e-szigno.hu/a3ca2009.crl

PEM format:

```
-----BEGIN CERTIFICATE-----
MIIHwTCCBqmgAwIBAgINfAagHyXjmf4rv5itCjANBgkqhkiG9w0BAQsFADCBhTELMAkGA1UEBhMC
SFUxETAPBgNVBAcMCEJlZGFwZXN0MRYwFAYDVQQKDA1NaWNyb3NlYyBMdGQuMSowKAYDVQQDDCFB
ZHZhbmNlZCBDbGFzcyAzIGUtU3ppZ25vIENBIDIwMDkxHzAdBgkqhkiG9w0BCQEWEGluZm9AZS1z
emlnbm8uaHUwHhcNMTIwNDE5MTMwMDA4WhcNMTQwNDE5MTMwMDA4WjCBnDELMAkGA1UEBhMCSFUx
ETAPBgNVBAcMCEJlZGFwZXN0MRYwFAYDVQQKDA1NaWNyb3NlYyB6cnQuMRwwGgYDVQQDDBNlLVN6
aWduw7MgQXJjaMOtdnVtMR8wHQYJKoZIhvcNAQkBFhBpbmZvQGUtc3ppZ25vLmh1MSMwIQYDVQQF
ExoxLjMuMUNi4xLjQuMS4yMTUyOC4yLjMuMi43MjNjCCASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoC
ggEBANdZaWRow9po+j0mA658maAb6LaU8VYvjXOAxkph0zBNehDWmMjtKufqYULB8NBZ0cwrAW3T
/ImzudYIsneP5xV4Ma0frUcdmJn8el4DFgu9/8SN30WKpXvFJH1tYvas/hMtXvc67P/c6ehe3u8U
hot2v7qT3isGoemXuS3I8E/Z3uEKvvc80zkLHcOjChM8gndJlM3a4x8d0HbjEN8HBxys8Ng0zFf1
DGWGlMZgO4duuoHwFeLBz96WthepVZXqJm0hza38FYYlKLPNTwrXK8NYprSfYwGgxJOkoyUQ9EIg
We00B4DafrTCo54B5pY/HW45HrdjWgrI8h6s9MdytqsCAwEAAaOCBBUwggQRMAwGA1UdEwEB/wQC
MAAwDgYDVR0PAQH/BAQDAgbAMBMGA1UdJQQMMAoGCCsGAQUFBwMEMIICwgYDVR0gBIICuTCCArUw
ggKnBg4rBgEEAYGoGAIBASADADCCApMwJgYIKwYBBQUHAgEWGmh0dHA6Ly9jcC5lLXN6aWduby5o
dS9hY3BzMIHIBggrBgEFBQcCAjCBuxqBuE5vbi1xdWFsaWZpZWQgY2VydGlmaWNhdGUgb2YgY2xh
c3MgMy4gSXNzdWVkIHZpYSBmYWNlLXRvLWZhY2UgcmVnaXN0cmF0aW9uLiBUaGUgcHJpdmF0ZSBr
ZXkgcmVzaWRlcyBpbiBhIHNlY3VyZSBoYXJkd2FyZSBkZXZpY2UuIFRoZSBzdWJqZWN0IG9mIHRo
ZSBjZXJ0aWZpY2F0ZSBpcyBub3QgYSBuYXR1cmFsIHBlcnNvbi4iwggGcBggrBgEFBQcCAjCCAY4e
ggGKAE4AZQBtACAAbQBpAG4BUQBzAO0AdABlAHQAdAAgAHQAYQBuAPoAcwDtAHQAQdghAG4AeQAs
ACAAMwAuACAAaABpAHQAZQBsAGUAcwDtAHQA6QBzAGAIABvAHMAegB0AOEAbAB5ACwIAByAGUA
ZwBpAHMAegB0AHIA4QBjAGkA8wBrAG8AcgAgAGEAZAGAIABzAHoAZQBtAOZBtAOkAbAB5AGUAcwAgAG0AZQBn
AGoAZQBsAGUAbgDpAHMAIABrAPYAdABlAGwAZQB6AVEALAAgAGEAIABtAGEAZwDhAG4Awb1AGwA
YwBzAG8AdAAgAGsAcgBpAHAAdABvAGcAcgDhAGYAaQBhGkAIABoAGEAcgBkAHYAZQByACAAZQBz
AHoAawD2AHoAIAB2AOkAZABpAC4AIABBBCAAdABhG4A+gBzA00AdAB2AOEAbgB5ACAAYQBsAGEA
bgB5AGEAIABuAGUAbQAgAHQAZQByACZ0A6QB2AHoAZQB0AGUAcwAgAHMAegB1AG6A6QBsAHkALjAI
BgYEAI96AQIwHQYDVR0OBBYEFMw9RuhlALvqw73Pt4jhlf9Tea00MB8GA1UdIwQYMBaAFCa3GAGs
nHjvwKWHwA0/PJryi0WBMDQGA1UdEQQtMCuBEGluZm9AZS1zemlnbm8uaHWgFwYGKwYBBQUHoA0w
CwYJKwYBBAGBqBgCMDQGA1UdHwQtMCswKaAnoCWGI2h0dHA6Ly9jcmwuZS1zemlnbm8uaHUvYTNj
YTIwMDkuY3JsMGoGCCsGAQUFBwEBBF4wXDApBggrBgEFBQcwAYYdaHR0cDovL2Ezb2NzcDIwMDku
ZS1zemlnbm8uaHUwLwYIKwYBBQUHMAKGI2h0dHA6Ly93d3cuZS1zemlnbm8uaHUvYTNjYTIwMDku
Y3J0MA0GCSqGSIb3DQEBCwUAA4IBAQBZ2iCxV506gJs7waQtsQvxrKNxDovIy5tZLa22GK9Xa/jv
Rnfd0Qa1XNTjyQzwLeSqcuezDW4q5+b+Vhp07GQhLJpQe79C8A/X6xERFkZzosdqWK/oZTZqz/Xe
q268QYzDFdJtfZv2wILZbKx3quTJ/E7Zgg5UlJ4d0MOCk5bzXilwWUCT90WE0UNFp6kr1Jh2xn0/
DEYCzuBeNYsCfHP4plrKjxwZroHyUu8VuntB1/UnZtSF8as0Iheez4F4kf2B0XH9RABnR3F9eAHg
Dznbd+is1dYnZd6nUkDbTXZKVZT32hvEp4qiEgNiXd4PD15fe1mWZB2/n4XsHcc3YX+0
-----END CERTIFICATE-----
```

Service status:	http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/recognisedatnationallevel

For trust services listed under a service type specified in clause 5.5.1.2: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved" status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in Regulation (EU) No 910/2014 and the applicable national legislation.
For NationalRootCA-QC type: The service is set by national law in accordance with the applicable European legislation and operated by the responsible national body issuing root-signing or qualified certificates to accredited trust service providers.
For other trust services listed under a service type specified in clause 5.5.1.3: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved"status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in the applicable national legislation.

Status starting time:	2016-06-30T22:00:00.000Z (01 Jul 2016 00:00:00 CEST)
Service supply points:	https://archivmail.e-szigno.hu/submit
	https://archivum.e-szigno.hu/menu/
TSP service definition URI:	*English:*
	http://www.e-szigno.hu/lap=english_archiving
	Hungarian:
	http://www.e-szigno.hu/?lap=archivalas_szolgaltatas

Service information extensions:	*Extension 1/1, non-critical:*

<tsl:AdditionalServiceInformation xmlns:tsl="http://uri.etsi.org/02231/v2#">
<tsl:URI
xml:lang="en">http://www.nmhh.hu/tl/ServiceStatus/QualifiedatNationalLevel</tsl:URI>
</tsl:AdditionalServiceInformation>

2.2.20.1. e-Szignó Archívum

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/Archiv

> *An Archival service.*

Service name: *English:* e-Szignó Archívum

Hungarian: e-Szignó Archívum

Service digital identity: *Subject key identifier:*

CC 3D 46 E8 65 00 BB EA C3 BD CF B7 88 E1 95 FF 53 79 A3 B4

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2012-04-19T13:00:08.000Z   (19 Apr 2012 15:00:08 CEST)

2.2.21. e-Szigno OCSP CA

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/Certstatus/OCSP

> *A certificate validity status service, not qualified, issuing Online Certificate Status Protocol (OCSP) signed responses.*

Service name:

English: e-Szigno OCSP CA

Hungarian: e-Szigno OCSP CA

Service digital identity: *Subject key identifier:*

84 AA 89 BE DF 97 87 0F 23 F7 35 C6 8F BB E1 3C 4F 57 B0 E3

Service digital identity: *Version:*

3

Serial number:

77 495 491 824 730 078 640 573 918 120 387 379 653 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

CN=e-Szigno OCSP CA,OU=e-Szigno CA,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

CN=e-Szigno OCSP CA,OU=e-Szigno CA,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

84 AA 89 BE DF 97 87 0F 23 F7 35 C6 8F BB E1 3C 4F 57 B0 E3

Authority key identifier:

keyIdentifier:

84 AA 89 BE DF 97 87 0F 23 F7 35 C6 8F BB E1 3C 4F 57 B0 E3

authorityCertIssuer:

directoryName: CN=e-Szigno OCSP CA, OU=e-Szigno CA, O=Microsec Ltd., L=Budapest, C=HU

authorityCertSerialNumber:

77 495 491 824 730 078 640 573 918 120 387 379 653 (decimal)

Valid from:

2005-04-14T07:31:31.000Z   (14 Apr 2005 09:31:31 CEST)

Valid to:

2015-04-14T07:31:31.000Z   (14 Apr 2015 09:31:31 CEST)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = no limit

Thumbprint:

SHA-1:

56:2C:85:5B:9C:D9:BE:0E:64:E6:F7:95:86:24:95:A1:09:3E:F1:68

SHA-256:

15:A9:45:A5:E4:92:C8:6C:3E:4E:0E:A5:81:4C:9C:43:B0:4F:2E:A6:83:1A:64:6C:37:8C:D2:B1:82:05:AA:89

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100B26CA3A28C2333AB6D851FF4CCBB1D8EC251B89F824FBFD6D9CBBFD849332272B9805BA8916E
D6D3199A4A26ED629AFD54F79C107B26F0C86B74033079F3F3483BAED48376B2108D70C7709AB81FD29905EAC27E3A
66F42991B1270BAE73C494084C3AEF7C778D96A496E704CB7FEDA1FFAC2D82F97205403C0C57E0FA707770C5F5C7D9
9CDA1D966B4D93ED2FEF4B0FF4EDDE805B7E7C22583B57321359A3985830AE026F0A3B3A8A391EFB0B26BB8C249BBA
09B137BDD40F3CC0C86C76579FFB849B87BD08E4B5DD9B07898F8191E3ED669025B87CE190D6DD51D989F11ABEF5EB
5AEA627544685645A4CA52BBE5E7341DD266ED639C8D1241AEE6C688E3770203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1

cPSuri = http://www.e-szigno.hu/SZSZ/

userNotice = A tanúsítvány értelmezéséhez és elfogadásához a Szolgáltató
Szolgáltatási Szabályzata szerint kell eljárni: http://www.e-szigno.hu/SZSZ/

CRL distribution points:

http://www.e-szigno.hu/OCSPCA-Crl

ldap://ldap.e-szigno.hu/CN=e-Szigno%20OCSP%20CA,OU=e-
Szigno%20CA,O=Microsec%20Ltd.,L=Budapest,C=HU?certificateRevocationList;
binary

PEM format:

```
-----BEGIN CERTIFICATE-----
MIIHljCCBn6gAwIBAgIQOk0WvU1uX/Wd5f0ASJmBxTANBgkqhkiG9w0BAQUFADBpMQswCQYDVQQG
EwJIVTERMA8GA1UEBxMIQnVkYXBlc3QxFjAUBgNVBAoTDU1pY3Jvc2VjJEx0ZC4xFDASBgNVBAsT
C2UtU3ppZ25vIENBMRkwFwYDVQQDExBlLVN6aWdubyBPQ1NQIENBMB4XDTA1MDQxNDA3MzEzMVoX
DTE1MDQxNDA3MzEzMVowaTELMAkGA1UEBhMCSFUxETAPBgNVBAcTCEJ1ZGFwZXN0MRYwFAYDVQQK
Ew1NaWNyb3NlYyBMdGQuMRQwEgYDVQQLEwtlLVN6aWdubyBDQTEZMBcGA1UEAxMQZS1Temlnbm8g
T0NTUCBDQTCCASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBALJso6KMIzOrbYUf9My7HY7C
Ubifgk+/ltnLv9hJMyJyuYBbqJFultMZmkom7WKa/VT3nBB7JvDIa3QDMHnz80g7rtSDdrIQjXDH
cJq4H9KZBerCfjpm9CmRsScLrnPElAhM0u98d42WpJbnBMt/7aH/rC2C+XIFQDwMV+D6cHdwxfXH
2ZzaHZZrTZPtL+9LD/Tt3oBbfnwiWDtXMhNZo5hYMK4Cbwo70oo5HvsLJruMJJu6CbE3vdQPPMDI
bHZXn/uEm4e9COS13ZsHiY+BkePtZpAluHzhkNbdUdmJ8Rq+9eta6mJlRGhWRaTKUrvl5zQd0mbt
Y5yNEkGu5saI43cCAwEAAaOCBDgwggQ0MGoGCCsGAQUFBwEBBF4wXDArBggrBgEFBQcwAYYfaHR0
cHM6Ly9vY3NNwY2EuZS1zemlnbm8uaHUvb2NzcDAtBggrBgEFBQcwAoYhaHR0cDovL3d3dy5lLXN6
aWduby5odS9PQ1NQQ0EuY3J0MA8GA1UdEwEB/wQFMAMBAf8wggFzBgNVHSAEggFqMIIBZjCCAWIG
DCsGAQQBgagYAgEBATCCAVAwKAYIKwYBBQUHAgEWHGh0dHA6Ly93d3cuZS1zemlnbm8uaHUvU1pT
Wi8wggEiBggrBgEFBQcCAjCCARQeggEQAEEAIAB0AGEAbgD6AHMA7QB0AHYA4QBuAHkAIADpAHIA
dABlAGwAbQBlAHoA6QBzAOkAaABlAHoAIADpAHMAIABlAGwAZgBvAGcAYQBkAOEAcwDhAGgAbwB6
ACAAYQAgAFMAegBvAGwAZwDhAGwAdABhAHQA8wAgAFMAegBvAGwAZwDhAGwAdABhAHQA4QBzAGkA
IABTAHoAYQBiAOEAbAB5AHoAYQB0AGEAIABzAHoAZQByAGkAbgB0ACAAawBlAGwAbABAGUAbABBq
AOEAcgBuAGkAOgAgAGgAdAB0AHAAOgAvAC8AdwB3AHcALgBlAC0AcwB6AGkAZwBuAG8ALgBoAHUA
LwBTAFoAUwBaAC8wgb0GA1UdHwSBtTCBsjCBr6CBrKCBqYYhaHR0cDovL3d3dy5lLXN6aWduby5o
dS9PQ1NQQ0EtQ3JshoGDbGRhcDovL2xkYXAuZS1zemlnbm8uaHUvQ049ZS1Temlnbm8lMjBPQ1NQ
JTIwQ0EsT1U9ZS1Temlnbm8lMjBDQSxPPU1pY3Jvc2VjJTIwTHRkLixMPU1J1ZGFwZXN0LEM9SFU/
Y2VydGlmaWNhdGVSZXZvY2F0aW9uTGlzdDtiaW5hcnkwDgYDVR0PAQH/BAQDAgEGMIGpBgNVHREE
gaEwgZ6BEGluZm9AZS1zemlnbm8uaHWkgYkwgYYxNDAyBgNVBAMMK2UtU3ppZ27DsyBPbmxpbmUg
VGFuw7pzdw610dsOhbnktw6FsbGFwb3QgQ0ExFjAUBgNVBAsMDWUtU3ppZ27DsyBIU1oxFjAUBgNV
BAoTDU1pY3Jvc2VjIEtmdC4xETAPBgNVBAcTCEJ1ZGFwZXN0MQswCQYDVQQGEwJIVTCBogYDVR0j
BIGaMIGXgBSEqom+35eHDyP3NcaPu+E8T1ew46FtpGswaTELMAkGA1UEBhMCSFUxETAPBgNVBAcT
CEJ1ZGFwZXN0MRYwFAYDVQQKEw1NaWNyb3NlYyBMdGQuMRQwEgYDVQQLEwtlLVN6aWdubyBDQTEZ
MBcGA1UEAxMQZS1Temlnbm8gT0NTUCBDQYIQOk0WvU1uX/Wd5f0ASJmBxTAdBgNVHQ4EFgQUhKqJ
vt+Xhw8j9zXGj7vhPE9Xs0MwDQYJKoZIhvcNAQEFBQADggEBAIyUNHRbQ4edKTIZ6zsJb+wZc2bD
TnbAhe8SS4wOPOWxtYexvM03ar40Wb7TwbvoA0pAteDKWf9paAlvdbIYNrU7cwOmu/u5WqQUH9xp
sSfRmQy6a91DQjpF5LS0sVtPxAxvmRas93s+75Y/DyABHAnqwNMAgb6cBYvZ9hfAQcIG1N2TJP3C
2ThE3FDQw0pVl8PcT4+VuwEpXB6+RYuYIxm9pFmRKd+khWipxBZOW4xMEIOEy7xfGy0tm5HvVxax
JHNWsTK5MFZGhTRoPZOohGP9nPNWoD285TQpWV8uJFGmzXk5rKSMOwC7Ut9KrKopfowqXmQ7rmi+
qONjjez2IV4=
-----END CERTIFICATE-----
```

Service status:	http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/recognisedatnationallevel

For trust services listed under a service type specified in clause 5.5.1.2: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved" status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in Regulation (EU) No 910/2014 and the applicable national legislation.

For NationalRootCA-QC type: The service is set by national law in accordance with the applicable European legislation and operated by the responsible national body issuing root-signing or qualified certificates to accredited trust service providers.

For other trust services listed under a service type specified in clause 5.5.1.3: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved"status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in the applicable national legislation.

Status starting time:	2016-06-30T22:00:00.000Z (01 Jul 2016 00:00:00 CEST)
Service supply points:	https://ca.e-szigno.hu/ocsp

2.2.21.1. e-Szigno OCSP CA

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/Certstatus/OCSP

> *A certificate validity status service, not qualified, issuing Online Certificate Status Protocol (OCSP) signed responses.*

Service name:

English: e-Szigno OCSP CA

Hungarian: e-Szigno OCSP CA

Service digital identity: *Subject key identifier:*

84 AA 89 BE DF 97 87 0F 23 F7 35 C6 8F BB E1 3C 4F 57 B0 E3

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2005-04-14T07:31:31.000Z   (14 Apr 2005 09:31:31 CEST)

2.2.22. Qualified e-Szigno TSA

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name:

English: Qualified e-Szigno TSA

Hungarian: Qualified e-Szigno TSA

Service digital identity:

Subject key identifier:

5D 2B 84 B2 B0 0D B9 A8 7E 1E 2D 5E 8B 42 43 19 C0 F6 EE 3E

Service digital identity:

Version:

3

Serial number:

250 488 397 021 309 688 321 072 350 399 088 920 305 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

CN=Qualified e-Szigno TSA,OU=e-Szigno CA,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

CN=Microsec e-Szigno Server CA,OU=e-Szigno CA,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

5D 2B 84 B2 B0 0D B9 A8 7E 1E 2D 5E 8B 42 43 19 C0 F6 EE 3E

Authority key identifier:

35 1E A5 87 3A D8 CA 61 22 7C 07 65 C5 8D 18 98 E1 FE 36 6D

Valid from:

2007-01-11T14:54:42.000Z   (11 Jan 2007 15:54:42 CET)

Valid to:

2015-04-12T10:54:42.000Z   (12 Apr 2015 12:54:42 CEST)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

DE:D9:09:66:7C:5F:06:86:11:14:FB:9E:43:F1:85:DA:A9:E4:97:CF

SHA-256:

49:AD:20:11:48:37:3D:20:12:A8:A6:B4:95:60:65:7E:09:10:72:F8:DC:BE:85:A4:94:66:A2:DA:14:62:7C:8B

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100A5C3ECE260BBAADC3EAA511E3DD940FB5241B1E6BA991CF4789A4F2FD9BFEC8CD662E35278CD
4A80E37CA0B6D00669C0808F824BC2C8F8D909C3FB5B439604B49C72B8FE247543C459A3B8B3E98C7664C451BFE4E8
47F530A34FF76D8B776B11443DD6479265FF5E0A41D0E0A9CBA181CC1C59C0A742BC8F78CAEFCD687496B68F8C48F0
586A022E222EB3544293D86E37206518BEC394F9CD2C955F1A2C20DD8C079E5DBDE0E711D216E541FD306C9E2E1A5D
6E5DEB9B6877DA3B36383EDEF30270192CABF5FD00F30A28B412F5D107A078A9B451DADBD7D5CF6463D716DE76E720
8DFA14968E767F0A91378D286CFDB6FEDD846533DC24B8527A446FF27A050203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1

cPSuri = http://www.e-szigno.hu/SZSZ/

userNotice = A tanúsítvány értelmezéséhez és elfogadásához a Szolgáltató
Szolgáltatási Szabályzata szerint kell eljárni: http://www.e-szigno.hu/SZSZ/

CRL distribution points:

http://www.e-szigno.hu/SCA-Crl

ldap://ldap.e-szigno.hu/CN=Microsec%20e-Szigno%20Server%20CA,OU=e-
Szigno%20CA,O=Microsec%20Ltd.,L=Budapest,C=HU?certificateRevocationList;
binary

PEM format:

-----BEGIN CERTIFICATE-----
MIIHVTCCBj2gAwIBAgIRALxyT3nyCPDZLkTaIMxxhvEwDQYJKoZIhvcNAQEFBQAwdDELMAkGA1UE
BhMCSFUxETAPBgNVBAcTCEJ1ZGFwZXN0MRYwFAYDVQQKEw1NaWNyb3NlYyBMdGQuMRQwEgYDVQQL
EwtlLLVN6aWdubyBDQTEkMCIGA1UEAxMbTWljcm9zZWMgZS1Temlnbm8gU2VydmVyIENBMB4XDTA3
MDExMTE0NTQ0MLoXDTE1MDQxMjEwNTQ0MlowbzELMAkGA1UEBhMCSFUxETAPBgNVBAcTCEJ1ZGFw
ZXN0MRYwFAYDVQQKEw1NaWNyb3NlYyBMdGQuMRQwEgYDVQQLEwtlLLVN6aWdubyBDQTEfMB0GA1UE
AxMWUXVhbGlmaWVkIGUtU3ppZ25vIFRTQTCCASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEB
AKXD7OJgu6rcPqpRHj3ZQPtSQbHmupkc9HiaTy/Zv+yM1mLjUnjNSoDjfKC20AZpwICPgkvCyPjZ
CcP7W0OWBLSccrj+JHVDxFmjuLPpjHZkxFG/5OhH9TCjT/dti3drEUQ91keSZf9eCkHQ4KnLoYHM
HFnAp0K8j3jK78lodJa2j4xI8FhqAi4iLrNUQpPYbjcgZRi+w5T5zSyVXxosIN2MB55dveDnEdIW
5UH9MGyeLhpdbl3rm2h32js20D7e8wJwGSyr9fOA8wootBL10QegeKm0Udrb19XPZGPXFt525yCN
+hSWjnZ/CpE3jShs/bb+3YRlM9wkuFJ6RG/yegUCAwEAAaOCA+UwggPhMGQGCCsGAQUFBwEBBFgw
VjAnBggrBgEFBQcwAYYbaHR0cHM6Ly9jYS55LXN6aWdubySodS9vY3NwMCsGCCsGAQUFBzAChh9o
dHRwOi8vd3d3LmUtc3ppZ25vLmh1L01TQ0EuY3J0MB8GA1UdIwQYMBaAFDUepYc62MphInwHZcWN
GJjh/jZtMAwGA1UdEwEB/wQCMAAwggFzBgNVHSAEggFqMIIBZjCCAWIGDCsGAQQBgagYAgEBATCC
AVAwKAYIKwYBBQUHAgEWHGh0dHA6Ly93d3cuZS1zemlnbm8uaHUvU1pTWi8wggEiBggrBgEFBQcC
AjCCARQeggEQAEEAIAB0AGEAbgD6AHMA7QB0AHYA4QBuAHkAIADpAHIAdABlAGwAbQBlAHoA6QBz
AOkAaABlAHoAIADpAHMAIABlAGwAZgBvAGcAYQBkAOEAcwDhAGgAbwB6ACAAYQAgAFMAegBvAGwA
ZwDhAGwAdABhAHQA8wAgAFMAegBvAGwAZwDhAGwAdABhAHQA4QBzAGkAIABTAHoAYQBiAOEAbAB5
AHoAYQB0AGEAIABzAHoAZQByAGkAbgB0ACAAawBlAGwAbAAgAGUAbABqAOEAcgBuAGkAOgAgAGgA
dAB0AHAAOgAvAC8AdwB3AHcALgBlAC0AcwB6AGkAZwBuAG8ALgBoAHUALwBTAFoAUwBaAC8wgc0G
A1UdHwSBxTCBwjAkoCKgIIYeaHR0cDovL3d3dy5lLXN6aWdub7y5odS9TQ0EtQ3JsMIGZoIGWoIGT
hoGQbGRhcDovL2xkYXAuZS1zemlnbm8uaHUvQ049TWljcm9zZWMlMjBlLLVN6aWdubyUyMFNlcnZl
ciUyMENBLE9VPWUtU3ppZ25vJTIwQ0EsTz1NaWNyb3NlYyUyMEx0ZC4sTD1CdWRhcGVzdCxDPUhV
P2NlcnRpZmljYXRlUmV2b2NhdGlvbkxpc3Q7YmluYXJ5MBYGA1UdJQEB/wQMMAoGCCsGAQUFBwMI
MA4GA1UdDwEB/wQEAwIGwDCBuwYDVR0RBIGzMIGwgRBpbmZvQGUtc3ppZ25vLmh1pIGbMIGYMUYw
RAYDVQQDDD1NaWNyb3NlYyBlLLVN6aWduw7MgSFNaMRYwFAYDVQQKEw1NaWNyb3NlYyBL
ZnQuMREwDwYDVQQHEwhCdWRhcGVzdDELMAkGA1UEBhMCSFUwHQYDVR0OBBYEFF0rhLKwDbmofh4t
XotCQxnA9u4+MA0GCSqGSIb3DQEBBQUAA4IBAQC5XpxePWVIL+Fqon6lhPUYU16GWpYqeCHEsU97
q6MsP6I/AsXYTY6b5/K5+xJDcOKwr8qmv/87+p0n21gbILRMcvAy4iTfozu/jqlPJC3BY0VUnsBV
6x/67ji0RgBqCrzGMlCGck6tz+UU4ma9U5ucPCiAjPJdy7vJow0F9uYqF+NNDcrgZUExOYt9tvMY
nyzM+jSVtOtu4ucRcelHzytTrezB+M1fPHeqPGQjbHONFSwgwZOs/XuwVYDyC632TqfY59EFYa5p
MotvrEMf7WN5YievNue/jdZynpMhx8QDcq0U3Rzp57rM2AUhMwVESGwRHTiIcSU1DyoquTLm7O4X

-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: https://tsa.e-szigno.hu/tsa

https://btsa.e-szigno.hu/tsa

2.2.22.1. Qualified e-Szigno TSA

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name:
English: Qualified e-Szigno TSA

Hungarian: Qualified e-Szigno TSA

Service digital identity: *Subject key identifier:*

5D 2B 84 B2 B0 0D B9 A8 7E 1E 2D 5E 8B 42 43 19 C0 F6 EE 3E

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2005-04-15T11:12:33.000Z   (15 Apr 2005 13:12:33 CEST)

2.2.23. e-Szigno TSA

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA

> *A time-stamping generation service, not qualified, creating and signing time-stamps tokens.*

Service name: *English:* e-Szigno TSA

                         Hungarian: e-Szigno TSA

Service digital identity: *Subject key identifier:*

5D 2B 84 B2 B0 0D B9 A8 7E 1E 2D 5E 8B 42 43 19 C0 F6 EE 3E

Service digital identity: *Version:*

3

Serial number:

2 252 042 078 499 282 405 171 666 327 745 699 185 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

CN=e-Szigno TSA,OU=e-Szigno CA,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

CN=Microsec e-Szigno Server CA,OU=e-Szigno CA,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

5D 2B 84 B2 B0 0D B9 A8 7E 1E 2D 5E 8B 42 43 19 C0 F6 EE 3E

Authority key identifier:

keyIdentifier:

35 1E A5 87 3A D8 CA 61 22 7C 07 65 C5 8D 18 98 E1 FE 36 6D

authorityCertIssuer:

directoryName: CN=Microsec e-Szigno Root CA, OU=e-Szigno CA, O=Microsec Ltd., L=Budapest, C=HU

authorityCertSerialNumber:

325 118 917 772 567 965 706 968 041 826 069 897 759 (decimal)

Valid from:

2005-04-15T11:12:33.000Z   (15 Apr 2005 13:12:33 CEST)

Valid to:

2015-04-15T11:12:33.000Z   (15 Apr 2015 13:12:33 CEST)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

D8:DB:29:1D:C4:F8:5C:68:77:D3:C9:C3:7E:D6:EE:2C:A2:EF:C1:17

SHA-256:

3D:23:FF:69:54:29:D4:3A:EA:3D:54:E6:7F:94:E6:DB:7D:08:F2:CA:E2:D5:DD:29:82:FE:6D:F6:65:B0:D1:A1

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100A5C3ECE260BBAADC3EAA511E3DD940FB5241B1E6BA991CF4789A4F2FD9BFEC8CD662E35278CD
4A80E37CA0B6D00669C0808F824BC2C8F8D909C3FB5B439604B49C72B8FE247543C459A3B8B3E98C7664C451BFE4E8
47F530A34FF76D8B776B11443DD6479265FF5E0A41D0E0A9CBA181CC1C59C0A742BC8F78CAEFCD687496B68F8C48F0
586A022E222EB3544293D86E37206518BEC394F9CD2C955F1A2C20DD8C079E5DBDE0E711D216E541FD306C9E2E1A5D
6E5DEB9B6877DA3B36383EDEF30270192CABF5FD00F30A28B412F5D107A078A9B451DADBD7D5CF6463D716DE76E720
8DFA14968E767F0A91378D286CFDB6FEDD846533DC24B8527A446FF27A050203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1

cPSuri = http://www.e-szigno.hu/SZSZ/

userNotice = A tanúsítvány értelmezéséhez és elfogadásához a Szolgáltató Szolgáltatási Szabályzata szerint kell eljárni: http://www.e-szigno.hu/SZSZ/

CRL distribution points:

http://www.e-szigno.hu/SCA-Crl

ldap://ldap.e-szigno.hu/CN=Microsec%20e-Szigno%20Server%20CA,OU=e-Szigno%20CA,O=Microsec%20Ltd.,L=Budapest,C=HU?certificateRevocationList;binary

PEM format:

```
-----BEGIN CERTIFICATE-----
MIIHvDCCBqSgAwIBAgIQAbG6Pz4EOuTwyMHypaGdcTANBgkqhkiG9w0BAQUFADB0MQswCQYDVQQG
EwJIVTERMA8GA1UEBxMIQnVkYXBlc3QxFjAUBgNVBAoTDU1pY3Jvc2VjIEx0ZC4xFDASBgNVBAsT
C2UtU3ppZ25vIENBMSQwIgYDVQQDExtNaWNyb3NlYyBlLVN6aWdubyBTZXJ2ZXIgQ0EwHhcNMDUw
NDE1MTExMjMzWhcNMTUwNDE1MTExMjMzWjBlMQswCQYDVQQGEwJIVTERMA8GA1UEBxMIQnVkYXBl
c3QxFjAUBgNVBAoTDU1pY3Jvc2VjIEx0ZC4xFDASBgNVBAsTC2UtU3ppZ25vIENBMRUwEwYDVQQD
EwxlLVN6aWdubyBUU0EwggEiMA0GCSqGSIb3DQEBAQUAA4IBDwAwggEKAoIBAQClw+ziYLuq3D6q
UR492UD7UkGx5rqZHPR4mk8v2b/sjNZi41J4zUqA43ygttAGacCAj4JLwsj42QnD+1tDlgS0nHK4
/iR1Q8RZo7iz6Yx2ZMRRv+ToR/Uwo0/3bYt3axFEPdzHkmX/XgpB0OCpy6GBzBxZwKdCvI94yu/N
aHSWto+MSPBYagIuIi6zVEKT2G43IGUYvsOU+c0slV8aLCDdjAeeXb3g5xHSFuVB/TBsni4aXW5d
65tod9o7Njg+3vMCcBksq/X9APMKKLQS9dEHoHiptFHa29fVz2Rj1xbeducgjfoUlo52fwqRN40o
bP22/t2EZTPcJLhSekRv8noFAgMBAAGjggRXMIIEUzBkBggrBgEFBQcBAQRYMFYwKAYIKwYBBQUH
MAGGHh0dHBzOi8vc2NhLmUtc3ppZ25vLmh1L29jc3AwKgYIKwYBBQUHMAKGHmh0dHA6Ly93d3cu
ZS1zemlnbm8uaHUvU0NBLmNydDCBrAYDVR0jBIGkMIGhgBQlHqWH0tjKYSJ8B2XFjRiY4f42baF2
pHQwcjELMAkGA1UEBhMCSFUxETAPBgNVBAcTCEJ1ZGFwZXN0MRYwFAYDVQQKEw1NaWNyb3NlYyBM
dGQuMRQwEgYDVQQLEwtlLVN6aWdubyBQTEiMCAGA1UEAxMZTWljcm9zZWMgZS1Temlnbm8gUm9v
dCBDQYIRAPSXoDx06jSxxSbLO7yF4h8wDAYDVR0TAQH/BAIwADCCAXMGA1UdIASCAWowggFmMIIB
YgYMKwYBBAGBqBgCAQEBMIIBUDAoBggrBgEFBQcCARYcaHR0cDovL3d3dy5lLXN6aWduby5odS9T
WlNaLzCCASIGCCsGAQUFBwICMIIBFB6CARAAQQAgAHQAYQBuAPoAcwDtAHQAdgDhAG4AeQAgAOkA
cgB0AGUAbABtAGUAegDpAHMA6QBoAGUAegAgAOkAcwAgAGUAbABmAG8AZwBhAGQA4QBzAOEAaABv
AHoAIABhAACAAUwB6AG8AbABnAOEAbABdAOAGEadADzACAAUwB6AG8AbABnAOEAbABdAOAGEAdADhAHMA
aQAgAFMAegBhAGIA4QBsAHkAegBhAHQAYQAgAHMAegBlAHIAIaQBuAHQAIABrAGUAbABsACAAZQBs
AGoA4QByAG4AaQA6ACAAaAB0AHQAcAA6AC8ALwB3AHcAdwAuAGUALQBzAHoAaQBnAG4AbwAuAGgA
dQAvAFMAWgBTAFoALzCBxwYDVR0fBIG/MIG8MIG5oIG2oIGzhh5odHRwOi8vd3d3LmUtc3ppZ25v
Lmh1L1NDQS1DcmyGgZBsZGFwOi8vbGRhcC5lLXN6aWdubby5odS9DTj1NaWNyb3NlYyUyMGUtU3pp
Z25vJTIwU2VydmVyJTIwQ0EsT1U9ZS1Temlnbm8lMjBDQSxPPU1pY3Jvc2VjJTIwTHRkLixMPUJ1
ZGFwZXN0LEM9SFU/Y2VydGlmaWNhdGVSZXZvY2F0aW9uTGlzdDtiaW5hcnkwHwYDVR0lAQH/BAww
CgYIKwYBBQUHAwgwDgYDVR0PAQH/BAQDAgbAMIGlBgNVHREEgZ0wgZqBEGLuZm9AZS1zemlnbm8u
aHWkgYUwgYIxMDAuBgNVBAMMJ2UtU3ppZ27DsyBJZMWRYs0pbHllZ3rDqXMgU3pvbGfDoWx0YXTD
szEWMBQGA1UECwwNZS1TemlnbsOzIEhTWjEWMBQGA1UEChMNTWljcm9zZWMgS2Z0LjERMA8GA1UE
BxMIQnVkYXBlc3QxCzAJBgNVBAYTAkhVMB0GA1UdDgQWBBRdK4SysA25qH4eLV6LQkMZwPbuPjAN
BgkqhkiG9w0BAQUFAAOCAQEAHXdvU/hr89ubPA0jWyLfCds1ziwYJm8pJAf2x4eRN7DpxUJ6jU3x
4UDRK4rmnpflydST/90AIwVXIsBNPxPWonLuab2m8gd/pMg/yGG4wWJqMKcJpYkXCTNNY/ImhFi4
IQ+P8I58pMiHZPSHYlAg4nSJZGzaWXyRB/oBkIw69uoVBMXf+Tuw5RffFxhXqIIeNXN4Qhu4oOUd
rtvrv/q/jdqIDOXUQrJNjhyQGpJiNj9SydWHLM0yP40w1L5FWZGuhuw7qF860eKHfiObTV0hgrVf
47wk+QgkN3GEcmVXrKigGpECXpCHCYCO9KfFQuC55ZHOR8iJt5sfkvoZg9iCYw==
-----END CERTIFICATE-----
```

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/recognisedatnationallevel

For trust services listed under a service type specified in clause 5.5.1.2: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved" status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in Regulation (EU) No 910/2014 and the applicable national legislation.
For NationalRootCA-QC type: The service is set by national law in accordance with the applicable European legislation and operated by the responsible national body issuing root-signing or qualified certificates to accredited trust service providers.
For other trust services listed under a service type specified in clause 5.5.1.3: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved"status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in the applicable national legislation.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: https://tsa.e-szigno.hu/tsa
https://btsa.e-szigno.hu/tsa

2.2.23.1. e-Szigno TSA

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA

> *A time-stamping generation service, not qualified, creating and signing time-stamps tokens.*

Service name:

English: e-Szigno TSA

Hungarian: e-Szigno TSA

Service digital identity: *Subject key identifier:*

5D 2B 84 B2 B0 0D B9 A8 7E 1E 2D 5E 8B 42 43 19 C0 F6 EE 3E

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2005-04-15T11:12:33.000Z   (15 Apr 2005 13:12:33 CEST)

2.2.24. Qualified e-Szigno TSA 2

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 2

Hungarian: Qualified e-Szigno TSA 2

Service digital identity: *Subject key identifier:*

2C F6 A2 E0 7E D7 47 11 41 F4 2C 88 3C 3B 63 34 DC 7C 4C 44

Service digital identity: *Version:*

3

Serial number:

2 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

CN=Qualified e-Szigno TSA 2,OU=e-Szigno CA,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

CN=Microsec e-Szigno Server CA,OU=e-Szigno CA,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

2C F6 A2 E0 7E D7 47 11 41 F4 2C 88 3C 3B 63 34 DC 7C 4C 44

Authority key identifier:

35 1E A5 87 3A D8 CA 61 22 7C 07 65 C5 8D 18 98 E1 FE 36 6D

Valid from:

2008-03-27T10:00:00.000Z   (27 Mar 2008 11:00:00 CET)

Valid to:

2015-04-15T10:00:00.000Z   (15 Apr 2015 12:00:00 CEST)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

8E:25:FC:5A:49:F0:85:58:EF:D0:C3:60:26:C6:4E:3C:42:45:DD:A0

SHA-256:

24:EA:39:DD:F8:71:CB:99:BD:25:1A:8E:21:0B:88:16:56:FA:A3:0F:9F:89:96:B9:40:CB:32:DA:DA:43:56:64

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100B9AD533448D62C70413B9F19D5EDED549A305AE9FD64C63F0D848472408D930C0546A9F77837
17A0A1A4EED2B7C8870E2CD984F07B7288F673AA2208327571559AB87E24ED6B2AAFA8931C353E85D3F0E904CD67F7
53F7CF2C100021BF40030C565643B78E8212EB90B0187DDE88B15E2D75688CEB50267DC969654BE86BA5E5A6FCC182
CCAE6B431BD641C460A9B4785A66472FA404E5972AB8AB5EA533F8F7F81170AC7BABEA24020FA17760B607AFC90180
C9F39BCD9B262BA3C5D82C2B784814D28EF7E020780B46DC13BB7A1D57F849CD707D04E52820A85BA886FC2C5A3B4A
ECE97B1103D5C1B44EA5DF421E5529D1973679E3030756F106B29220FC6D0203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1

cPSuri = http://www.e-szigno.hu/SZSZ/

userNotice = A tanúsítvány értelmezéséhez és elfogadásához a Szolgáltató
Szolgáltatási Szabályzata szerint kell eljárni: http://www.e-szigno.hu/SZSZ/

CRL distribution points:

http://www.e-szigno.hu/SCA.crl

ldap://ldap.e-szigno.hu/CN=Microsec%20e-Szigno%20Server%20CA,OU=e-
Szigno%20CA,O=Microsec%20Ltd.,L=Budapest,C=HU?certificateRevocationList;
binary

PEM format:

-----BEGIN CERTIFICATE-----
MIIHSTCCBjGgAwIBAgIBAjANBgkqhkiG9w0BAQUFADB0MQswCQYDVQQGEwJIVTERMA8GA1UEBxMI
QnVkYXBlc3QxFjAUBgNVBAoTDU1pY3Jvc2VjIEx0ZC4xFDASBgNVBAsTC2UtU3ppZ25vIENBMSQw
IgYDVQQDExtNaWNyb3NlYyBlLVN6aWdubyBTZXJ2ZXIgQ0EwHhcNMDgwMzI3MTAwMDAwWhcNMTUw
NDE1MTAwMDAwWjBxMQswCQYDVQQGEwJIVTERMA8GA1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1p
Y3Jvc2VjIEx0ZC4xFDASBgNVBAsMC2UtU3ppZ25vIENBMSEwHwYDVQQDDBhRdWFsaWZpZWQgZS1T
emlnbm88gVFNBIDIwggEiMA0GCSqGSIb3DQEBAQUAA4IBDwAwggEKAoIBAQC5rVM0SNYscEE7nxnV
7e1UmjBa6f1kxj8NhIRyQI2TDAVGqfd4NxegoaTu0rfIhw4s2YTwe3KI9nOqIggydXFVmrh+JO1r
Kq+okxw1PoXT80kEzWf3U/fPLBAAIb9AAwxWVkO3joIS65CwGH3eiLFeLXVojOtQJn3JaWVL6Gul
5ab8wYLMrmtDG9ZBxGCptHhaZkcvpATllyq4q16lM/j3+BFwrHur6iQCD6F3YLYHr8kBgMnzm82b
Jiujxdgsk3hIFNKO9+AgeAtG3BO7eh1X+EnNcH0E5SggqFuohvwsWjtK70l7EQPVwbROpd9CHlUp
0Zc2eeMDBlbxBrKSIPxtAgMBAAGjggPnMIID4zAMBgNVHRMBAf8EAjAAMA4GA1UdDwEB/wQEAwIG
wDAWBgNVHSUBAf8EDDAKBggrBgEFBQcDCDCCAXMGA1UdIASCAWowggFmMIIBYgYMKwYBBAGBqBgC
AQEBMIIBUDAoBggrBgEFBQcCARYcaHR0cDovL3d3dy5lLXN6aWduby5odS9TWlNaLzCCASIGCCsG
AQUFBwICMIIBFB6CARAAQQAgAHQAYQBuAPoAcwDtAHQAdgDhAG4AeQAgAOkAcgB0AGUAbABtAGUA
egDpAHMA6QBoAGUAegAgAOkAcwAgAGUAbABmAG8AZwBhAGQA4QBzAOEAaABvAHoAIABhACAAUwB6
AG8AbABnAOEAbAB0AGEAdADzACAAUwB6AG8AbABnAOEAbABtAGEAdADhAHMAaQAgAFMAegBhAGIA
4QBsAHkAegBhAHQAYQAgAHMAegBlAHIAaQBuAHQAIABrAGUAbABsACAAZQBsAGoA4QByAG4AaQA6
ACAAaAB0AHQAcAA6AC8ALwB3AHcAdwAuAGUALQBzAHoAaQBnAG4AbwAuAGgAdQAvAFMAWgBTAFoA
LzAdBgNVHQ4EFgQULPai4H7XRxFB9CyIPDtjNNx8TEQwHwYDVR0jBBgwFoAUNR6lhzrYymEifAdl
xY0YmOH+Nm0wgb0GA1UdEQSBtTCBsoEQaW5mb0BlLXN6aWduby5odaSBnTCBmjFIMEYGA1UEAww/
TWljcm9zZWMgZS1Temlnbs0zIE1pbsWRc8OtdGV0dCBJZMWRYsOpbHllZ3rDqXMgU3pvbGfDoWx0
YXTDsyAyMRYwFAYDVQQLDA1lLVN6aWduw7MgSFNaMRYwFAYDVQQKEw1NaWNyb3NlYyBLZnQuMREw
DwYDVQQHEwhCdWRhcGVzdDELMAkGA1UEBhMCSFUwgc0GA1UdHwSBxTCBwjAkoCKgIIYeaHR0cDov
L3d3dy5lLXN6aWduby5odS9TQ0EuY3JsMIGZoIGWoIGThoGQbGRhcDovL2xkYXAuZS1zemlnbm8u
aHUvQ049TWljcm9zZWMlMjBlLVN6aWdubyUyMFNlcnZlciUyMENBLE9VPWUtU3ppZ25vJTIwQ0Es
TzlNaWNyb3NlYyUyMEx0ZC4sTD1CdWRhcGVzdCxDPUhVP2NlcnRpZmljYXRlUmV2b2NhdGlvbkxp
c3Q7YmluYXJ5MGQGCCsGAQUFBwEBBFgwVjAnBggrBgEFBQcwAYYbaHR0cHM6Ly9jY55lLXN6aWdu
by5odS9vY3NwMCsGCCsGAQUFBzAChh9odHRwOi8vd3d3LmUtc3ppZ25vLmh1L01TQ0EuY3J0MA0G
CSqGSIb3DQEBBQUAA4IBAQAGfDCEZXOtlJXVFTszXNPal0en/DshJ/RRteDTXDn1bDsg82mtvShD
5slsrAgMb56yRQTaMQM7D9MDUcJJdlSPUFnVsIwHlYWoP//NnsXbrtFpGALybxReTDgORpusfvhn
fG3fB88yaZWYZi7uTQXPyhZ2Dj+qxQRXDg5am5quTpVxGa7kHF+UVVDdNjJE/qFtt4VkMw2GOPR8
IeStRAdMqxllGKHDBiMg3SNrGBbBU0ye9Q8s8KbPD9WYHjylVp9dI8e2N30yyaUmXe60K5QS2rbi
UaxqkcPrXn4KyFf04ik+YccdJCFeKhrHmkcSULFClJv3jdmXjbPfV0lEbzGm
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

> *In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.*

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points:

https://tsa.e-szigno.hu/tsa

https://btsa.e-szigno.hu/tsa

2.2.24.1. Qualified e-Szigno TSA 2

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name: *English:* Qualified e-Szigno TSA 2

Hungarian: Qualified e-Szigno TSA 2

Service digital identity: *Subject key identifier:*

2C F6 A2 E0 7E D7 47 11 41 F4 2C 88 3C 3B 63 34 DC 7C 4C 44

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2008-03-27T10:00:00.000Z   (27 Mar 2008 11:00:00 CET)

2.2.25. Qualified e-Szigno TSA 3

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 3

Hungarian: Qualified e-Szigno TSA 3

Service digital identity: *Subject key identifier:*

67 8B 42 50 A2 EF 58 D6 23 64 8A 64 E6 2F 5D EB 65 B1 9B BA

Service digital identity: *Version:*

3

Serial number:

5 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

CN=Qualified e-Szigno TSA 3,OU=e-Szigno CA,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

CN=Microsec e-Szigno Server CA,OU=e-Szigno CA,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

67 8B 42 50 A2 EF 58 D6 23 64 8A 64 E6 2F 5D EB 65 B1 9B BA

Authority key identifier:

35 1E A5 87 3A D8 CA 61 22 7C 07 65 C5 8D 18 98 E1 FE 36 6D

Valid from:

2009-03-12T10:40:45.000Z   (12 Mar 2009 11:40:45 CET)

Valid to:

2015-03-12T10:40:45.000Z   (12 Mar 2015 11:40:45 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

53:04:E0:F3:7D:0D:35:22:F4:B3:12:FF:31:DF:7B:D9:BC:5A:86:06

SHA-256:

8F:86:D4:13:68:F1:86:67:D9:46:8A:DD:0C:48:28:2A:B9:82:CE:22:8F:97:44:0B:89:F2:A1:08:FE:EE:A0:78

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100098FA2028AC1343A273A2F9E1D89C58598DF0A93FCA71A25E261809B8027953B716CAA130412A
E073758CC93B72292F14D9FF3A7C1FC9D1C7747A7AD1861EE1A5FA6205BDDD96EC62513CB7F6908FBDD7C46D8A8823
713B1E26EE2531B5D50E5DADCC7FF973A3B2EB3870805F7DC2E0B344562D3555ADCA484E7DD6D74E275AF314AB886B
8394241C1E973631A80160A31DFD2A20182CFEE638DA7913BC5165AC1856D78AC5D60121DA34267FFFBB13F4E208BC
CE95C6EC02993EF9AE9A636A840EE7AABB57A51194307B175C408CC1A4F01D6C3313C1F21C3B934E5594E0EA775BC8
88B2919349158484DBD830616D3FC283E0CDE20274678A14E6B51CAA10850203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1

cPSuri = http://www.e-szigno.hu/SZSZ/

userNotice = A tanúsítvány értelmezéséhez és elfogadásához a Szolgáltató
Szolgáltatási Szabályzata szerint kell eljárni: http://www.e-szigno.hu/SZSZ/

CRL distribution points:

http://www.e-szigno.hu/SCA.crl

ldap://ldap.e-szigno.hu/CN=Microsec%20e-Szigno%20Server%20CA,OU=e-
Szigno%20CA,O=Microsec%20Ltd.,L=Budapest,C=HU?certificateRevocationList;
binary

PEM format:

-----BEGIN CERTIFICATE-----
MIIHSTCCBjGgAwIBAgIBBTANBgkqhkiG9w0BAQUFADB0MQswCQYDVQQGEwJIVTERMA8GA1UEBxMI
QnVkYXBlc3QxFjAUBgNVBAoTDU1pY3Jvc2VjIEx0ZC4xFDASBgNVBAsTC2UtU3ppZ25vIENBMSQw
IgYDVQQDExtNaWNyb3NlYyBlLVN6aWdubyBTZXJ2ZXIgQ0EwHhcNMDkwMzEyMTA0MDQ1WhcNMTUw
MzEyMTA0MDQ1WjBxMQswCQYDVQQGEwJIVTERMA8GA1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1p
Y3Jvc2VjIEx0ZC4xFDASBgNVBAsMC2UtU3ppZ25vIENBMSEwHwYDVQQDDBhRdWFsaWZpZWQgZS1T
emlnbm88gVFNBIDMwggEiMA0GCSqGSIb3DQEBAQUAA4IBDwAwggEKAoIBAQCY+iAorBNDonOi+eHY
nFhZjfCpP8pxol4mGAm4AnlTtxbKoTBBKuBzdYzJO3IpLxTZ/zp8H8nRx3R6etGGHuGl+mIFvd2W
7GJRPLf2kI+918RtiogjcTseJu4lMbXVDl2tzH/5c6Oy6zhwgF99wuCzRFYtNVWtykh0fdbXTida
8xSriGuDlCQcHpc2MagBYKMd/SogGCz+5jjaeRO8UWWsGFbXisXWASHaNCZ//7sT90IIvM6VxuwC
mT75rppjaoQO56q7V6URlDB7F1xAjMGk8Bl1sMxPB8hw7k05VlODqd1vIiLKRk0kVhITb2DBhbT/C
g+DN4gJ0Z4oU5rUcqhCFAgMBAAGjggPnMIID4zAMBgNVHRMBAf8EAjAAMA4GA1UdDwEB/wQEAwIG
wDAWBgNVHSUBAf8EDDAKBggrBgEFBQcDCDCCAXMGA1UdIASCAWowggFmMIIBYgYMKwYBBAGBqBgC
AQEBMIIBUDAoBggrBgEFBQcCARYcaHR0cDovL3d3dy5lLXN6aWdub5odby5odS9TWlNaLzCCASIGCCsG
AQUFBwICMIIBFB6CARAAQQAgAHQAYQBuAPoAcwDtAHQAdgDhAG4AeQAgAOAcgB0AGUAbABtAGUA
egDpAHMA6QBoAGUAegAgAOkAcwAgAGUAbABmAG8AZwBhAGQA4QBzAOEAaABvAHoAIABhACAAUwB6
AG8AbABnAOEAbAB0AGAEadADzACAAUwB6AG8AbABnAOEAbAB0AGAEadADhAHMAaQAgAFMAegBhAGIA
4QBsAHkAegBhAHQAYQAgAHMAegBlAHIAaQBuAHQAIABrAGUAbABsACAAZQBsAGoA4QByAG4AaQA6
ACAAaAB0AHQAcAA6AC8ALwB3AHcAdwAuAGUALQBzAHoAaQBnAG4AbwAuAGgAdQAvAFMAWgBTAFoA
LzAdBgNVHQ4EFgQUZ4tCUKLvWNYjZIpk5i9d62Wxm7owHwYDVR0jBBgwFoAUNR6lhzrYymEifAdl
xY0YmOH+Nm0wgb0GA1UdEQSBtTCBsoEQaW5mb0BlLXN6aWduby5odaSBnTCBmjFIMEYGA1UEAww/
TWljcm9zZWMgZS1TemlnbsOzIE1pbsWRc80tdGV0dCBJZMWRYs0pbHllZ3rDqXMgU3pvbGfDoWx0
YXTDsyAzMRYwFAYDVQQLDA1lLVN6aWduw7MgSFNaMRYwFAYDVQQKEw1NaWNyb3NlYyBLZnQuMREw
DwYDVQQHEwhCdWRhcGVzdDELMAkGA1UEBhMCSFUwgc0GA1UdHwSBxTCBwjAkoCKgIIYeaHR0cDov
L3d3dy5lLXN6aWduby5odS9TQ0EuY3JsMIGZoIGWoIGThoGQbGRhcDovL2xkYXAuZS1zemlnbm8u
aHUvQ049TWljcm9zZWMlMjBlLVN6aWdubyUyMFNlcnZlciUyMENBLE9VPWUtU3ppZ25vJTIwQ0Es
Tz1NaWNyb3NlYyUyMEx0ZC4sTD1CdWRhcGVzdCxDPUhVP2NlcnRpZmljYXRlUmV2b2NhdGlvbkxp
c3Q7YmluYXJ5MGQGCCsGAQUFBwEBBFgwVjAnBggrBgEFBQcwAYYbaHR0cHM6Ly9jYS5lLXN6aWdu
by5odS9vY3NwMCsGCCsGAQUFBzAChh9odHRwOi8vd3d3LmUtc3ppZ25vLmh1L01TQ0EuY3JOMA0G
CSqGSIb3DQEBBQUAA4IBAQANbJ8j7/D+hTFmGi9sKEuiwDVifTmaMVp6BBXJMKn7pEJDd57kZLeN
3hG4Tw6bdVhesVKuzKGas5wVHEIH8Gc0gXrrhOQWLETjtiglBQEDVVlGrQTzX2U0KnFHvQmBBk3u
gvrXubNPNK6l1j+sPO6CLX1tgtDgsuM9phyYDYmAe9dfrhUlhY+P1+eXpkZC/nJao2xVoDpNim0x
3goLtq2BJuIIJut88QcF4IyNB8LbzUe9rCBb07GrP7tsFKq59BoxAHJHY/RbiPk139JSuLELvJCF
Ll4U2KtpKONcdStjikd0onaE6oa9VPGstIhHVdkvpfgZx/Zrkjlx1ve0kslP
-----END CERTIFICATE-----

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: https://tsa.e-szigno.hu/tsa

https://btsa.e-szigno.hu/tsa

2.2.25.1. Qualified e-Szigno TSA 3

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name: *English:* Qualified e-Szigno TSA 3

Hungarian: Qualified e-Szigno TSA 3

Service digital identity: *Subject key identifier:*

67 8B 42 50 A2 EF 58 D6 23 64 8A 64 E6 2F 5D EB 65 B1 9B BA

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2009-03-12T10:40:45.000Z   (12 Mar 2009 11:40:45 CET)

2.2.26. Qualified e-Szigno TSA 4

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 4

Hungarian: Qualified e-Szigno TSA 4

Service digital identity: *Subject key identifier:*

FE F8 59 58 98 A7 B4 57 30 B7 88 4C 3F 04 4A D0 C0 AD 57 66

Service digital identity: *Version:*

3

Serial number:

8 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

CN=Qualified e-Szigno TSA 4,OU=e-Szigno CA,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

CN=Microsec e-Szigno Server CA,OU=e-Szigno CA,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

FE F8 59 58 98 A7 B4 57 30 B7 88 4C 3F 04 4A D0 C0 AD 57 66

Authority key identifier:

35 1E A5 87 3A D8 CA 61 22 7C 07 65 C5 8D 18 98 E1 FE 36 6D

Valid from:

2009-03-23T17:46:24.000Z   (23 Mar 2009 18:46:24 CET)

Valid to:

2015-03-23T17:46:24.000Z   (23 Mar 2015 18:46:24 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

2D:9A:83:59:21:B0:34:28:CB:CD:9B:B2:CD:CD:BA:EA:8B:70:4C:F6

SHA-256:

CA:E1:37:DC:46:B9:E6:47:57:B0:48:07:75:26:41:A4:5F:EE:68:5A:A4:6E:61:60:BA:25:F7:71:52:E1:68:CF

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A02820101008CE9312B02A9B6C72DC7059F81E3836CFF3B3B33C11C0BF52E682B6547717CC8C96456AE352A
3FFF312B5FFC995DB386EE38D2B2E756CBF9B4A52C0BD991A0F216BEDF08BC2184826D8BA7AC644DC476E06F5EC809
D1EE3A5753B00F58FFD7EFFBC0A2F2A55EB919D9B94195727A5AB74ADD221395C5E269D648DE47B7748DD2869191C8
124D0CFD71028751DDA9951E1A55F68CE13D5DE543DA954247E7AFCD670254F9A124DFF87F11A612E998CDE854080D
DB9018C3E901BD111C3B4506923079C4BD9F532F4D145CC32B6EFDD906DF20F71718D9CEE03B019269FDE13A78F095
4FEA1861544419222AE914EB7141E1B9598233B60AA244C9E30D19E6D0890203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1

cPSuri = http://www.e-szigno.hu/SZSZ/

userNotice = A tanúsítvány értelmezéséhez és elfogadásához a Szolgáltató
Szolgáltatási Szabályzata szerint kell eljárni: http://www.e-szigno.hu/SZSZ/

CRL distribution points:

http://www.e-szigno.hu/SCA.crl

ldap://ldap.e-szigno.hu/CN=Microsec%20e-Szigno%20Server%20CA,OU=e-
Szigno%20CA,O=Microsec%20Ltd.,L=Budapest,C=HU?certificateRevocationList;
binary

PEM format:

-----BEGIN CERTIFICATE-----
MIIHSTCCBjGgAwIBAgIBCDANBgkqhkiG9w0BAQUFADB0MQswCQYDVQQGEwJIVTERMA8GA1UEBxMI
QnVkYXBlc3QxFjAUBgNVBAoTDU1pY3Jvc2VjIEx0ZC4xFDASBgNVBAsTC2UtU3ppZ25vIENBMSQw
IgYDVQQDExtNaWNyb3NlYyBlLVN6aWdubyBTZXJ2ZXIgQ0EwHhcNMDkwMzIzMTc0NjI0WhcNMTUw
MzIzMTc0NjI0WjBxMQswCQYDVQQGEwJIVTERMA8GA1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1p
Y3Jvc2VjIEx0ZC4xFDASBgNVBAsMC2UtU3ppZ25vIENBMSEwHwYDVQQDDBhRdWFsaWZpZWQgZS1T
emlnbm88gVFNBIDQwggEiMA0GCSqGSIb3DQEBAQUAA4IBDwAwggEKAoIBAQCM6TErAqm2xy3HBZ+B
44Ns/zs7M8EcC/UuaCtlR3F8yMlkVq41Kj//MStf/Jlds4bu0NKy51bL+bSlLAvZkaDyFr7fCLwh
hIJti6esZE3EduBvXsgJ0e46V1OwD1j/1+/7wKLypV65Gdm5QZVyelq3St0iE5XF4mnWSN5Ht3SN
0oaRkcgSTQz9cQKHUd2plR4aVfaM4T1d5UPalUJH56/NZwJU+aEk3/h/EaYS6ZjN6FQIDduQGMPp
Ab0RHDtFBpIwecS9n1MvTRRcwytu/dkG3yD3FxjZzuA7AZJp/eE6ePCVT+oYYVREGSIq6RTrcUHh
uVmCM7YKokTJ4w0Z5tCJAgMBAAGjggPnMIID4zAMBgNVHRMBAf8EAjAAMA4GA1UdDwEB/wQEAwIG
wDAWBgNVHSUBAf8EDDAKBggrBgEFBQcDCDCCAXMGA1UdIASCAWowggFmMIIBYgYMKwYBBAGBqBgC
AQEBMIIBUDAoBggrBgEFBQcCARYcaHR0cDovL3d3dy5lLXN6aWdub3suaHUvU3phL1NaU3ovMA0G
AQUFBwICMIIBFB6CARAAQQAgAHQAYQBuAPoAcwDtAHQAdgDhAG4AeQAgAOkAcgB0AGUAbABtAGUA
egDpAHMA6QBoAGUAegAgAOkAcwAgAGUAbABmAG8AZwBhAGQA4QBzAOEAaABvAHoAIABhACAAUwB6
AG8AbABnAGEAbAB0AGAGEAdADzACAAUwB6AG8AbABnAGEAdADhAHMAaQAgAFMAegBhAGIA
4QBsAHkAegBhAHQAYQAgAHMAegBlAHIAaQBuAHQAIABrAGUAbABsACAAZQBsAGoA4QByAG4AaQA6
ACAAaAB0AHQAcAA6AC8ALwB3AHcAdwAuAGUALQBzAHoAaQBnAG4AbwAuAGgAdQAvAFMAWgBTAFoA
LzAdBgNVHQ4EFgQU/vhZWJintFcwt4hMPwRK0MCtV2YwHwYDVR0jBBgwFoAUNR6lhzrYymEifAdl
xY0YmOH+Nm0wgb0GA1UdEQSBtTCBsoEQaW5mb0BlLXN6aWduby5odaSBnTCBmjFIMEYGA1UEAww/
TWljcm9zZWMgZS1Temlnbs0zIE1pbsWRc80tdGV0dCBJZMWRYsOpbHllZ3rDqXMgU3pvbGfDoWx0
YXTDsyA0MRYwFAYDVQQLDA1lLVN6aWduw7MgSFNaMRYwFAYDVQQKEw1NaWNyb3NlYyBLZnQuMREw
DwYDVQQHEwhCdWRhcGVzdDELMAkGA1UEBhMCSFUwgc0GA1UdHwSBxTCBwjAkoCKgIIYeaHR0cDov
L3d3dy5lLXN6aWduby5odS9TQ0EuY3JsMIGZoIGWoIGThoGQbGRhcDovL2xkYXAuZS1zemlnbm8u
aHUvQ049TWljcm9zZWMlMjBlLVN6aWdubyUyMFNlcnZlciUyMENBLE9VPWUtU3ppZ25vJTIwQ0Es
TzlNaWNyb3NlYyUyMEx0ZC4sTD1CdWRhcGVzdCxDPUhVP2NlcnRpZmljYXRlUmV2b2NhdGlvbkxp
c3Q7YmluYXJ5MGQGCCsGAQUFBwEBBFgwVjAnBggrBgEFBQcwAYYbaHR0cHM6Ly9jY55lLXN6aWdu
by5odS9vY3NwMCsGCCsGAQUFBzAChh9odHRwOi8vd3d3LmUtc3ppZ25vLmh1L01TQ0EuY3J0MA0G
CSqGSIb3DQEBBQUAA4IBAQARSgA8vHBAyVn0vhFoXMjyY+lQ39UIsf1bHhswqRwNWQyYxJDR1lsL
mhh/aCzKjpzQDeOys6Wj4korEChwANGIIeXqiM6fh7siehsUv5nZ5gzD/J/KFUFlWeqhh0mylkc2
C5fD41kN+6YtzfmrPoDbc4nbJqQhqoBnq91Gf616mIywJYpItBOoa3eBAFRO3mOTiVvklc2CanAS
RckUUcn+ektBh/u8slOvGNwg4d8N4Yw5GJjoiGbi3yFiFyMZTNmxNcJxGujoRX0v4w9punkPBTAD
sdu0IeaVuT+pFhodRUibNESdUic/nF95vVhSF0kXiCyhedqKv/sRrS1ktuu
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

> *In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.*

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: https://tsa.e-szigno.hu/tsa

https://btsa.e-szigno.hu/tsa

2.2.26.1. Qualified e-Szigno TSA 4

Provider: 2
Service: 26
History: 1/1

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 4

Hungarian: Qualified e-Szigno TSA 4

Service digital identity: *Subject key identifier:*

FE F8 59 58 98 A7 B4 57 30 B7 88 4C 3F 04 4A D0 C0 AD 57 66

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2009-03-23T17:46:24.000Z   (23 Mar 2009 18:46:24 CET)

2.2.27. Qualified e-Szigno TSA 5

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 5

Hungarian: Qualified e-Szigno TSA 5

Service digital identity: *Subject key identifier:*

10 68 D4 70 04 F4 10 CC 98 A0 B9 47 34 7E AC AC 48 89 5A 2D

Service digital identity: *Version:*

3

Serial number:

9 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

CN=Qualified e-Szigno TSA 5,OU=e-Szigno CA,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

CN=Microsec e-Szigno Server CA,OU=e-Szigno CA,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

10 68 D4 70 04 F4 10 CC 98 A0 B9 47 34 7E AC AC 48 89 5A 2D

Authority key identifier:

35 1E A5 87 3A D8 CA 61 22 7C 07 65 C5 8D 18 98 E1 FE 36 6D

Valid from:

2009-04-10T14:57:27.000Z   (10 Apr 2009 16:57:27 CEST)

Valid to:

2015-04-10T14:57:27.000Z   (10 Apr 2015 16:57:27 CEST)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

E9:6F:66:A1:1E:E3:97:DA:A6:75:FF:9A:3C:07:94:8C:34:1A:38:18

SHA-256:

B9:3F:A6:66:F2:84:EB:FC:7B:53:36:69:1B:EB:1E:B7:48:92:11:D3:EA:89:C5:13:5F:F5:1E:35:38:DE:E5:87

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100E06E0A0A4A68ABC92CD1DB94CCE16F9203C8BF0253EEEA4543C510369B41FEF2821CA74E5AA2
6F31E9359A2464B370B1C95ECDD7703FC4070B4E682783F3CA1B3500DDA1E37D4F5DEBA338E5DAE141A1A2057F7B50
467B6E43F10B3F8A8B0D64ED03333B18A851EB6812CDB0E18669AEA9272FAE4E9996E5B7867B7D94D6F5032456E2E4
F5C6495934D1F83BE4F6AEA3344D4E05849BC3CB67E80FD86030F1F89A2E15E2EE934F8B9A68A2D05ED3E996E24377
4F54254CE1FE0931F9F6335E80A942951E0A49AC3F827ECD70860B3A231C226BB00D55FDB4F73464F56714D4BD63B5
179B04BFAC36B148596EC6B08897A8BDFCF07B5869D3DB22B220FF6F26C50203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1

cPSuri = http://www.e-szigno.hu/SZSZ/

userNotice = A tanúsítvány értelmezéséhez és elfogadásához a Szolgáltató
Szolgáltatási Szabályzata szerint kell eljárni: http://www.e-szigno.hu/SZSZ/

CRL distribution points:

http://www.e-szigno.hu/SCA.crl

ldap://ldap.e-szigno.hu/CN=Microsec%20e-Szigno%20Server%20CA,OU=e-
Szigno%20CA,O=Microsec%20Ltd.,L=Budapest,C=HU?certificateRevocationList;
binary

PEM format:

-----BEGIN CERTIFICATE-----
MIIHSTCCBjGgAwIBAgIBCTANBgkqhkiG9w0BAQUFADB0MQswCQYDVQQGEwJIVTERMA8GA1UEBxMI
QnVkYXBlc3QxFjAUBgNVBAoTDU1pY3Jvc2VjIEx0ZC4xFDASBgNVBAsTC2UtU3ppZ25vIENBMSQw
IgYDVQQDExtNaWNyb3NlYyBlLVN6aWdubyBTZXJ2ZXIgQ0EwHhcNMDkwNDEwMTQ1NzI3WhcNMTUw
NDEwMTQ1NzI3WjBxMQswCQYDVQQGEwJIVTERMA8GA1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1p
Y3Jvc2VjIEx0ZC4xFDASBgNVBAsMC2UtU3ppZ25vIENBMSEwHwYDVQQDDBhRdWFsaWZpZWQgZS1T
emlnbm8gVFNBIDUwggEiMA0GCSqGSIb3DQEBAQUAA4IBDwAwggEKAoIBAQDgbgoKSmirySzR25TM
4W+SA8i/AlPu6kVDxRA2m0H+8oIcp05aom8x6TWaJGSzcLHJXs3XcD/EBwt0aCeD88obNQDdoeN9
T13rozjl2uFBoaIFf3tQRntuQ/ELP4qLDWTtAzM7GKhR62gSzbDhhmmuqScvrk6ZluW3hnt9lNb1
AyRW4uT1xklZNNH4O+T2rqM0TU4FhJvDy2foD9hgMPH4mi4V4u6TT4uaaKLQXtPpluJDd09UJUzh
/gkx+fYzXoCpQpUeCkmsP4J+zXCGCzojHCJrsA1V/bT3NGT1ZxTUvWO1F5sEv6w2sUhZbsawiJeo
vfzwelhp09sisiD/bybFAgMBAAGjggPnMIID4zAMBgNVHRMBAf8EAjAAMA4GA1UdDwEB/wQEAwIG
wDAWBgNVHSUBAf8EDDAKBggrBgEFBQcDCDCCAXMGA1UdIASCAWowggFmMIIBYgYMKwYBBAGBqBgC
AQEBMIIBUDAoBggrBgEFBQcCARYcaHR0cDovL3d3dy5lLXN6aWdub5odby5odS9TWlNaLzCCASIGCCsG
AQUFBwICMIIBFB6CARAAQQAgAHQAYQBuAPoAcwDtAHQAdgDhAG4AeQAgAOkAcgB0AGUAbABtAGUA
egDpAHMA6QBoAGUAegAgAOkAcwAgAGUAbABmAG8AZwBhAGQA4QBzAOEAaABvAHoAIABhACAAUwB6
AG8AbABnAOEAbAB0AGEAdADzACAAUwB6AG8AbABnAOEAbAB0AGEAdAHhAMAaQAgAFMAegBhAGIA
4QBsAHkAegBhAHQAYQAgAHMAegBlAHIAaQBuAHQAIABrAGUAbABsACAAZQBsAGoA4QByAG4AaQA6
ACAAaAB0AHQAcAA6AC8ALwB3AHcAdwAuAGUALQBzAHoAaQBnAG4AbwAuAGgAdQAvAFMAWgBTAFoA
LzAdBgNVHQ4EFgQUEGjUcAT0EMyYoLlHNH6srEiJWi0wHwYDVR0jBBgwFoAUNR6lhzrYymEifAdl
xY0YmOH+Nm0wgb0GA1UdEQSBtTCBsoEQaW5mb0BlLXN6aWdubY5odaSBnTCBmjFIMEYGA1UEAww/
TWljcm9zZWMgZS1TemlnbsOzIE1pbsWRc8OtdGV0dCBJZMWRYsOpbHllZ3rDqXMgU3pvbGfDoWx0
YXTDsyA1MRYwFAYDVQQLDA11LVN6aWdubw7MgSFNaMRYwFAYDVQQKEw1NaWNyb3NlYyBLZnQuMREw
DwYDVQQHEwhCdWRhcGVzdDELMAkGA1UEBhMCSFUwgc0GA1UdHwSBxTCBwjAkoCKgIIYeaHR0cDov
L3d3dy5lLXN6aWdubY5odS9TQ0EuY3JsMIGZoIGWoIGThoGQbGRhcDovL2xkYXAuZS1zemlnbm8u
aHUvQ049TWljcm9zZWMlMjBlLVN6aWdubyUyMFNlcnZlciUyMENBLE9VPWUtU3ppZ25vJTIwQ0Es
Tz1NaWNyb3NlYyUyMEx0ZC4sTD1CdWRhcGVzdCxDPUhVP2NlcnRpZmljYXRlUmV2b2NhdGlvbkxp
c3Q7YmluYXJ5MGQGCCsGAQUFBwEBBFgwVjAnBggrBgEFBQcwAYYbaHR0cHM6Ly9jY55lLXN6aWdu
by5odS9vY3NwMCsGCCsGAQUFBzAChh9odHRwOi8vd3d3LmUtc3ppZ25vLmh1L01TQ0EuY3J0MA0G
CSqGSIb3DQEBBQUAA4IBAQCBo7S7TlyZl7PdYsfDK/DlDDcve3kqR7sNE/4QlnBSVBpm77Fqedzo
JmXajm/t7m5vZslAmsijr7gVRAZ/wcutv7U6zDglDavXeS51fRp6aaBgGUmV/jBElD0Goh7TMY1+
wTOvBdCfAHHV/6hKTVmd6rUjI897hsMUgma9wcN7geVMfGDA8KeACmy7ImJpG6WfLhmtt/eqm0xc
xH0Y2W0g8HVgTucM24xPm+HuxW4Ul247zQKy+9F7pOMBQzy+tXYpFs+dqJ/nIamJ6pd//JXRRGM2
qYRZrCjofebPWVdktJPJN3j+lgtobxJskxcCtXagSNxkmoDohAplCNTq9XY0
-----END CERTIFICATE-----

Service status:	http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time:	2016-06-30T22:00:00.000Z (01 Jul 2016 00:00:00 CEST)
Service supply points:	https://tsa.e-szigno.hu/tsa
	https://btsa.e-szigno.hu/tsa

2.2.27.1. Qualified e-Szigno TSA 5

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 5

Hungarian: Qualified e-Szigno TSA 5

Service digital identity: *Subject key identifier:*

10 68 D4 70 04 F4 10 CC 98 A0 B9 47 34 7E AC AC 48 89 5A 2D

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2009-04-10T14:57:27.000Z   (10 Apr 2009 16:57:27 CEST)

2.2.28. Qualified e-Szigno TSA 2009 01

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 2009 01

Hungarian: Qualified e-Szigno TSA 2009 01

Service digital identity:

Subject key identifier:

5C FD E4 E1 26 62 88 47 CF 46 BA 45 FA 62 89 15 92 CF 3C AA

Service digital identity:

Version:

3

Serial number:

16 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2009 01,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

5C FD E4 E1 26 62 88 47 CF 46 BA 45 FA 62 89 15 92 CF 3C AA

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2009-06-17T09:04:27.000Z   (17 Jun 2009 11:04:27 CEST)

Valid to:

2021-06-17T09:04:27.000Z   (17 Jun 2021 11:04:27 CEST)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

DB:80:74:93:B0:E6:C5:84:96:33:55:32:54:89:54:0A:E5:DC:7F:BB

SHA-256:

0A:28:DC:AD:AC:0F:62:72:12:C1:20:E0:9C:81:5E:FC:34:FB:29:F1:00:AD:89:0D:B5:77:E1:0C:FD:B5:0E:97

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100C0D35067D32AB1D4F982442653B974B5287B065340A25CEBA10EE704BF4F14917FA6DBD5A9A2
9C2675901512E329F523D836A9A596CAE61E8E094806D8941B513278C53B86EB1223B4628431DAFA60DBA16747B269
3B0583E254117F0A923A935BBB1D20B7C682E3D77DFC09F85119AB99426E9788942D5262709C26541CDFB0A951793F
1B302A3E1BC08DBEA5F008575F8A54DF4613544BB15E698F4EFED9ED4CC0E1ACECF36E91F2BB7D44E2C2A618B9B7FA
93D334A063E6E9B0DE70A520266CC55E5EFE06960B4CB0C16DCFAAA5E26E60A24B4A5CA1BFA40B2DB834F12FE252C3
E56F90F3E2C24A0DD6D2C877C08F6BD31E0065A3C6AA760622AA5CED35BD0203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.5.1

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIFCTCCA/GgAwIBAgIBEDANBgkqhkiG9w0BAQsFADCBgjELMAkGA1UEBhMCSFUxETAPBgNVBAcM
CEJ1ZGFwZXN0MRYwFAYDVQQKDA1NaWNyb3NlYyBMdGQuMScwJQYDVQQDDB5NaWNyb3NlYyBlLVN6
aWdubyBSb290IENBIDIwMDkxHzAdBgkqhkiG9w0BCQEWEGluZm9AZS1zemlnbm8uaHUwHhcNMDkw
NjE3MDkwNDI3WhcNMjEwNjE3MDkwNDI3WjCBgjELMAkGA1UEBhMCSFUxETAPBgNVBAcMCEJ1ZGFw
ZXN0MRYwFAYDVQQKDA1NaWNyb3NlYyBMdGQuMScwJQYDVQQDDB5RdWFsaWZpZWQgZS1Temlnbm8g
VFNBIDIwMDkgMDExHzAdBgkqhkiG9w0BCQEWEGluZm9AZS1zemlnbm8uaHUwggEiMA0GCSqGSIb3
DQEBAQUAA4IBDwAwggEKAoIBAQDA01Bn0yqx1PmCRCZTuXS1KHsGU0CiXOuhDucEv08UkX+m29Wp
opwmdZAVEuMp9SPYNqmllsrmHo4JSAbYlBtRMnjFO4brEiO0YoQx2vpg26FnR7JpOwWD4lQRfwqS
OpNbux0gt8aC49d9/An4URmrmUJul4iULVJicJwmVBzfsKlReT8bMCo+G8CNvqXwCFdfilTfRhNU
S7FeaY9O/tntTMDhrOzzbpHyu31E4sKmGLm3+pPTNKBj5umw3nClICZsxV5e/gaWC0ywwW3PqqXi
bmCiS0pcob+kCy24NPEv4lLD5W+Q8+LCSg3W0sh3wI9r0x4AZaPGqnYGIqpc7TW9AgMBAAGjggGG
MIIBgjAMBgNVHRMBAf8EAjAAMA4GA1UdDwEB/wQEAwIGwDAWBgNVHSUBAf8EDDAKBggrBgEFBQcD
CDBFBgNVHSAEPjA8MDoGDisGAQQBgagYAgEBAQUBMCgwJgYIKwYBBQUHAgEWGmh0dHA6Ly9jcC5l
LXN6aWdub.5odS9xY3BzMB0GA1UdDgQWBBRc/eThJmKIR89GukXK6YokVks88qjAfBgNVHSMEGDAW
gBTLD8bfQkPMPcu1SCOhGnqmKrs0aDAbBgNVHREEFDASgRBpbmZvQGUtc3ppZ25vLmh1MDYGA1Ud
HwQvMC0wK6ApoCeGJWh0dHA6Ly9jcmwuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5jcmwwbgYIKwYB
BQUHAQEEYjBgMCsGCCsGAQUFBzABhh9odHRwOi8vcm9vdG9jc3AyMDA5LmUtc3ppZ25vLmh1MDEG
CCsGAQUFBzAChiVodHRwOi8vd3d3LmUtc3ppZ25vLmh1L3Jvb3RjYTIwMDkuY3J0MA0GCSqGSIb3
DQEBCwUAA4IBAQB/NgkgqqhiuG4x54elHSiUbvIsrs92gCm8jOLkqC/w23IwpMjd8h4d7ZKpk4UM
+9VZUWzFOv7SyQ2QAe0tKY1fCczZpL7EHZkm9XQ3CAhNXOqkc/F2zxskrfsxVJZ1po7ZdJq2bFAv
0Ah5pPGjbSA6gsG412bks2XnN0I0EN0ZtxiJEKnRZVbZzQxvFOMiuFC6SJxn7xYYIWAwkRchCgVQ
T7wAJSWyX8LgXlZ5FO5iXqjk7zbqnIv6uisjhf70DxxYelyfqjDWYXRDdKukqqMaWRBQ3frJAxSK
NdD+KVu3cTItQO3g5JZJ54/6o/AcO6aXwyjUE8UJA1ysQrWi9QYM
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: https://tsa.e-szigno.hu/tsa2

https://btsa.e-szigno.hu/tsa2

2.2.28.1. Qualified e-Szigno TSA 2009 01

```
Provider: 2
Service: 28
History: 1/1
```

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name: *English:* Qualified e-Szigno TSA 2009 01

             Hungarian: Qualified e-Szigno TSA 2009 01

Service digital identity: *Subject key identifier:*

5C FD E4 E1 26 62 88 47 CF 46 BA 45 FA 62 89 15 92 CF 3C AA

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2009-06-17T09:04:27.000Z   (17 Jun 2009 11:04:27 CEST)

2.2.29. Qualified e-Szigno TSA 2009 02

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 2009 02

Hungarian: Qualified e-Szigno TSA 2009 02

Service digital identity: *Subject key identifier:*

93 DC 10 C1 C4 D3 44 BC 6C 53 1D 21 C7 18 74 63 4B 6E 01 1D

Service digital identity: *Version:*

3

Serial number:

17 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2009 02,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

93 DC 10 C1 C4 D3 44 BC 6C 53 1D 21 C7 18 74 63 4B 6E 01 1D

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2009-06-17T09:06:06.000Z   (17 Jun 2009 11:06:06 CEST)

Valid to:

2021-06-17T09:06:06.000Z   (17 Jun 2021 11:06:06 CEST)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

49:74:22:0B:44:0A:9A:13:38:AC:7B:3B:EF:80:62:4D:2D:3F:D7:CE

SHA-256:

3E:C4:BD:E2:F7:34:E1:A7:64:86:B1:13:3C:1B:E7:76:8A:2C:C6:B9:17:18:94:92:D1:89:D3:5F:66:5F:CB:2F

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100BA4DADB754869CB7CCEE77044BC549D13EF62ABDF2CC918A4B0A32EA056EFF273BE5BF3CB8F6
AC19E848D6B07298B286327264CFB58BF1CBFB0D2F7FA5EEBEEB693960AB5CAD9A4738F61B23957E1A8E005DED196A
C2A14512FC5CCFCA2149A811CDD082192B53BDB652F9E68C48149ACA71C3387A24EA371FF1DE54294FD6F5B46FFDD3
9E5476AD034E6214F35069BEC9D0EB2146C9339649BB41D9CCB9C2B800B7F2ADCF09A01A40779A6D3F4999F9D9E0B0
BA9D8EB1BD3E89D4EFA086E692175D651CB43BB0356703A004F8735D31971245AC061C5F256CE51C4421117A0D5460
1E47802B6C5559DF4C5A4A780CC2CEAF2FDB6BFCDC08987AB8649D3CBC450203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.5.1

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

```
-----BEGIN CERTIFICATE-----
MIIFCTCCA/GgAwIBAgIBETANBgkqhkiG9w0BAQsFADCBgjELMAkGA1UEBhMCSFUxETAPBgNVBAcM
CEJlZGFwZXN0NMRYwFAYDVQQKDA1NaWNyb3NlYyBMdGQuMScwJQYDVQQDDB5NaWNyb3NlYyBlLVN6
aWdubyBSb290IENBIDIwMDkxHzAdBgkqhkiG9w0BCQEWEGluZm9AZS1zemlnbm8uaHUwHhcNMDkw
NjE3MDkwNjA2WhcNMjEwNjE3MDkwNjA2WjCBgjELMAkGA1UEBhMCSFUxETAPBgNVBAcMCEJlZGFw
ZXN0NMRYwFAYDVQQKDA1NaWNyb3NlYyBMdGQuMScwJQYDVQQDDB5RdWFsaWZpZWQgS1Temlnbm8g
VFNBIDIwMDkgMDIxHzAdBgkqhkiG9w0BCQEWEGluZm9AZS1zemlnbm8uaHUwggEiMA0GCSqGSIb3
DQEBAQUAA4IBDwAwggEKAoIBAQC6Ta23VIact8zudwRLxUnRPvYqvfLMkYpLCjLqBW7/Jzvlvzy4
9qwZ6EjWsHKYsoYycmTPtYvxy/sNL3+l7r7raTlgq1ytmkc49hsjlX4ajgBd7RlqwqFFEvxcz8oh
SagRzdCCGStTvbZS+eaMSBSaynHDOHok6jcf8d5UKU/W9bRv/d0eVHatAO5iFPNQab7J0OshRskz
lkm7QdnMucK4ALfyrc8JoBpAd5ptP0mZ+dngsLqdjrG9PonU76CG5pIXXWUctDuwNWcDoAT4cl0x
lxJFrAYcXyVs5RxEIRF6DVRgHkeAK2xVWd9MWkp4DMLOry/ba/zcCJh6uGSdPLxFAgMBAAGjggGG
MIIBgjAMBgNVHRMBAf8EAjAAMA4GA1UdDwEB/wQEAwIGwDAWBgNVHSUBAf8EDDAKBggrBgEFBQcD
CDBFBgNVHSAEPjA8MDoGDisGAQQBgagYAgEBAQUBMCgwJgYIKwYBBQUHAgEWGmh0dHA6Ly9jcC5l
LXN6aWduby5odS9xY3B3BzMB0GA1UdDgQWBBST3BDBxNNEvGxTHSHHGHRjS24BHTAfBgNVHSMEGDAW
gBTLD8bfQkPMPcu1SC0hGnqmKrs0aDAbBgNVHREEFDASgRBpbmZvQGUtc3ppZ25vLmh1MDYGA1Ud
HwQvMC0wK6ApoCeGJWh0dHA6Ly9jcmwuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5jcmwwbgYIKwYB
BQUHAQEEYjBgMCsGCCsGAQUFBzABhh9odHRwOi8vcm9vdG9jci3AyMDA5LmUtc3ppZ25vLmh1MDEG
CCsGAQUFBzAChiVodHRwOi8vd3d3d3LmUtc3ppZ25vLmh1L3Jvb3RjYTIwMDkuY3J0MA0GCSqGSIb3
DQEBCwUAA4IBAQAMeHUTo/FRyBfgkLBRxqvaTAQHQFRPYuE5+RFN+mYXJOch8NGmK23C+IdDKQbS
QmiWhwym7lqwKiY1aS+3fJ4Pj7hl7v5KyKfkly6rIrZD14kLkh0sOQK9oZr4mfZFuAY1JWFcPCbO
tpDZA/Kl1Xwouw4VbMZbgfBRWYDIQsVpTvH25LFeMT5WrB1elPbvSUep+6hsP1Y1F9qz0jGvzCUB
s5NOErPpCX5ZH9tK3GEiMoi20i669sC4o3UszltDZJRTRoe/JIohv0iST0WzSrlPpLnJETp7bDL4
vq+NxLUEmyvai/4bQ/Q+e1dhnrFE8t+/HrSdMSN08JxXJcCMTj4G
-----END CERTIFICATE-----
```

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: https://tsa.e-szigno.hu/tsa2

https://btsa.e-szigno.hu/tsa2

2.2.29.1. Qualified e-Szigno TSA 2009 02

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name: *English:* Qualified e-Szigno TSA 2009 02

Hungarian: Qualified e-Szigno TSA 2009 02

Service digital identity: *Subject key identifier:*

93 DC 10 C1 C4 D3 44 BC 6C 53 1D 21 C7 18 74 63 4B 6E 01 1D

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2009-06-17T09:06:06.000Z   (17 Jun 2009 11:06:06 CEST)

2.2.30. Qualified e-Szigno TSA 2009 03

<div align="right">Provider: 2
Service: 30</div>

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name:

English: Qualified e-Szigno TSA 2009 03

Hungarian: Qualified e-Szigno TSA 2009 03

Service digital identity: *Subject key identifier:*

98 7E 2E 66 53 46 15 47 72 55 CE 42 E3 45 CC F2 8A 14 A1 77

Service digital identity: *Version:*

3

Serial number:

18 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2009 03,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

98 7E 2E 66 53 46 15 47 72 55 CE 42 E3 45 CC F2 8A 14 A1 77

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2009-06-17T09:07:34.000Z   (17 Jun 2009 11:07:34 CEST)

Valid to:

2021-06-17T09:07:34.000Z   (17 Jun 2021 11:07:34 CEST)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

2A:76:2C:55:2D:58:CE:94:A8:09:19:35:A1:9C:E6:33:54:6A:4D:72

SHA-256:

45:8B:78:53:62:66:F2:27:B6:63:E1:84:96:0F:DF:6E:F5:E0:25:1C:E2:A7:54:22:A3:E0:74:19:14:5F:2C:A5

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100AA4F3CFBFB18BF72A3C7EC4DAB5AC6DC28C60D31C1B649BA95125C1526B46D1F90CFF5067304
FC56AD23995B5FBD79CD17C3E2D7F4CCD71C751C5BA77E75D7509F06175C778B29854D0ADC42A9E67C16F100D4D2A1
B37D0AF41F6C52514ABF0B79847F45C7C7DA7825E3E2F3A6A431D4072028796C60E8618B8BBA4629C568610F0A7A6D
C70739789972F1EAB994AF19F6515CAD5B6B781F60DFD18E415AC407B1BFF49EB9217904F9B992F4B320DB583B5A2C
5925A8D05B3036F88C797CB105F1707B893406F29B2AA1DC13E93E5EB9FB5B9DAF2124F489890923DBC9569E23EF2F
F2B1A380EC2B32D9D5CB8BF3408FF3329DB99B33DE4E1AC61E4687DE9D870203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.5.1

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIFCTCCA/GgAwIBAgIBEjANBgkqhkiG9w0BAQsFADCBgjELMAkGA1UEBhMCSFUxETAPBgNVBAcM
CEJlZGFwZXN0MRYwFAYDVQQKDA1NaWNyb3NlYyBMdGQuMScwJQYDVQQDDB5NaWNyb3NlYyBlLVN6
aWdubyBSb290IENBIDIwMDkxHzAdBgkqhkiG9w0BCQEWEGluZm9AZS1zemlnbm8uaHUwHhcNMDkw
NjE3MDkwNzM0WhcNMjEwNjE3MDkwNzM0WjCBgjELMAkGA1UEBhMCSFUxETAPBgNVBAcMCEJlZGFw
ZXN0MRYwFAYDVQQKDA1NaWNyb3NlYyBMdGQuMScwJQYDVQQDDB5RdWFsaWZpZWQgZS1Temlnbm8g
VFNBIDIwMDkgMDMxHzAdBgkqhkiG9w0BCQEWEGluZm9AZS1zemlnbm8uaHUwggEiMA0GCSqGSIb3
DQEBAQUAA4IBDwAwggEKAoIBAQCqTzz7+xi/cqPH7E2rWsbcKMYNMcG2SbqVElwVJrRtH5DP9QZz
BPxWrSOZW1+9ec0Xw+LX9MzXHHUcW6d+dddQnwYXXHeLKYVNCtxCqeZ8FvEA1NKhs30K9B9sUlFK
vwt5hH9Fx8faeCXj4vOmpDHUByAoeWxg6GGLi7pGKcVoYQ8Kem3HBzl4mXLx6rmUrxn2UVytW2t4
H2Df0Y5BWsQHsb/0nrkheQT5uZL0syDbWDtaLFklqNBbMDb4jHl8sQXxcHuJNAbymyqh3BPpPl65
+ludryEk9ImJCSPbyVaeI+8v8rGjgOwrMtnVy4vzQI/zMp25mzPeThrGHkaH3p2HAgMBAAGjggGG
MIIBgjAMBgNVHRMBAf8EAjAAMA4GA1UdDwEB/wQEAwIGwDAWBgNVHSUBAf8EDDAKBggrBgEFBQcD
CDBFBgNVHSAEPjA8MDoGDisGAQQBgagYAgEBAQUBMCgwJgYIKwYBBQUHAgEWGmh0dHA6Ly9jcC5l
LXN6aWduby5odS9xY3BzMB0GA1UdDgQWBBSYfi5mU0YVR3JJVzkLjRczyihShdzAfBgNVHSMEGDAW
gBTLD8bfQkPMPcu1SCOhGnqmKrs0aDAbBgNVHREEFDASgRBpbmZvQGUtc3ppZ25vLmh1MDYGA1Ud
HwQvMC0wK6ApoCeGJWh0dHA6Ly9jcmwuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5jcmwwbgYIKwYB
BQUHAQEEYjBgMCsGCCsGAQUFBzABhh9odHRwOi8vcm9vdGd9c3AyMDA5LmUtc3ppZ25vLmh1MDEG
CCsGAQUFBzAChiVodHRwOi8vd3d3LmUtc3ppZ25vLmh1L3Jvb3RjYTIwMDkuY3J0MA0GCSqGSIb3
DQEBCwUAA4IBAQBd56yPllrGcLbWuX3ecQ/3sVqoqZjuC1MiNkij3LEIwwPPYeomth7BHUXxZnDx
gIwRcMYMc5BuCqjP2rL8N9diaE5z0L/aZnZpF6eoqRUAx1RsTyRGChKjHNicFMCkM78QmtPmElfn
XsUnnTIXOvgw76+XZxnMKkY2cGeLQx8oRVER05IWrlcnVfxXfxTC4ADJntIUJAzpH3Ahdfy05pZV
OtjzKilUQ2ca8JgKa7D+GzSF2WDHhWpQvwej0rUsp4Iw0IxHuLjFTtKk9meA5hanzKWVRZ9GNOv1
NZn/V1wzir7uP/ddo7afgp8Wvh6jZCP3ZE/2IUo+NfE1+Aw3MMiI
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z (01 Jul 2016 00:00:00 CEST)

Service supply points: https://tsa.e-szigno.hu/tsa2

https://btsa.e-szigno.hu/tsa2

2.2.30.1. Qualified e-Szigno TSA 2009 03

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:
English: Qualified e-Szigno TSA 2009 03

Hungarian: Qualified e-Szigno TSA 2009 03

Service digital identity: *Subject key identifier:*

98 7E 2E 66 53 46 15 47 72 55 CE 42 E3 45 CC F2 8A 14 A1 77

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2009-06-17T09:07:34.000Z   (17 Jun 2009 11:07:34 CEST)

2.2.31. Qualified e-Szigno TSA 2009 04

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 2009 04

Hungarian: Qualified e-Szigno TSA 2009 04

Service digital identity: *Subject key identifier:*

5D 74 06 5E 39 6C 4C 7D 12 96 82 13 A7 65 56 12 3F DF 48 0C

Service digital identity: *Version:*

3

Serial number:

19 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2009 04,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

5D 74 06 5E 39 6C 4C 7D 12 96 82 13 A7 65 56 12 3F DF 48 0C

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2009-06-17T09:09:13.000Z   (17 Jun 2009 11:09:13 CEST)

Valid to:

2021-06-17T09:09:13.000Z   (17 Jun 2021 11:09:13 CEST)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

EE:76:C1:02:78:8F:C6:FE:71:F8:33:A8:53:61:86:BE:23:38:DD:B0

SHA-256:

49:0E:9F:19:C9:9D:6A:99:66:72:9D:CC:BF:9C:D4:66:2A:C6:DC:97:3D:DD:46:1F:B1:90:0F:0E:0E:AF:56:78

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100EDF330C371B960991D23781FAA4782A153AA4CF3F15DDC64CD52FA715DB4D291EFA14C415C1F
583CC28BBF9B0A8996FED8CF16A5E26575A370EA201BBE4021F2982EC3C7DAE3B24EEDB552B0CCA513AFB5BED16505
2077964D15EF796EB6D931134844EB08FCFDC7BFB35553C4705662207D33B43E11523357500B5D792539DEDE4CB1D2
1A819788753EFE547684EB56B6A1439F6F23B1C063D7F35A62254F30B96040ACA0E51EA55BC3EF97A023DC9D21814E
A9816798E76E375DEE59F3D78B74E25B4B6D44C9E492C6B382EFE0B9A178A73199AB05F29F2DF08D5C66FB116817B4
81272C14A7E140120B27CE0623C090ACDCFC9D6FFBC4590EF2F9E5ECAE910203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.5.1

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

```
-----BEGIN CERTIFICATE-----
MIIFCTCCA/GgAwIBAgIBEzANBgkqhkiG9w0BAQsFADCBgjELMAkGA1UEBhMCSFUxETAPBgNVBAcM
CEJlZGFwZXN0MRYwFAYDVQQKDA1NaWNyb3NlYyBMdGQuMScwJQYDVQQDDB5NaWNyb3NlYyBlLVN6
aWdubyBSb290IENBIDIwMDkxHzAdBgkqhkiG9w0BCQEWEGluZm9AZS1zemlnbm8uaHUwHhcNMDkw
NjE3MDkwOTE2WhcNMjEwNjE3MDkwOTEzWjCBgjELMAkGA1UEBhMCSFUxETAPBgNVBAcMCEJlZGFw
ZXN0MRYwFAYDVQQKDA1NaWNyb3NlYyBMdGQuMScwJQYDVQQDDB5RdWFsaWZpZWQgZS1Temlnbm8g
VFNBIDIwMDkgMDQxHzAdBgkqhkiG9w0BCQEWEGluZm9AZS1zemlnbm8uaHUwggEiMA0GCSqGSIb3
DQEBAQUAA4IBDwAwggEKAoIBAQDt8zDDcblgmR0jeB+qR4KhU6pM8/Fd3GTNUvpxXbTSke+hTEFc
H1g8wou/mwqJlv7Yzxal4mVlo3DqIBu+QCHymC7Dx9rjsk7ttVKwzKUTr7W+0WUFIHeWTRXveW62
2TETSETrCPz9x7+zVVPEcFZiIH0ztD4RUjNXUAtdeSU53t5MsdIagZeIdT7+VHaE61a2oUOfby0x
wGPX81piJU8wuWBArKDlHqVbw++XoCPcnSGBTqmBZ5jnbjdd7lnz14t04ltLbUTJ5JLGs4Lv4Lmh
eKcxmasF8p8t8Il1cZvsRaBe0gScsFKfhQBILJ84GI8CQrNz8nW/7xFkO8vnl7K6RAgMBAAGjggGG
MIIBgjAMBgNVHRMBAf8EAjAAMA4GA1UdDwEB/wQEAwIGwDAWBgNVHSUBAf8EDDAKBggrBgEFBQcD
CDBFBgNVHSAEPjA8MDoGDisGAQQBgagYAgEBAQUBMCgwJgYIKwYBBQUHAgEWGmh0dHA6Ly9jcC5l
LXN6aWduby5odS9xY3BzMB0GA1UdDgQWBBRddAZeOWxMfRKWgh0nZVYSP99IDDAfBgNVHSMEGDAW
gBTLD8bfQkPMPcu1SCOhGnqmKrs0aDAbBgNVHREEFDASgRBpbmZvQGUtc3ppZ25vLmh1MDYGA1Ud
HwQvMC0wK6ApoCeGJWh0dHA6Ly9jcmwuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5jcmwwbgYIKwYB
BQUHAQEEYjBgMCsGCCsGAQUFBzABhh9odHRwOi8vcm9vdGG9jc3AyMDA5LmUtc3ppZ25vLmh1MDEG
CCsGAQUFBzAChiVodHRwOi8vd3d3LmUtc3ppZ25vLmh1L3Jvb3RjYTIwMDkuY3J0MA0GCSqGSIb3
DQEBCwUAA4IBAQA99uGXFs1NkGpyCSTlm5z0NB/BXS6zzuUZszYQT0VvnJ8xkZIIBrr1b5aVvwyk
B/slzuU4nb03xdg1zprEzdXcU2byhSupVO8lLKTJ0kZuVYetftGeCTs8Aop5lw3jwRd8NosHYJCd
VWhrFgFfuszg1EGHUZMqFzL5MhcfPA185GwPFRkYvDDSVkZTONuBJwAu+4CIh+dbGPGikzBkvf8X
tj7myQ0nY3ct6oVu4e8pDKow4tcm/8rXfjMoD6QAz9PYLl30YpRBhL00zKgT8t8Vw+CE0igppNIg
M8Lsp86Oj2gULr2HTndaG8ivWshEJmH7AxBCJMq/FLaJ27qI9V5l
-----END CERTIFICATE-----
```

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z (01 Jul 2016 00:00:00 CEST)

Service supply points: https://tsa.e-szigno.hu/tsa2

https://btsa.e-szigno.hu/tsa2

2.2.31.1. Qualified e-Szigno TSA 2009 04

```
Provider: 2
Service: 31
History: 1/1
```

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 2009 04

Hungarian: Qualified e-Szigno TSA 2009 04

Service digital identity: *Subject key identifier:*

5D 74 06 5E 39 6C 4C 7D 12 96 82 13 A7 65 56 12 3F DF 48 0C

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2009-06-17T09:09:13.000Z   (17 Jun 2009 11:09:13 CEST)

2.2.32. Qualified e-Szigno TSA 2009 05

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name:

English: Qualified e-Szigno TSA 2009 05

Hungarian: Qualified e-Szigno TSA 2009 05

Service digital identity: *Subject key identifier:*

36 FD 82 6A 11 08 39 7F 48 71 5D 9E 6E 2C D8 3D EB D0 B4 9C

Service digital identity: *Version:*

3

Serial number:

20 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2009 05,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

36 FD 82 6A 11 08 39 7F 48 71 5D 9E 6E 2C D8 3D EB D0 B4 9C

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2009-06-17T09:11:42.000Z   (17 Jun 2009 11:11:42 CEST)

Valid to:

2021-06-17T09:11:42.000Z   (17 Jun 2021 11:11:42 CEST)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

63:86:A0:66:95:43:29:06:A5:9B:8B:C2:56:0A:E7:25:64:C9:C2:32

SHA-256:

D8:A7:A2:EF:64:47:5C:23:A0:C1:65:07:0F:E9:22:62:D0:FB:D7:14:C6:3E:A5:B6:49:F1:87:8E:8B:7B:46:CB

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100E5581B836B20E6D13912F5907BED391697F2716FF9C5B918CBD0B97FA4838C57906E9FD51304
BD13C4B358EA3B19CADA620EE42616BBD4604DCA533D6C6D95A18C13C18711764AC9D76D886756E735402F5A222245
ED390DBEF4833D837BEB37DDB48A6681946F26770670EECDF1CA75446CE934A097A23453A2ACABADAC0766F5F8C73B
392B0076CEB7069176388F737C3BCCFEDF791C0359FCA06F97742C7AFC1BDB9D5999DCC68601662AF0191A3CFC87E0
E480F1144A9F23921B3EAF82CC74918646D8D9F004C554C420272AE1F168A02D2172C921CF43704F0EDC1D757C6288
BE50713D9C3FEDFBFDBC7C03D9E723AA741191B82BF608E7A0D2EF9DA0BB0203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.5.1

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIFCTCCA/GgAwIBAgIBFDANBgkqhkiG9w0BAQsFADCBgjELMAkGA1UEBhMCSFUxETAPBgNVBAcM
CEJ1ZGFwZXN0MRYwFAYDVQQKDA1NaWNyb3NlYyBMdGQuMScwJQYDVQQDDB5NaWNyb3NlYyBlLVN6
aWdubyBSb290IENBIDIwMDkxHzAdBgkqhkiG9w0BCQEWEGluZm9AZS1zemlnbm8uaHUwHhcNMDkw
NjE3MDkxMTQyWhcNMjEwNjE3MDkxMTQyWjCBgjELMAkGA1UEBhMCSFUxETAPBgNVBAcMCEJ1ZGFw
ZXN0MRYwFAYDVQQKDA1NaWNyb3NlYyBMdGQuMScwJQYDVQQDDB5RdWFsaWZpZWQgZS1Temlnbm8g
VFNBIDIwMDkgMDUxHzAdBgkqhkiG9w0BCQEWEGluZm9AZS1zemlnbm8uaHUwggEiMA0GCSqGSIb3
DQEBAQUAA4IBDwAwggEKAoIBAQDlWBuDayDm0TkS9ZB77TkWl/Jxb/nFuRjL0Ll/pIOMV5Bun9UT
BL0TxLNY6jsZytpiDuQmFrvUYE3KUz1sbZWhjBPBhxF2SsnXbYhnVuclQC9aIiJF7TkNvvSDPYN7
6zfdtIpmgZRvJncGcO7N8cp1RGzpNKCXojRToqyrrawHZvX4xzs5KwB2zrcGkXY4j3N808z+33kc
A1n8oG+XdCx6/BvbnVmZ3MaGAWYq8BkaPPyH4OSA8RRKnyOSGz6vgsx0kYZG2NnwBMVUxCAnKuHx
aKAtIXLJIc9DcE8O3B1lfGKIvlBxPZw/7fv9vHwD2ecjqnQRkbgr9gjnoNLvnaC7AgMBAAGjggGG
MIIBgjAMBgNVHRMBAf8EAjAAMA4GA1UdDwEB/wQEAwIGwDAWBgNVHSUBAf8EDDAKBggrBgEFBQcD
CDBFBgNVHSAEPjA8MDoGDisGAQQBgagYAgEBAQUBMCgwJgYIKwYBBQUHAgEWGmh0dHA6Ly9jcC5l
LXN6aWduby5odS9xY3BzMB0GA1UdDgQWBBQ2/YJqEQg5f0hxXZ5uLNg969C0nDAfBgNVHSMEGDAW
gBTLD8bfQkPMPcu1SCOhGnqmKrs0aDAbBgNVHREEFDASgRBpbmZvQGUtc3ppZ25vLmh1MDYGA1Ud
HwQvMC0wK6ApoCeGJWh0dHA6Ly9jcmwuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5jcmwwbgYIKwYB
BQUHAQEEYjBgMCsGCCsGAQUFBzABhh9odHRwOi8vcm9vdGG9jc3AyMDA5LmUtc3ppZ25vLmh1MDEG
CCsGAQUFBzAChiVodHRwOi8vd3d3Lmut3ppZ25vLmh1L3Jvb3RjYTIwMDkuY3J0MA0GCSqGSIb3
DQEBCwUAA4IBAQBxAqxLHNWAOkgL4f+xEG1Kif/kMUDZVYOvNm08Nxr12qOnivCtMev98u0R2MD7
6EQ78AisqZ/h2q9BajPwSZQYVbDyb1FeloaNmiqRfTwDoqIP78got9ZzrrIOmUYQ4Ya0cu3ynRS2
faQ4B+mQo4Wehzd+fHC0UgPPyw2d+BqKhYbYBtg7fXHkekmAVAtNnisiKP8TOlimMDCbrtURb/aa
Cc2cMIlm8ytxpt/fJaINhelG14Lfm273WBdLDogAFVF/pI6bikFc7L/UEIGWDjBtQT2u+H5+lL8H
unPuI6tN27WGsI2MVOWMNzjeFNI6enIKMhWPn3G5injYk9r+ejvJ
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: https://tsa.e-szigno.hu/tsa2

https://btsa.e-szigno.hu/tsa2

2.2.32.1. Qualified e-Szigno TSA 2009 05

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name: *English:* Qualified e-Szigno TSA 2009 05

              Hungarian: Qualified e-Szigno TSA 2009 05

Service digital identity: *Subject key identifier:*

36 FD 82 6A 11 08 39 7F 48 71 5D 9E 6E 2C D8 3D EB D0 B4 9C

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2009-06-17T09:11:42.000Z   (17 Jun 2009 11:11:42 CEST)

2.2.33. Advanced e-Szigno TSA

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA

A time-stamping generation service, not qualified, creating and signing time-stamps tokens.

Service name:

English: Advanced e-Szigno TSA

Hungarian: Advanced e-Szigno TSA

Service digital identity: *Subject key identifier:*

C4 E6 B5 E6 25 D9 3D FD A5 82 A2 C6 E7 76 8D AB D1 C9 35 7A

Service digital identity: *Version:*

3

Serial number:

121 879 624 638 227 852 431 912 075 758 752 574 129 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

CN=Advanced e-Szigno TSA,OU=e-Szigno CA,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

CN=Advanced e-Szigno CA2,OU=e-Szigno CA,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

C4 E6 B5 E6 25 D9 3D FD A5 82 A2 C6 E7 76 8D AB D1 C9 35 7A

Authority key identifier:

68 C3 B4 DF B1 01 BB A3 03 B6 25 71 BA CF F8 FF D1 4C 35 99

Valid from:

2005-10-20T21:00:22.000Z   (20 Oct 2005 23:00:22 CEST)

Valid to:

2015-05-28T21:00:22.000Z   (28 May 2015 23:00:22 CEST)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

D3:B2:8C:0C:04:93:36:DE:B1:86:EA:23:CA:6B:14:43:BA:7A:26:74

SHA-256:

27:9E:5B:D8:BA:02:7E:5A:9F:6F:AC:3C:EE:E7:8B:BD:C0:7C:49:23:9E:C6:3D:95:13:A4:28:FC:05:8A:56:44

Public key:

Algorithm, key length:

RSA, 1024

Key value:

30818902818100CF5DB4BD11A8225F09DF80C984C16AEE858BD06A5430262F63728A1A5BB54BDB1D559E4A29B9C6B1
9F2CEE9347307C4F62953D2677D560A6B2122C0BDCFE344478F069F7201AD8828EDD05BA93D27F3389F00E1741F09E
DB553F39DF102C11EB1C36D3DE463FDD88FBB90A8762612DB3D140AE38A995318AD2670C2B05F417130203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.8

cPSuri = http://www.e-szigno.hu/FSZSZ/

userNotice = A tanúsítvány értelmezéséhez és elfogadásához a Szolgáltató
Szolgáltatási Szabályzata szerint kell eljárni: http://www.e-szigno.hu/FSZSZ/

CRL distribution points:

http://fokozott.e-szigno.hu/ACA2.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIGLDCCBRSgAwIBAgIQW7EpcFJeZiS620ZzqY0qsTANBgkqhkiG9w0BAQUFADBuMQswCQYDVQQG
EwJIVTERMA8GA1UEBxMIQnVkYXBlc3QxFjAUBgNVBAoTDU1pY3Jvc2VjIEx0ZC4xFDASBgNVBAsT
C2UtU3ppZ25vIENBMR4wHAYDVQQDExVBZHZhbmNlZCBlLVN6aWdubyBDQTIwHhcNMDUxMDIwMjEw
MDIyWhcNMTUwNTI4MjEwMDIyWjBuMQswCQYDVQQGEwJIVTERMA8GA1UEBxMIQnVkYXBlc3QxFjAU
BgNVBAoTDU1pY3Jvc2VjIEx0ZC4xFDASBgNVBAsTC2UtU3ppZ25vIENBMR4wHAYDVQQDExVBZHZh
bmNlZCBlLVN6aWdubyBUU0EwgZ8wDQYJKoZIhvcNAQEBBQADgY0AMIGJAoGBAM9dtL0RqCJfCd+A
yYTBau6Fi9BqVDAmL2NyihpbtUvbHVWeSim5xrGfLO6TRzB8T2KVPSZ31WCmshIsC9z+NER48Gn3
IBrYgo7dBbqT0n8zifAOF0HwnttVPznfECwR6xw2095GPf2I+7kKh2JhLbPRQK44qZUxitJnDCsF
9BcTAgMBAAGjggNIMIIDRDCBrgYDVR0RBIGmMIGjgRBpbmZvQGUtc3ppZ25vLmh1pIGOMIGLMTkw
NwYDVQQDDDBGb2tvem90dCBlLVN6aWdub7MgSWTFkWLDqWx5ZWd6w6lzIFN6b2xnw6FsdGF0w7Mx
FjAUBgNVBAsMDWUtU3ppZ27DsyBIU1oxFjAUBgNVBAoTDU1pY3Jvc2VjIEtmdC4xETAPBgNVBAcT
CEJlZGFwZXN0MQswCQYDVQQGEwJIVTBqBggrBgEFBQcBAQReMFwwLQYIKwYBBQUHMAGGIWh0dHBz
Oi8vYXJjaYS5lLXN6aWdubysodS9hY2Eyb2NzcDArBggrBgEFBQcwAoYfaHR0cDovL3d3dy5lLXN6
aWdubysodS9BQEyLmNydDAfBgNVHSMEGDAWgBRow7TfsQG7ow02JXG6z/j/0Uw1mTAMBgNVHRMB
Af8EAjAAMIIBdgYDVR0gBIIBbTCCAWkwggFlBgwrBgEEAYGoGAIBAQgwggFTMCkGCCsGAQUFBwIB
Fh1odHRwOi8vd3d3LmUtc3ppZ25vLmh1L0ZTWlNaLzCCASQGCCsGAQUFBwICMIIBFh6CARIAQQAg
AHQAYQBuAPoAcwDtAHQAdgDhAG4AeQAgAOkAcgB0AGUAbABtAGUAegDpAHMA6QBoAGUAegAgAOkA
cwAgAGUAbBmAG8AZwBhAGQA4QBzA0EAaABvAHoAIABhACAAUwB6AG8AbABnAO0AbAB0AGEAdADz
ACAAUwB6AG8AbABnAOEAbAB0AGEAdADhAHMAaQAgAFMAegBhAGIA4QBsAHkAegBhAHQAYQAgAHMA
egBlAHIAaQBuAHQAIABrAGUAbABsACAAZQBsAGoA4QByAG4AaQA6ACAAaAB0AHQAcAA6AC8ALwB3
AHcAdwAuAGUALQBzAHoAaQBnAG4AbwAuAGgAdQAvAEYAUwBaAFMAWgAvMDUGA1UdHwQuMCwwKqAo
oCaGJGh0dHA6Ly9mb2tvem90dC51LXN6aWduby5odS9BQ0EyLmNybDAWBgNVHSUBAf8EDDAKBggr
BgEFBQcDCDA0BgNVHQ8BAf8EBAMCBsAwHQYDVR0OBBYEFMTmteYl2T39pYKixud2javRyTV6MA0G
CSqGSIb3DQEBBQUAA4IBAQCj6v0cI7jvjtSCc0xYwKjh2xAeeOAB8Aew4u7ut7SWrDpJBbG7SSGW
BcEEufiRHboOwTJ+phP6BBmpzVIimxv1zuXnJglEcRZhO0UDa0YLHgcSIXINN38WTlyvbdnEmn47
aT2170RM/pUHFpRdCwAkVzib6cmysPoQpaJTMtVo9D9ZlWe013yzV8DfpWW8fsvHhNwqvuaXsFrs
fbtvVGJ0uhoXVrR+bnAoMGDfcp1wHQS3GWqbiMSu/hrZ56VMGLD0MMSnQPn1llv3GkaeVvD59BRr
j2Xv5qKOr0L5D3SbGVuYvJ+NTGcxSeJIuUkDuI4y4fJDkFc0Xp6mwjnnH9Po
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/recognisedatnationallevel

For trust services listed under a service type specified in clause 5.5.1.2: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved" status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in Regulation (EU) No 910/2014 and the applicable national legislation.

For NationalRootCA-QC type: The service is set by national law in accordance with the applicable European legislation and operated by the responsible national body issuing root-signing or qualified certificates to accredited trust service providers.

For other trust services listed under a service type specified in clause 5.5.1.3: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved"status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in the applicable national legislation.

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: https://atsa.e-szigno.hu/atsa

Service supply points: https://atsa.e-szigno.hu/atsa

2.2.33.1. Advanced e-Szigno TSA

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA

> *A time-stamping generation service, not qualified, creating and signing time-stamps tokens.*

Service name:
    English: Advanced e-Szigno TSA

    Hungarian: Advanced e-Szigno TSA

Service digital identity: *Subject key identifier:*

C4 E6 B5 E6 25 D9 3D FD A5 82 A2 C6 E7 76 8D AB D1 C9 35 7A

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2005-10-20T21:00:22.000Z   (20 Oct 2005 23:00:22 CEST)

2.2.34. Qualified e-Szigno TSA 2010 01

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 2010 01

Hungarian: Qualified e-Szigno TSA 2010 01

Service digital identity: *Subject key identifier:*

9C 3C 82 FE 92 59 EE 76 6B 43 23 01 99 DB B4 72 E2 B4 A2 90

Service digital identity: *Version:*

3

Serial number:

27 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2010 01,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

9C 3C 82 FE 92 59 EE 76 6B 43 23 01 99 DB B4 72 E2 B4 A2 90

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2010-02-28T21:00:00.000Z   (28 Feb 2010 22:00:00 CET)

Valid to:

2022-02-28T21:00:00.000Z   (28 Feb 2022 22:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

E3:04:6F:50:71:03:77:B1:C0:AB:B9:E4:25:88:76:19:28:A9:7F:07

SHA-256:

2D:C9:64:12:0D:F9:77:B9:69:03:17:CA:CF:61:EA:35:C0:B6:91:32:82:AE:0A:F3:0D:90:B6:B3:4E:5C:E9:BE

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100882229BAFCF1C2CC7EAF64C4AEAD95495A79605E29E1F2DB9816552A3F5222D32800DBAC084A
058EBBB893E4125EE7FB626963FE0036DB6412879FF0500321B3DF6177E9C2D63055D4292FC60E3D6E529FA02A8DDA
5EF9D674AA3F401BDAA5FC620564C4A54C2A8AFA7782D47BCDAD7CA9853BEE400598D667620195043CEA73B609FAE9
9350ED64532E7319AC9863310B15E0D351A4D621482FCE8E44E3F91D92F64ED24263DA64BBB14158B1BA9182D7A477
203E076148D3CE2C45E913A09C13C8D6C1D6AEBA15D8B48EF656AB9A6B377755A1F1CB11BD6628F6F39A67C9989C5C
DC407F7E821AD3B46D70D045529F20F9B3FA100B2762EE50D2CB68EAB9850203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.5.1

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIFCTCCA/GgAwIBAgIBGzANBgkqhkiG9w0BAQsFADCBgjELMAkGA1UEBhMCSFUxETAPBgNVBAcM
CEJ1ZGFwZXN0MRYwFAYDVQQKDA1NaWNyb3NlYyBMdGQuMScwJQYDVQQDDB5NaWNyb3NlYyBlLVN6
aWdubyBSb290IENBIDIwMDkxHzAdBgkqhkiG9w0BCQEWEGluZm9AZS1zemlnbm8uaHUwHhcNMTAw
MjI4MjEwMDAwWhcNMjIwMjI4MjEwMDAwWjCBgjELMAkGA1UEBhMCSFUxETAPBgNVBAcMCEJ1ZGFw
ZXN0MRYwFAYDVQQKDA1NaWNyb3NlYyBMdGQuMScwJQYDVQQDDB5RdWFsaWZpZWQgZS1Temlnbm8g
VFNBIDIwMTAgMDExHzAdBgkqhkiG9w0BCQEWEGluZm9AZS1zemlnbm8uaHUwggEiMA0GCSqGSIb3
DQEBAQUAA4IBDwAwggEKAoIBAQCIIim6/PHCzH6vZMSurZVJWnlgXinh8tuYFlUqPlIi0ygA26wI
SgWOu7iT5BJe5/tiaWP+ADbbZBKHn/BQAyGz32F36cLWMFXUKS/GDjluUp+gKo3aXvnWdKo/QBva
pfxiBWTEpUwqivp3gtR7za18qYU77kAFmNZnYgGVBDzqc7YJ+umTUO1kUy5zGayYYzELFeDTUaTW
IUgvzo5E4/kdkvZO0kJj2mS7sUFYsbqRgtekdyA+B2FI084sRekToJwTyNbB1q66Fdi0jvZWq5pr
N3dVofHLEblmKPbzmmfJmJxc3EB/foIa07RtcNBFUp8g+bP6EAsnYu5Q0sto6rmFAgMBAAGjggGG
MIIBgjAMBgNVHRMBAf8EAjAAMA4GA1UdDwEB/wQEAwIGwDAWBgNVHSUBAf8EDDAKBggrBgEFBQcD
CDBFBgNVHSAEPjA8MDoGDisGAQQBgagYAgEBAQUBMCgwJgYIKwYBBQUHAgEWGmh0dHA6Ly9jcC5l
LXN6aWduby5odS9xY3BzMB0GA1UdDgQWBBScPIL+klnudmtDIwGZ27Ry4rSikDAfBgNVHSMEGDAW
gBTLD8bfQkPMPcu1SCOhGnqmKrs0aDAbBgNVHREEFDASgRBpbmZvQGUtc3ppZ25vLmh1MDYGA1Ud
HwQvMC0wK6ApoCeGJWh0dHA6Ly9jcmwuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5jcmwwbgYIKwYB
BQUHAQEEYjBgMCsGCCsGAQUFBzABhh9odHRwOi8vcm9vdGG9jc3AyMDA5LmUtc3ppZ25vLmh1MDEG
CCsGAQUFBzAChiVodHRwOi8vd3d3LmUtc3ppZ25vLmh1L3Jvb3RjYTIwMDkuY3J0MA0GCSqGSIb3
DQEBCwUAA4IBAQCUg4R2XRjfL9WWRTyRi2X1qz4pDc95pTvEMzPyWbGF/C+/FuWk2GuXseTkj/P2
vHZCn93ntkGdR0kg/a/WIsldJ1yNAlbdxyaglhTbi75He/s7PoAK1cbPv80rxN6GYeuwgXDKy1/6
GhiqrV6t58Ekpivn/u8URnJYEl7u7twJDolzWcnUjnk2YZRyKoOeTHrl1q/RARRKfx+B5tvdEJe+
MLy2XsusbizajQNcRxcd6SadeQs8FHjQjVLEcqkppK/eYu3SRclqNCR+X8KHDbpJoC4MgossL/Di
P1OOrBfQRqEThdTCoLRlfgMFDMDi6E7QBssmHrFNERdOEYvcVPHM
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: https://tsa.e-szigno.hu/tsa2

https://btsa.e-szigno.hu/tsa2

2.2.34.1. Qualified e-Szigno TSA 2010 01

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name: *English:* Qualified e-Szigno TSA 2010 01

Hungarian: Qualified e-Szigno TSA 2010 01

Service digital identity: *Subject key identifier:*

9C 3C 82 FE 92 59 EE 76 6B 43 23 01 99 DB B4 72 E2 B4 A2 90

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2010-02-28T21:00:00.000Z   (28 Feb 2010 22:00:00 CET)

2.2.35. Qualified e-Szigno TSA 2010 02

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 2010 02

Hungarian: Qualified e-Szigno TSA 2010 02

Service digital identity: *Subject key identifier:*

1C 4C 04 C8 69 D4 5F CB 65 E0 40 C4 22 10 7F 61 C6 A1 B4 61

Service digital identity: *Version:*

3

Serial number:

28 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2010 02,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

1C 4C 04 C8 69 D4 5F CB 65 E0 40 C4 22 10 7F 61 C6 A1 B4 61

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2010-02-28T21:00:00.000Z   (28 Feb 2010 22:00:00 CET)

Valid to:

2022-02-28T21:00:00.000Z   (28 Feb 2022 22:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

C1:BF:47:BD:A9:A7:1F:37:04:21:6F:28:05:89:06:61:58:30:F0:0D

SHA-256:

0C:13:0E:EB:78:66:2B:E8:E1:47:B8:AF:2F:7B:2E:C5:DC:2C:25:A5:1B:BF:11:D4:40:32:EA:CB:DA:59:19:AB

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100F5622CD9D4BE9557470B9B4DD702B6C2C89F0CFCBEF031BE8A7E15F1ACEDECADB326B7A89E89
C3ADE0E42F6A38B3D0067B7273FB4A6BBA00BC35D08A6E4DEE0BC468D7D996972F201BBC36F8C7A7F03F406F9A8DE9
6819ED30E1C9B755415E1AF83D15285F2AABC8BBDDEB5FFFC26091E7DE2F7E91F623DC08C3B086D8063868EBFF6AE8
61DAB54CB289013CAA5889F75922FDE86503A931F51B3FDC322D7B1C20E44DBD0F1DFA0FB82C9EA4274BC9DB3F227A
ED5403DFE1DA4AAE88F09CC74C0E6205862D56CB7CB4464CAA55088F85E13E8C19B26FFFB29D3871A20A569F88AE66
DED146BAEC65FFF7B6F90F62D12BB5C776945D2A8E5BEA9E96B571E51AB10203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.5.1

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIFCTCCA/GgAwIBAgIBHDANBgkqhkiG9w0BAQsFADCBgjELMAkGA1UEBhMCSFUxETAPBgNVBAcM
CEJlZGFwZXN0MRYwFAYDVQQKDA1NaWNyb3NlYyBMdGQuMScwJQYDVQQDDB5NaWNyb3NlYyBlLVN6
aWdubyBSb290IENBIDIwMDkxHzAdBgkqhkiG9w0BCQEWEGluZm9AZS1zemlnbm8uaHUwHhcNMTAw
MjI4MjEwMDAwWhcNMjIwMjI4MjEwMDAwWjCBgjELMAkGA1UEBhMCSFUxETAPBgNVBAcMCEJlZGFw
ZXN0MRYwFAYDVQQKDA1NaWNyb3NlYyBMdGQuMScwJQYDVQQDDB5RdWFsaWZpZWQgZS1Temlnbm8g
VFNBIDIwMTAgMDIxHzAdBgkqhkiG9w0BCQEWEGluZm9AZS1zemlnbm8uaHUwggEiMA0GCSqGSIb3
DQEBAQUAA4IBDwAwggEKAoIBAQD1YizZ1L6VV0cLm03XArbCyJ8M/L7wMb6KfhXxrO3srbMmt6ie
icOt4OQvajiz0AZ7cnP7Smu6ALw10IpuTe4LxGjX2ZaXLyAbvDb4x6fwP0Bvmo3paBntMOHJt1VB
Xhr4PRUoXyqryLvd61//wmCR594vfpH2I9wIw7CG2AY4aOv/auhh2rVMsokBPKpYifdZIv3oZQ0p
MfUbP9wyLXscIORNvQ8d+g+4LJ6kJ0vJ2z8ieu1UA9/h2kquiPCcx0wOYgWGLVbLfLRGTKpVCI+F
4T6MGbJv/7KdOHGiClafiK5m3tFGuuxl//e2+Q9i0Su1x3aUXSqOW+qelrVx5RqxAgMBAAGjggGG
MIIBgjAMBgNVHRMBAf8EAjAAMA4GA1UdDwEB/wQEAwIGwDAWBgNVHSUBAf8EDDAKBggrBgEFBQcD
CDBFBgNVHSAEPjA8MDoGDisGAQQBgagYAgEBAQUBMCgwJgYIKwYBBQUHAgEWGmh0dHA6Ly9jcC5l
LXN6aWduby5odS9xY3BzMB0GA1UdDgQWBBQcTATIadRfy2XgQMQiEH9hxqG0YTAfBgNVHSMEGDAW
gBTLD8bfQkPMPcu1SCOhGnqmKrs0aDAbBgNVHREEFDASgRBpbmZvQGUtc3ppZ25vLmh1MDYGA1Ud
HwQvMC0wK6ApoCeGJWh0dHA6Ly9jcmwuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5jcmwwbgYIKwYB
BQUHAQEEYjBgMCsGCCsGAQUFBzABhh9odHRwOi8vcm9vdG9jc3AyMDA5LmUtc3ppZ25vLmh1MDEG
CCsGAQUFBzAChiVodHRwOi8vd3d3LmUtc3ppZ25vLmh1L3Jvb3RjYTIwMDkuY3J0MA0GCSqGSIb3
DQEBCwUAA4IBAQDUmyFsMGXoI5mPtt5/d1qK5hmT7ha0ZclVo7482bnEUurxTKGPSQjn8HrP7+s6
1nIFRXoi/OCWISuzadJGoq4eofTVTWN0h5KD0CBw2/lYO/zUI+SMmA40XOH20B3F2IBqeMrqXnc8
QUpAT1q7HoKWbTkmdJDnN3bufl/cXqvSzEoS19k8qoYgpsLkbHoWXF2T48Ddt62LehmdYHBjs379
35TrEleQd8qnnPZjW/XffFHW90m8KtCrw4t6bUJler5tF0+fniw1ypTWv3cAwX2f+e2a3bC+rEtw
QfCvnba18MF5zksvK0krYdkM7vFp0Ya/Uds5h19QVf0M1WBUgHvV
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: https://tsa.e-szigno.hu/tsa2

https://btsa.e-szigno.hu/tsa2

2.2.35.1. Qualified e-Szigno TSA 2010 02

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name: *English:* Qualified e-Szigno TSA 2010 02

Hungarian: Qualified e-Szigno TSA 2010 02

Service digital identity: *Subject key identifier:*

1C 4C 04 C8 69 D4 5F CB 65 E0 40 C4 22 10 7F 61 C6 A1 B4 61

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2010-02-28T21:00:00.000Z   (28 Feb 2010 22:00:00 CET)

2.2.36. Qualified e-Szigno TSA 2010 03

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name: *English:* Qualified e-Szigno TSA 2010 03

Hungarian: Qualified e-Szigno TSA 2010 03

Service digital identity: *Subject key identifier:*

74 50 02 8D CC FA E7 F4 EC 61 2C D3 AC 93 C6 D0 FA 1B DB 1B

Service digital identity: *Version:*

3

Serial number:

29 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2010 03,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

74 50 02 8D CC FA E7 F4 EC 61 2C D3 AC 93 C6 D0 FA 1B DB 1B

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2010-02-28T21:00:00.000Z   (28 Feb 2010 22:00:00 CET)

Valid to:

2022-02-28T21:00:00.000Z   (28 Feb 2022 22:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

F7:E7:C4:7E:82:1D:DE:38:28:D8:C0:F7:6A:B3:38:2A:EB:CC:E9:A3

SHA-256:

ED:99:42:07:87:76:44:28:F5:3C:B6:CF:1E:3F:41:9E:7A:C0:99:96:90:B1:C3:52:83:63:30:F6:65:AC:D7:B0

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100CB4CB5A5C8619D84129534A1BF87BCB5C233E3557F6A73EB0E7471C4CFDBB72B2EBC35ABDE24
45D2FA88374CA6EA412E178E89F218026D64E642DA22DD4D36B764C2B77866B7AF01DA2EAE56AB46ABD067FF3C32E7
258E087888EC7D5261DBB65BF3AB7C5100D0359925C18B22B88737581BD92DC399F1A8DFD02C3282BB791D3E81704F2
6AD1FCEF5859D0329C9C932001E12B77241B0BDC9A1670815D55024F10E359ADD345E63ECE7E75B9E254CD22D1FF0E
A00D1FC664C5E1832B6FA77592FA619181E6802D30FCA75EFA5B90067A458EC84AC28D8F02D7F35651E8CC114159D0
3ACAA991247B7CD1235200E42F345AC0E396760966AC534E1AEF9F7C3E810203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.5.1

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIFCTCCA/GgAwIBAgIBHTANBgkqhkiG9w0BAQsFADCBgjELMAkGA1UEBhMCSFUxETAPBgNVBAcM
CEJlZGFwZXN0MRYwFAYDVQQKDA1NaWNyb3NlYyBMdGQuMScwJQYDVQQDDB5NaWNyb3NlYyBlLVN6
aWdubyBSb290IENBIDIwMDkxHzAdBgkqhkiG9w0BCQEWEGluZm9AZS1zemlnbm8uaHUwHhcNMTAw
MjI4MjEwMDAwWhcNMjIwMjI4MjEwMDAwWjCBgjELMAkGA1UEBhMCSFUxETAPBgNVBAcMCEJlZGFw
ZXN0MRYwFAYDVQQKDA1NaWNyb3NlYyBMdGQuMScwJQYDVQQDDB5RdWFsaWZpZWQgZS1Temlnbm8g
VFNBIDIwMTAgMDMxHzAdBgkqhkiG9w0BCQEWEGluZm9AZS1zemlnbm8uaHUwggEiMA0GCSqGSIb3
DQEBAQUAA4IBDwAwggEKAoIBAQDLTLWlyGGdhBKVNKG/h7y1wjPjVX9qc+s0dHHEz9u3Ky68Nave
JEXS+og3TKbqQS4XjonyGAJtZOZC2iLdTTa3ZMK3eGa3rwHaLq5Wq0ar0Gf/PDLnJY4IeIjsfVJh
27Zb86t8UQDTWZJcGLIriHNlgb2S3DmfGo39AsMoK7eR0+gXBPJq0fzvWFnQMpyckyAB4St3JBsL
3JoWcIFdVQJPEONZrdNF5j70fnW54lTNItH/DqANH8ZkxeGDK2+ndZL6YZGB5oAtMPynXvpbkAZ6
RY7ISsKNjwLX81ZR6MwRQVnQOsqpkSR7fNEjUgDkLzRawOOWdglmrFNOGu+fD6BAgMBAAGjggGG
MIIBgjAMBgNVHRMBAf8EAjAAMA4GA1UdDwEB/wQEAwIGwDAWBgNVHSUBAf8EDDAKBggrBgEFBQcD
CDBFBgNVHSAEPjA8MDoGDisGAQQBgagYAgEBAQUBMCgwJgYIKwYBBQUHAgEWGmh0dHA6Ly9jcC5l
LXN6aWduby5odS9xY3BzMB0GA1UdDgQWBBR0UAKNzPrn90xhLN0sk8bQ+hvbGzAfBgNVHSMEGDAW
gBTLD8bfQkPMPcu1SCOhGnqmKrs0aDAbBgNVHREEFDASgRBpbmZvQGUtc3ppZ25vLmh1MDYGA1Ud
HwQvMC0wK6ApoCeGJWh0dHA6Ly9jcmwuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5jcmwwbgYIKwYB
BQUHAQEEYjBgMCsGCCsGAQUFBzABhh9odHRwOi8vcm9vdG9jc3p3MDA5LmUtc3ppZ25vLmh1MDEG
CCsGAQUFBzAChiVodHRwOi8vd3d3LmUtc3ppZ25vLmh1L3Jvb3RjYTIwMDkuY3J0MA0GCSqGSIb3
DQEBCwUAA4IBAQAag0htzBfOiPqLKmKnKJe8aF5EWIpGqr0rnwaUaz5TDI0T1Z8ypsiChK95370f
JDaDtLdyg/tF0ivvCwznFeGxxgfRq0ck+uYVNBj3bslR00SkaiUKQ8Lm4g5yC+HCMpqkyXRSiIzW
RZEKDCwftdtuj5WT2p8yBcOjiADDMen3FfiBtmbRuKrjiKH8C4AVsbrrVobBFPKhxjU43MzrIMfS
VQH7rsZjTboNwCzfw+SGqy0IeDgkDlcqKj82ixJhDZO8UqCyYP/gP6uNzTUJOc97ijhaqODKySUn
zYEKA8g8yOCg4T3FEOpHj5TZpUoE8Dg5hhdjO2ijBPEEVqOHOsrH
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: https://tsa.e-szigno.hu/tsa2

https://btsa.e-szigno.hu/tsa2

2.2.36.1. Qualified e-Szigno TSA 2010 03

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 2010 03

Hungarian: Qualified e-Szigno TSA 2010 03

Service digital identity: *Subject key identifier:*

74 50 02 8D CC FA E7 F4 EC 61 2C D3 AC 93 C6 D0 FA 1B DB 1B

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2010-02-28T21:00:00.000Z   (28 Feb 2010 22:00:00 CET)

2.2.37. Qualified e-Szigno TSA 2010 04

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 2010 04

Hungarian: Qualified e-Szigno TSA 2010 04

Service digital identity: *Subject key identifier:*

3D 37 BA 38 92 2F D8 46 5A DF 23 20 64 F0 B6 F2 B1 99 86 C8

Service digital identity: *Version:*

3

Serial number:

30 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2010 04,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

3D 37 BA 38 92 2F D8 46 5A DF 23 20 64 F0 B6 F2 B1 99 86 C8

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2010-02-28T21:00:00.000Z   (28 Feb 2010 22:00:00 CET)

Valid to:

2022-02-28T21:00:00.000Z   (28 Feb 2022 22:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

0D:DC:62:4E:C6:B5:73:34:F2:0C:5D:DA:72:E2:6F:48:9E:94:CF:74

SHA-256:

12:E7:E0:19:78:39:46:0E:51:30:08:FF:FF:DD:BB:31:BF:7D:B4:C2:9C:F6:29:00:AB:FE:3E:23:90:BC:3E:D7

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100D8D46988175FD82EAA4874CA3976E762DAA49B27E5266006E212B32621F1265FF7DDCAE93417
CEE916250A7070EF5F9E1838D427C0D1A6E6705E4C45F6CC744543D6E9FD6C67C071D0BBC52E0B9FF3453E43AE3FD7
95D04A3FDDF304A5A4CD1D854E74FC95C90BE44F36ADCC5786D577372878940C91E8D66CDEA95416A009FA35FE4083
2B0F63E4CC4C914EC2E7E3D9034B7DF34ED02EF4FFF81762F99A3878481271A45CE7B58CE2F2CD64D0A9B09886C454
BA6FD4B7E4EC3504CA9353174A63D86ECCB6F4404F264AC696E1A10B3B4A94E5AB794B28FC0F4B631A2711DD3C8FF2
C9B929D1BCC6371A908C82BC80863697E714285256BBEC774C5424DF7A510203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.5.1

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIFCTCCA/GgAwIBAgIBHjANBgkqhkiG9w0BAQsFADCBgjELMAkGA1UEBhMCSFUxETAPBgNVBAcM
CEJlZGFwZXN0MRYwFAYDVQQKDA1NaWNyb3NlYyBMdGQuMScwJQYDVQQDDB5NaWNyb3NlYyBlLVN6
aWdubyBSb290IENBIDIwMDkxHzAdBgkqhkiG9w0BCQEWEGluZm9AZS1zemlnbm8uaHUwHhcNMTAw
MjI4MjEwMDAwWhcNMjIwMjI4MjEwMDAwWjCBgjELMAkGA1UEBhMCSFUxETAPBgNVBAcMCEJlZGFw
ZXN0MRYwFAYDVQQKDA1NaWNyb3NlYyBMdGQuMScwJQYDVQQDDB5RdWFsaWZpZWQgZS1Temlnbm8g
VFNBIDIwMTAgMDQxHzAdBgkqhkiG9w0BCQEWEGluZm9AZS1zemlnbm8uaHUwggEiMA0GCSqGSIb3
DQEBAQUAA4IBDwAwggEKAoIBAQDY1GmIF1/YLqpIdMo5dudi2qSbJ+UmYAbiErMmIfEmX/fdyuk0
F87pFiUKcHDvX54YONQnwNGm5nBeTEX2zHRFQ9bp/WxnwHHQu8UuC5/zRT5Drj/XldBKP93zBKWk
zR2FTnT8lckL5E82rcxXhtV3Nyh4lAyR6NZs3qlUFqAJ+jX+QIMrD2PkzEyRTsLn49kDS33zTtAu
9P/4F2L5mjh4SBJxpFzntYzi8s1k0KmwmIbEVLpv1Lfk7DUEypNTF0pj2G7MtvRATyZKxpbhoQs7
SpTlq3lLKPwPS2MaJxHdPI/yybkp0bzGNxqQjIK8gIY2l+cUKFJWu+x3TFQk33pRAgMBAAGjggGG
MIIBgjAMBgNVHRMBAf8EAjAAMA4GA1UdDwEB/wQEAwIGwDAWBgNVHSUBAf8EDDAKBggrBgEFBQcD
CDBFBgNVHSAEPjA8MDoGDisGAQQBgagYAgEBAQUBMCgwJgYIKwYBBQUHAgEWGmh0dHA6Ly9jcC5l
LXN6aWduby5odS9xY3BzMB0GA1UdDgQWBBQ9N7o4ki/YRlrfIyBk8LbysZmGyDAfBgNVHSMEGDAW
gBTLD8bfQkPMPcu1SCOhGnqmKrs0aDAbBgNVHREEFDASgRBpbmZvQGUtc3ppZ25vLmh1MDYGA1Ud
HwQvMC0wK6ApoCeGJWh0dHA6Ly9jcmwuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5jcmwwbgYIKwYB
BQUHAQEEYjBgMCsGCCsGAQUFBzABhh9odHRwOi8vcm9vdG9jc3AyMDA5LmUtc3ppZ25vLmh1MDEG
CCsGAQUFBzAChiVodHRwOi8vd3d3LmUtc3ppZ25vLmh1L3Jvb3RjYTIwMDkuY3J0MA0GCSqGSIb3
DQEBCwUAA4IBAQBUWJKN80zxTdPLZNCjxXzYIaAcndCH427do1Hjf7w4f0Uf5WPRk5QhsgQdQoF1
nURcKFJOnDeUdUN0R7D3z0ik919GiUDX/9WEnJEL2Yfw5Is/5s15iCtvqQc3mJfz20V1nQfRCRU5
07kevnN8NyM9X862Sl6az+yrQDX7M6x93re/Q5Do3Lj0cuGxJ+YAKUPYK2HbpYXT4/awgV1yh0wb
3EtGF11/A772fC66mrfNq10E6V0mnLfOC0yIL650HvqwpCSZh7iM4mRRMI0dOWi5e0ccvVmuHVtZ
nl5L/jgsd0iU55dQFRm0UUibjykAPdeBXBh/mEHTFU6v42tjGaR3
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points:

https://tsa.e-szigno.hu/tsa2

https://btsa.e-szigno.hu/tsa2

2.2.37.1. Qualified e-Szigno TSA 2010 04

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name: *English:* Qualified e-Szigno TSA 2010 04

Hungarian: Qualified e-Szigno TSA 2010 04

Service digital identity: *Subject key identifier:*

3D 37 BA 38 92 2F D8 46 5A DF 23 20 64 F0 B6 F2 B1 99 86 C8

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2010-02-28T21:00:00.000Z   (28 Feb 2010 22:00:00 CET)

2.2.38. Qualified e-Szigno TSA 2010 05

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 2010 05

Hungarian: Qualified e-Szigno TSA 2010 05

Service digital identity: *Subject key identifier:*

B5 8D 9C 61 5B 09 B8 C6 81 65 A8 61 B2 03 B5 E4 11 DB 12 49

Service digital identity: *Version:*

3

Serial number:

31 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2010 05,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

B5 8D 9C 61 5B 09 B8 C6 81 65 A8 61 B2 03 B5 E4 11 DB 12 49

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2010-02-28T21:00:00.000Z   (28 Feb 2010 22:00:00 CET)

Valid to:

2022-02-28T21:00:00.000Z   (28 Feb 2022 22:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

07:04:24:4C:54:37:F2:10:55:38:56:7F:5C:CB:1F:AE:9B:A6:C5:B4

SHA-256:

A6:05:3A:B7:54:3A:F9:FE:8F:2E:55:5D:16:E9:A9:66:4F:F6:DD:EB:88:D0:A7:9F:AC:50:1F:7B:14:06:C4:96

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100B1AA1C883DB48C08E92BA9402F0F1081D478A157496963763FDD65442A5D02D2005A4FD17AC3
8F48A20D901954FD62C7FD3E3516C57F1A49C07DFC249FF3589F1A79E21D69E5AEB8011102A22BF0977EA28E97128A
E6F0FE19D07859F02B92DD3AB5C1FA64E6FC6B19A7D23415F6C5C9AD2D8D46C3960C9E3AFC37380D040747DE0CBF86
9FD907116D6C3E9DBE488FBEE8025E109437E349F397899D0E47780D59DFBC3B331B200BE8441ABBA4129425CBE6C3
9C80BDF33F544656F209ADBF3307EF1CD9449BA879D21325FCC07CB3CECD79497B0A21C5508B1308E2E54F7342CF26
A2D716E9047B0453B58F54AD902F2F7219E03BF187942CA0EB514156945B0203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.5.1

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

```
-----BEGIN CERTIFICATE-----
MIIFCTCCA/GgAwIBAgIBHzANBgkqhkiG9w0BAQsFADCBgjELMAkGA1UEBhMCSFUxETAPBgNVBAcM
CEJlZGFwZXN0MRYwFAYDVQQKDA1NaWNyb3NlYyBMdGQuMScwJQYDVQQDDB5NaWNyb3NlYyBlLVN6
aWdubyBSb290IENBIDIwMDkxHzAdBgkqhkiG9w0BCQEWEGluZm9AZS1zemlnbm8uaHUwHhcNMTAw
MjI4MjEwMDAwWhcNMjIwMjI4MjEwMDAwWjCBgjELMAkGA1UEBhMCSFUxETAPBgNVBAcMCEJlZGFw
ZXN0MRYwFAYDVQQKDA1NaWNyb3NlYyBMdGQuMScwJQYDVQQDDB5RdWFsaWZpZWQgZS1Temlnbm8g
VFNBIDIwMTAgMDUxHzAdBgkqhkiG9w0BCQEWEGluZm9AZS1zemlnbm8uaHUwggEiMA0GCSqGSIb3
DQEBAQUAA4IBDwAwggEKAoIBAQCxqhyIPbSMCOkrqUAvDxCB1HihV0lpY3Y/3WVEKl0C0gBaT9F6
w49Iog2QGVT9Ysf9PjUWxX8aScB9/CSf81ifGnniHWnlrrgBEQKiK/CXfqKOlxKK5vD+GdB4WfAr
kt06tcH6Z0b8axmn0jQV9sXJrS2NRsOWDJ46/Dc4DQQHR94Mv4af2QcRbWw+nb5Ij77oAl4QlDfj
SfOXiZ0OR3gNWd+8OzMbIAvoRBq7pBKUJcvmw5yAvfM/VEZW8gmtvzMH7xzZRJuoedITJfzAfLPO
zXlJewohxVCLEwji5U9zQs8motcW6QR7BFOlj1StkC8vchngO/GHlCyg61FBVpRbAgMBAAGjggGG
MIIBgjAMBgNVHRMBAf8EAjAAMA4GA1UdDwEB/wQEAwIGwDAWBgNVHSUBAf8EDDAKBggrBgEFBQcD
CDBFBgNVHSAEPjA8MDoGDisGAQQBgagYAgEBAQUBMCgwJgYIKwYBBQUHAgEWGmh0dHA6Ly9jcC5l
LXN6aWduby5odS9xY3BzMB0GA1UdDgQWBBS1jZxhWwm4xoFlqGGyA7XkEdsSSTAfBgNVHSMEGDAW
gBTLD8bfQkPMPcu1SCOhGnqmKrs0aDAbBgNVHREEFDASgRBpbmZvQGUtc3ppZ25vLmh1MDYGA1Ud
HwQvMC0wK6ApoCeGJWh0dHA6Ly9jcmwuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5jcmwwbgYIKwYB
BQUHAQEEYjBgMCsGCCsGAQUFBzABhh9odHRwOi8vcm9vdGG9jc3AyMDA5LmUtc3ppZ25vLmh1MDEG
CCsGAQUFBzAChiVodHRwOi8vd3d3LmUtc3ppZ25vLmh1L3Jvb3RjYTIwMDkuY3J0MA0GCSqGSIb3
DQEBCwUAA4IBAQDeWDgowhK6oLpGhEI8WCXKS3bCdBl0JQzDY5MBtFJOEVHZuVex0hjZVW6kr/1z
CXWRB/WO+0lTLwDe3Lcf3tc/SwAPDGtUqbyaPeO9RrFmKVbgkVgAtPMjMICVQLSKAh0zE6IHjzf4
hsJo8ixben/p9c4rF7oKL2aWZn8/FDVa4M0rXAl0RV8LE4/iuPVaGZ3NiL5LIvD3i4C5qnvqMeiv
8Oo5o3/MjHHOkDSJEfF9+rrifQAxLW2qCjDKDpm3H7zfFI6T7AhH4bGNJuO1W+6Rb19B2DFlSpAu
RpjUsiumTZDH8lElneYeh+jIxoBKSxUwjcDyrKNHiOBCsF3GKEyq
-----END CERTIFICATE-----
```

Service status:	http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time:	2016-06-30T22:00:00.000Z (01 Jul 2016 00:00:00 CEST)
Service supply points:	https://tsa.e-szigno.hu/tsa2
	https://btsa.e-szigno.hu/tsa2

2.2.38.1. Qualified e-Szigno TSA 2010 05

Provider: 2
Service: 38
History: 1/1

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name: *English:* Qualified e-Szigno TSA 2010 05

Hungarian: Qualified e-Szigno TSA 2010 05

Service digital identity: *Subject key identifier:*

B5 8D 9C 61 5B 09 B8 C6 81 65 A8 61 B2 03 B5 E4 11 DB 12 49

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2010-02-28T21:00:00.000Z   (28 Feb 2010 22:00:00 CET)

2.2.39. Qualified e-Szigno TSA 2011 01

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 2011 01

Hungarian: Qualified e-Szigno TSA 2011 01

Service digital identity: *Subject key identifier:*

9D 66 50 EE F8 39 BB A1 96 F6 FB 18 24 E0 5A B8 C6 07 50 55

Service digital identity: *Version:*

3

Serial number:

10 163 751 856 827 400 338 412 036 362 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2011 01,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

9D 66 50 EE F8 39 BB A1 96 F6 FB 18 24 E0 5A B8 C6 07 50 55

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2011-02-23T09:00:00.000Z   (23 Feb 2011 10:00:00 CET)

Valid to:

2023-02-23T09:00:00.000Z   (23 Feb 2023 10:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

3C:97:F2:7B:9B:31:3D:9E:E2:57:82:46:22:93:F6:0C:41:06:D3:5F

SHA-256:

09:C5:CA:0E:CA:28:6C:E7:2A:DA:A1:B7:9D:EA:07:04:CD:8B:1C:D0:4D:AF:61:52:1C:B2:2E:66:94:25:15:31

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100AA2B42D20E346739EA26E7627E9D93FB0FC3B2B6661FA8A780D9A17F23F921CD3ED6C5C33978
2F2C3539294F715953E75127E049BE128DDCB948F5C012981B1704F2B955591BC6F3DA3F1CA7FDB8338CB3B95104E4
1D086DADE162ECC41051C26D4A26F7F5944046D8578DA091D5C90CACC44278FFA0D0CB549224E6F41D5E2687F17986
9054BF54323E96E1790E19226C1C85FE4F8FA9FDFFFEFCBE575778B8CD07E52E968E3DB949E165555CFDC683BD7094
A7423CAFA3384DF80754EEA57614C7AC2D07E99E20AFB5B30A3C687BD3AC15249A036A9BC8BD9A7134D8B093ACF6FE
3B97371BBAE3C8B79DB387A0A2E4046112B6AA8E266FE66A7C6D436F66090203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.5.1

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIFFDCCA/ygAwIBAgIMINdCLDBUshe6lmEKMA0GCSqGSIb3DQEBCwUAMIGCMQswCQYDVQQGEwJI
VTERMA8GA1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1p
Y3Jvc2VjIGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdu
by5odTAeFw0xMTAyMjMwOTAwMDBaFw0yMzAyMjMwOTAwMDBaMIGCMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1pY3Jvc2Vj
IGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWduby5odTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAKorQtIONGc56ibnYn6dk/sPw7K2Zh+op4DZ
oX8j+SHNPtbFwzl4Lyw1OSlPcVlT51En4Em+Eo3cuUj1wBKYGxcE8rlVWRvG89o/HKf9uDOMs7lR
BOQdCG2t4WLsxBBRwm1KJvflLEBG2FeNoJHVyQysxEJ4/6DQy1SSJOb0HV4mh/F5hpBUv1QyPpbh
eQ4ZImwchf5Pj6n9//78vldXeLjNB+Uulo49uUnhZVVc/caDvXCUpOI8r6M4TfgHVO6ldhTHrC0H
6Z4gr7WzCjxoe9OsFSSaA2qbyL2acTTYsJOs9v47lzcbuuPIt52zh6Ci5ARhEraqjiZv5mp8bUNv
ZgkCAwEAAaOCAYYwggGCMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgbAMBYGA1UdJQEB/wQM
MAoGCCsGAQUFBwMIMEUGA1UdIAQ+MDwwOgYOKwYBBAGBqBgCAQEBBQEwKDAmBggrBgEFBQcCARYa
aHR0cDovL2NwLmUtc3ppZ25vLmh1L3FjcHMwHQYDVR00BBYEFJ1mUO740buhlvb7GCTgWrjGB1BV
MB8GA1UdIwQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRoMBsGA1UdEQQUMBKBEGluZm9AZS1zemln
bm8uaHUwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2NybC5lLXN6aWduby5odS9yb290Y2EyMDA5
LmNybDBuBggrBgEFBQcBAQRiMGAwKwYIKwYBBQUHMAGGH2h0dHA6Ly9yb290b2NzcDIwMDkuZS1z
emlnbm8uaHUwMQYIKwYBBQUHMAKGJWh0dHA6Ly93d3cuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5j
cnQwDQYJKoZIhvcNAQELBQADggEBAG7kKbFiyIimyopm40B7l15L8Cnt7tB1CXV94CvMbANtVfS7
Np4nh2DIL+DURlW1rQ7vW0svN8AHkSgnqa6Mehss0ZIWw9zjzb/hDe4On5RfEr10FY40LhVml2Dw
ZP2p0lRJJ0x/8Cm5bqyY/406MQ9VBYj7ldm88LPG/If6CUXEb5DhpQ1qCF2PEEOnnzwl3BN0ouoP
WpxUDDpVeNXv65+7ndEPi9bsUl83WRWF50DY4qMcXn504UhyooAq1r4wqTeXQHGecNrXANSEYyp2
cZ+Ma+yfCbQYHm6I4w1RXMv22+2yZ1WcX2Yc30J/PMSePId9biQLX5ZfuHL1EqeAJe0=
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: https://tsa.e-szigno.hu/tsa2

https://btsa.e-szigno.hu/tsa2

2.2.39.1. Qualified e-Szigno TSA 2011 01

Provider: 2
Service: 39
History: 1/1

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name: *English:* Qualified e-Szigno TSA 2011 01

Hungarian: Qualified e-Szigno TSA 2011 01

Service digital identity: *Subject key identifier:*

9D 66 50 EE F8 39 BB A1 96 F6 FB 18 24 E0 5A B8 C6 07 50 55

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2011-02-23T09:00:00.000Z   (23 Feb 2011 10:00:00 CET)

2.2.40. Qualified e-Szigno TSA 2011 02

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name:

English: Qualified e-Szigno TSA 2011 02

Hungarian: Qualified e-Szigno TSA 2011 02

Service digital identity: *Subject key identifier:*

72 0F 69 47 0E 46 69 8A 14 44 AE D3 BC B9 45 CF 2A 77 B2 72

Service digital identity: *Version:*

3

Serial number:

10 350 112 086 328 545 626 600 677 898 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2011 02,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

72 0F 69 47 0E 46 69 8A 14 44 AE D3 BC B9 45 CF 2A 77 B2 72

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2011-02-23T09:00:00.000Z   (23 Feb 2011 10:00:00 CET)

Valid to:

2023-02-23T09:00:00.000Z   (23 Feb 2023 10:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

A7:11:F6:1C:87:6C:EB:4A:EE:D1:08:FC:FE:25:DB:98:5B:2C:EF:D6

SHA-256:

2E:4D:E1:D3:55:47:52:8E:BA:8D:E2:37:3D:CA:8F:C2:9A:F5:7F:C8:4D:65:49:2C:70:91:18:87:84:89:1C:B0

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A02820101009108F184E8350A8EE95AA8E49FEF1005CA7FAE6D0E51B0EE9A2656AAC552BBE6F7AA3942E2D6
0FC8C05ACCAA470889A2F8204A45152E63F794E520D07F67B4CC6A4AAA8E6E44409AB4F7513FC897FC83AADFCF473F
52E8737DBB44B6D64BB4C0BEF9D8D85AC8632BE00F5F8B5165774DB6F4E406FAA4AC29F8D651FF9C71338E0BB2B33E
5123555E4D30FEFAFE57E8C7D730734C45BFFB6846FE55B48570C83FEC689411D8273A0F911AD293896799A002C638
23B324F2A4755807051BA87CB3928EAF609D734FCFA030D0644335821DE28A13B813E365AA2D345B2563DE826077F1
B821077E3ABB359CB0281E8E3C37CB628D92D098C89ABAE5C50E9E7F32B90203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.5.1

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIFFDCCA/ygAwIBAgIMIXFpfHkp0LCFoqIKMA0GCSqGSIb3DQEBCwUAMIGCMQswCQYDVQQGEwJI
VTERMA8GA1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1p
Y3Jvc2VjIGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdu
by5odTAeFw0xMTAyMjMwOTAwMDBaFw0yMzAyMjMwOTAwMDBaMIGCMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1pY3Jvc2Vj
IGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWduby5odTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAJEI8YToNQqO6Vqo5J/vEAXKf65tDlGw7pom
VqrFUrvm96o5QuLWD8jAWsyqRwiJovggSkUVLmP3lOUg0H9ntMxqSqqObkRAmrT3UT/Il/yDqt/P
Rz9S6HN9u0S21ku0wL752NhayGMr4A9fi1Fld02290QG+qSsKfjWUf+ccTOOC7KzPlEjVV5NMP76
/lfox9cwc0xFv/toRv5VtIVwyD/saJQR2Cc6D5Ea0pOJZ5mgAsY4I7Mk8qR1WAcFG6h8s5KOr2Cd
c0/PoDDQZEM1gh3iihO4E+Nlqi00WyVj3oJgd/G4IQd+Ors1nLAoHo48N8tijZLQmMiauuXFDp5/
MrkCAwEAAaOCAYYwggGCMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgbAMBYGA1UdJQEB/wQM
MAoGCCsGAQUFBwMIMEUGA1UdIAQ+MDwwOgYOKwYBBAGBqBgCAQEBBQEwKDAmBggrBgEFBQcCARYa
aHR0cDovL2NwLmUtc3ppZ25vLmh1L3FjcHMwHQYDVR00BBYEFHIPaUcORmmKFESu07y5Rc8qd7Jy
MB8GA1UdIwQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRoMBsGA1UdEQQUMBKBEGluZm9AZS1zemln
bm8uaHUwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2NybC51LXN6aWduby5odS9yb290Y2EyMDA5
LmNybDBuBggrBgEFBQcBAQRiMGAwKwYIKwYBBQUHMAGGH2h0dHA6Ly9yb290b2NzcDIwMDkuZS1z
emlnbm8uaHUwMQYIKwYBBQUHMAKGJWh0dHA6Ly93d3cuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5j
cnQwDQYJKoZIhvcNAQELBQADggEBAJUQkrout70G4FEx+5IZaabTy8wqBYtBhW9mOyWrbXd2EnjR
fn0hXw44EhtdM04TyRMZDzdB/oqyNrcUJ/5AAcxSUQjQaB4w5bUR016aDQMJqauCcwdx0QOPa613
rDeJXdcdkjzi89skKd4JMGWS2QilWjaNbCfZzvAffkg0gXhQv99XVogKS9W3N/GNFIj8hluBcTUy
phS1gbxnQjss7/AzocztnJ7SIDQnvzPMgKkbDjsGONK5uOFrW/xnfK9uXF08TVaakOoonSn0WFEp
a5k2HhX0Zseqj7+5GztgwB0t9jyZ9KFtRvTV56w96A+skjZ9PUireMyEFoX4aVi9DTQ=
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points:

https://tsa.e-szigno.hu/tsa2

https://btsa.e-szigno.hu/tsa2

2.2.40.1. Qualified e-Szigno TSA 2011 02

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name:

English: Qualified e-Szigno TSA 2011 02

Hungarian: Qualified e-Szigno TSA 2011 02

Service digital identity: *Subject key identifier:*

72 0F 69 47 0E 46 69 8A 14 44 AE D3 BC B9 45 CF 2A 77 B2 72

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2011-02-23T09:00:00.000Z   (23 Feb 2011 10:00:00 CET)

2.2.41. Qualified e-Szigno TSA 2011 03

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 2011 03

Hungarian: Qualified e-Szigno TSA 2011 03

Service digital identity: *Subject key identifier:*

95 20 F2 E5 DB 33 49 DB EF FB 23 35 56 41 15 EB 0D F9 D5 E2

Service digital identity: *Version:*

3

Serial number:

10 746 776 948 427 197 295 762 597 386 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2011 03,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

95 20 F2 E5 DB 33 49 DB EF FB 23 35 56 41 15 EB 0D F9 D5 E2

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2011-02-23T09:00:00.000Z   (23 Feb 2011 10:00:00 CET)

Valid to:

2023-02-23T09:00:00.000Z   (23 Feb 2023 10:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

03:A6:37:F4:BE:0A:7F:5C:D8:C2:93:A7:C1:DB:84:A9:E5:EB:E1:F2

SHA-256:

D4:5A:4A:4C:06:5E:93:5D:13:9F:80:2B:91:67:5F:36:04:CD:77:66:41:F8:D6:D3:E8:01:0F:D7:28:E5:57:A4

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100B2762BA4A808CE03B69FB90B59BAED2F01180B9F7C380ED212A1DECAC00C0B9788C116B6CFCB
3E20E379B3998F666CB0162F635EE99A20914FB7A3A729FD5A6694E5D4D79097ADA606F05255026DF1FA1AE1C8E320
B7DB27A33D6F161E5FFCC26E11A582340A6D25071C6F8A17A21E3989D2CEB9E43D52414EF31D2D93A4D7C3270D9BC4
C6842CBB9C4C95944716A5E5BD43609FE1491E4FD860E92B0C4DB2BD05248C0A5D8698335B99A889C6B6D3BA153190
8810B887E565C750019C532843B497FEB404C9C93B5561226E0682E03FBF727132D967FD8B25F84F5222AF87FA22B9
1BBB2B730BE18236F9828643F927C9E9F9A79D82CC83A9EBA4A20B0C88D10203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.5.1

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIFFDCCA/ygAwIBAgIMIrmGibwvNZhEP+YKMA0GCSqGSIb3DQEBCwUAMIGCMQswCQYDVQQGEwJI
VTERMA8GA1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1p
Y3Jvc2VjIGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdu
by5odTAeFw0xMTAyMjMwOTAwMDBaFw0yMzAyMjMwOTAwMDBaMIGCMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1pY3Jvc2Vj
IGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWduby5odTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBALJ2K6SoCM4Dtp+5C1m67S8BGAuffDgO0hKh
3srADAuXiMEWts/LPiDjeb0Zj2ZssBYvYl7pmiCRT7ejpyn9WmaU5dTXkJetpgbwUlUCbfH6GuHI
4yC32yejPW8WHl/8wm4RpYI0Cm0lBxxviheiHjmJ0s655D1SQU7zHS2TpNfDJw2bxMaELLucTJWU
Rxal5b1DYJ/hSR5P2GDpKwxNsr0FJIwKXYaYM1uZqInGtt06FTGQiBC4h+Vlx1ABnFMoQ7SX/rQE
yck7VWEibgaC4D+/cnEy2Wf9iyX4TlIir4f6Irkbuytz+GCNvmChkP5J8np+aedgsyDqeukogsM
iNECAwEAAaOCAYYwggGCMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgbAMBYGA1UdJQEB/wQM
MAoGCCsGAQUFBwMIMEUGA1UdIAQ+MDwwOgYOKwYBBAGBqBgCAQEBBQEwKDAmBggrBgEFBQcCARYa
aHR0cDovL2NwLmUtc3ppZ25vLmh1L3FjcHMwHQYDVR00BBYEFJUg8uXbM0nb7/sjNVZBFesN+dXi
MB8GA1UdIwQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRoMBsGA1UdEQQUMBKBEGluZm9AZS1zemln
bm8uaHUwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2NybC5lLXN6aWdub5odS9yb290Y2EyMDA5
LmNybDBuBggrBgEFBQcBAQRiMGAwKwYIKwYBBQUHMAGGH2h0dHA6Ly9yb290Y2NzcDIwMDkuZS1z
emlnbm8uaHUwMQYIKwYBBQUHMAKGJWh0dHA6Ly93d3cuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5j
cnQwDQYJKoZIhvcNAQELBQADggEBAGL4UpykRXsYP2b7KNZ6bbL/Fj86kqIsM8h2z55hHCuE4MB+
z03o2ZbGqe4GmwaLLmU85yqhJf01U0G3lj9IcXjwiUrL/IyHha8tXugCnd9z8UaxdurhBLa39Wzp
NKwKF4QiI48+5J3Tx2uYlWei6tohrQwWRnDaxFxSPjDWBGAKQUAyU49CxA1SNf4FeFDMa3meLpjo
EGBJJ1XM38OowXclZgMk+FPsLE6vZVjRE+7FZLWTXe4zWAbznJM7N0GyBnrb3ebRMD0pgzPwugMN
qZ0TjXkl+k/ZDW4CNonvwpPPbZxeJF5z98KmZDwh5RKts7IAkZKxOqNQgQ2FPcVjyvM=
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: https://tsa.e-szigno.hu/tsa2

https://btsa.e-szigno.hu/tsa2

2.2.41.1. Qualified e-Szigno TSA 2011 03

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name: *English:* Qualified e-Szigno TSA 2011 03

Hungarian: Qualified e-Szigno TSA 2011 03

Service digital identity: *Subject key identifier:*

95 20 F2 E5 DB 33 49 DB EF FB 23 35 56 41 15 EB 0D F9 D5 E2

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2011-02-23T09:00:00.000Z   (23 Feb 2011 10:00:00 CET)

2.2.42. Qualified e-Szigno TSA 2011 04

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name:

English: Qualified e-Szigno TSA 2011 04

Hungarian: Qualified e-Szigno TSA 2011 04

Service digital identity: *Subject key identifier:*

09 D2 C8 88 A4 B9 CB B4 1A 1F 56 24 08 36 AB ED D7 64 19 3C

Service digital identity: *Version:*

3

Serial number:

10 935 965 256 337 612 355 508 168 714 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2011 04,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

09 D2 C8 88 A4 B9 CB B4 1A 1F 56 24 08 36 AB ED D7 64 19 3C

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2011-02-23T09:00:00.000Z (23 Feb 2011 10:00:00 CET)

Valid to:

2023-02-23T09:00:00.000Z (23 Feb 2023 10:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

2A:AE:2C:BF:21:A1:10:62:D5:88:FF:B5:61:CD:19:63:31:CF:68:A9

SHA-256:

34:8B:A0:54:6A:31:3D:CB:8E:47:62:43:4E:03:AB:07:9B:12:EB:F2:1E:55:28:15:C0:7E:83:F3:89:7C:39:FF

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100A6CF30C4990674FD45045F5555AA8E91CB7C599FD2607F8E00110E64D085163FFE58654E8F15
B33F2E00B4F1D3E166DFE13F91AD2A803BE97B4918466BC4B5769F5A66FEFDB5F0628B0E7C3FE2B9F24AB16C4AE10D
57278C7287393FE1C1FDCC8CA53872F8E9C392765AF4BF535D2A6C31D51A36E2EB0DF604BCC1B40A77D57E6484C3FE
985F0DDFE437EA0B4CAB92813112A3D27E09A2AF2EC3797BBE8330C1670EE802FD61E7CB4FA3EA8C52ADEA4DAA3077
4B36DBF0020197BE03AE4F0D754C506F227AE2F632907B7FE5F0091968FD0E7068732FB6FF2210D77259B46E413FE7
058618EEE3578D315CBD16C5001646CEAB24B03959CB827A71EC06FF0BC90203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.5.1

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIFFDCCA/ygAwIBAgIMI1YEuHUVqXW1+OgKMA0GCSqGSIb3DQEBCwUAMIGCMQswCQYDVQQGEwJI
VTERMA8GA1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1p
Y3Jvc2VjIGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdu
by5odTAeFw0xMTAyMjMwOTAwMDBaFw0yMzAyMjMwOTAwMDBaMIGCMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1pY3Jvc2Vj
IGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWduby5odTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAKbPMMSZBnT9RQRfVVWqjpHLfFmf0mB/jgAR
DmTQhRY//lhlTo8Vsz8uALTx0+Fm3+E/ka0qgDvpe0kYRmvEtXafWmb+/bXwYos0fD/iufJKsWxK
4Q1XJ4xyhzk/4cH9zIylOHL46cO5dlr0v1NdKmwx1Ro24usN9gS8wbQKd9V+ZITD/phfDd/kN+oL
TKuSgTESo9J+CaKvLsN5e76DMMFnDugC/WHny0+j6oxSrepNqjB3Szbb8AIBl74Drk8NdUxQbyJ6
4vYykHt/5fAJGWj9DnBocy+2/yIQl3JZtG5BP+cFhhju41eNMVy9FsUAFkbOqySwOVnLgnpx7Ab/
C8kCAwEAAaOCAYYwggGCMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgbAMBYGA1UdJQEB/wQM
MAoGCCsGAQUFBwMIMEUGA1UdIAQ+MDwwOgY0KwYBBAGBqBgCAQEBBQEwKDAmBggrBgEFBQcCARYa
aHR0cDovL2NwLmUtc3ppZ25vLmh1L3FjcHMwHQYDVR0OBBYEFAnSyIikucu0Gh9WJAg2q+3XZBk8
MB8GA1UdIwQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRoMBsGA1UdEQQUMBKBEGluZm9AZS1zemln
bm8uaHUwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2NybC5lLXN6aWduby5odS9yb290Y2EyMDA5
LmNybDBuBggrBgEFBQcBAQRiMGAwKwYIKwYBBQUHMAGGH2h0dHA6Ly9yb290b2NzcDIwMDkuZS1z
emlnbm8uaHUwMQYIKwYBBQUHMAKGJWh0dHA6Ly93d3cuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5j
cnQwDQYJKoZIhvcNAQELBQADggEBAKKIH+SXjzhJp8lpqcVl/DRICP1SJ27uVqIoEi7pJE6rc4XE
6i6PHXlJSEwqk60gN4GL6SyfJq577L9Wiys9VYrrQugMVIvQWKobQ2cgdAeQ/qF2wpStE5JIyu/z
mx8JgEePax9AdbglBg3stz9Whli+n6Lt+ilJcR6Ne0f4am5odrXgkBlzAZwBixkSn/cah4Wjgq57
QHBcAbOMyTFRJ2yb7xtmJlt+DHWKs4JghukafWIddOy7H8aYKTyQHh8N47b4f7yoY4DpzLVONJah
alyrkfUKxnJ/12+l20D6q07fZWUma4eiIfsm6IU5rVvxc88c8mqYYWsnafwxAPRmeBY=
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: https://tsa.e-szigno.hu/tsa2

https://btsa.e-szigno.hu/tsa2

2.2.42.1. Qualified e-Szigno TSA 2011 04

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 2011 04

Hungarian: Qualified e-Szigno TSA 2011 04

Service digital identity: *Subject key identifier:*

09 D2 C8 88 A4 B9 CB B4 1A 1F 56 24 08 36 AB ED D7 64 19 3C

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2011-02-23T09:00:00.000Z   (23 Feb 2011 10:00:00 CET)

2.2.43. Qualified e-Szigno TSA 2011 05

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name:

English: Qualified e-Szigno TSA 2011 05

Hungarian: Qualified e-Szigno TSA 2011 05

Service digital identity:

Subject key identifier:

3B 2E 72 92 5C E8 9F 8B 19 59 9A 64 F1 94 33 4B DA D3 AD D0

Service digital identity:

Version:

3

Serial number:

11 441 092 602 285 203 305 498 876 170 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2011 05,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

3B 2E 72 92 5C E8 9F 8B 19 59 9A 64 F1 94 33 4B DA D3 AD D0

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2011-02-23T09:00:00.000Z   (23 Feb 2011 10:00:00 CET)

Valid to:

2023-02-23T09:00:00.000Z   (23 Feb 2023 10:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

73:2C:EC:D8:1D:7D:BE:0F:C2:A0:B1:D6:55:81:C0:33:79:B2:77:0C

SHA-256:

D1:60:71:0B:0E:52:2D:90:5C:4A:92:6D:FD:9F:CF:E4:7C:B1:11:69:70:6C:C7:01:EA:07:5D:41:AE:20:1B:1B

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100998E069BB27EAEB4B1CE025F560599AA2D939EEF2520B0B00331F370D5ECF3FA0067D2550D1E
4FD533EAEF85573317E71D934B42C5D834A2D8E45D5530930DD5C7A10A47E619D00D631AB80204B933EE0156B197F1
CA47FB5B0959A05858298EA4E6BE94FC586879E1E67185D0E902CC97090E1DBF88DCCEE50121229B065258A84EE1A2
4DA6DED107A2D0892BA21C6977CDCAAA26B7D67AFC5454B07E01BEE278B361C290F08EE28F3A4EEE1DB8DA9DFD8A3C
AB0392691139CF25C23E885D2D4DDC73094AF7A08894C8D65620C2BFB6BDE33AA7E135B06AEA824750D29AB9EB49BE
329520C990695E8ADCC21DF23437590FAEF9FBE3A336FB33A6482C5A06970203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.5.1

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIFFDCCA/ygAwIBAgIMJPfZmMAR3HEkrxkKMA0GCSqGSIb3DQEBCwUAMIGCMQswCQYDVQQGEwJI
VTERMA8GA1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1p
Y3Jvc2VjIGUtU3ppZ25vIEFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdu
by5odTAeFw0xMTAyMjMwOTAwMDBaFw0yMzAyMjMwOTAwMDBaMIGCMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHhlF1YWxpZmll
ZCBlLLVN6aWdubyBUU0EgMjAxMSAwNTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWduby5odTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAJm0Bpuyfq6Osc4CX1YFmaotk57vJSCwsAMx
83DV7PP6AGfSVQ0eT9Uz6u+FVzMX5x2TSOLF2DSi2ORdVTCTDdXHoQpH5hnQDWMauAIEuTPuAVax
l/HKR/tbCVmgWFgpjqTmvpT8WGh54eZxhdDpAsyXCQ4dv4jczuUBISKbBlJYqE7hok2m3tEHotCJ
K6IcaXfNyqomt9Z6/FRUsH4BvuJ4s2HCkPCO4o86Tu4duNqd/Yo8qwOSaRE5zyXCPohdLU3ccwlK
96CIlMjWViDCv7a94zqn4TWwauqCR1DSmrnrSb4ylSDJkGleitzCHfI0N1kPrvn746M2+zOmSCxa
BpcCAwEAAaOCAYYwggGCMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgbAMBYGA1UdJQEB/wQM
MAoGCCsGAQUFBwMIMEUGA1UdIAQ+MDwwOgYOKwYBBAGBqBgCAQEBBQEwKDAmBggrBgEFBQcCARYa
aHR0cDovL2NwLmUtc3ppZ25vLmh1L3FjcHMwHQYDVR00BBYEFDsucpJc6J+LGVmaZPGUM0va063Q
MB8GA1UdIwQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRoMBsGA1UdEQQUMBKBEGluZm9AZS1zemln
bm8uaHUwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2NybC5lLXN6aWduby5odS9yb290Y2EyMDA5
LmNybDBuBggrBgEFBQcBAQRiMGAwKwYIKwYBBQUHMAGGH2h0dHA6Ly9yb290b2NzDIwMDkuZS1z
emlnbm8uaHUwMQYIKwYBBQUHMAKGJWh0dHA6Ly93d3cuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5j
cnQwDQYJKoZIhvcNAQELBQADggEBANY9K+UG3R0P0RlN84EbkHfLcK1kCvCZ4v326VSuggDD6lFs
5pxLs1X5r1mi/xTTx+cxjudigxcLQ3Y48x6vZl0A51l8J7jcD+Sub+8ZnyaZS/tFlL8S/cUiLMJs
MC9MWHkJAKWqvsY4SzCYTnn3rSx8noT3AhhcoNzeuhlTLKKvdhkhBdt8C65aMCFq8lxTmLmQkOaJ
GjfYp0ZkEJseCsPp9oY2JWDINPQLUWTD+t7j9Eo0AWEi4U77tOYOPHQYDDmLPMNbM6vcgq43H3mq
53+HfTPhJaoNYCE9fahPvXAOi0MVWqGPHPRN6AdPSq+Q43JYRedy+gfl1Dk2ACMFzjBk=
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points:

https://tsa.e-szigno.hu/tsa2

https://btsa.e-szigno.hu/tsa2

2.2.43.1. Qualified e-Szigno TSA 2011 05

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 2011 05

Hungarian: Qualified e-Szigno TSA 2011 05

Service digital identity: *Subject key identifier:*

3B 2E 72 92 5C E8 9F 8B 19 59 9A 64 F1 94 33 4B DA D3 AD D0

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2011-02-23T09:00:00.000Z (23 Feb 2011 10:00:00 CET)

2.2.44. Qualified e-Szigno TSA 2012 01

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 2012 01

Hungarian: Qualified e-Szigno TSA 2012 01

Service digital identity: *Subject key identifier:*

D4 4E 10 4E 00 FC 38 D9 76 31 20 46 28 7C 31 42 5C 4F 03 E9

Service digital identity: *Version:*

3

Serial number:

11 470 622 109 846 731 343 565 325 834 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2012 01,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

D4 4E 10 4E 00 FC 38 D9 76 31 20 46 28 7C 31 42 5C 4F 03 E9

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2012-02-07T20:00:00.000Z   (07 Feb 2012 21:00:00 CET)

Valid to:

2024-02-07T20:00:00.000Z   (07 Feb 2024 21:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

72:06:D5:30:D6:C4:A6:B9:9A:D4:FF:ED:6B:19:86:27:D1:D7:3A:F3

SHA-256:

4F:3D:02:62:0B:5C:B4:6A:21:21:2C:CC:2C:01:F0:49:FC:FB:45:60:4F:7B:60:30:7D:C4:0F:ED:BC:22:04:EB

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100B51E099EF17B6D85828931DF2687AF074C828A46077F9234E67298FED98A0B9258A39CCEF11F
0C449098AC53F946C62006398BA2E8B5FE202C39C9D29785FC1122FE4523AC1729B074407FDBBB859066E4A1E50056
C9163A21D5332B29D559FB46FD7191B4BCA6C2F13C9D7F1A06E3F6709D0BB79F9FD05F8E7F64F92B1FDD50AB1966C9
2ED205EB1AF8B7F5AB5867047FECA4F536B4136AFEF5FDA1EAC9D77E274149C615D6E448B762DCBE64E6CEAB79708B
AF11C4E0BDCF7130CE567B23FE4B309A86B801A846F449D60CE84B9D43E0F09C04D36B3B1DBBB9DA11969C5A371AB8
F5A87F729695D8F50B330BF0811FDCF197CFB910197A8EC40041DFE7176F0203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.6.0

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIFFDCCA/ygAwIBAgIMJRBGtpAT8dB1uoYKMA0GCSqGSIb3DQEBCwUAMIGCMQswCQYDVQQGEwJI
VTERMA8GA1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1p
Y3Jvc2VjIGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdu
by5odTAeFw0xMjAyMDcyMDAwMDBaFw0yNDAyMDcyMDAwMDBaMIGCMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1pY3Jvc2Vj
IGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWduby5odTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBALUeCZ7xe22Fgokx3yaHrwdMgopGB3+SNOZy
mP7ZiguSWKOczvEfDESQmKxT+UbGIAY5i6Lotf4gLDnJ0peF/BEi/kUjrBcpsHRAf9u7hZBm5KHl
AFbJFjoh1TMrKdVZ+0b9cZG0vKbC8TydfxoG4/ZwnQu3n5/QX45/ZPkrH91QqxlmyS7SBesa+Lf1
qlhnBH/spPU2tBNq/vX9oerJ134nQUnGFdbkSLdi3L5k5s6reXCLrxHE4L3PcTDOVnsj/kswmoa4
AahG9EnWDOhLnUPg8JwE02s7Hbu52hGWnFo3Grj1qH9ylpXY9QszC/CBH9zxl8+5EBl6jsQAQd/n
F28CAwEAAaOCAYYwggGCMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgbAMBYGA1UdJQEB/wQM
MAoGCCsGAQUFBwMIMEUGA1UdIAQ+MDwwOgYOKwYBBAGBqBgCAQEBBgAwKDAmBggrBgEFBQcCARYa
aHR0cDovL2NwLmUtc3ppZ25vLmh1L3FjcHMwHQYDVR00BBYEFNROEE4A/DjZdjEgRih8MUJcTwPp
MB8GA1UdIwQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRoMBsGA1UdEQQUMBKBEGluZm9AZS1zemln
bm8uaHUwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2NybC5lLXN6aWduby5odS9yb290Y2EyMDA5
LmNybDBuBggrBgEFBQcBAQRiMGAwKwYIKwYBBQUHMAGGH2h0dHA6Ly9yb290Y2NzcDIwMDkuZS1z
emlnbm8uaHUwMQYIKwYBBQUHMAKGJWh0dHA6Ly93d3cuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5j
cnQwDQYJKoZIhvcNAQELBQADggEBAA/DGeeOnapatXwwMl8oAEAYCagCdCBRP0OcD9WBkvWg6bHJ
rBIjGZxCl6p2lpm8cdmOedAw/FxQ5aOn68tH6lT9MX/R8qyRT84WeSw2LMh6dwwqm2ONYxTPCPKE
njyDpg815Qw6fq1IY/ngJrs2FgsxX0KkAEcJW2CDcyAHp9G3qIS9Sdkz/vb3vhj7MUWyTZ6i6kIz
Z0f79G3bk72x2ZD+F/ksNuk5HHasfeQ+aXmUtNNCBgafPVFkJg/1mrXVdD5pAbELC4k4cAIeL7VV
9YC6EHrD3z312YKRo8vJgx4RdEKbyKgFj2VtM2ejsrGfMFzCwmmCCs52/yleU7/wpwY=
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points:

https://tsa.e-szigno.hu/tsa

https://btsa.e-szigno.hu/tsa

2.2.44.1. Qualified e-Szigno TSA 2012 01

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:
English: Qualified e-Szigno TSA 2012 01

Hungarian: Qualified e-Szigno TSA 2012 01

Service digital identity: *Subject key identifier:*
D4 4E 10 4E 00 FC 38 D9 76 31 20 46 28 7C 31 42 5C 4F 03 E9

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2012-02-07T20:00:00.000Z   (07 Feb 2012 21:00:00 CET)

2.2.45. Qualified e-Szigno TSA 2012 02

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 2012 02

Hungarian: Qualified e-Szigno TSA 2012 02

Service digital identity: *Subject key identifier:*

34 B0 48 53 2A 22 4E 5C F2 F8 5D FA BE 3E FE 97 17 32 FF 01

Service digital identity: *Version:*

3

Serial number:

11 990 797 771 075 023 059 798 418 442 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2012 02,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

34 B0 48 53 2A 22 4E 5C F2 F8 5D FA BE 3E FE 97 17 32 FF 01

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2012-02-07T20:00:00.000Z   (07 Feb 2012 21:00:00 CET)

Valid to:

2024-02-07T20:00:00.000Z   (07 Feb 2024 21:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

8B:5E:35:71:F1:C0:E5:AD:DC:64:F8:D5:D3:77:CB:16:D3:19:A3:14

SHA-256:

86:63:B5:08:89:71:02:5F:29:DF:0C:B3:71:A8:AA:D6:5A:63:87:BA:94:E2:68:05:F2:70:BC:71:2D:88:1D:AE

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100C63176737691B87E79317584F4233698E519DC713A42A4AFF3BE56EFBA2A5342E387331F6463
601A1272DF73EA95FA0C8A6707DB9D5B634D9A254C0C0D78C7F6BF0A0C4E017401711B7087710C1974E4347D918F26
23299F73CF1404335711ADDBBB80456AB6CE280D19C5F165EF76964E57838C2E78B98F25E4B5744E62D3003F1118AAF
E38FFA486BF11E95B24E5677CC033F1A51BDD0AD29C6BB5DC19FCE7EB923E23FB702830F74BE73AAB5FC6D643EFE3A
95CC2BAB94F4F3B2F3462F842056D7CB2A4CD27277A4AB09AA33AB538303C419ABEA4AE63DFC8087D64AEF6EAC6F45
133DEAA27F1B9A04BDEDF014B64E7F0383980D71FBAB6A721F25F833655B0203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.6.0

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIFFDCCA/ygAwIBAgIMJr6OMalkyr0di2QKMA0GCSqGSIb3DQEBCwUAMIGCMQswCQYDVQQGEwJI
VTERMA8GA1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1p
Y3Jvc2VjIGUtU3ppZ25vIEFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdu
by5odTAeFw0xMjAyMDcyMDAwMDBaFw0yNDAyMDcyMDAwMDBaMIGCMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1pY3Jvc2Vj
IGUtU3ppZ25vIEFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWduby5odTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAMYxdnN2kbh+eTF1hPQjNpjlGdxxOkKkr/O+
Vu+6KlNC44czH2RjYBoSct9z6pX6DIpnB9udW2NNmiVMDA14x/a/CgxOAXQBcRtwh3EMGXTkNH2R
jyYjKZ9zzxQEM1cRrdu4BFarbOKA0ZxfFl73aWTleDjC54uY8l5LV0TmLTAD8RGKr+OP+khr8R6V
sk5Wd8wDPxpRvdCtKca7XcGfzn65I+I/twKDD3S+c6q1/G1kPv46lcwrq5T087LzRi+EIFbXyypM
0nJ3pKsJqjOrU4MDxBmr6krmPfyAh9ZK726sb0UTPeqifxuaBL3t8BS2Tn8Dg5gNcfuranIfJfgz
ZVsCAwEAAaOCAYYwggGCMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgbAMBYGA1UdJQEB/wQM
MAoGCCsGAQUFBwMIMEUGA1UdIAQ+MDwwOgYOKwYBBAGBqBgCAQEBBgAwKDAmBggrBgEFBQcCARYa
aHR0cDovL2NwLmUtc3ppZ25vLmh1L3FjcHMwHQYDVR00BBYEFDSwSFMqIk5c8vhd+r4+/pcXMv8B
MB8GA1UdIwQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRoMBsGA1UdEQQUMBKBEGluZm9AZS1zemln
bm8uaHUwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2NybC5lLXN6aWduby5odS9yb290Y2EyMDA5
LmNybDBuBggrBgEFBQcBAQRiMGAwKwYIKwYBBQUHMAGGH2h0dHA6Ly9yb290b2NzcDIwMDkuZS1z
emlnbm8uaHUwMQYIKwYBBQUHMAKGJWh0dHA6Ly93d3cuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5j
cnQwDQYJKoZIhvcNAQELBQADggEBAMRwIfleCHjHsQbKR9CR476LXbubRYRqO5H0IEYOTwf/rEip
fOJVY5+Nc8TFEF8gBcdUqT96N3kaQoSgzIxR+LjdtpHZGLsAhUj86w5sfQIaWWRsVmOZnnFiZMRE
L62xhlUqHDiU6mALA3iw9ioRgB8Fq3Wkld75Stat8lwqjE20eWGHkQEX6pY8NWLKHVtY9SbnHvOh
9JLofm661ni2+L/pz+2rqrmOS2QbrqYHBdM3o7hQiUBlmZ1A66Y7wRz+8S/Seeu78GHhIix4DsIa
CD9QfCZbERODZzGGLR5+KBnWQTnNdoeX5qQsSlmxBTl6RW4Xhy58E/60DuuhzdS7Do8=
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z (01 Jul 2016 00:00:00 CEST)

Service supply points: https://tsa.e-szigno.hu/tsa

https://btsa.e-szigno.hu/tsa

2.2.45.1. Qualified e-Szigno TSA 2012 02

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name: *English:* Qualified e-Szigno TSA 2012 02

Hungarian: Qualified e-Szigno TSA 2012 02

Service digital identity: *Subject key identifier:*

34 B0 48 53 2A 22 4E 5C F2 F8 5D FA BE 3E FE 97 17 32 FF 01

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2012-02-07T20:00:00.000Z   (07 Feb 2012 21:00:00 CET)

2.2.46. Qualified e-Szigno TSA 2012 03

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 2012 03

Hungarian: Qualified e-Szigno TSA 2012 03

Service digital identity: *Subject key identifier:*

B2 0C 15 D6 30 90 90 1E 67 66 AB B8 27 57 89 AD 83 99 E3 B5

Service digital identity: *Version:*

3

Serial number:

12 180 011 674 065 983 740 096 172 810 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2012 03,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

B2 0C 15 D6 30 90 90 1E 67 66 AB B8 27 57 89 AD 83 99 E3 B5

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2012-02-07T20:00:00.000Z   (07 Feb 2012 21:00:00 CET)

Valid to:

2024-02-07T20:00:00.000Z   (07 Feb 2024 21:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

61:F1:B9:E9:DC:B3:3B:72:B4:23:28:1B:D4:6B:D5:6D:68:4E:D8:63

SHA-256:

36:4D:78:F1:BF:41:FE:CD:E5:58:FC:CB:E6:51:B3:F2:AC:D2:39:A2:8D:A5:75:B1:CC:74:1E:C9:45:68:BC:B8

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100A09583BA40F9AF7E8B0CEB0080F4E09A805458048BF397F89F7AD3A63139E77F223FE5586064
C3C0D2D3C73F19D9FEA8059DE3BBBA75657BB11F576EEF6EB0B13A4714ABDA4A6F0961098C82BE636402F5AEE8EA9D
C284CC86C50DA340EC381D950C1F07D936F7FB72741C0E376CEED5735E22769876A47CCAF0E582AF27B76E82915D73
F34E7A066F29B8FD56929554AAFD0817D5E04197857011145DA4FD6CB49FEFE780B253D8E8A34D8D9A0EE0E56993B15
36C40141D4496EF337CC5A4439D40409BE887DFD4C6CC7BC30ACB7B4F88974FCBAF8B2F1FC66D291C2E6C3AC1E98FE
88C7EF6CC8660E5944CABD56FC834BB0FA429177D7FE61E71A3531B710F90203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.6.0

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIFFDCCA/ygAwIBAgIMJlsRy+VkAkwHilMKMA0GCSqGSIb3DQEBCwUAMIGCMQswCQYDVQQGEwJI
VTERMA8GA1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDUlpY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1p
Y3Jvc2VjIGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdu
by5odTAeFw0xMjAyMDcyMDAwMDBaFw0yNDAyMDcyMDAwMDBaMIGCMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDUlpY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1pY3Jvc2Vj
ZCBlLVN6aWdubyBUU0EgMjAxMiAwMzEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdubby5odTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAKCVg7pA+a9+iwzrAID04JqAVFgEi/OX+J96
06YxOed/Ij/lWGBkw8DS08c/Gdn+qAWd47u6dWV7sR9Xbu9usLE6RxSr2kpvCWEJjIK+Y2QC9a7o
6p3ChMyGxQ2jQOw4HZUMHwfZNvf7cnQcDjds7tVzXiJ2mHakfMrw5YKvJ7dugpFdc/NOegZvKbj9
VpKVVKr9CBfV4EGXhXARRdpPlstJ/v54CyU9joo02Nmg7g5WmTsVNsQBQdRJbvM3zFpEOdQECb6I
ffIMbMe8MKy3tPiJdPy6+LLx/GbSkcLmw6wemP6Ix+9syGYOWUTKvVb8g0uw+kKRd9f+YecaNTG3
EPkCAwEAAaOCAYYwggGCMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgbAMBYGA1UdJQEB/wQM
MAoGCCsGAQUFBwMIMEUGA1UdIAQ+MDww0gYOKwYBBAGBqBgCAQEBBgAwKDAmBggrBgEFBQcCARYa
aHR0cDovL2NwLmUtc3ppZ25vLmh1L3FjcHMwHQYDVR00BBYEFLIMFdYwkJAeZ2aruCdXia2DmeO1
MB8GA1UdIwQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRoMBsGA1UdEQQUMBKBEGluZm9AZS1zemln
bm8uaHUwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2NybC5lLXN6aWduby5odS9yb290Y2EyMDA5
LmNybDBuBggrBgEFBQcBAQRiMGAwKwYIKwYBBQUHMAGGH2h0dHA6Ly9yb290b2NzcDIwMDkuZS1z
emlnbm8uaHUwMQYIKwYBBQUHMAKGJWh0dHA6Ly93d3cuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5j
cnQwDQYJKoZIhvcNAQELBQADggEBAHY79qP7O90C0csumiFxJC10hrrtMuAMfj3nLpT9uYVTiWuW
A2azE4Ldty5ixNqK0uzfGUw21TO2+cTlYSP5JvweNHZEHflG61Be//yZ7E/or1pMyFkU4bAhg+fG
VWo6XTHquVEM4L7wPCA0CAtAQNmAnb0H2+PQwpyDd7FQv9AGNVUdq087Ky3xyUzkXdW7jb1rwPqf
Fw6LQ89EEa6T8G6dC5QmE2/oqZJV00DkmAr+a8mAg+j3A+RCnBhBoT41mCdWKkaSHxVwY4G0fMLp
x1NOxb3YxcMfHMpvX1r1W0VBcGJwlal0zGyPWIeEOnbVEnFlh2+Yetuqsg04SJBqfk8=
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: https://tsa.e-szigno.hu/tsa

https://btsa.e-szigno.hu/tsa

2.2.46.1. Qualified e-Szigno TSA 2012 03

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name:

English: Qualified e-Szigno TSA 2012 03

Hungarian: Qualified e-Szigno TSA 2012 03

Service digital identity: *Subject key identifier:*

B2 0C 15 D6 30 90 90 1E 67 66 AB B8 27 57 89 AD 83 99 E3 B5

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2012-02-07T20:00:00.000Z   (07 Feb 2012 21:00:00 CET)

2.2.47. Qualified e-Szigno TSA 2012 04

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 2012 04

Hungarian: Qualified e-Szigno TSA 2012 04

Service digital identity:

Subject key identifier:

F8 CB C8 20 98 D8 DD 79 DB 99 CB 9E DD 95 86 E3 EF 7F 56 F1

Service digital identity:

Version:

3

Serial number:

12 521 579 146 550 765 611 176 559 370 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2012 04,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

F8 CB C8 20 98 D8 DD 79 DB 99 CB 9E DD 95 86 E3 EF 7F 56 F1

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2012-02-07T20:00:00.000Z   (07 Feb 2012 21:00:00 CET)

Valid to:

2024-02-07T20:00:00.000Z   (07 Feb 2024 21:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

EC:1E:E9:E8:58:B2:A5:14:C1:EC:C7:52:73:B5:56:B9:A2:BB:B9:2A

SHA-256:

4F:F4:E9:13:2B:9D:39:98:4D:3B:3E:CA:E8:76:DE:DE:25:12:7E:7F:54:56:5D:D8:A7:D2:7C:4B:DC:0F:64:C7

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100F62A96DF8EC93F2CAE4176E417BF33FFA3340BF394521FC5E0D7E630F975B64FE915F543F4E6
342191D2A0A2A76ED562197807A353027F9A37C161CCD13773A37A96AFB1F7E3BF5D666C2583578B0A25BF33026058
F5D74BF4B68F9B497A6DF890FA3F1DAE855CEB64AFDD2C565B71C2E249E4C80FFEA48CEC99B021D1DC1B152141AC32
EB506C4FA71C4246C6F60EA01BD764B12F2D2C1AD42A6868F770C13FC26216ADCA2C2F798469F690CB1431B7154FE9
AB0642BE7311D05B9DD2AD01C9D41ABD6CA983B0FFB428D738CBF1FDF449848D4298EACB8FE04296F5F284B26E4253
01744EDD62B5EACD81ABD9E2254EF6BFC2044DF065DACB6BA85FDB416C4D0203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.6.0

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIFFDCCA/ygAwIBAgIMKHWbha6WAdtElgMKMA0GCSqGSIb3DQEBCwUAMIGCMQswCQYDVQQGEwJI
VTERMA8GA1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1p
Y3Jvc2VjIGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdu
by5odTAeFw0xMjAyMDcyMDAwMDBaFw0yNDAyMDcyMDAwMDBaMIGCMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1lY3Jvc2Vj
ZCBlLVN6aWdubyBUU0EgMjAxMiAwNDEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdub1y5odTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAPYqlt+OyT8srkF25Be/M/+jNAvzlFIfxeDX
5jD5dbZP6RX1Q/TmNCGR0qCip27VYhl4B6NTAn+aN8FhzNE3c6N6lq+x9+O/XWZsJYNXiwolvzMC
YFjl10v0to+bSXpt+JD6Px2uhVzrZK/dLFZbccLiSeTID/6kjOyZsCHR3BsVIUGsMutQbE+nHEJG
xvYOoBvXZLEvLSwa1CpoaPdwwT/CYhatyiwveYRp9pDLFDG3FU/pqwZCvnMR0Fud0q0BydQavWyp
g7D/tCjXOMvx/fRJhI1CmOrLj+BClvXyhLJuQlMBdE7dYrXqzYGr2eIlTva/wgRN8GXay2uoX9tB
bE0CAwEAAaOCAYYwggGCMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgbAMBYGA1UdJQEB/wQM
MAoGCCsGAQUFBwMIMEUGA1UdIAQ+MDwwOgYOKwYBBAGBqBgCAQEBBgAwKDAmBggrBgEFBQcCARYa
aHR0cDovL2NwLmUtc3ppZ25vLmh1L3FjcHMwHQYDVR0OBBYEFPjLyCCY2N1525nLnt2VhuPvflbx
MB8GA1UdIwQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRoMBsGA1UdEQQUMBKBEGluZm9AZS1zemln
bm8uaHUwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2NybC5lLXN6aWduby5odS9yb290Y2EyMDA5
LmNybDBuBggrBgEFBQcBAQRiMGAwKwYIKwYBBQUHMAGGH2h0dHA6Ly9yb290b2NzcDIwMDkuZS1z
emlnbm8uaHUwMQYIKwYBBQUHMAKGJWh0dHA6Ly93d3cuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5j
cnQwDQYJKoZIhvcNAQELBQADggEBAFzzEHZSeCEhOFBBN3YUMQuD5cXotiP8tjEcddfR4lOCkEIw
qPSYqmAnQcqsJJX7b6VjWPimEvzicP8JS367jtY/x9rJWDpw3MOZkPJlCVWZyGJd6AskWhgsWg76
bIIAcjzp+5+WrMyAQeESZLb/8gqQ03X9qq2R0e5xcu8hJitZcJXhyuon7NcbqS/zXfJecH5sN2gn
ZYw+aArgQm41xDhKcAVqxRGwtMoeVnS+/2XP/C0bYAGAdcBA3SamM54tvrnNvjBkgCHqlHSJ7/9m
yRLB/8Vn9uETOjhMTXN0/xFJsm0VnvCJazxAOIWcJQjZ46oGXLIsSwW5sGBP7lFxot4=
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: https://tsa.e-szigno.hu/tsa

https://btsa.e-szigno.hu/tsa

2.2.47.1. Qualified e-Szigno TSA 2012 04

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 2012 04

Hungarian: Qualified e-Szigno TSA 2012 04

Service digital identity: *Subject key identifier:*

F8 CB C8 20 98 D8 DD 79 DB 99 CB 9E DD 95 86 E3 EF 7F 56 F1

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2012-02-07T20:00:00.000Z   (07 Feb 2012 21:00:00 CET)

2.2.48. Qualified e-Szigno TSA 2012 05

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name:

English: Qualified e-Szigno TSA 2012 05

Hungarian: Qualified e-Szigno TSA 2012 05

Service digital identity: *Subject key identifier:*

0D 7F 9E F4 32 9E C7 5C 9D 20 B8 05 63 CF B1 9C F1 A4 76 D1

Service digital identity: *Version:*

3

Serial number:

12 836 844 334 627 946 498 754 546 698 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2012 05,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

0D 7F 9E F4 32 9E C7 5C 9D 20 B8 05 63 CF B1 9C F1 A4 76 D1

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2012-02-07T20:00:00.000Z   (07 Feb 2012 21:00:00 CET)

Valid to:

2024-02-07T20:00:00.000Z   (07 Feb 2024 21:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

F4:ED:05:7B:3F:A6:98:77:97:EE:DA:95:5E:A4:88:A8:7F:4B:08:6A

SHA-256:

2C:F5:EB:B6:2B:26:C1:32:8E:C5:37:E4:91:1D:1E:72:DA:3A:0B:FC:D7:F6:7F:94:53:DF:02:F7:A2:87:7F:2D

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100B420EC817663ED46ADF8B316D12E94C249E1D5D094F08AC81B806B3E86C25C62417A3AFBBB1E
05BAD0AC758CD8439FC06C8002D088892267922C915D66FB86097601C19CF3A28BC818F38B025476A7A4D993921445
B90FDEFD8A25325EAA180ED815A6D1468BF2F0A5008421E42B4B849A7CD05416E40F7D2DBD8B4132150A53EB5D3371
98770BC39FCD6E165386D999CE5D5AC38E664B82CE64A79D8A0D9122331CBE0BFA60D506CAE9AD41F14FB2D45FE6CC
B03C66AB7771B10836C901EC27D8EE8F9B4F6DFF6AF7772F5AC0E6F6AEC0F9D6F6772B78B7EC145913FE15B92CF4B8
3ACA5C655B9355599DE4AD9F3FA52F32E485BDBAB06B6C94509AB42AC6090203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.6.0

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIFFDCCA/ygAwIBAgIMKXpjhcXpa558LwwKMA0GCSqGSIb3DQEBCwUAMIGCMQswCQYDVQQGEwJI
VTERMA8GA1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1p
Y3Jvc2VjIGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdu
by5odTAeFw0xMjAyMDcyMDAwMDBaFw0yNDAyMDcyMDAwMDBaMIGCMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1pY3Jvc2Vj
IGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWduby5odTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBALQg7IF2Y+1GrfizFtEulMJJ4dXQlPCKyBuA
az6GwlxiQXo6+7seBbrQrHWM2EOfwGyAAtCIiSJnkiyRXWb7hgl2AcGc86KLyBjziwJUdqek2ZOS
FEW5D979iiUyXqoYDtgVptFGi/LwpQCEIeQrS4SafNBUFuQPfS29i0EyFQpT610zcZh3C80fzW4W
U4bZmc5dWsOOZkuCzmSnnYoNkSIzHL4L+mDVBsrprUHxT7LUX+bMsDxmq3dxsQg2yQHsJ9juj5tP
bf9q93cvWsDm9q7A+db2dyt4t+wUWRP+Fbks9Lg6ylxlW5NVWZ3krZ8/pS8y5IW9urBrbJRQmrQq
xgkCAwEAAaOCAYYwggGCMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgbAMBYGA1UdJQEB/wQM
MAoGCCsGAQUFBwMIMEUGA1UdIAQ+MDwwOgYOKwYBBAGBqBgCAQEBBgAwKDAmBggrBgEFBQcCARYa
aHR0cDovL2NwLmUtc3ppZ25vLmh1L3FjcHMwHQYDVR00BBYEFA1/nvQynsdcnSC4BWPPsZzxpHbR
MB8GA1UdIwQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRoMBsGA1UdEQQUMBKBEGluZm9AZS1zemln
bm8uaHUwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2NybC5lLXN6aWduby5odS9yb290Y2EyMDA5
LmNybDBuBggrBgEFBQcBAQRiMGAwKwYIKwYBBQUHMAGGH2h0dHA6Ly9yb290Y2NzcDIwMDkuZS1z
emlnbm8uaHUwMQYIKwYBBQUHMAKGJWh0dHA6Ly93d3cuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5j
cnQwDQYJKoZIhvcNAQELBQADggEBALXILfkONNGd5PRzmRdEp3GZDKj3eqcdcigOAQlPBbhx1GCP
izZr/wwL0LDruHFwPeUgud0BYRIqEMMTYHkegLKoNN7u8j4p08JRl6xxGVANQBwiWq/jE7wl+x50
F3S0121wd1Jshiqwec93M2merSc5aYUerf48uJbPALC9Kzt9avaa8+2LpduuHDLNtAZfAXwXCdgX
wtOybpe1v5Z1nnwzK8bKySyGUM5+719JjauemEakYCLvQ0/p+3KlEKlXKeN7SWOTtPvOGl2exlN7
70IbDQVfH1pPxsGL6rzUzLNLlMhsNsXSbcR45otKgJ4MBo4tEPlskKtWcNY2zwWRf1Q=
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: https://tsa.e-szigno.hu/tsa

https://btsa.e-szigno.hu/tsa

2.2.48.1. Qualified e-Szigno TSA 2012 05

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name: *English:* Qualified e-Szigno TSA 2012 05

Hungarian: Qualified e-Szigno TSA 2012 05

Service digital identity: *Subject key identifier:*

0D 7F 9E F4 32 9E C7 5C 9D 20 B8 05 63 CF B1 9C F1 A4 76 D1

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2012-02-07T20:00:00.000Z   (07 Feb 2012 21:00:00 CET)

2.2.49. Qualified e-Szigno TSA 2012 06

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 2012 06

Hungarian: Qualified e-Szigno TSA 2012 06

Service digital identity: *Subject key identifier:*

4C B0 E3 0D 0C 1E D9 12 CE 1B 66 B1 B6 39 F3 46 A2 7A 65 02

Service digital identity: *Version:*

3

Serial number:

13 307 843 121 483 068 107 135 353 354 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2012 06,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

4C B0 E3 0D 0C 1E D9 12 CE 1B 66 B1 B6 39 F3 46 A2 7A 65 02

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2012-02-07T20:00:00.000Z   (07 Feb 2012 21:00:00 CET)

Valid to:

2024-02-07T20:00:00.000Z   (07 Feb 2024 21:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

A2:89:C2:69:AD:CF:65:B5:25:3C:F4:7F:8F:37:74:12:92:1F:D6:77

SHA-256:

98:06:BE:C4:51:14:08:14:69:BC:41:51:3B:4D:16:80:E0:03:FF:AD:92:72:C2:50:25:34:DA:52:48:FC:C9:49

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100D99C0DFE891BB5DF5852939522E5D86A0D796F00E246B08FD461F4EBC680AB3ACCF8807D2F6F
6C853D970ACD752DD3216345D4AB75294F56EC74A91F34E5835431452B819DC65E69641DAA4B2F9120211A4DD22E38
FE23ED51854B16992A2EF0808A956F125E896EE87D0BC1DEAE3F94B2E3BD433AC95DC64CE9209BEAAFEE98EF59FEC8
5CDFA8BF78AB25E6EA8C3DE447FDF9E47E8D1556A2A9840DD152F4E9F2CE09C3A0718C7B96579801DDDF58135D1C2F
4A7CE4527A15E9172EC9B39C2622A9B65E93925B1573B7B9DC366507A02CE9698FBE92AE72F37208D404AC79909369
9F6F77B9DA3640193847D648F4008CE7A1424BEEF10C36065D17D77AC2910203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.6.0

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIFFDCCA/ygAwIBAgIMKv/9ZSugDXBiQ4IKMA0GCSqGSIb3DQEBCwUAMIGCMQswCQYDVQQGEwJI
VTERMA8GA1UEBwwIQnVkYXBlc3QQxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1p
Y3Jvc2VjIGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdu
by5odTAeFw0xMjAyMDcyMDAwMDBaFw0yNDAyMDcyMDAwMDBaMIGCMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QQxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHhlF1YWxpZmll
ZCBlLVN6aWdubyBUU0EgMjAxMiAwNjEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWduby5odTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBANmcDf6JG7XfWFKTlSLl2GoNeW8A4kawj9Rh
9OvGgKs6zPiAfS9vbIU9lwrNdS3TIWNF1Kt1KU9W7HSpHzTlg1QxRSuBncZeaWQdqksvkSAhGk3S
Ljj+I+1RhUsWmSou8ICKlW8SXolu6H0Lwd6uP5Sy47lDOsldxkzpIJvqr+6Y7ln+yFzfqL94qyXm
6ow95Ef9+eR+jRVWoqmEDdFS9OnyzgnDoHGMe5ZXmAHd31gTXRwvSnzkUnoV6RcuybOcJiKptl6T
klsVc7e53DZlB6As6WmPvpKucvNyCNQErHmQk2mfb3e52jZAGThH1kj0AIznoUJL7vEMNgZdF9d6
wpECAwEAAaOCAYYwggGCMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgbAMBYGA1UdJQEB/wQM
MAoGCCsGAQUFBwMIMEUGA1UdIAQ+MDww0gYOKwYBBAGBqBgCAQEBBgAwKDAmBggrBgEFBQcCARYa
aHR0cDovL2NwLmUtc3ppZ25vLmh1L3FjcHMwHQYDVR0OBBYEFEyw4w0MHtkSzhtmsbY580aiemUC
MB8GA1UdIwQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRoMBsGA1UdEQQUMBKBEGluZm9AZS1zemln
bm8uaHUwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2NybC5lLXN6aWdubY5odS9yb290Y2EyMDA5
LmNybDBuBggrBgEFBQcBAQRiMGAwKwYIKwYBBQUHMAGGH2h0dHA6Ly9yb290Y2NzpZNzcDIwMDkuZS1z
emlnbm8uaHUwMQYIKwYBBQUHMAKGJWh0dHA6Ly93d3cuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5j
cnQwDQYJKoZIhvcNAQELBQADggEBAHnBvjYlRRnbP/iwBRtDbvm6QqTLYoc6/jVsYHLd+ee/kghz
9T350KcCtc5w/f6dBc/QHs93i9IJC0F0fHobmGbq9YEMUsAJ1nb5BoOma7ospyZviH5Ub1qLnOvd
SF8o02m3NcuK6X51v/lPXPHm9yobRTUarYUb3YaZSnCzt+MHMEVcV84Hs38Fvz3Lumve2HTEFag8
nWhpYkLww3batl+EqDtkEDeFARA3eUb9/S5kHW2dZCV92lnO3so2MwtGr3wRSrP1gSeK/fMzsTrK
sBOSuf+5xTT1QYnUwIzvwo5279NfmGTbWLQ4KIO1YIJ/n98sN7VCiSCnCzBl9QEfk0U=
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z (01 Jul 2016 00:00:00 CEST)

Service supply points: https://tsa.e-szigno.hu/tsa

https://btsa.e-szigno.hu/tsa

2.2.49.1. Qualified e-Szigno TSA 2012 06

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name: *English:* Qualified e-Szigno TSA 2012 06

Hungarian: Qualified e-Szigno TSA 2012 06

Service digital identity: *Subject key identifier:*

4C B0 E3 0D 0C 1E D9 12 CE 1B 66 B1 B6 39 F3 46 A2 7A 65 02

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2012-02-07T20:00:00.000Z   (07 Feb 2012 21:00:00 CET)

2.2.50. Qualified e-Szigno TSA 2012 07

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 2012 07

Hungarian: Qualified e-Szigno TSA 2012 07

Service digital identity: *Subject key identifier:*

3E 03 A3 CE C5 99 FF 4B D4 A7 49 5B 7E 75 94 EE 76 A2 E1 76

Service digital identity: *Version:*

3

Serial number:

13 515 051 622 803 269 708 767 145 994 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2012 07,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

3E 03 A3 CE C5 99 FF 4B D4 A7 49 5B 7E 75 94 EE 76 A2 E1 76

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2012-02-07T20:00:00.000Z   (07 Feb 2012 21:00:00 CET)

Valid to:

2024-02-07T20:00:00.000Z   (07 Feb 2024 21:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

BD:B6:CB:C4:6A:79:BF:C5:88:AC:77:5B:BB:95:A1:62:10:19:DE:85

SHA-256:

0A:71:D4:02:4C:B7:0D:98:8F:8D:1C:7D:9F:E2:EA:56:12:6A:68:A0:CC:1A:08:67:39:92:D6:55:9C:73:B2:4C

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100D78AF40060E71727922DA3576E98EEC4517067123C19977D574C33506A3DF5EA76EF5C361AE0
525A381AE21CA0250A186712226E9DB0100E64E363CD0698C81469989BA8E3A4C26849EA7DE237E652045D00317395
4F1750406DD08F55174BC5651045F8A8A6949FA34594FDAD5E5965574E18C49AD2D2AC3CFA65686C63F719A420A85F
51C918620E104AD9343FE084C1FA2368DFB0FB151BB4B369DC727E49BF5C04A83E235BB2073999583A30E1683876BB
803897FE367F945891F9A740C92504CE1538A8C7AB07DE23105B3B344A7176ABAF696B84D1A73713EE369079307822
CD139BCCEE0180435404DA92EAA32DD34CAAFD739FD53A2D176D66FF24450203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.6.0

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIFFDCCA/ygAwIBAgIMK6tjgIjsFZoLvbAKMA0GCSqGSIb3DQEBCwUAMIGCMQswCQYDVQQGEwJI
VTERMA8GA1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1p
Y3Jvc2VjIGUtU3ppZ25vIEFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdu
by5odTAeFw0xMjAyMDcyMDAwMDBaFw0yNDAyMDcyMDAwMDBaMIGCMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1lY3Jvc2Vj
IGUtU3ppZ25vIEFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWduby5odTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBANeK9ABg5xcnki2jV26Y7sRRcGcSPBmXfVdM
MlBqPfXqdu9cNhrgUlo4GuIcoCUKGGcSIm6dsBAOZONjzQaYyBRpmJuo46TCaEnqfeI35lIEXQAx
c5VPFlBAbdCPVRdLxWUQRfioppSfo0WU/aleWWVXThjEmtLSrDz6ZWhsY/cZpCCoX1HJGGIOEErZ
ND/ghMH6I2jfsPsVG7Szadxyfkm/XASoPiNbsgc5mVg6MOFoOHa7gDiX/jZ/lFiR+adAySUEzhU4
qMerB94jEFs7NEpxdquvaWuE0ac3E+42kHkweCLNE5vM7gGAQ1QE2pLqoy3TTKr9c5/VOi0XbWb/
JEUCAwEAAaOCAYYwggGCMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgbAMBYGA1UdJQEB/wQM
MAoGCCsGAQUFBwMIMEUGA1UdIAQ+MDwwOgYOKwYBBAGBqBgCAQEBBgAwKDAmBggrBgEFBQcCARYa
aHR0cDovL2NwLmUtc3ppZ25vLmh1L3FjcHMwHQYDVR00BBYEFD4Do87Fmf9L1KdJW351lO52ouF2
MB8GA1UdIwQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRoMBsGA1UdEQQUMBKEGluZm9AZS1zemln
bm8uaHUwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2NybC5lLXN6aWduby5odS9yb290Y2EyMDA5
LmNybDBuBggrBgEFBQcBAQRiMGAwKwYIKwYBBQUHMAGGH2h0dHA6Ly9yb290b2NzcDIwMDkuZS1z
emlnbm8uaHUwMQYIKwYBBQUHMAKGJWh0dHA6Ly93d3cuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5j
cnQwDQYJKoZIhvcNAQELBQADggEBAKu3KVaTbl7f2iLtoIsAo2MIdsa93/Zw09N5e4xTnZoayxc+
fHlr0p76T/g2loH6nCkiaErs+FlbUfLrxqbXSpsW2SeqBsvAulUnGMzcy7rwrHLZQ6kJ1PEUffsO
iLL3xnKY4fEg43FnNpVYr4miEdrmK9GoLgsc0yAwzeZONX3lowCcK9dx4Tr72xB65NfKRPKDWBbS
aKULrRm+z9JW043m6pRn+ve/4KeuQrh/nG2F+5CkjxPhypfpdwlgReua2bjFZclKETHQcOzEGLcX
OpaqUPzmVkBtg4GheJ/3yA2VWRgNuHkyNMGNyrBor29wJnn+yss8AGjH3VhsnMIUfgc=
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: https://tsa.e-szigno.hu/tsa

https://btsa.e-szigno.hu/tsa

2.2.50.1. Qualified e-Szigno TSA 2012 07

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 2012 07

Hungarian: Qualified e-Szigno TSA 2012 07

Service digital identity: *Subject key identifier:*

3E 03 A3 CE C5 99 FF 4B D4 A7 49 5B 7E 75 94 EE 76 A2 E1 76

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2012-02-07T20:00:00.000Z   (07 Feb 2012 21:00:00 CET)

2.2.51. Qualified e-Szigno TSA 2012 08

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name: *English:* Qualified e-Szigno TSA 2012 08

Hungarian: Qualified e-Szigno TSA 2012 08

Service digital identity: *Subject key identifier:*

6B C6 96 54 0D 14 A7 5F 30 26 01 1A DD 3F 6B B8 9E D9 9C 1B

Service digital identity: *Version:*

3

Serial number:

13 920 122 420 771 207 697 489 280 778 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2012 08,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

6B C6 96 54 0D 14 A7 5F 30 26 01 1A DD 3F 6B B8 9E D9 9C 1B

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2012-02-07T20:00:00.000Z   (07 Feb 2012 21:00:00 CET)

Valid to:

2024-02-07T20:00:00.000Z   (07 Feb 2024 21:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

D9:8E:26:5F:6A:36:87:4D:BF:99:95:6E:AA:F0:40:80:39:83:29:DF

SHA-256:

10:0A:57:F3:8D:C3:0B:3A:AB:17:62:AE:5E:36:3B:B5:04:03:AA:3D:C9:1B:87:C1:BE:E9:10:3E:A4:CB:8A:0B

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100A8EA2A80D121DF082F780582C6389087140F83FAEB0E55A9E62E9E63B5471E4560B30C237D1B
4E27DFAA1AF023E6DDFB41E4371875FFD43B42CFEB03CE73CF3B1279403A1E2ADED2315CCD58392600C29E7AA370A7
823B2B31BF48AE47B532D6B506AA09DEDEE1F2DF3DF37924F52778745A315EFDAB3A1C7ABAF0072EBEB9DD259E5C2F
DAB64E9926A5F8CFB49EF08CC6AB87D34A4B1763F2D7016C2DC60EB70FE28407F7A2C3949567D6908ECB61CC516C01
62CD41D592E3C5BBA65D38FBC4FB3A1DEA06CFDD216BA29255F8B510E5DFCCBA37E093A0A4BC438582D61C36402C97
B1F6B98E70DB0F411B6ADEBF126AF710711CBB9DFB5F480FFCD57D0150550203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.6.0

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIFFDCCA/ygAwIBAgIMLPp0lH5DaW2xNT8KMA0GCSqGSIb3DQEBCwUAMIGCMQswCQYDVQQGEwJI
VTERMA8GA1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1p
Y3Jvc2VjIGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdu
by5odTAeFw0xMjAyMDcyMDAwMDBaFw0yNDAyMDcyMDAwMDBaMIGCMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1pY3Jvc2Vj
IGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWduby5odTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAKjqKoDRId8IL3gFgsY4kIcUD4P66w5VqeYu
nmO1Rx5FYLMMI30bTiffqhrwI+bd+0HkNxh1/9Q7Qs/rA85zzzsSeUA6Hire0jFczVg5JgDCnnqj
cKeCOysxv0iuR7Uy1rUGqgne3uHy3z3zeST1J3h0WjFe/as6HHq68Acuvrnd JZ5cL9q2TpkmpfjP
tJ7wjMarh9NKSxdj8tcBbC3GDrcP4oQH96LDlJVn1pCOy2HMUWwBYs1B1ZLjxbumXTj7xPs6HeoG
z90ha6KSVfi1EOXfzLo34JOgpLxDhYLWHDZALJex9rmOcNsPQRtq3r8SavcQcRy7nftfSA/81X0B
UFUCAwEAAaOCAYYwggGCMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgbAMBYGA1UdJQEB/wQM
MAoGCCsGAQUFBwMIMEUGA1UdIAQ+MDwwOgYOKwYBBAGBqBgCAQEBBgAwKDAmBggrBgEFBQcCARYa
aHR0cDovL2NwLmUtc3ppZ25vLmh1L3FjcHMwHQYDVR00BBYEFGvGllQNFKdfMCYBGt0/a7ie2Zwb
MB8GA1UdIwQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRoMBsGA1UdEQQUMBKBEGluZm9AZS1zemln
bm8uaHUwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2NybC5lLXN6aWduby5odS9yb290Y2EyMDA5
LmNybDBuBggrBgEFBQcBAQRiMGAwKwYIKwYBBQUHMAGGH2h0dHA6Ly9yb290Y2NzcDIwMDkuZS1z
emlnbm8uaHUwMQYIKwYBBQUHMAKGJWh0dHA6Ly93d3cuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5j
cnQwDQYJKoZIhvcNAQELBQADggEBAAb9m+7LcbfVMv0HPlcqtCmk70OsBmakGZuT/VpjfzMvMaWl
wQSdGSFh9E9xtefhfgGxWvtfR8kOlto96OSTriZkg2Rw8kosWqRXCvd4z2MgfVwee6+emy+U4RtV
zjlTVLUJmVOOYmZizSZkQtM5GL5/+7xOSP6edtifYYbSaw1yEIxt4FcISC4DMHMD6QunLWj6vFoO
E9r+f/XQ1hCSadw/bzgpDxcdgmxD3bgrDLYl931a9BSE26MLAxk1hT45tm/IRKn+aC1vD3nfXBfB
IZB5+KmK9tLsQqUu2BN7T+k0jPO9K+EUEkzgcpuW0w/a6XBWJYUlP6/bQ3ch9pRZqoY=
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: https://tsa.e-szigno.hu/tsa

https://btsa.e-szigno.hu/tsa

2.2.51.1. Qualified e-Szigno TSA 2012 08

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name: *English:* Qualified e-Szigno TSA 2012 08

Hungarian: Qualified e-Szigno TSA 2012 08

Service digital identity: *Subject key identifier:*

6B C6 96 54 0D 14 A7 5F 30 26 01 1A DD 3F 6B B8 9E D9 9C 1B

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2012-02-07T20:00:00.000Z   (07 Feb 2012 21:00:00 CET)

2.2.52. Qualified e-Szigno TSA 2012 09

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name:

English: Qualified e-Szigno TSA 2012 09

Hungarian: Qualified e-Szigno TSA 2012 09

Service digital identity:

Subject key identifier:

4B C2 B5 50 C2 71 BA 07 AA E5 E2 A5 FA F7 FB E8 45 F1 59 44

Service digital identity:

Version:

3

Serial number:

14 144 190 216 624 622 077 838 606 090 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2012 09,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

4B C2 B5 50 C2 71 BA 07 AA E5 E2 A5 FA F7 FB E8 45 F1 59 44

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2012-02-07T20:00:00.000Z   (07 Feb 2012 21:00:00 CET)

Valid to:

2024-02-07T20:00:00.000Z   (07 Feb 2024 21:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

94:AB:82:F5:3A:CE:0F:0C:D2:1F:7A:E3:B1:22:EC:FF:53:9C:A3:45

SHA-256:

1B:B3:B6:05:F1:C5:75:85:C3:83:78:2A:8C:34:F3:E9:90:92:BD:58:EB:77:E6:AC:1A:F2:E5:86:89:9D:71:69

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100099602625972A55715BCDABC0546F2A7774B9383E06862E476C1FC197DBAE42C3C559FCBF0CDB
605A93F9DE3C72F4A8CFFC4CB48704D6E91CFD87DE0E4345F901FAFEF707D4478277E5E7F2422B5E2EB1347EA321CB
C552F53132637061029873E6B3961BE12325E58EFFC857983C486E44B44E89F2D3928E0F0285AEB323EB2E2702ACD7
51ED8DB422304FB8976B61778F5CE32CDE64B65A172596C8A85C396DBD584DEF16FD72FAAE7B1AACEE8E67BD4FF9CF
1EE070929623F790A3BF9FE5D66D250BE19DFEBAAFFC881315CCBA0088E4D1DEE63537EADB1E5CD700AA8667DCBC9A
48433B1E44A53153E09D7B1D317DC52AD3C295A2C96A9A501818BFBD05650203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.6.0

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

```
-----BEGIN CERTIFICATE-----
MIIFFDCCA/ygAwIBAgIMLbPMyAuug+gjj78KMA0GCSqGSIb3DQEBCwUAMIGCMQswCQYDVQQGEwJI
VTERMA8GA1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjVjIEx0ZC4xJzAlBgNVBAMMHk1p
Y3Jvc2VjIGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdu
by5odTAeFw0xMjAyMDcyMDAwMDBaFw0yNDAyMDcyMDAwMDBaMIGCMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1pY3Jvc2Vj
IGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWduby5odTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAJlgJiWXKlVxW82rwFRvKnd0uTg+BoYuR2wf
wZfbrkLDxVn8vwzbYFqT+d48cvSoz/xMtIcE1ukc/YfeDkNF+QH6/vcH1EeCd+Xn8kIrXi6xNH6j
IcvFUvUxMmNwYQKYc+azlhvhIyXljv/IV5g8SG5EtE6J8tOSjg8Cha6zI+suJwKsl1HtjbQiME+4
l2thd49c4yzeZLZaFyWWyKhcOW29WE3vFvly+q57Gqzujme9T/nPHuBwkpYj95Cjv5/llmOlC+Gd
/rqv/IgTFcy6AIjk0d7mNTfq2x5c1wCqhmfcvJpIQzseRKUxU+Cdex0xfcUq08KVoslqmlAYGL+9
BWUCAwEAAaOCAYYwggGCMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgbAMBYGA1UdJQEB/wQM
MAoGCCsGAQUFBwMIMEUGA1UdIAQ+MDww0gYOKwYBBAGBqBgCAQEBBgAwKDAmBggrBgEFBQcCARYa
aHR0cDovL2NwLmUtc3ppZ25vLmh1L3FjcHMwHQYDVR0OBBYEFEvCtVDCcboHquXipfr3++hF8VlE
MB8GA1UdIwQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRoMBsGA1UdEQQUMBKBEGluZm9AZS1zemln
bm8uaHUwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2NybC5lLXN6aWduby5odS9yb290Y2EyMDA5
LmNybBBuBggrBgEFBQcBAQRiMGAwKwYIKwYBBQUHMAGGH2h0dHA6Ly9yb290Y2NzcDIwMDkuZS1z
emlnbm8uaHUwMQYIKwYBBQUHMAKGJWh0dHA6Ly93d3cuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5j
cnQwDQYJKoZIhvcNAQELBQADggEBAMsADS96+apzP+MvzaESB+3Cuz2Bb/lz/elpfkE+UTBwbEra
7X1mMluzWySzvGSg/ULqC+sTu0xD4q2jH3BEhDEkEwzynP0oNuKZeC619Dfy5HZQZKpO81ItyGKB
USja+ATgPlTDoUu/fvwc4SkG5cNG2lMKYWvF5kZ+/Hgly0pIUtnPN041htI6qsPE3BDppV6jzTHq
1yreZKNEJLsz5jOOUXh3hbXM9NGMVJxyPh/4rWUbjJ4suzeb73SBZ3Idx8hTKTJf94NupM8q1qZi
Nm8WDccYC+iisZ5O7zvNYgCV5bn/N3t1VKuUqrqim4iQWzuXBMSWsaQyiL++dAehnps=
-----END CERTIFICATE-----
```

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

> *In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.*

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: https://tsa.e-szigno.hu/tsa

https://btsa.e-szigno.hu/tsa

2.2.52.1. Qualified e-Szigno TSA 2012 09

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name: *English:* Qualified e-Szigno TSA 2012 09

Hungarian: Qualified e-Szigno TSA 2012 09

Service digital identity: *Subject key identifier:*

4B C2 B5 50 C2 71 BA 07 AA E5 E2 A5 FA F7 FB E8 45 F1 59 44

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2012-02-07T20:00:00.000Z (07 Feb 2012 21:00:00 CET)

2.2.53. Qualified e-Szigno TSA 2013 01

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name:

English: Qualified e-Szigno TSA 2013 01

Hungarian: Qualified e-Szigno TSA 2013 01

Service digital identity: *Subject key identifier:*

62 5F A5 66 A9 05 19 18 34 D1 F8 26 DD 59 05 CB 62 77 E6 1B

Service digital identity: *Version:*

3

Serial number:

14 624 902 814 207 241 447 528 025 610 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2013 01,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

62 5F A5 66 A9 05 19 18 34 D1 F8 26 DD 59 05 CB 62 77 E6 1B

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2013-02-07T19:00:00.000Z   (07 Feb 2013 20:00:00 CET)

Valid to:

2025-02-07T19:00:00.000Z   (07 Feb 2025 20:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

70:3C:50:3A:05:1B:EA:97:B6:FB:B4:BE:B1:72:61:85:68:E5:DA:CA

SHA-256:

B6:C1:59:7C:0E:98:6C:9B:7F:D1:67:EB:39:04:58:70:59:7D:E5:37:E0:40:4C:5D:E3:79:68:83:F2:D2:16:AA

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100E3E6B889646B421A26A693FACDDD6A6E79F15ED3D91A96620C5737EAF444730B7A277C7B72F8
FDBE840709A997E813EFC277653D64568505700E326E1F087CCB04B32E3F464E6C98EBA2703421A0B2EC8FE39BE709
DCCD2ED4C0185A6410AEFB72CCEB96AF1154E01AB22F7FC7AC58F7F530B3AADBDCA154B42EE486BB96036197170BCA
EF65A2E386AE7AEE7DF22253E4B2069251CA52ECD9C6D30D4D0E54AC96716213596ACF3D49CBDF3EC9AEEC2B4942CE
9D15777E7023F5A3C246F909FEC6DCAAE638AAE9AA9A0A6AFD1B53838DA210FACE88F8AAB8120BECB4332A32954B59
4D26472D22B04807D49BBC512F010E01474C03B61BC5D76587E0634A6F7B0203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.7.0

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIFFDCCA/ygAwIBAgIML0Fvoi16AflmXU4KMA0GCSqGSIb3DQEBCwUAMIGCMQswCQYDVQQGEwJI
VTERMA8GA1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2Vj2VjIEx0ZC4xJzAlBgNVBAMMHk1p
Y3Jvc2VjIGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdu
by5odTAeFw0xMzAyMDcxOTAwMDBaFw0yNTAyMDcxOTAwMDBaMIGCMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1pY3Jvc2Vj
IGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWduby5odTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAOPmuIlka0IaJqaT+s3dam558V7T2RqWYgxX
N+r0RHMLeid8e3L4/b6EBwmpl+gT78J3ZT1kVoUFcA4ybh8IfMsEsy4/Rk5smOuicDQhoLLsj+0b
5wnczS7UwBhaZBCu+3LM65avEVTgGrIvf8esWPflMLOq29yhVLQu5Ia7lgNhlxcLyu9louOGrnru
ffIiU+SyBpJRylLs2cbTDU0OVKyWcWITWWrPPUnL3z7JruwrSULOnRV3fnAj9aPCRvkJ/sbcquY4
qumqmgpq/RtTg42iEPrOiPiquBIL7LQzKjKVS1lNJkctIrBIB9SbvFEvAQ4BR0wDthvF12WH4GNK
b3sCAwEAAaOCAYYwggGCMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgbAMBYGA1UdJQEB/wQM
MAoGCCsGAQUFBwMIMEUGA1UdIAQ+MDwwOgYOKwYBBAGBqBgCAQEBBwAwKDAmBggrBgEFBQcCARYa
aHR0cDovL2NwLmUtc3ppZ25vLmh1L3FjcHMwHQYDVR0OBBYEFGJfpWapBRkYNNH4Jt1ZBctid+Yb
MB8GA1UdIwQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRoMBsGA1UdEQQUMBKBEGluZm9AZS1zemln
bm8uaHUwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2NybC5lLXN6aWduby5odS9yb290Y2EyMDA5
LmNybDBuBggrBgEFBQcBAQRiMGAwKwYIKwYBBQUHMAGGH2h0dHA6Ly9yb290b2NzcDIwMDkuZS1z
emlnbm8uaHUwMQYIKwYBBQUHMAKGJWh0dHA6Ly93d3cuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5j
cnQwDQYJKoZIhvcNAQELBQADggEBAIC0EdKGS2qWqoYErGX8kqLDB7IuQdg55mlwVTyTd5tiBVSy
/csFYygRQbvJ3jh9iO3eLqw99tYSAIWfQUa5WRNo6LcNMknwNEwKpPwCp5ld1VNuJIvXr/RafW08
QcNRL+YQr6PMkW2ErR7r9SLAyiqBWHU56e7kNuaQfz+mHl9OY9puWejmIiQPim5XU1xg/IT0xWuk
voNHpO+jw8bCsTJoAxGdEuXoBwurTCIGmVdn6JxBfmFlGeHFHZIMjuAm/ZZjQpwy88Q9eMzp1Mq9
9f0JAtnqGamvXeGiZu26Jc/V2gpQfU1AHU3Ogcw3w5Vuvf79W039QKBgnpm7kjDFB5k=
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: https://tsa.e-szigno.hu/tsa2

https://btsa.e-szigno.hu/tsa2

2.2.53.1. Qualified e-Szigno TSA 2013 01

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name: *English:* Qualified e-Szigno TSA 2013 01

Hungarian: Qualified e-Szigno TSA 2013 01

Service digital identity: *Subject key identifier:*

62 5F A5 66 A9 05 19 18 34 D1 F8 26 DD 59 05 CB 62 77 E6 1B

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2013-02-07T19:00:00.000Z   (07 Feb 2013 20:00:00 CET)

2.2.54. Qualified e-Szigno TSA 2013 02

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 2013 02

Hungarian: Qualified e-Szigno TSA 2013 02

Service digital identity: *Subject key identifier:*

17 9F 3B 69 A6 DB 0F DE BC CD 8B 12 1C 1E 51 06 E7 EA 01 1F

Service digital identity: *Version:*

3

Serial number:

14 903 893 114 504 319 619 057 151 498 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2013 02,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

17 9F 3B 69 A6 DB 0F DE BC CD 8B 12 1C 1E 51 06 E7 EA 01 1F

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2013-02-07T19:00:00.000Z   (07 Feb 2013 20:00:00 CET)

Valid to:

2025-02-07T19:00:00.000Z   (07 Feb 2025 20:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

2F:3D:94:72:0E:38:03:49:7E:08:86:C1:14:A5:20:E8:B6:36:AB:74

SHA-256:

E9:51:BA:17:74:D8:97:7F:81:E9:B8:FC:F1:AF:98:99:87:0D:C8:08:C3:46:6B:1E:16:3D:6E:C9:4B:BF:36:2F

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100DCAD9FB4ECC8FB3AEDD2EF53AA4EDA5DE778EC4EC03966CC21F198396954F3FEA20170E855FE
84B4437363AAF7BC072151DFCD96A99FE9B8E80895A1499B9BBE80D6081A15A3FB94F0F19CBD98CF3DBFCB9E889877
8202CD30B2CAC5DEE4B492422B6021814309D8DC6B6026FE98FBEDD9E5C691C711817F612258DB9AB102B458593AD7
913E588B802C71831B2C2055DACB957FFFA96AF6DE19D5188599EB5224708C4F0B4540108200FDE560ABB56FEC60B8
8E48CCA081E7CEE4BC0F668ECAE365F9E7F488A089B613DED61CD9C6324D153C1C847515ABC8215F00CBFAADAB7B25
F78C03CA90F80739E6788C4A6837BC65ECB730E8245023CB24DF44191A230203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.7.0

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIFFDCCA/ygAwIBAgIMMCg2IKlwGMc40W4KMA0GCSqGSIb3DQEBCwUAMIGCMQswCQYDVQQGEwJI
VTERMA8GA1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1p
Y3Jvc2VjIGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdu
by5odTAeFw0xMzAyMDcxOTAwMDBaFw0yNTAyMDcxOTAwMDBaMIGCMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHklF1YWxpZml
ZCBlLVN6aWdubyBUU0EgMjAxMyAwMjEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdubby5odTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBANytn7TsyPs67dLvU6pO2l3neOx0wDlmzCHx
mDlpVPP+ogFw6FX+hLRDc20q97wHIVHfzZapn+m46AiVoUmbm76AlggaFaP7lPDxnL2Yzz2/y56I
mHeCAs0wssrF3uS0kkIrYCGBQwnY3GtgJv6Y++3Z5caRxxGBf2EiWNuasQK0WFk615E+WIuALHGD
GywgVdrLlX//qWr23hnVGIWZ61IkcIxPC0VAEIIA/eVgq7Vv7GC4jkjMoIHnzuS8D2aOyuNl+ef0
iKCJthPelhzZxjJNFTwchHUVq8ghXwDL+q2reyX3jAPKkPgH0eZ4jEpoN7xl7Lcw6CRQI8sk30QZ
GiMCAwEAAaOCAYYwggGCMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgbAMBYGA1UdJQEB/wQM
MAoGCCsGAQUFBwMIMEUGA1UdIAQ+MDwwOgYOKwYBBAGBqBgCAQEBBwAwKDAmBggrBgEFBQcCARYa
aHR0cDovL2NwLmUtc3ppZ25vLmh1L3FjcHMwHQYDVR0OBBYEFBef02mm2w/evM2LEhweUQbn6gEf
MB8GA1UdIwQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRoMBsGA1UdEQQUMBKBEGluZm9AZS1zemln
bm8uaHUwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2NybC5lLXN6aWdubny5odS9yb290Y2EyMDA5
LmNybDBuBggrBgEFBQcBAQRiMGAwKwYIKwYBBQUHMAGGH2h0dHA6Ly9yb290Y2NzcDIwMDkuZS1z
emlnbm8uaHUwMQYIKwYBBQUHMAKGJWh0dHA6Ly93d3cuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5j
cnQwDQYJKoZIhvcNAQELBQADggEBAA3cFLZOM8bEkx2wvbt8UtjymOLT3hkcP6NXJOIU5tQdC0eF
/jqTgCYySJiqdyIFAHPjQRlXrnQCNH06e9gilD4Bzn0TJzylZ3BTAVIyUOQvFteInGsJEjGR5QvO
LMyS1HlpwFUjDUFkmg0QQgkjhN5F3ZliA1QkEpA27Je+meDFjIodY/xNtmr2o4n1bYvhAPit0jCM
MQAirSZcodu95K1qw1DQM+X2jycW2lbJdxSnZqQigxj4WFvSNhW2BUgVPHhl5Rfp8WLn51GsYtQb
ogs3agJlsSKsJ+Rir8dBZenAbakZjlQSOtY9uygS9OMIHml1xMg4AWnV66AH97hkzGfA=
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: https://tsa.e-szigno.hu/tsa2

https://btsa.e-szigno.hu/tsa2

2.2.54.1. Qualified e-Szigno TSA 2013 02

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name: *English:* Qualified e-Szigno TSA 2013 02

Hungarian: Qualified e-Szigno TSA 2013 02

Service digital identity: *Subject key identifier:*

17 9F 3B 69 A6 DB 0F DE BC CD 8B 12 1C 1E 51 06 E7 EA 01 1F

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2013-02-07T19:00:00.000Z (07 Feb 2013 20:00:00 CET)

2.2.55. Qualified e-Szigno TSA 2013 03

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 2013 03

Hungarian: Qualified e-Szigno TSA 2013 03

Service digital identity:

Subject key identifier:

7B 56 DB 50 89 EF 6A 0F 00 4C 50 39 6A 12 66 46 D0 26 86 73

Service digital identity:

Version:

3

Serial number:

15 411 867 231 570 530 504 195 131 914 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2013 03,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

7B 56 DB 50 89 EF 6A 0F 00 4C 50 39 6A 12 66 46 D0 26 86 73

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2013-02-07T19:00:00.000Z   (07 Feb 2013 20:00:00 CET)

Valid to:

2025-02-07T19:00:00.000Z   (07 Feb 2025 20:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

7D:03:3F:D6:A4:27:4F:56:EA:4E:52:F1:41:27:AB:7D:9C:67:3C:68

SHA-256:

10:66:81:5B:2A:AB:87:4D:21:37:84:24:95:94:79:04:8D:47:7B:27:BD:8F:D5:65:BF:6D:16:F1:2A:83:B7:09

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100B10282BB828E1E0A6CC893BA117381DB29651AF2AD7BF9C1CA45914DC1FF10EEDC371DABE684
C6F2682AF1A25E1422DCE3994C4A1F50A417A9028212C31C4716130340D3C1062DBAE534BEA492786680F2DE56CF6B
6454DD82FD51D900E4E67EB2A471223FEBB3E10FB85000EB1A5CB2D9B86CFCC507DA40DD2EC62A742E61CF857C2DF0
F185565FCC2148B67FE4D199E2FB2555645464CE835F5C82A333F08639F5D8372FF270870F6035DBBD58865E179E2E
30BA2E4158D7BC26D67D8173122ACA0CC0D20331FAE091F0EAE6457EAF1E11062C83026B8ABF29EA853636F722B066
B5DEDE3A2CCA6191520CFBADE44E5B99C91D7E20DD3C6DDEB347C196D1670203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.7.0

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIFFDCCA/ygAwIBAgIMMcxl1Lnx1MiaL0oKMA0GCSqGSIb3DQEBCwUAMIGCMQswCQYDVQQGEwJI
VTERMA8GA1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1p
Y3Jvc2VjIGUtU3ppZ25vIEFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdu
by5odTAeFw0xMzAyMDcxOTAwMDBaFw0yNTAyMDcxOTAwMDBaMIGCMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHhlF1YWxpZmll
ZCBlLVN6aWdubyBUU0EgMjAxMyAwMzEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdubby5odTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBALECgruCjh4KbMiTuhFzgdspZRryrXv5wcpF
kU3B/xDu3Dcdq+aExvJoKvGiXhQi3OOZTEofUKQXqQKCEsMcRxYTA0DTwQYtuuU0vqSSeGaA8t5W
z2tkVN2C/VHZAOTmfrKkcSI/67PhD7hQAOsaXLLZuGz8xQfaQN0uxip0LmHPhXwt8PGFVl/MIUi2
f+TRmeL7JVVkVGTOg19cgqMz8IY59dg3L/Jwhw9gNdu9WIZeF54uMLouQVjXvCbWfYFzEirKDMDS
AzH64JHw6uZFfq8eEQYsgwJrir8p6oU2NvcisGa13t46LMphkVIM+63kTluZyR1+IN08bd6zR8GW
0WcCAwEAAaOCAYYwggGCMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgbAMBYGA1UdJQEB/wQM
MAoGCCsGAQUFBwMIMEUGA1UdIAQ+MDwwOgYOKwYBBAGBqBgCAQEBBwAwKDAmBggrBgEFBQcCARYa
aHR0cDovL2NwLmUtc3ppZ25vLmh1L3FjcHMwHQYDVR00BBYEFHtW21CJ72oPAExQOWoSZkbQJoZz
MB8GA1UdIwQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRoMBsGA1UdEQQUMBKBEGluZm9AZS1zemln
bm8uaHUwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2NybC5lLXN6aWduby5odS9yb290Y2EyMDA5
LmNybDBuBggrBgEFBQcBAQRiMGAwKwYIKwYBBQUHMAGGH2h0dHA6Ly9yb290Y2NzcDIwMDkuZS1z
emlnbm8uaHUwMQYIKwYBBQUHMAKGJWh0dHA6Ly93d3cuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5j
cnQwDQYJKoZIhvcNAQELBQADggEBADleaQc54SVyLCPHlrKPjpIYdTuRO1o+B6NZ4d/fKv2oRtVM
0Ikvv4Klbcx/E40V03hkmRLCTiwAKSUfYZex4j0fDHjYJcE+L4S4rFC2m9jUaxhfnA7omEEwh9WC
NocHqYk+JF6uNcx0otc4pwkLYgrUezJt5QB/p2dDqTwxOUP1DSIOsDyxHtqNyQMHjrYEZkDmusge
g9QS55V2wx3Gqp93jFs858oOjjgP54YIsYGQmHBZHJhVWFFLzBaUJL1i/uk1XzF38kZQVlNSirzD
gvJpe+SNcO16rOKxqTW8xHBbEV98n1IwkqOwfvGO/asJetuF+ZeqTQWG9QnRNYBQqIg=
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: https://tsa.e-szigno.hu/tsa2

https://btsa.e-szigno.hu/tsa2

2.2.55.1. Qualified e-Szigno TSA 2013 03

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name: *English:* Qualified e-Szigno TSA 2013 03

Hungarian: Qualified e-Szigno TSA 2013 03

Service digital identity: *Subject key identifier:*

7B 56 DB 50 89 EF 6A 0F 00 4C 50 39 6A 12 66 46 D0 26 86 73

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2013-02-07T19:00:00.000Z   (07 Feb 2013 20:00:00 CET)

2.2.56. Qualified e-Szigno TSA 2013 04

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name:

English: Qualified e-Szigno TSA 2013 04

Hungarian: Qualified e-Szigno TSA 2013 04

Service digital identity: *Subject key identifier:*

25 6D BA 82 20 FB D6 5D 1D 80 B1 61 DE DF 7E AC 03 0B A9 65

Service digital identity: *Version:*

3

Serial number:

15 545 436 358 172 506 259 997 379 338 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2013 04,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

25 6D BA 82 20 FB D6 5D 1D 80 B1 61 DE DF 7E AC 03 0B A9 65

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2013-02-07T19:00:00.000Z   (07 Feb 2013 20:00:00 CET)

Valid to:

2025-02-07T19:00:00.000Z   (07 Feb 2025 20:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

73:5F:32:AD:D8:4D:20:F5:8F:01:75:D8:DF:5D:F1:6C:38:91:30:3C

SHA-256:

5A:E4:15:3B:F3:D8:B4:52:39:4B:1C:1D:A0:B6:BC:6B:DE:88:F1:97:97:A2:87:60:08:82:D1:A7:8C:2D:39:FC

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100D80AF26F2165F588CD42834EEA7C0F463EF95817E6F165AA8A3A716E96B9F5C53CF103004155
2742F19399DF4A96A1931CCA8A05D36B8F78750BC22D5262EA9A86DE41409FA2A53E19FFDD97AB490E834123CB748A
218605C0BFDD7C5BF7B178C573334BD050994A69121304FACAEB1EF05F357B5998689446D74A253CED8AE3A5979D3D
252CC027DE0AB88E44F5672518C1568851E29CC9B3BD613505FD605FB25AF54313066069B44A5FDF74EC0F09EE8C28
78AF9FB3C9397A9B3BCA0F063F6FE4C13E443E929C79B010D039EF61F209504D1EFAF01FE9B168F7FFF2EE52AE628B
163D9BA63327037A2247ADCC413401DEDFB6CC092BF3CFCA05C947EB9BF30203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.7.0

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIFFDCCA/ygAwIBAgIMMjriMZaaGzgkBMsKMA0GCSqGSIb3DQEBCwUAMIGCMQswCQYDVQQGEwJI
VTERMA8GA1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1p
Y3Jvc2VjIGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdu
by5odTAeFw0xMzAyMDcxOTAwMDBaFw0yNTAyMDcxOTAwMDBaMIGCMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1pY3Jvc2Vj
IGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWduby5odTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBANgK8m8hZfWIzUKDTup8D0Y++VgX5vFlqoo6
cW6WufXFPPEDAEFVJ0Lxk5nfSpahkxzKigXTa494dQvCLVJi6pqG3kFAn6KlPhn/3ZerSQ6DQSPL
dIohhgXAv918W/exeMVzM0vQUJlKaRITBPrK6x7wXzV7WZholEbXSiU87YrjpZedPSUswCfeCriO
RPVnJRjBVohR4pzJs7lhNQX9YF+yWvVDEwZgabRKX9907A8J7owoeK+fs8k5eps7yg8GP2/kwT5E
PpKcebAQ0DnvYfIJUE0e+vAf6bFo9//y7LKuYosWPZumMycDeiJHrcxBNAHe37bMCSvzz8oFyUfr
m/MCAwEAAaOCAYYwggGCMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgbAMBYGA1UdJQEB/wQM
MAoGCCsGAQUFBwMIMEUGA1UdIAQ+MDwwOgYOKwYBBAGBqBgCAQEBBwAwKDAmBggrBgEFBQcCARYa
aHR0cDovL2NwLmUtc3ppZ25vLmh1L3FjcHMwHQYDVR00BBYEFCVtuoIg+9ZdHYCxYd7ffqwDC6ll
MB8GA1UdIwQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRoMBsGA1UdEQQUMBKBEGluZm9AZS1zemln
bm8uaHUwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2NybC5lLXN6aWduby5odS9yb290Y2EyMDA5
LmNybDBuBggrBgEFBQcBAQRiMGAwKwYIKwYBBQUHMAGGH2h0dHA6Ly9yb290Y2NzcDIwMDkuZS1z
emlnbm8uaHUwMQYIKwYBBQUHMAKGJWh0dHA6Ly93d3cuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5j
cnQwDQYJKoZIhvcNAQELBQADggEBAMLRm2eaovMz1OQyZl1WodRdNhQark6M9lwckDTml+ejd1HT
F6jrrfrDTYEU7Va0UrDr8RQop8SZB7unuDSyYySIjlYam5kLt8eRloBHeBgpCvouF41+IYwazNe1
8uIC/b+vUflXCeRsVXv1ZnjKc/0VZGFFW3u1zB9aCjbsnowPhNUe7qmDTybLJAF7EOUYZPI+EsKk
CAiYHi9dIAqcL3As46AWzhBYkUlC83niaZuB6NjhfE6llMKmcvawo0p1VBs5xD4UK2WI50vE4EKW
x3FKH385sRRCsZCL032GENybIoJf42TFGraJ5e5nW3lAN262HpcRT49hqs+QVNmJc64=
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: https://tsa.e-szigno.hu/tsa2

https://btsa.e-szigno.hu/tsa2

2.2.56.1. Qualified e-Szigno TSA 2013 04

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name: *English:* Qualified e-Szigno TSA 2013 04

     Hungarian: Qualified e-Szigno TSA 2013 04

Service digital identity: *Subject key identifier:*

25 6D BA 82 20 FB D6 5D 1D 80 B1 61 DE DF 7E AC 03 0B A9 65

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2013-02-07T19:00:00.000Z   (07 Feb 2013 20:00:00 CET)

2.2.57. Qualified e-Szigno TSA 2013 05

<div style="text-align: right">Provider: 2
Service: 57</div>

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 2013 05

Hungarian: Qualified e-Szigno TSA 2013 05

Service digital identity: *Subject key identifier:*

06 DA A5 7C B0 AA B1 39 B7 ED 5F 84 7D CB 03 33 CB 8C BE 19

Service digital identity: *Version:*

3

Serial number:

15 872 047 960 202 747 031 450 512 394 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2013 05,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

06 DA A5 7C B0 AA B1 39 B7 ED 5F 84 7D CB 03 33 CB 8C BE 19

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2013-02-07T19:00:00.000Z   (07 Feb 2013 20:00:00 CET)

Valid to:

2025-02-07T19:00:00.000Z   (07 Feb 2025 20:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

1D:90:E7:5F:EC:C0:80:D9:9D:00:B1:14:D4:64:C1:15:82:59:39:B5

SHA-256:

D6:1B:C9:E5:4D:D5:BA:34:BF:01:FC:87:DD:E6:C3:08:74:98:95:57:C8:62:01:93:57:07:35:55:9B:82:34:58

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100C2847721A8CE89D710004B5B6C5E6EC318EDB66EE5CEBE68E46B0AD930DFA013AEF6163DF4C0
63F358A787D0456FB70CDCC5FB92E52FAF16379B72477280AACFB6BA2B4DACEC29BF3381CDB5B591BFAD26E4508FB6
63F764185C6D883B179B668E5514406A6A66A9675ECC3CEA36BAD8983AEC93D6ADB72AD3F654E0000DCAB722A4D953
C9D7E4790C95B0222A9E6681C8392D481EE82BF246DDF9EC8C917A2EA75BF7FCBAC3B85025 71EFEE469AC0F6DF2A19
C51751EFB33FF0DE6A4D742F9622630BA00156B885543DE2421B77C3D4F21CCF8102C91028896345CBF65A43C98AFA
F7E674581F831D856BCB74B80240CE1D6A88E765E4726B875A571C8574CD0203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.7.0

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

```
-----BEGIN CERTIFICATE-----
MIIFFDCCA/ygAwIBAgIMM0kM5AMl419rP2wKMA0GCSqGSIb3DQEBCwUAMIGCMQswCQYDVQQGEwJI
VTERMA8GA1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjdkX0ZC4xJzAlBgNVBAMMHk1p
Y3Jvc2VjIGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdu
by5odTAeFw0xMzAyMDcxOTAwMDBaFw0yNTAyMDcxOTAwMDBaMIGCMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjdkX0ZC4xJzAlBgNVBAMMHk1hlF1YWxpZml
ZCBlLLVN6aWdubyBUU0EgMjAxMyAwNTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWduby5odTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAMKEdyGozonXEABLW2xebsMY7bZu5c6+aORr
Ctkw36ATrvYWPfTAY/NYp4fQRW+3DNzF+5LlL68WN5tyR3KAqs+2uitNrOwpvzOBzbWlkb+tJuRQ
j7Zj92QYXG2IOxebZo5VFEBqamapZl7MPOo2utiYOuyTlq23KtP2VOAADcq3IqTZU8nX5HkMlbAi
Kp5mgcg5LUge6CvyRt357IyRei6nW/f8usO4UCVx7+5GmsD23yoZxRdR77M/8N5qTXQvliJjC6AB
VriFVD3iQht3w9TyHM+BAskQKIljRcv2WkPJivr35nRYH4MdhWvLdLgCQM4daojnZeRya4daVxyF
dM0CAwEAAaOCAYYwggGCMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgbAMBYGA1UdJQEB/wQM
MAoGCCsGAQUFBwMIMEUGA1UdIAQ+MDww0gYOKwYBBAGBqBgCAQEBBwAwKDAmBggrBgEFBQcCARYa
aHR0cDovL2NwLmUtc3ppZ25vLmh1L3FjcHMwHQYDVR00BBYEFAbapXywqrE5t+1fhH3LAzPLjL4Z
MB8GA1UdIwQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRoMBsGA1UdEQQUMBKBEGluZm9AZS1zemln
bm8uaHUwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2NybC5lLXN6aWdubboy5odS9yb290Y2EyMDA5
LmNybDBuBggrBgEFBQcBAQRiMGAwKwYIKwYBBQUHMAGGH2h0dHA6Ly9yb290b2NzcDIwMDkuZS1z
emlnbm8uaHUwMQYIKwYBBQUHMAKGJWh0dHA6Ly93d3cuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5j
cnQwDQYJKoZIhvcNAQELBQADggEBAIL/VNWcdn17itS3JJ6J1PDCshG6mlzSFPqeylVOTEAVhoyN
RRbtAq2q03cYqOArU61mMW25adGeyXr93cRZZhssF0QT00dScAKzLXd39HZM+FzDEDRnFz/eBGrw
B8Y0E7TMgbcASv6pQ88dty6yGYsECdRaeezYkDfBKCbiS6TKt/nryYPaF0oCUcL4Y9o3xk48pr59
RcXQUFjOtep3r20ikZzEXG1vVFhZ4K/xNk2e93psdi7BV4Nln4dk3FMhO3ZZLxvarWoGs0rfGmZX
UqkMQgNe0vAYYLTVXS2TuJ3uLXiam78dlFqRXghI0l0k7rimpIe7u4UFrlTz1Lf89Gg=
-----END CERTIFICATE-----
```

Service status:	http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z (01 Jul 2016 00:00:00 CEST)

Service supply points: https://tsa.e-szigno.hu/tsa2

https://btsa.e-szigno.hu/tsa2

2.2.57.1. Qualified e-Szigno TSA 2013 05

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 2013 05

Hungarian: Qualified e-Szigno TSA 2013 05

Service digital identity: *Subject key identifier:*

06 DA A5 7C B0 AA B1 39 B7 ED 5F 84 7D CB 03 33 CB 8C BE 19

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2013-02-07T19:00:00.000Z   (07 Feb 2013 20:00:00 CET)

2.2.58. Qualified e-Szigno TSA 2013 06

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 2013 06

Hungarian: Qualified e-Szigno TSA 2013 06

Service digital identity: *Subject key identifier:*

80 02 FB C4 00 9C 9C 85 4C 10 FE 4E 1F 0F AD BB 2F 09 A2 70

Service digital identity: *Version:*

3

Serial number:

16 171 253 460 390 476 387 079 242 762 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2013 06,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

80 02 FB C4 00 9C 9C 85 4C 10 FE 4E 1F 0F AD BB 2F 09 A2 70

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2013-02-07T19:00:00.000Z   (07 Feb 2013 20:00:00 CET)

Valid to:

2025-02-07T19:00:00.000Z   (07 Feb 2025 20:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

F4:6F:3C:B1:79:60:F7:22:A0:D3:3B:4E:35:B2:EF:87:CE:75:1C:F6

SHA-256:

3A:00:7B:26:CF:BC:E3:65:24:58:6C:6D:59:5E:DA:E0:D6:31:D5:1B:B5:D6:7B:B5:24:7C:92:E7:5C:8B:AF:01

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100AF7D92F370C96B3C91043F15740A654671B6D924CF063D39593F67650699494D26788000A437
CB32B5B618A168F83BBAA3801446BAE164181FD0861373FF4DD496EC618F0B76D496DF4853230D0AEBE3288DED46AB
3033695E983B850339E1D748F4C8B9C11FDACB2CEF3965CD51A45C4695E1D11CD118F443CF5C275DA5BCB95F1591EB
081CE9FA40E47D78DAAA85EB2D041E819E76FAC1173E805FF7BDD5CC96F19D04D13E1FCD50B82C53F53C397530E6FB
CC3DFF37CC78A27A439E03B332C9612476D7BA0F475C86D8F848FE81AC8C7750B8424409864F1F269282FECC56D003
0487A540FDF72D1E3B5903A26D872821F7CEF2E6B9EFDB6524F7C086FD3B0203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.7.0

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIFFDCCA/ygAwIBAgIMNECMHq2vLhtf2UQKMA0GCSqGSIb3DQEBCwUAMIGCMQswCQYDVQQGEwJI
VTERMA8GA1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1p
Y3Jvc2VjIGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdu
by5odTAeFw0xMzAyMDcxOTAwMDBaFw0yNTAyMDcxOTAwMDBaMIGCMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1Jc3JvZmll
ZCBlLLVN6aWdubyBUU0EgMjAxMyAwNjEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWduby5odTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAK99kvNwyWs8kQQ/FXQKZUZxttkkzwY9OVk/
Z2UGmUlNJniAAKQ3yzKlthihaPg7uqOAFEa64WQYH9CGE3P/TdSW7GGPC3bUlt9IUyMNCuvjKI3t
RqswM2lemDuFAznh10j0yLnBH9rLLO85Zc1RpFxGleHRHNEY9EPPXCddpby5XxWR6wgc6fpA5H14
2qqF6y0EHoGedvrBFz6AX/e91cyW8Z0E0T4fzVC4LFP1PDllMOb7zD3/N8x4onpDngOzMslhJHbX
ug9HXIbY+Ej+gayMd1C4QkQJhk8fJpKC/sxW0AMEh6VA/fctHjtZA6Jthygh987y5rnv22Uk98CG
/TsCAwEAAaOCAYYwggGCMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgbAMBYGA1UdJQEB/wQM
MAoGCCsGAQUFBwMIMEUGA1UdIAQ+MDwwOgYOKwYBBAGBqBgCAQEBBwAwKDAmBggrBgEFBQcCARYa
aHR0cDovL2NwLmUtc3ppZ25vLmh1L3FjcHMwHQYDVR00BBYEFIAC+8QAnJyFTBD+Th8PrbsvCaJw
MB8GA1UdIwQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRoMBsGA1UdEQQUMBKBEGluZm9AZS1zemln
bm8uaHUwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2NybC5lLXN6aWdub5odS9yb290Y2EyMDA5
LmNybDBuBggrBgEFBQcBAQRiMGAwKwYIKwYBBQUHMAGGH2h0dHA6Ly9yb290b2NzcDIwMDkuZS1z
emlnbm8uaHUwMQYIKwYBBQUHMAKGJWh0dHA6Ly93d3cuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5j
cnQwDQYJKoZIhvcNAQELBQADggEBAC7gqC7XFA+PMwDeI4airFakcmHTKZ8um2OpPtIVm2TKbNJp
66DTz7AXqNq6yF1tXfpKpcOR8ieQ0QesqfJizqxnmhtDzaXAETpFsktyj/bajAFFLwzHugby2Gj2
cdHyoMawtZzwurB993bvGg1Y620G1rcElGTz+ponKSfGSDv6FCnU5Kx7IEkJSt0+4qhcob8xzaRr
s+YwBm0t9ctWhz4O/glUHuOZQPUudutrmLggTweKOAas3aYKbVNqQoEPJGTa3hNxzyMaLVMVR402
BdU2nhDoIY4B8qbF0IBZsQqxEIZiwdrIXBgRWAocMWzF3o7ISkh1ZUafe7GYnqFoWyw=
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z (01 Jul 2016 00:00:00 CEST)

Service supply points: https://tsa.e-szigno.hu/tsa2

https://btsa.e-szigno.hu/tsa2

2.2.58.1. Qualified e-Szigno TSA 2013 06

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name: *English:* Qualified e-Szigno TSA 2013 06

Hungarian: Qualified e-Szigno TSA 2013 06

Service digital identity: *Subject key identifier:*

80 02 FB C4 00 9C 9C 85 4C 10 FE 4E 1F 0F AD BB 2F 09 A2 70

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2013-02-07T19:00:00.000Z   (07 Feb 2013 20:00:00 CET)

2.2.59. Qualified e-Szigno TSA 2013 07

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 2013 07

Hungarian: Qualified e-Szigno TSA 2013 07

Service digital identity: *Subject key identifier:*

63 8E F2 B4 0A BB 5E AC C2 08 84 61 72 5F AA 55 44 29 7A 9D

Service digital identity: *Version:*

3

Serial number:

16 439 192 697 681 828 679 678 765 834 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2013 07,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

63 8E F2 B4 0A BB 5E AC C2 08 84 61 72 5F AA 55 44 29 7A 9D

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2013-02-07T19:00:00.000Z   (07 Feb 2013 20:00:00 CET)

Valid to:

2025-02-07T19:00:00.000Z   (07 Feb 2025 20:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

85:16:47:4A:27:5F:76:0B:CE:AC:4D:F8:4E:2C:6E:38:55:4B:F9:5B

SHA-256:

D2:65:BF:C4:CF:C7:DE:C0:05:FA:1E:A8:B1:6B:2E:3D:99:88:CD:E0:51:BA:A7:DD:77:29:8D:25:A2:8A:93:CA

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100D46010A9CE9EB22B29678F045264B3D1D250AB277BB96B3E08C656F68B145C15EF7C19D0AF8E
959882C881469B26363C7428855C59F16079C1011E8202CCFB3482A7622985C74B13A1875711FBB44DF13502729426
084D71D0AB7487234B84957C79D9BCD46662E70F6778AE5EEC8DEDFE9D5A57178DEC422D92560E35C77C020BB6BB26
B08A5D98E89E62748E64050E6EB3016E1E091377780342D3C5BAA09A91B009C138448B17F04DD807226D9848179C86
1853091BE8FA5D67065D277E64C73D6AA2FC89D25316115B5F2313640AE14A3661A7CDB1399853584125146C279F27
FA5E5FA96E6328F3D83721BBBE6DE2F6B6E4A5F8E00AFCC9975D67F6E8810203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.7.0

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

```
-----BEGIN CERTIFICATE-----
MIIFFDCCA/ygAwIBAgIMNR4uddYzimmoMSsKMA0GCSqGSIb3DQEBCwUAMIGCMQswCQYDVQQGEwJI
VTERMA8GA1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1p
Y3Jvc2VjIGU tU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdu
by5odTAeFw0xMzAyMDcxOTAwMDBaFw0yNTAyMDcxOTAwMDBaMIGCMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1pY3Jvc2Vj
IGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWduby5odTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBANRgEKnOnrIrKWePBFJks9HSUKsne7lrPgjG
VvaLFFwV73wZOK+OlZiCyIFGmyY2PHQohVxZ8WB5wQEeggLM+zSCp2IphcdLE6GHVxH7tE3xNQJy
lCYITXHQq3SHI0uElXx52bzUZmLnD2d4rl7sje3+nVpXF43sQi2SVg4lx3wCC7a7JrCKXZjonmJ0
jmQFDm6zAW4eCRN3eANC08W6oJqRsAnBOESLF/BN2AcibZhIF5yGGFMJG+j6XWcGXSd+ZMc9aqL8
idJTFhFbXyMTZArhSjZhp82xOZhTWEElFGwnnyf6Xl+pbmMo89g3Ibu+beL2tuSl+OAK/MmXXWf2
6IECAwEAAaOCAYYwggGCMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgbAMBYGA1UdJQEB/wQM
MAoGCCsGAQUFBwMIMEUGA1UdIAQ+MDwwOgYOKwYBBAGBqBgCAQEBBwAwKDAmBggrBgEFBQcCARYa
aHR0cDovL2NwLmUtc3ppZ25vLmh1L3FjcHMwHQYDVR00BBYEFG0O8rQKu16swgiEYXJfqlVEKXqd
MB8GA1UdIwQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRoMBsGA1UdEQQUMBKBEGluZm9AZS1zemln
bm8uaHUwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2NybC51LXN6aWdub5odS9yb290Y2EyMDA5
LmNybDBuBggrBgEFBQcBAQRiMGAwKwYIKwYBBQUHMAGGH2h0dHA6Ly9yb290b2NzcDIwMDkuZS1z
emlnbm8uaHUwMQYIKwYBBQUHMAKGJWh0dHA6Ly93d3cuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5j
cnQwDQYJKoZIhvcNAQELBQADggEBAM8XO0qcC1Ea5jc0XUg248rrXjfWbryTIr0tfi0+BF5GKgBk
au4wQs/fSOfXc/cNPGz6qBssHqsBDWXCTvCJ+EhsLCOiQBY+HbAo4WeMqUDBddSMbd3NmdZJQmcV
kEW/bGvASGI5xTmH/c0ZwvPpH2G8VkVXZr71U2W2IlYxQgI27Y+x/X0Uh//Elt4dD8fKNgA9WTQF
5JwBHJe73La9PBUAnjfeuXTJjshcvC1uzCJ8YkwhCrBR01ZWJwOoMjpY3nXgEH48rq0Hdlhfy+yK
IJROQZ+b+87rVBSEd04ByfXA0XQ258tPOFlculm6exSLXo7JhS5B4dxIN/QXzB19EZw=
-----END CERTIFICATE-----
```

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: https://tsa.e-szigno.hu/tsa2

https://btsa.e-szigno.hu/tsa2

2.2.59.1. Qualified e-Szigno TSA 2013 07

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name:

English: Qualified e-Szigno TSA 2013 07

Hungarian: Qualified e-Szigno TSA 2013 07

Service digital identity: *Subject key identifier:*

63 8E F2 B4 0A BB 5E AC C2 08 84 61 72 5F AA 55 44 29 7A 9D

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2013-02-07T19:00:00.000Z   (07 Feb 2013 20:00:00 CET)

2.2.60. Qualified e-Szigno TSA 2013 08

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 2013 08

Hungarian: Qualified e-Szigno TSA 2013 08

Service digital identity: *Subject key identifier:*

69 31 28 20 C5 70 48 2E 26 A7 25 A3 34 A5 72 5C 92 1E 05 64

Service digital identity: *Version:*

3

Serial number:

16 912 711 150 408 413 476 104 132 362 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2013 08,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

69 31 28 20 C5 70 48 2E 26 A7 25 A3 34 A5 72 5C 92 1E 05 64

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2013-02-07T19:00:00.000Z   (07 Feb 2013 20:00:00 CET)

Valid to:

2025-02-07T19:00:00.000Z   (07 Feb 2025 20:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

8F:6B:73:84:41:9B:1D:26:BD:EF:7A:3C:95:DD:54:58:D1:C2:33:E7

SHA-256:

43:6C:90:05:FB:E2:1C:D6:60:77:FC:B7:7B:BD:6F:F5:C7:A4:8D:15:85:DE:14:5F:44:6E:0D:59:8C:BF:8B:12

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100ACEE2A1B5C08A5F3D467EFBA099B578CD2EDC0831526C3550EFABB4C742AE260D88A37FD4475
1516E31939679C69CAFBC957B04C77A1EEC03332CB457AB07216F19BA86CBE996BDFC934F0FE78DC359E9E773652A1
CC227BD491123910AF7A149D17B7844D25016925CE698D7BB2A1B6BBFC02C36B99FDBACBCDF2D76369B76AD029654C
114F2B0DAB9CCBF545B98EA47478213A5B8A8D11BD10E3EDF92C98E706B636C2F2BB92EE8366ACE559DA52387043E3
9871789BDBB249A48113C9352F72F3C0EFACB20D604AE93C356958DD0C241FF87DEF57391C083DCC0395342A6CFC63
740DE81960232A99753669C6EEF2F03D734E983FB9DBF94C8A5810F543B70203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.7.0

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIFFDCCA/ygAwIBAgIMNqXd5Jg5uhH3o1cKMA0GCSqGSIb3DQEBCwUAMIGCMQswCQYDVQQGEwJI
VTERMA8GA1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1p
Y3Jvc2VjIGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdu
by5odTAeFw0xMzAyMDcxOTAwMDBaFw0yNTAyMDcxOTAwMDBaMIGCMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1lY3Jvc2Vj
IGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWduby5odTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAKzuKhtcCKXz1Gfvugmb V4zS7cCDFSbDVQ76
u0x0KuJg2Io3/UR1FRbjGTlnnGnK+8lXsEx3oe7AMzLLRXqwchbxm6hsvplr38k08P543DWennc2
UqHMInvUkRI5EK96FJ0Xt4RNJQFpJc5pjXuyoba7/ALDa5n9usvN8tdjabdq0CllTBFPKw2rnMv1
RbmOpHR4ITpbio0RvRDj7fksmOcGtjbC8ruS7oNmrOVZ2lI4cEPjmHF4m9uySaSBE8k1L3Lzw0+s
sg1gSuk8NWlY3QwkH/h97lc5HAg9zAOVNCps/GN0DegZYCMqmXU2acbu8vA9c06YP7nb+UyKWBD1
Q7cCAwEAAaOCAYYwggGCMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgbAMBYGA1UdJQEB/wQM
MAoGCCsGAQUFBwMIMEUGA1UdIAQ+MDww0gYOKwYBBAGBqBgCAQEBBwAwKDAmBggrBgEFBQcCARYa
aHR0cDovL2NwLmUtc3ppZ25vLmh1L3FjcHMwHQYDVR00BBYEFGkxKCDFcEguJqclozSlclySHgVk
MB8GA1UdIwIQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRoMBsGA1UdEQQUMBKBEGluZm9AZS1zemln
bm8uaHUwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2NybC5lLXN6aWduby5odS9yb290Y2EyMDA5
LmNybDBuBggrBgEFBQcBAQRiMGAwKwYIKwYBBQUHMAGGH2h0dHA6Ly9yb290b2NzcDIwMDkuZS1z
emlnbm8uaHUwMQYIKwYBBQUHMAKGJWh0dHA6Ly93d3cuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5j
cnQwDQYJKoZIhvcNAQELBQADggEBAGVwQ3DZXwf6BXvMJEkpE3a2PUYDOrGqw2ouU4SJKLCPYNOa
7njTOkG4UPFgLWMg7TcDyPXcl0Gn+KajLciZoTnB5qp1Scq69b3sosrcp2QNu96nRU3B9USeZKwc
bs5phwPj/BHBlmGKlleNZg+pwL4p87luAjVvfNQjsDElqyK8nZXYqZEuUo6VvDJM/w93MR3RSG/R
jugioaIkqyxF0CRe/tv/wVMH7zKK05fk7ynkNMHaxVK1dL66CaVtZUe94iU6eOkLDuE78amanRWL
bn0ESX7dAKANe/hBSoe9Yd6CCP7LgvxCsldEOazWH0xKG82jSN8xn+9BHEOZDLAbOrs=
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: https://tsa.e-szigno.hu/tsa2

https://btsa.e-szigno.hu/tsa2

2.2.60.1. Qualified e-Szigno TSA 2013 08

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 2013 08

Hungarian: Qualified e-Szigno TSA 2013 08

Service digital identity: *Subject key identifier:*

69 31 28 20 C5 70 48 2E 26 A7 25 A3 34 A5 72 5C 92 1E 05 64

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2013-02-07T19:00:00.000Z   (07 Feb 2013 20:00:00 CET)

2.2.61. Qualified e-Szigno TSA 2013 09

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name:

English: Qualified e-Szigno TSA 2013 09

Hungarian: Qualified e-Szigno TSA 2013 09

Service digital identity:

Subject key identifier:

56 2A A0 C6 64 73 FC 40 A7 25 53 E2 47 AB 86 62 16 9E 65 06

Service digital identity:

Version:

3

Serial number:

17 071 551 846 155 758 590 506 735 370 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2013 09,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

56 2A A0 C6 64 73 FC 40 A7 25 53 E2 47 AB 86 62 16 9E 65 06

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2013-02-07T19:00:00.000Z   (07 Feb 2013 20:00:00 CET)

Valid to:

2025-02-07T19:00:00.000Z   (07 Feb 2025 20:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

DA:C0:FF:78:DA:C6:C1:2F:06:29:D5:D4:89:F4:D7:B9:E9:F8:4B:B9

SHA-256:

F9:5B:BE:81:89:AF:D5:CF:14:D3:B1:52:70:AB:D2:9D:90:BF:1A:FA:28:CF:0D:78:D4:7D:4C:C1:86:69:20:7E

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100D59389A275A289B40F77FD9EE93DC1235367E5AEE96F4FCD5AD40500C01BAFAFA7FADF22A458
1B79715A655633079E928438ABD7876F5DBF9291B2AC90BB6908582996CBF259B13B7FEE0D2A31B003325499891160
D8C1D13C7A6E4490DC11D4607AB14E65256A219DE34D229FBFE6FED4F8398C118934B9D36FADFC56787DEC4F9465DE
6F955AD08E98139ED311D8FD3E625234F9CE39E6E4E5D5E497EE64408474C478FB76F789D9E9F033D04971F34D4452
F690B1D09A45691ACA7D8319586529862CBA7D6732FF04D1B7C77B665BF311D69557F12CF5CDD3519AE94BE3B36F71
336257BC7A7EEADD62D37EB13B784A6DFC421060BDBA077A20326C385BC70203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.7.0

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIFFDCCA/ygAwIBAgIMNylBt/cNgiVHtpcKMA0GCSqGSIb3DQEBCwUAMIGCMQswCQYDVQQGEwJI
VTERMA8GA1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1p
Y3Jvc2VjIGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdu
by5odTAeFw0xMzAyMDcxOTAwMDBaFw0yNTAyMDcxOTAwMDBaMIGCMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1pY3Jvc2Vj
IGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWduby5odTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBANWTiaJ1oom0D3f9nuk9wSNTZ+Wu6W9PzVrU
BQDAG6+vp/rfIqRYG3lxWmVWMweekoQ4q9eHb12/kpGyrJC7aQhYKZbL8lmxO3/uDSoxsAMyVJmJ
EWDYwdE8em5EkNwR1GB6sU5lJWohneNNIp+/5v7U+DmMEYk0udNvrfxWeH3sT5Rl3m+VWtCOmBOe
0xHY/T5iUjT5zjnm5OXV5JfuZECEdMR4+3b3idnp8DPQSXHzTURS9pCx0JpFaRrKfYMZWGUphiy6
fWcy/wTRt8d7ZlvzEdaVV/Es9c3TUZrpS+0zb3EzYle8en7q3WLTfrE7eEpt/EIQYL26B3ogMmw4
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MAoGCCsGAQUFBwMIMEUGA1UdIAQ+MDww0gYOKwYBBAGBqBgCAQEBBwAwKDAmBggrBgEFBQcCARYa
aHR0cDovL2NwLmUtc3ppZ25vLmh1L3FjcHMwHQYDVR0OBBYEFFYqoMZkc/xApyVT4kerhmIWnmUG
MB8GA1UdIwQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRoMBsGA1UdEQQUMBKBEGluZm9AZS1zemln
bm8uaHUwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2NybC5lLXN6aWduby5odS9yb290Y2EyMDA5
LmNybDBuBggrBgEFBQcBAQRiMGAwKwYIKwYBBQUHMAGGh2h0dHA6Ly9yb290Y2NzcDIwMDkuZS1z
emlnbm8uaHUwMQYIKwYBBQUHMAKGJWh0dHA6Ly93d3cuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5j
cnQwDQYJKoZIhvcNAQELBQADggEBAAh6d36CMMYD0UOXJN3SkjgwBvBcwRErWboGr+7nztUhJCtM
rVB2TDWFRZQeuR6hFFilplhXk0C7YklpiC/ez7kPdG9GDNklBS05Wbx+0xyda4Z+W6z9GKsjmyMt
5YeDwvsSFx7dlZCaypw8fa836hfcO6agJ8rFXnYtoAKU3vi1PYwXLrVlbvwBxRNV9LHC7rHNm/y+
7ofjHtjqxsSTS2v33AxqXjm1m3EWbtXPh5D9C5WQgvae/6yLdJHADh/dQyaRzfg4fxojY3b+PWeW
N594mj29PG/m5SXzhN7TgRi29FQDyaiC6vHUzt0iivqrxFallQ2+85sig2ilJoPcxLI=
-----END CERTIFICATE-----

Service status:	http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: https://tsa.e-szigno.hu/tsa2

https://btsa.e-szigno.hu/tsa2

2.2.61.1. Qualified e-Szigno TSA 2013 09

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name: *English:* Qualified e-Szigno TSA 2013 09

Hungarian: Qualified e-Szigno TSA 2013 09

Service digital identity: *Subject key identifier:*

56 2A A0 C6 64 73 FC 40 A7 25 53 E2 47 AB 86 62 16 9E 65 06

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2013-02-07T19:00:00.000Z   (07 Feb 2013 20:00:00 CET)

2.2.62. Qualified e-Szigno TSA 2013 10

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 2013 10

Hungarian: Qualified e-Szigno TSA 2013 10

Service digital identity: *Subject key identifier:*

28 3D BA 05 F7 11 83 B4 0F 4C 1F 46 95 FA 4A 52 34 F7 6F 5F

Service digital identity: *Version:*

3

Serial number:

17 449 080 172 080 022 532 569 122 570 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2013 10,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

28 3D BA 05 F7 11 83 B4 0F 4C 1F 46 95 FA 4A 52 34 F7 6F 5F

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2013-02-07T19:00:00.000Z   (07 Feb 2013 20:00:00 CET)

Valid to:

2025-02-07T19:00:00.000Z   (07 Feb 2025 20:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

31:1A:B5:D4:17:63:18:92:3F:B3:7E:0C:43:7C:7B:18:67:60:C3:B4

SHA-256:

B4:CC:B4:1E:9E:28:A5:C6:AD:1C:EE:A5:4C:19:4B:D6:9F:65:0F:31:B0:9A:B2:5D:24:07:77:9C:9D:D3:00:24

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100DE7BD0362FC77CAB9A8DF57A04FEE999BAEC54996FF65E4D2B2283347FA147D1CBD4B955BB8D
C6B82CC4A1C313527AFE6FD9D7A8193CAE5EA9FB585CB9CAE8FFBD88AD778032520FA2D5DA5A90C7B8AA5DEF48D921
38AB099B629EE11F9F2A282C18D3D48188F664E01C91D2FD270CAA5ED9B972FC3F829F80E6765CB0A348B64B6B4E45
02881FDAA3160C17F3F17E0BE60B972D848AF19F29F3875794CC11ABDAEBF48A68486516976B48DBE87E64E4210FDE
E32DAB58FFA4307AA99EEF7D94DA133831AE51CC8285DE81532EB3A3D109C0B2FAF91D4EB5732F223AC9924E16FDA3
8FC8F38406429D9EFB9C004EAE51B914AB2EC0B3AE475B232E895A797B090203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.7.0

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIFFDCCA/ygAwIBAgIMOGGKc4WrS26V/0cKMA0GCSqGSIb3DQEBCwUAMIGCMQswCQYDVQQGEwJI
VTERMA8GA1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1p
Y3Jvc2VjIGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdu
by5odTAeFw0xMzAyMDcxOTAwMDBaFw0yNTAyMDcxOTAwMDBaMIGCMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1pY3Jvc2Vj
IGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWduby5odTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAN570DYvx3yrmo31egT+6Zm67FSZb/ZeTSsi
gzR/oUfRy9S5VbuNxrgsxKHDE1J6/m/Zl6gZPK5eqftYXLnK6P+9iKl3gDJSD6LV2lqQx7iqXe9I
2SE4qwmbYp7hH58qKCwY09SBiPZk4ByR0v0nDKpe2bly/D+Cn4Dmdlywo0i2S2tORQKIH9qjFgwX
8/F+C+YLly2EivGfKfOHV5TMEava6/SKaEhlFpdrSNvofmTkIQ/e4y2rWP+kMHqpnu99lNoTODGu
UcyChd6BUy6zo9EJwLL6+R1OtXMvIjrJkk4W/aOPyPOEBkKdnvucAE6uUbkUqy7As65HWyMuiVp5
ewkCAwEAAaOCAYYwggGCMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgbAMBYGA1UdJQEB/wQM
MAoGCCsGAQUFBwMIMEUGA1UdIAQ+MDwwOgYOKwYBBAGBqBgCAQEBBwAwKDAmBggrBgEFBQcCARYa
aHR0cDovL2NwLmUtc3ppZ25vLmh1L3FjcHMwHQYDVR00BBYEFCg9ugX3EY00D0wfRpX6SlI0929f
MB8GA1UdIwQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRoMBsGA1UdEQQUMBKBEGluZm9AZS1zemln
bm8uaHUwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2NybC5lLXN6aWduby5odS9yb290Y2EyMDA5
LmNybDBuBggrBgEFBQcBAQRiMGAwKwYIKwYBBQUHMAGGH2h0dHA6Ly9yb290b2NzcDIwMDkuZS1z
emlnbm8uaHUwMQYIKwYBBQUHMAKGJWh0dHA6Ly93d3cuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5j
cnQwDQYJKoZIhvcNAQELBQADggEBANsPi2uKYVym/uYDPMY7q/9hMoh0uz9jOAC7QprwN/QUNcWW
hkLV8qnLKEt5vRTWTQ262vCj13lSV89YN7zDsmftDL0CxgCFOp7tJMTlBHOQvHbA8JnRedK8oEbv
lMOwVps5LF5fn3qzNB68tt9ObCXAQ1mmJVC9DZinCxapK9qdVgnszFE4hPHrWya7T0uZNjmgzlmg
+elFkKTw16RUTDWGA3yUYabDhx8vft2cXqMMP2Vd0xgccpqJWkNEF1TICIDB8BkWt04Ys0ufMQPM
ETI6kc0wTRI8cwRz6IO2t6fkIxFote+xUkQtWOiYszL2G2u6SXJWlWrYoiRChnonQss=
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points:

https://tsa.e-szigno.hu/tsa2

https://btsa.e-szigno.hu/tsa2

2.2.62.1. Qualified e-Szigno TSA 2013 10

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name:

English: Qualified e-Szigno TSA 2013 10

Hungarian: Qualified e-Szigno TSA 2013 10

Service digital identity: *Subject key identifier:*

28 3D BA 05 F7 11 83 B4 0F 4C 1F 46 95 FA 4A 52 34 F7 6F 5F

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2013-02-07T19:00:00.000Z (07 Feb 2013 20:00:00 CET)

2.2.63. Qualified e-Szigno TSA 2013 11

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 2013 11

Hungarian: Qualified e-Szigno TSA 2013 11

Service digital identity: *Subject key identifier:*

17 E8 F8 79 A8 FE 45 B0 E3 AA B4 C4 EE F1 83 DE A5 27 7C 54

Service digital identity: *Version:*

3

Serial number:

17 769 482 053 192 207 091 307 309 578 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2013 11,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

17 E8 F8 79 A8 FE 45 B0 E3 AA B4 C4 EE F1 83 DE A5 27 7C 54

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2013-02-07T19:00:00.000Z   (07 Feb 2013 20:00:00 CET)

Valid to:

2025-02-07T19:00:00.000Z   (07 Feb 2025 20:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

5F:DB:F2:26:01:21:8D:1A:1B:0D:FE:CF:60:08:FD:35:86:4E:86:E9

SHA-256:

33:E6:3A:BE:EB:4E:F7:D0:51:18:14:3E:EA:39:8A:E7:65:0C:5F:3A:68:DC:8E:20:9A:27:1F:BC:59:15:84:CC

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100B27DEB3F52F0A3E1DF3A69D06F26C9E6D3BA824526849E4CC35489F7556B4EF31DA5528FDC02
B97ABCCA69AB8AC3CEE82533D5DDEAA7E8A4D360078517BEDE46168DFEA5FF7C905C84567AC45C357090EC840D80FC
D1FE4B67C7C76EB4461AEBF178EA9F5AF392F7592682CAB82AE36CEE2EC98A5312A4E024A34B701956106C54B573C2
C8AE82C9DBFC823ACEDF4F442AE4F98BA99310134077D6C165BDE372C1B471A9210E6B599C0819EFE27C05354077B9
2C37D59440BEE04C6E79976067C373F6F6A3FA53564E1E32316AEAF17AA3E93233F5381A8FA7D9C22CB321C6547322
89FD38509840ED7A023253A759D61215B378DE02105069BFF34D56F323C10203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.7.0

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

```
-----BEGIN CERTIFICATE-----
MIIFFDCCA/ygAwIBAgIMOWqSMEz39u+iouoKMA0GCSqGSIb3DQEBCwUAMIGCMQswCQYDVQQGEwJI
VTERMA8GA1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1p
Y3Jvc2VjIGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdu
by5odTAeFw0xMzAyMDcxOTAwMDBaFw0yNTAyMDcxOTAwMDBaMIGCMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1pY3Jvc2Vj
IGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWduby5odTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBALJ96z9S8KPh3zpp0G8myebTuoJFJoSeTMNU
ifdVa07zHaVSj9wCuXq8ymmrisPO6CUz1d3qp+ik02AHhRe+3kYWjf6l/3yQXIRWesRcNXCQ7IQN
gPzR/ktnx8dutEYa6/F46p9a85L3WSaCyrgq42zuLsmKUxKk4CSjS3AZVhBsVLVzwsiugsnb/II6
zt9PRCrk+YupkxATQHfWwWW943LBtHGpIQ5rWZwIGe/ifAU1QHe5LDfVlEC+4ExueZdgZ8Nz9vaj
+lNWTh4yMWrq8Xqj6TIz9Tgaj6fZwiyzIcZUcyKJ/ThQmEDtegIyU6dZ1hIVs3jeAhBQab/zTVbz
I8ECAwEAAaOCAYYwggGCMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgbAMBYGA1UdJQEB/wQM
MAoGCCsGAQUFBwMIMEUGA1UdIAQ+MDww0gYOKwYBBAGBqBgCAQEBBwAwKDAmBggrBgEFBQcCARYa
aHR0cDovL2NwLmUtc3ppZ25vLmh1L3FjcHMwHQYDVR0OBBYEFBfo+Hmo/kWw46q0x07xg96lJ3xU
MB8GA1UdIwQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRoMBsGA1UdEQQUMBKBEGluZm9AZS1zemln
bm8uaHUwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2NybC5lLXN6aWduby5odS9yb290Y2EyMDA5
LmNybDBuBggrBgEFBQcBAQRiMGAwKwYIKwYBBQUHMAGGH2h0dHA6Ly9yb290Y2NzcDIwMDkuZS1z
emlnbm8uaHUwMQYIKwYBBQUHMAKGJWh0dHA6Ly93d3cuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5j
cnQwDQYJKoZIhvcNAQELBQADggEBAJ0BLrhI0Lb6HSYWYd7yzJ9QNK8Ir/+F/ks5AVumQcSfdahu
rqc1W+Fti7JrV+QvvXfR+denKRYygtAEEvBjCvAfDteHkDUrporIXAEauEWi48gzfvV9N/JeKdgg
4fSTSHjP96DNizUafbTzk7xb9S1ag4AwiRgMLuguL4X77FgrPRM/eP8miYlt2kfkca3j0CV3q9vx
vJTyhUxtkuFsSW1mLbTENjfhyr+zS/BZWA8KuCWURvD4ylUN1iKQd0jvFMAic4BnaeCzKORUYEJP
ONcJGVa+r2j0DgUhOCfl9rY9cZzaDUoys807hpl8tDc5T0ziQFGtETcvFv0rAGRNwTI=
-----END CERTIFICATE-----
```

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: https://tsa.e-szigno.hu/tsa2

https://btsa.e-szigno.hu/tsa2

2.2.63.1. Qualified e-Szigno TSA 2013 11

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name: *English:* Qualified e-Szigno TSA 2013 11

Hungarian: Qualified e-Szigno TSA 2013 11

Service digital identity: *Subject key identifier:*

17 E8 F8 79 A8 FE 45 B0 E3 AA B4 C4 EE F1 83 DE A5 27 7C 54

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2013-02-07T19:00:00.000Z   (07 Feb 2013 20:00:00 CET)

2.2.64. Qualified e-Szigno TSA 2013 12

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name:

English: Qualified e-Szigno TSA 2013 12

Hungarian: Qualified e-Szigno TSA 2013 12

Service digital identity: *Subject key identifier:*

DF F5 83 8A 3C 89 F0 86 2E CE 30 2B 75 33 4D 16 CA 10 50 48

Service digital identity: *Version:*

3

Serial number:

18 251 718 552 990 589 474 132 521 226 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2013 12,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

DF F5 83 8A 3C 89 F0 86 2E CE 30 2B 75 33 4D 16 CA 10 50 48

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2013-02-07T19:00:00.000Z   (07 Feb 2013 20:00:00 CET)

Valid to:

2025-02-07T19:00:00.000Z   (07 Feb 2025 20:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

C6:8F:55:E0:1E:F9:81:DC:D8:A2:6F:2C:75:24:8E:85:5E:F5:93:97

SHA-256:

37:5E:62:13:7B:CD:BE:CF:11:11:E9:52:75:6A:84:CC:BA:BE:6B:AF:B9:B7:A7:80:9D:0A:0F:9C:60:1A:D0:48

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100B5C3DB706A7E58EF7A160539E3FA4219A451214BBBA5D39BE309AAFFDF0B97665587BE045A40
A6159E541385637530C3C17B83D239E0F244CFFF7C1FB69B59C26BD47C72BF35E719C847FAF66CACCCABFF8232E3EF
E6BAB5DA4D1673AC51AF53DC1B806F57791653E25CF7832AB4D74714D976A68E6F6110D53E3F3702C69A5E2CC02D43
6230F2342AB23954CEF4DCB1577EEB47CC81B0C6B7CFB96F7F87C3A9CE991FE116639E4CE40EF0CDF51FC6B5D751D8
2929DAA59381E74DCFB6DA87928508627D377026354513616BF78F5D8603A5A44A49476A5CCDB76848247E7E65C8A5
DB677ADAAD3395493030DA116EFF46A47E7BFC8100C69934C89C2C291D0F0203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.7.0

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIFFDCCA/ygAwIBAgIMOvl3vVZajX1bSPEKMA0GCSqGSIb3DQEBCwUAMIGCMQswCQYDVQQGEwJI
VTERMA8GA1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1p
Y3Jvc2VjIGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdu
by5odTAeFw0xMzAyMDcxOTAwMDBaFw0yNTAyMDcxOTAwMDBaMIGCMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1pY3Jvc2Vj
IGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWduby5odTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBALXD23BqfljvehYFOeP6QhmkUSFLu6XTm+MJ
qv/fC5dmVYe+BFpAphWeVBOFY3Uww8F7g9I54PJEz/98H7abWcJrlHxyvzXnGchH+vZsrMyr/4Iy
4+/murXaTRZzrFGvU9wbgG9XeRZT4lz3gyq01OcU2Xamjm9hENU+PzcCxppeLMAtQ2Iw8jQqsjlU
zvTcsVd+60fMgbDGt8+5b3+Hw6nOmR/hFmOeTOQO8M31H8al1lHYKSnapZOB503PttqHkoUIYn03
cCY1RRNha/ePXYYDpaRKSUdqXM23aEgkfn5lyKXbZ3rarTOVSTAw2hFu/0akfnv8gQDGmTTInCwp
HQ8CAwEAAaOCAYYwggGCMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgbAMBYGA1UdJQEB/wQM
MAoGCCsGAQUFBwMIMEUGA1UdIAQ+MDww0gYOKwYBBAGBqBgCAQEBBwAwKDAmBggrBgEFBQcCARYa
aHR0cDovL2NwLmUtc3ppZ25vLmh1L3FjcHMwHQYDVR00BBYEFN/1g4o8ifCGLs4wK3UzTRbKEFBI
MB8GA1UdIwQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRoMBsGA1UdEQQUMBKBEGluZm9AZS1zemln
bm8uaHUwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2NybC5lLXN6aWduby5odS9yb290Y2EyMDA5
LmNybDBuBggrBgEFBQcBAQRiMGAwKwYIKwYBBQUHMAGGH2h0dHA6Ly9yb290b2NzcDIwMDkuZS1z
emlnbm8uaHUwMQYIKwYBBQUHMAKGJWh0dHA6Ly93d3cuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5j
cnQwDQYJKoZIhvcNAQELBQADggEBAEMqvQtsdeONIe/5p4EHmLhj6VBY+vjMTd9hBzgTW46qs8Iy
qrOc7ZtC7hD6bn10WY3sOTRIRZhHVutK2yakvQeGndrQC8Hiu3t/vHi9dHd97iL8xVBVkuem2MhH
3DwcoCeuZsW6DV+f0xL8Wo3XiAr4A9AzpcqHn19qWMLVI5qae7QDiPq7VKOfM7e+k+cc9CePEzXT
Yz4fEWpIPMmznsodJdkelHkQqzDBlDMB3q78ywxwoZSoAq1KEUamm8CvR2Tv+A0QfYRN3phoak3L
MRalgLEvRaGkWl/PqXnhAQWEovglrpkrsM3OLdZPtBJlKLAy3TWmO7KwGGxILmtqJgQ=
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: https://tsa.e-szigno.hu/tsa2

https://btsa.e-szigno.hu/tsa2

2.2.64.1. Qualified e-Szigno TSA 2013 12

<div style="text-align: right">

Provider: 2
Service: 64
History: 1/1

</div>

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name: *English:* Qualified e-Szigno TSA 2013 12

Hungarian: Qualified e-Szigno TSA 2013 12

Service digital identity: *Subject key identifier:*

DF F5 83 8A 3C 89 F0 86 2E CE 30 2B 75 33 4D 16 CA 10 50 48

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2013-02-07T19:00:00.000Z   (07 Feb 2013 20:00:00 CET)

2.2.65. Qualified e-Szigno TSA 2014 01

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 2014 01

Hungarian: Qualified e-Szigno TSA 2014 01

Service digital identity: *Subject key identifier:*

56 99 0E C4 C7 91 C4 B0 76 97 F7 18 C0 E4 3F 93 C9 C1 A0 CA

Service digital identity: *Version:*

3

Serial number:

18 397 800 613 017 848 702 231 630 346 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2014 01,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

56 99 0E C4 C7 91 C4 B0 76 97 F7 18 C0 E4 3F 93 C9 C1 A0 CA

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2014-02-07T18:00:00.000Z   (07 Feb 2014 19:00:00 CET)

Valid to:

2026-02-07T18:00:00.000Z   (07 Feb 2026 19:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

32:1E:86:F9:3B:1E:97:82:46:C9:F4:30:B7:09:E6:9C:AB:BF:89:33

SHA-256:

9E:E5:08:7E:A9:CC:93:4E:88:C2:90:5B:58:4B:E0:00:5C:1D:AB:FE:85:19:52:E0:72:56:12:42:01:1F:76:2F

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100EB3080616AEAF8AF7F0FCB2AE3945C5B8330C15BF108C417C149BD30A6D240A0DA8EEAEAB746
DAB418D9DECAC5F17F79366D7D5C9CA5E63DED63729D28E06F1080511353C0BF53E1CF4A9AAA7479164D07A7810CBE
666C2EECD9079D96996F5123183568B3B2747E6E7E55BA25075C4F56F4D9273C8B18269DBB36F2A2A0AD9CEFFE3C54
6F5F72A29FEBE233CA6F119D20C096D0C72F8E561FFBC5D980C1D44BAB4844BEE8F679EAC5635168BA15BD319022D4
9946F84376F11984F5C502DBAFA0C3778C77466F5C7D85B54031F04D3AEFE3DC837292C6F2BE5F78DE51FFAEBBAFE3
EBD2D67E9BC87FFF8399CEC9E1017B9948752AB1A286F73E60DFBE281AC50203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.7.0

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIFFDCCA/ygAwIBAgIMO3JN0a3wwJ9Xq9IKMA0GCSqGSIb3DQEBCwUAMIGCMQswCQYDVQQGEwJI
VTERMA8GA1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1p
Y3Jvc2VjIGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdu
by5odTAeFw0xNDAyMDcxODAwMDBaFw0yNjAyMDcxODAwMDBaMIGCMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHhlF1YWxpZml1
ZCBlLVN6aWdubyBUU0EgMjAxNCAwMTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWduby5odTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAOswgGFq6vivfw/LKuOUXFuDMMFb8QjEF8FJ
vTCm0kCg2o7q6rdG2rQY2d7KxfF/eTZtfVycpeY97WNynSjgbxCAURNTwL9T4c9Kmqp0eRZNB6eB
DL5mbC7s2QedlplvUSMYNWizsnR+bn5VuiUHXE9W9NknPIsYJp27NvKioK2c7/48VG9fcqKf6+Iz
ym8RnSDAltDHL45WH/vF2YDBlEurSES+6PZ56sVjUWi6Fb0xkCLUmUb4Q3bxGYT1xQLbr6DDd4x3
Rm9cfYW1QDHwTTrv49yDcpLG8r5feN5R/667r+Pr0tZ+m8h//4OZzsnhAXuZSHUqsaKG9z5g374o
GsUCAwEAAaOCAYYwggGCMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgbAMBYGA1UdJQEB/wQM
MAoGCCsGAQUFBwMIMEUGA1UdIAQ+MDww0gYOKwYBBAGBgBgCAQEBBwAwKDAmBggrBgEFBQcCARYa
aHR0cDovL2NwLmUtc3ppZ25vLmh1L3FjcHMwHQYDVR0OBBYEFFaZDsTHkcSwdpf3GMDkP5PJwaDK
MB8GA1UdIwQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRoMBsGA1UdEQQUMBKBEGluZm9AZS1zemln
bm8uaHUwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2NybC5lLXN6aWduby5odS9yb290Y2EyMDA5
LmNybDBuBggrBgEFBQcBAQRiMGAwKwYIKwYBBQUHMAGGH2h0dHA6Ly9yb290b2NzcDIwMDkuZS1z
emlnbm8uaHUwMQYIKwYBBQUHMAKGJWh0dHA6Ly93d3cuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5j
cnQwDQYJKoZIhvcNAQELBQADggEBAJaJ4B0Mr64WLGA3dvE6fdejfyrBXQDl3HBoplciWCcPgh08
vlaEw+HK31HnT8VEKM/5IPG2cZnWvk4dqe44L8ybMmNv7picitp3FwaTNnfZIgLwBlnantabqkVv
x6+x7kM4oZn2H0nloB9TiLJm7fcT3K7n+Y3D2Pox3clut4Klk48aMafB6DquXbNdWum4/2xrby1i
rYSjQsvl050/qf3toCy4trwUoluymyGaAeFY/mx8DLUf93yKa2xIMJNIr0tdZSBxbHT5HOo4Bdt4
8c+Q+lEwjpwvSsfM3J/DYrzkq28MK0Tqr6aO1qGztZrZRaznySeU5aiaqQJ8Odnce9M=
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: https://tsa.e-szigno.hu/tsa2

https://btsa.e-szigno.hu/tsa2

2.2.65.1. Qualified e-Szigno TSA 2014 01

Service type identifier:	http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:	*English:*	Qualified e-Szigno TSA 2014 01
	Hungarian:	Qualified e-Szigno TSA 2014 01

Service digital identity: *Subject key identifier:*

56 99 0E C4 C7 91 C4 B0 76 97 F7 18 C0 E4 3F 93 C9 C1 A0 CA

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2014-02-07T18:00:00.000Z (07 Feb 2014 19:00:00 CET)

2.2.66. Qualified e-Szigno TSA 2014 02

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name:

English: Qualified e-Szigno TSA 2014 02

Hungarian: Qualified e-Szigno TSA 2014 02

Service digital identity: *Subject key identifier:*

60 1D D6 21 3B 6B 6B E8 DA 13 63 40 E7 DC 71 4E 4C 68 75 92

Service digital identity: *Version:*

3

Serial number:

18 753 665 408 183 766 506 591 143 690 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2014 02,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

60 1D D6 21 3B 6B 6B E8 DA 13 63 40 E7 DC 71 4E 4C 68 75 92

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2014-02-07T18:00:00.000Z   (07 Feb 2014 19:00:00 CET)

Valid to:

2026-02-07T18:00:00.000Z   (07 Feb 2026 19:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

D1:81:4D:94:0F:A5:25:E1:55:77:7E:B6:1D:CE:AA:5F:21:D8:3D:7B

SHA-256:

5C:04:5D:4A:C7:71:13:17:40:DB:14:AA:E5:F9:27:5D:E9:03:94:44:10:96:D2:FC:2D:E9:0C:34:83:C1:1A:9A

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100C53CCDF3D8BA633F814FD67C66A03900D4BBA8353EEAD36294E1513B907F60C5476AC62393AC
17CE361103BE7A51581B6E3D6DCA9C668237A14DC3BECA849681B7B75D4A3AB78C2452A5B670D139E51F8DDD4BF5F2
9775F7D591D42F6829646EBF0F20FDFAAB7C316BA5F0B54BDF0B5A5F96F0B54DCF471364F9A89CA35B18D434FEAA5C
CAAA2443827D2ACBBE61F9BBB2DA5F429CBE36306CCF86C33B9884BA4EB98FCF9DAEB69EEDBE086F00A0AB4494C532
8BCBA53D5F82ED683013C0D01E932C1D5F12FF335D45E1C7F2D52A2AE4086AE64307BC99E7CC7C8898BE5CED7BCB4C
7A330442DE92285C3D030B6BB11065DEDA70FFCC13F9D793A309A03C98EB0203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.7.0

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIFFDCCA/ygAwIBAgIMPJirHuGGPzr4+scKMA0GCSqGSIb3DQEBCwUAMIGCMQswCQYDVQQGEwJI
VTERMA8GA1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1p
Y3Jvc2VjIGUtU3ppZ25vIEFjb3Qg0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdu
by5odTAeFw0xNDAyMDcx0DAwMDBaFw0yNjAyMDcx0DAwMDBaMIGCMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1lYWxpZmll
ZCBlLVN6aWdubyBUU00EgMjAxNCAwMjEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdby5odTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAMU8zfPYumM/gU/WfGagQQDUu6g1PurTYpTh
UTuQf2DFR2rGI5OsF842EQ0+elFYG249bcqcZoI3oU3DvsqEloG3t11KOreMJFKltnDROeUfjd1L
9fKXdffVkdQvaClkbr8PIP36q3wxa6XwtUvfClpflvC1Tc9HE2T5qJyjWxjUNP6qXMqqJE0CfSrL
vmH5u7LaX0KcvjYwbM+GwzuYhLpOuY/Pna62nu2+CG8AoKtElMUyi8ulPV+C7WgwE8DQHpMsHV8S
/zNdReHH8tUqKuQIauZDB7yZ58x8iJi+X017y0x6MwRC3pIoXD0DC2uxEGXe2nD/zBP515OjCaA8
mOsCAwEAAaOCAYYwggGCMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgbAMBYGA1UdJQEB/wQM
MAoGCCsGAQUFBwMIMEUGA1UdIAQ+MDwwOgYOKwYBBAGBqBgCAQEBBwAwKDAmBggrBgEFBQcCARYa
aHR0cDovL2NwLmUtc3ppZ25vLmh1L3FjcHMwHQYDVR00BBYEFGAdliE7a2vo2hNjQ0fccU5MaHWS
MB8GA1UdIwQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRoMBsGA1UdEQQUMBKBEGluZm9AZS1zemln
bm8uaHUwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2NybC5lLXN6aWduby5odS9yb290Y2EyMDA5
LmNybDBuBggrBgEFBQcBAQRiMGAwKwYIKwYBBQUHMAGGH2h0dHA6Ly9yb290Y2NzcDIwMDkuZS1z
emlnbm8uaHUwMQYIKwYBBQUHMAKGJWh0dHA6Ly93d3cuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5j
cnQwDQYJKoZIhvcNAQELBQADggEBALu6wEHoVjPcZ/EDaGyPvQ9T02l7D8aa9KubbRrihGrvPi2h
ieoJ519hCIbNqLG0w3CPxCX1N2IKGlBc/nrQjge0Q9haopQRflH0bg2ZH3padr6bkvK+pmLwnDre
fXM2AkmHPzMUAyrno+oZW/aYyQW6PZyx1WRFHqjVIdp8LJi8i8kZMhDUAP9Bl45ruQu9ajdYWfkU
Bqko86D/aQBsCrvJjJYfjFYF84F3mOom4axwgAW6lEG7zn16pbBbr2TMFRFna136ulvqi0x4n+MN
QlZZ2EkcOawghBjjil5k+m0kCtvLGsNkcGX1tL1mnc+yR8iamCSWSItWERg4wvYNbUc=
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z (01 Jul 2016 00:00:00 CEST)

Service supply points: https://tsa.e-szigno.hu/tsa2

https://btsa.e-szigno.hu/tsa2

2.2.66.1. Qualified e-Szigno TSA 2014 02

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name:

English: Qualified e-Szigno TSA 2014 02

Hungarian: Qualified e-Szigno TSA 2014 02

Service digital identity: *Subject key identifier:*

60 1D D6 21 3B 6B 6B E8 DA 13 63 40 E7 DC 71 4E 4C 68 75 92

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2014-02-07T18:00:00.000Z   (07 Feb 2014 19:00:00 CET)

2.2.67. Qualified e-Szigno TSA 2014 03

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 2014 03

Hungarian: Qualified e-Szigno TSA 2014 03

Service digital identity:

Subject key identifier:

52 16 21 8E 65 96 2F 85 DA E1 6B 9C C2 F7 18 9F DB 29 9D 5A

Service digital identity:

Version:

3

Serial number:

18 940 250 344 632 714 006 377 561 098 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2014 03,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

52 16 21 8E 65 96 2F 85 DA E1 6B 9C C2 F7 18 9F DB 29 9D 5A

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2014-02-07T18:00:00.000Z   (07 Feb 2014 19:00:00 CET)

Valid to:

2026-02-07T18:00:00.000Z   (07 Feb 2026 19:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

CB:3C:9D:0A:13:86:5B:AD:7A:F0:02:7B:AA:69:E3:5D:83:E1:DC:B6

SHA-256:

55:45:51:96:84:DE:6C:87:87:53:26:D9:85:DF:03:34:57:5B:74:BB:18:E9:D2:60:3D:45:9A:C8:89:BA:19:91

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A02820101009DE0C8DF7975369F8A865A9847F8F73C8D62C7682F025C593137487892160EB90A95D55A84CA
1A41C5DD4628F1323061418206F4BA8416E8677C029C225EBF69EBEE00EE7EF3ED117AF47D71752A8D4ACB0AB8D8E8
6649322230DB85DC5CFA420C894DC0D011B7AE8433F246DE3792D837CF0CF88FC0978258F5C4F0936388BDC779432D
A051999513112684302A0B734DC6A0C704F2A747E235F070C3691A67B8105DC02D7FD26EFA3C3D68C78E925CF124B6
EB3C565CE452CF5B8389733F508AA1AF7A28B5A611B1B296B4029D266A24AD8F682A71EF52044073BD43294B92D61F
7DB1B7D577C375AD10263F60B73FBC1D0D8C70FB70B5E7A24357C10D54430203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.7.0

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIFFDCCA/ygAwIBAgIMPTMCBI2yi4EtLHwKMA0GCSqGSIb3DQEBCwUAMIGCMQswCQYDVQQGEwJI
VTERMA8GA1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1p
Y3Jvc2VjIGUtU3ppZ25vIEFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdu
by5odTAeFw0xNDAyMDcxODAwMDBaFw0yNjAyMDcxODAwMDBaMIGCMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHhlF1YWxpZmll
ZCBlLVN6aWdubyBUU0EgMjAxNCAwMzEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWduby5odTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAJ3gyN95dTafioZamEf49zyNYsdoLwJcWTE3
SHiSFg65CpXVWoTKGkHF3UYo8TIwYUGCBvS6hBboZ3wCnCJev2nr7gDufvPtEXr0fXF1Ko1Kywq4
20hmSTIiMNuF3Fz6QgyJTcDQEbeuhDPyRt43ktg3zwz4j8CXglj1xPCTY4i9x3lDLaBRmZUTESaE
MCoLc03GoMcE8qdH4jXwcMNpGme4EF3ALX/Sbvo8PWjHjpJc8SS26zxWXORSz1uDiXM/UIqhr3oo
taYRsbKWtAKdJmokrY9oKnHvUgRAc7lDKUuS1h99sbfVd8N1rRAmP2C3P7wdDYxw+3C156JDV8EN
VEMCAwEAAaOCAYYwggGCMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgbAMBYGA1UdJQEB/wQM
MAoGCCsGAQUFBwMIMEUGA1UdIAQ+MDwwOgYOKwYBBAGBqBgCAQEBBwAwKDAmBggrBgEFBQcCARYa
aHR0cDovL2NwLmUtc3ppZ25vLmh1L3FjHMwHQYDVR00BBYEFFIWIY5lli+F2uFrnML3GJ/bKZ1a
MB8GA1UdIwIQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRoMBsGA1UdEQQUMBKBEGluZm9AZS1zemln
bm8uaHUwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2NybC5lLXN6aWduby5odS9yb290Y2EyMDA5
LmNybDBuBggrBgEFBQcBAQRiMGAwKwYIKwYBBQUHMAGGH2h0dHA6Ly9yb290Y2NzcDIuMDkuZS1z
emlnbm8uaHUwMQYIKwYBBQUHMAKGJWh0dHA6Ly93d3cuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5j
cnQwDQYJKoZIhvcNAQELBQADggEBAJBh82ADAVuoud0Z4+JcvWuA0kg9tH53jjyTXEejFBoDeyGK
lc97pbfzqO0sx6EGSxSPTu6nrra/TcCOlHKS3F8awiB1zyeCLFFWZ0Pre6jBNevxmu+J7/VRCMTo
Zb7UccWIacIBOHDmdp6qO9yWPjxlAdXV5FJ0ZDJKQJLS6+qvwUHGTB7wJAhc2GZihlvlipAtc8j9
VhhUtohk4Aw08N/pIGT2a+i1kRWkvkL5uJAkcOyYXrTrxc9Mul4+btIgXwSDddJ31Xb85YVKFivI
SNV/uLVR3VtwB/q0L52ybGHNJVz/QvA5ZhDk1elDQMUmQAfvw4WJXrsEg1PeA6uCkow=
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: https://tsa.e-szigno.hu/tsa2

https://btsa.e-szigno.hu/tsa2

2.2.67.1. Qualified e-Szigno TSA 2014 03

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name: *English:* Qualified e-Szigno TSA 2014 03

Hungarian: Qualified e-Szigno TSA 2014 03

Service digital identity: *Subject key identifier:*

52 16 21 8E 65 96 2F 85 DA E1 6B 9C C2 F7 18 9F DB 29 9D 5A

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2014-02-07T18:00:00.000Z   (07 Feb 2014 19:00:00 CET)

2.2.68. Qualified e-Szigno TSA 2014 04

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 2014 04

Hungarian: Qualified e-Szigno TSA 2014 04

Service digital identity: *Subject key identifier:*

F1 30 A6 5D 4F C2 68 9D E4 F3 E4 7C A7 56 C7 0D 2E 38 5F F7

Service digital identity: *Version:*

3

Serial number:

19 309 960 072 171 875 104 928 760 586 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2014 04,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

F1 30 A6 5D 4F C2 68 9D E4 F3 E4 7C A7 56 C7 0D 2E 38 5F F7

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2014-02-07T18:00:00.000Z   (07 Feb 2014 19:00:00 CET)

Valid to:

2026-02-07T18:00:00.000Z   (07 Feb 2026 19:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

64:37:8A:D5:02:78:E1:07:AB:F6:6C:F6:EA:EA:61:5A:D5:C2:2B:40

SHA-256:

00:F1:AA:0D:9A:56:F8:34:06:14:3F:D5:28:D4:09:DB:1D:23:60:CE:F1:E1:C3:5F:11:7B:81:D7:98:E5:B1:CE

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100D75D69C9896D90AEA850201F84EAD88371CA5114ED846BF5D498BEAA786B080E656D6C9F7004
F896D001F71B29494111DA427F63D34BF4A3559FE045421E6BEEADD6359E14A5083493B4854734CDB6D068F947742E
5ED72ABB7588336BFF6FF7F2673BBEBDD018D501A1251B90898724E76B6903F2D75DA588617F3903D925F880DBE752
5ECF2A1569A7EC18565EF2AB721C07693E3B52B2985B6ECD0059F5FECD425D8D09EBBFBACF6366724108CD3BC1D7F0
17E355322778B1FA8037231BA3C0DCF3913362E0B564F6A419B7007E5C3DF599D983ADE3BCC4ACB8DC6B09B78790FA
A19AE8DC987BAF32782FAD31D7664728C7885499698D75E25F2B6D9FC8370203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.7.0

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIFFDCCA/ygAwIBAgIMPmTTGQr4h2HIIwMKMA0GCSqGSIb3DQEBCwUAMIGCMQswCQYDVQQGEwJI
VTERMA8GA1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1p
Y3Jvc2VjIGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdu
by5odTAeFw0xNDAyMDcxODAwMDBaFw0yNjAyMDcxODAwMDBaMIGCMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1lY3Jvc2Vj
IGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdnby5odTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBANddacmJbZCuqFAgH4Tq2INxylEU7YRr9dSY
vqp4awgOZWlsn3AE+JbQAfcbKUlBEdpCf2PTS/SjVZ/gRUIea+6tljWeFKUINJOOhUc0zbbQaPlH
dC5e1yq7dYgza/9v9/Jn07690BjVAaElG5CJhyTna2kD8tddpYhhfzkD2SX4gNvnUl7PKhVpp+wY
Vl7yq3IcB2k+OlKymFtuzQBZ9f7NQl2NCeu/us9jZnJBCM07wdfwF+NVMid4sfqANyMbo8Dc85Ez
YuClZPakGbcAflw99ZnZg63jvMSsuNxrCbeHkPqhmujcmHuvMngvrTHXZkcox4hUmWmNdeJfK22f
yDcCAwEAAaOCAYYwggGCMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgbAMBYGA1UdJQEB/wQM
MAoGCCsGAQUFBwMIMEUGA1UdIAQ+MDwwOgYOKwYBBAGBqBgCAQEBBwAwKDAmBggrBgEFBQcCARYa
aHR0cDovL2NwLmUtc3ppZ25vLmh1L3FjcHMwHQYDVR0OBBYEFPEwpl1Pwmid5PPkfKdWxw0uOF/3
MB8GA1UdIwQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRoMBsGA1UdEQQUMBKBEGluZm9AZS1zemln
bm8uaHUwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2NybC5lLXN6aWduby5odS9yb290Y2EyMDA5
LmNybDBuBggrBgEFBQcBAQRiMGAwKwYIKwYBBQUHMAGGH2h0dHA6Ly9yb290b2NzcDIwMDkuZS1z
emlnbm8uaHUwMQYIKwYBBQUHMAKGJWh0dHA6Ly93d3cuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5j
cnQwDQYJKoZIhvcNAQELBQADggEBANhZxjRycZUA0wE3JaYJt2HdW4MgZuhEypK77d7WZZ9sQTKn
5ftocHoD34h/PAtlBSzR3jr22oA5Hkgpa/SPMBCh0DuFMulH7JiCuXY5K0u4udJQwy5r+LxW3XOM
ZXWROF66T0OYAxI/j/lPxfaIAQQV7Ceuk1GujcmEKlqhDZITONBUJlTIoi5L2NMxJ7h2CrtL6gWC
zw4OeSUZRClvSnjuG0I5Oqtxn163rg7yxc7Plr5e824x9TuH+hftOysKqVtsaBR85JXjifTu9sSi
nI+TvqFJMa/M8g4vciJp9prtcVAEft06uOan3yhh3dftzyCDKVtntujhd6jmUgZL6Yk=
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: https://tsa.e-szigno.hu/tsa2

https://btsa.e-szigno.hu/tsa2

2.2.68.1. Qualified e-Szigno TSA 2014 04

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 2014 04

Hungarian: Qualified e-Szigno TSA 2014 04

Service digital identity: *Subject key identifier:*

F1 30 A6 5D 4F C2 68 9D E4 F3 E4 7C A7 56 C7 0D 2E 38 5F F7

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2014-02-07T18:00:00.000Z   (07 Feb 2014 19:00:00 CET)

2.2.69. Qualified e-Szigno TSA 2014 05

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name:

English: Qualified e-Szigno TSA 2014 05

Hungarian: Qualified e-Szigno TSA 2014 05

Service digital identity:

Subject key identifier:

DB F5 DB A4 20 63 63 2F 1C E8 F1 99 E8 20 D3 E9 59 A4 4E 75

Service digital identity:

Version:

3

Serial number:

19 562 758 006 433 789 807 765 524 746 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2014 05,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

DB F5 DB A4 20 63 63 2F 1C E8 F1 99 E8 20 D3 E9 59 A4 4E 75

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2014-02-07T18:00:00.000Z   (07 Feb 2014 19:00:00 CET)

Valid to:

2026-02-07T18:00:00.000Z   (07 Feb 2026 19:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

FE:8F:E4:A6:B6:9D:DC:3D:38:0B:5E:21:CA:47:04:B8:27:0C:75:B4

SHA-256:

CB:9D:99:35:2E:F9:77:C7:72:58:8B:23:0E:6D:46:9B:67:34:60:B7:D1:9C:CB:FF:81:9C:73:E5:DA:41:83:01

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100BCC72D8CEF8AD6AA2EC0F96B8BF1BFBFC9D2F636CB3578FB798B790F574CBE7043AD66A350E6
C9665479BFB4A9236AFB4B8E476C62679D963802ADE324F4E022365F3E77B06D9D44D4896E7C643FCBE71C6E9920FF
45DA6B84777286CB21097919CD53A53EE43288C964B903A7EEDE2F1034DF9623EA1B696982436762A045880A82D0AB
678884228A8E069AE82BBEC927171A71D1532618B6955877F06665F20B8AB91CD8866BCAB115E78635C09F0AC8FFF7
C5F176AE35D66412A0158FFF2BEA19FE6C9C42A65F11E18071FCB1F3760A907D3CAA09BA9CA97EDD3817F61BD2A5A7
7201BB9A5021933A9CEDC926FE5414813A490C03F1B041BA2F5F90FE40530203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.7.0

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIFFDCCA/ygAwIBAgIMPzXvJITpV8/rJJEKMA0GCSqGSIb3DQEBCwUAMIGCMQswCQYDVQQGEwJI
VTERMA8GA1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1p
Y3Jvc2VjIGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdu
by5odTAeFw0xNDAyMDcxODAwMDBaFw0yNjAyMDcxODAwMDBaMIGCMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHlF1YWxpZmll
ZCBlLVN6aWdubyBUU0EgMjAxNCAwNTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWduby5odTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBALzHLYzvitaqLsD5a4vxv7/J0vY2yzV4+3mL
eQ9XTL5wQ61molDmyWZUeb+0qSNq+0uOR2xiZ52WOAKt4yT04CI2Xz53sG2dRNSJbnxkP8vnHG6Z
IP9F2muEd3KGyyEJeRnNU6U+5DKIyWS5A6fu3i8QNN+WI+obaWmCQ2dioEWICoLQq2eIhCKKjgaa
6Cu+yScXGnHRUyYYtpVYd/BmZfILirkc2IZryrEV54Y1wJ8KyP/3xfF2rjXWZBKgFY//K+oZ/myc
QqZfEeGAcfyx83YKkH08qgm6nKl+3TgX9hvSpadyAbuaUCGTOpztySb+VBSBOkkMA/GwQbovX5D+
QFMCAwEAAaOCAYYwggGCMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgbAMBYGA1UdJQEB/wQM
MAoGCCsGAQUFBwMIMEUGA1UdIAQ+MDwwOgYOKwYBBAGBqBgCAQEBBwAwKDAmBggrBgEFBQcCARYa
aHR0cDovL2NwLmUtc3ppZ25vLmh1L3FjcHMwHQYDVR0OBBYEFNv126QgY2MvHOjxmegg0+lZpE51
MB8GA1UdIwQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRoMBsGA1UdEQQUMBKBEGluZm9AZSlzemln
bm8uaHUwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2NybC5lLXN6aWdubo5odS9yb290Y2EyMDA5
LmNybDBuBggrBgEFBQcBAQRiMGAwKwYIKwYBBQUHMAGGH2h0dHA6Ly9yb290b2NzcDIwMDkuZS1z
emlnbm8uaHUwMQYIKwYBBQUHMAKGJWh0dHA6Ly93d3cuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5j
cnQwDQYJKoZIhvcNAQELBQADggEBAHK/yMapXYBhLNIxG75GeNMxseG3wh0vysompIKioqAxQMUG
6XZbCw0l4Z0ocVW9fQIM8c8tvSSxDJu0pJhA6EKzS5p0tk8uZusC/TPfZVrpocl00c+VnPVRNF2l
P6trLBZMq44jCQEdMRXG669rFZNbZQlUGIUrdd1hn954xPU5cS/zmBxT5YsXILrU8ZojURdjbX5U
8cqQUHyrmM2p/lfdBQDUSniXX9YmG3/xMwQly9OnZeeJnjuuao2osrSx3bVIpQFVyNDpiMZ4PvCZ
07UsexWLiJV/BBRFJIqjccsMMZ5lJsuHL2s91wbUVaOKzX/SdrboBGyDz7eANgjvQYI=
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z (01 Jul 2016 00:00:00 CEST)

Service supply points: https://tsa.e-szigno.hu/tsa2

https://btsa.e-szigno.hu/tsa2

2.2.69.1. Qualified e-Szigno TSA 2014 05

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name: *English:* Qualified e-Szigno TSA 2014 05

                Hungarian: Qualified e-Szigno TSA 2014 05

Service digital identity: *Subject key identifier:*

DB F5 DB A4 20 63 63 2F 1C E8 F1 99 E8 20 D3 E9 59 A4 4E 75

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2014-02-07T18:00:00.000Z   (07 Feb 2014 19:00:00 CET)

2.2.70. Qualified e-Szigno TSA 2014 06

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 2014 06

Hungarian: Qualified e-Szigno TSA 2014 06

Service digital identity: *Subject key identifier:*

8C E8 B0 1A 46 99 6E 0A A3 C6 B8 FC 8F 8B 97 83 4F 16 1F DB

Service digital identity: *Version:*

3

Serial number:

19 874 035 228 111 362 873 263 137 290 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2014 06,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

8C E8 B0 1A 46 99 6E 0A A3 C6 B8 FC 8F 8B 97 83 4F 16 1F DB

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2014-02-07T18:00:00.000Z   (07 Feb 2014 19:00:00 CET)

Valid to:

2026-02-07T18:00:00.000Z   (07 Feb 2026 19:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

0D:1F:06:42:6E:6F:70:B9:E4:E8:FA:32:46:5C:2D:31:E9:9E:A2:FC

SHA-256:

CA:02:89:6F:4A:93:A1:05:55:51:F4:AA:9E:2A:AD:ED:2A:24:68:40:E5:A2:E8:B8:C2:C2:49:E1:CB:53:BA:8B

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A02820101008A631B1F415BE5C390143CF45F6C2C146F57B6E200E455650986581DD7C46808F1FA7D464A6F
417F2363196691E5E0C78985238A81D7775497CC3B2EE4920B1C414BA5885E533E889796A6FB20834E2D0DD634CE68
78472A4C296EA6ACA0D3F4BD280A9E69649BE093A007A161F9389F1099B9CFAEF3E43C23B04F83E4DB5B22E9BBD3DB
0B15FDD22ADBE2BC0277DE81D12F944907AD984C5BD4CB37D510713909E0F9ACB9A6D4B535138BAFA57DE4F3D5676E
F9E8B1A14DE072F4E013BABF64335EACD5BE6A947A9346B44870BA911919ED1E930E2B33F545FBD806A13D2640F5B1
2F014F56AA73FB0EDB73E5F79B84F8C05ACF63EB91D597A32773AD75D2D70203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.7.0

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIFFDCCA/ygAwIBAgIMQDdqqITCRczc9CIKMA0GCSqGSIb3DQEBCwUAMIGCMQswCQYDVQQGEwJI
VTERMA8GA1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjVjIEx0ZC4xJzAlBgNVBAMMHk1p
Y3Jvc2VjIGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEFMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdu
by5odTAeFw0xNDAyMDcxODAwMDBaFw0yNjAyMDcxODAwMDBaMIGCMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHlF1YWxpZmll
ZCBlLLVN6aWdubyBUU0EgMjAxNCAwNjEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWduby5odTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAIpjGx9BW+XDkBQ89F9sLBRvV7biAORVZQmG
WB3XxGgI8fp9RkpvQX8jYxlmkeXgx4mFI4qBl3dUl8w7LuSSCxxBS6WIXlM+iJeWpvsgg04tDdY0
zmh4RypMKW6mrKDT9L0oCp5pZJvgk6AHoWH5OJ8QmbnPrvPkPCOwT4Pk2lsi6bvT2wsV/dIq2+K8
AnfegdEvlEkHrZhMW9TLN9UQcTkJ4PmsuabUtTUTi6+lfeTz1Wdu+eixoU3gcvTgE7q/ZDNerNW+
apR6k0a0SHC6kRkZ7R6TDisz9UX72AahPSZA9bEvAU9WqnP7Dttz5febhPjAWs9j65HVl6Mnc611
0tcCAwEAAaOCAYYwggGCMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgbAMBYGA1UdJQEB/wQM
MAoGCCsGAQUFBwMIMEUGA1UdIAQ+MDww0gYOKwYBBAGBqBgCAQEBBwAwKDAmBggrBgEFBQcCARYa
aHR0cDovL2NwLmUtc3ppZ25vLmh1L3FjcHMwHQYDVR00BBYEFIzosBpGmW4Ko8a4/I+Ll4NPfh/b
MB8GA1UdIwQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRoMBsGA1UdEQQUMBKBEGluZm9AZS1zemln
bm8uaHUwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2NybC5lLXN6aWduby5odS9yb290Y2EyMDA5
LmNybDBuBggrBgEFBQcBAQRiMGAwKwYIKwYBBQUHMAGGH2h0dHA6Ly9yb290b2NzcDIwMDkuZS1z
emlnbm8uaHUwMQYIKwYBBQUHMAKGJWh0dHA6Ly93d3cuZS1zemlnbm8uaHUvcm9vdGNhHjAwOS5j
cnQwDQYJKoZIhvcNAQELBQADggEBAGmwZhwIsotaY6iVm1BgR6pDwYcUl+c5doXjiWSo6vw/CLMg
fODSo9rcz5WWxhI2tVeYzgDw5WZeR8ixjXFIf/I94Qxn6HbYL9qGDTwyLPh+RmPWPcrwCtCO+cPX
N7CEgvvhjH+D4kTt1XruWHX7p27vPM+5unrYzStKUT/Cv7yLcyPWF3Zr9e84QcygCsV5u635byTD
gXjLxf4N98DOERt5mjobPvugURovAniIu9ifomBArqURmUaMYAy6RsUzAZdFaZuArSxsB5ePfWFe
xNTV0q32GIwB3HlpYFWUxddmQMKOfjOdnYrrb/hKM/TYJTA63yj0Xs69XQQHyzTGcwA=
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points:

https://tsa.e-szigno.hu/tsa2

https://btsa.e-szigno.hu/tsa2

2.2.70.1. Qualified e-Szigno TSA 2014 06

<div align="right">
Provider: 2
Service: 70
History: 1/1
</div>

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name: *English:* Qualified e-Szigno TSA 2014 06

Hungarian: Qualified e-Szigno TSA 2014 06

Service digital identity: *Subject key identifier:*

8C E8 B0 1A 46 99 6E 0A A3 C6 B8 FC 8F 8B 97 83 4F 16 1F DB

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2014-02-07T18:00:00.000Z   (07 Feb 2014 19:00:00 CET)

2.2.71. Qualified e-Szigno TSA 2014 07

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 2014 07

Hungarian: Qualified e-Szigno TSA 2014 07

Service digital identity: *Subject key identifier:*

1A FA 35 BF 34 02 3B FC 9C 91 E8 F0 50 34 E2 46 45 D4 E8 FD

Service digital identity: *Version:*

3

Serial number:

20 259 149 997 137 007 747 215 703 050 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2014 07,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

1A FA 35 BF 34 02 3B FC 9C 91 E8 F0 50 34 E2 46 45 D4 E8 FD

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2014-02-07T18:00:00.000Z   (07 Feb 2014 19:00:00 CET)

Valid to:

2026-02-07T18:00:00.000Z   (07 Feb 2026 19:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

9C:8C:C4:0A:D0:AF:59:40:A4:19:9E:17:99:33:7F:BE:5A:28:0B:2B

SHA-256:

B8:4B:18:1A:6A:67:EB:81:F6:91:A9:2C:84:19:31:40:BF:76:AE:62:A9:F1:43:6E:6F:AE:D1:25:9E:5C:4B:00

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100D38A16BD125CBE631DA0A386D78BEB7F43DE765D860E9B4CE3E558CE85BD42EA0A6DE7C887A6
2D19037CDF4D5B04E4744C6AF653BBE4A34121C76B7B2A8EC81DB8F52E1196607A2D58F9FDEE3B821A181A48EEF230
570111CF2A2E2738F6A1D624A5710CAA2BABF893C9B34B4AE8492338C750DE5E94B4ECA8A382CCA53CCD7C0579DB4E
7AC0A8EF43799C0BED7C7E5F1074C739719BE5CF562D7FD7C442694C5559AB2D3C6E177CAC73ECE5B5F7B608674880
6E9E019F338653AE78CDEA861AF3E3A81542351B7CFFB752B919D539E4D7FB5778D2C81EF1DFC909BFDECAA4DAF756
A9CF59598307AD3F70A8E5FF9029C871069CC4793506F7752658D390E1430203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.7.0

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIFFDCCA/ygAwIBAgIMQXX54frzxtN22LwKMA0GCSqGSIb3DQEBCwUAMIGCMQswCQYDVQQGEwJI
VTERMA8GA1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1p
Y3Jvc2VjIGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdu
by5odTAeFw0xNDAyMDcxODAwMDBaFw0yNjAyMDcxODAwMDBaMIGCMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1pY3Jvc2Vj
IGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWduby5odTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBANOKFr0SXL5jHaCjhteL639D3nZdhg6bTOPl
WM6FvULqCm3nyIemLRkDfN9NNwTkdExq9lO75KNBIcdreyqOyB249S4RlmB6LVj5/e47ghoYGkju
8jBXARHPKi4nOPahliSlcQyqK6v4k8mzSOroSSM4x1DeXpSO7Kijgsy1PM18BXnbTnrAqO9DeZwL
7Xx+XxB0xzlxm+XPVi1/18RCaUxVWastPG4XfKxz7OW197YIZ0iAbp4Bnz0GU654zeqGGvPjqBVC
NRt8/7dSuRnVOeTX+1d40sge8d/JCb/eyqTa91apzlZgwetP3Co5f+QKchxBpzEeTUG93UmWNOQ
4UMCAwEAAaOCAYYwggGCMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgbAMBYGA1UdJQEB/wQM
MAoGCCsGAQUFBwMIMEUGA1UdIAQ+MDwwOgYOKwYBBAGBqBgCAQEBBwAwKDAmBggrBgEFBQcCARYa
aHR0cDovL2NwLmUtc3ppZ25vLmh1L3FjcHMwHQYDVR00BBYEFBr6Nb80Ajv8nJHo8FA04kZF1Oj9
MB8GA1UdIwQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRoMBsGA1UdEQQUMBKBEGluZm9AZS1zemln
bm8uaHUwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2NybC5lLXN6aWduby5odS9yb290Y2EyMDA5
LmNybDBuBggrBgEFBQcBAQRiMGAwKwYIKwYBBQUHMAGGH2h0dHA6Ly9yb290Y2NzcDIwMDkuZS1z
emlnbm8uaHUwMQYIKwYBBQUHMAKGJWh0dHA6Ly93d3cuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5j
cnQwDQYJKoZIhvcNAQELBQADggEBAIIIjOR3G60/kbLG6NELrPKlvfgwPAlNm1R6M7GVZeCoyQc+
I8zUU9mzeR8Tog0KdgMvUojDJ6Fu8VKURtLDvD8KTdWMakkZ8CP6ECq2ff2NP+Z9pRR9hFTIVEoW
i2CX8e1/VKtz3A6vVej1zTBGHqLkL8+e1sJ0+7IY5ybiYyroQll+zA4Z8nXiyFZMU/JSipucB6v7
b3hzlflg+NRjf/ysiTnb+xKy9xV1dLKFdkjvhdSzw/2rjRCbZrMTJMwAjv4PieqOlRGFL86ocuT7
hbUqUtGmLXNgodMyGsCky1/EWDcfMQmpkkWqtCFo0rujhh49kVCiyJDWI0NZYordWBQ=
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: https://tsa.e-szigno.hu/tsa2

https://btsa.e-szigno.hu/tsa2

2.2.71.1. Qualified e-Szigno TSA 2014 07

<div style="text-align: right">

Provider: 2
Service: 71
History: 1/1

</div>

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 2014 07

Hungarian: Qualified e-Szigno TSA 2014 07

Service digital identity: *Subject key identifier:*

1A FA 35 BF 34 02 3B FC 9C 91 E8 F0 50 34 E2 46 45 D4 E8 FD

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2014-02-07T18:00:00.000Z (07 Feb 2014 19:00:00 CET)

2.2.72. Qualified e-Szigno TSA 2014 08

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 2014 08

Hungarian: Qualified e-Szigno TSA 2014 08

Service digital identity: *Subject key identifier:*

44 9F 3F 02 27 41 20 61 77 12 18 01 93 76 81 89 83 AC C5 1D

Service digital identity: *Version:*

3

Serial number:

20 508 363 446 841 352 142 469 861 642 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2014 08,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

44 9F 3F 02 27 41 20 61 77 12 18 01 93 76 81 89 83 AC C5 1D

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2014-02-07T18:00:00.000Z   (07 Feb 2014 19:00:00 CET)

Valid to:

2026-02-07T18:00:00.000Z   (07 Feb 2026 19:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

80:48:FF:51:BD:41:CF:1E:36:77:25:B4:82:42:F1:47:BF:C3:02:DC

SHA-256:

F6:0D:07:96:88:90:F3:4A:B6:00:27:7D:64:C0:60:2D:54:1A:46:92:A5:C3:A3:36:32:E3:2D:D1:09:B4:0E:66

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100BC5C29E062E8CAEDAF34EEB4FDC8D2A4DCB27BDE399C9D2AB0817F2C10390647ED816A0DFD9E
2680B490E1F4EAF6040E758366E69B31188AAB1B04CC72F88B709CC97A1C5F70EDFEC1EDB8FBC4912E85A915C3C0A0
AAB73660A01FC1BB87C1CA3A64B412F9BEFB3A482764AA0D8909FB7DF1BD8D4A57920A50EEE4A2CD98C8FCF47F3218
E0FD3D3390959A8BF9C63E297945AE48E0CA7711D54428805D6014B18FEF1A1D476CE417A42460E3B7F73A89A7F7C8
D022FF6A73840A859214B33FE937065A851FD6FBDBB2985277B3052AB09E188A18249C081192E01736F33F329317E5
1B102BEA9BA7C14D576CF7C4D6DF8BF0D6281DDFECCE63ADF0D1B2B310290203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.7.0

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIFFDCCA/ygAwIBAgIMQkQe4ijNdi7IBhEKMA0GCSqGSIb3DQEBCwUAMIGCMQswCQYDVQQGEwJI
VTERMA8GA1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1p
Y3Jvc2VjIGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdu
by5odTAeFw0xNDAyMDcx0DAwMDBaFw0yNjAyMDcxODAwMDBaMIGCMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1pY3Jvc2Vj
IGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdub5odTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBALxcKeBi6MrtrzTutP3I0qTcsnve0ZydKrCB
fywQOQZH7YFqDf2eJoC0k0H06vvYEDnWDZuabMRiKqxsEzHL4i3CcyXocX3Dt/sHtuPvEkS6FqRXD
wKCqtzZgoB/Bu4fByjpktBL5vvs6SCdkqg2JCft98b2NSleSClDu5KLNmMj89H8yGOD9PT0QlZqL
+cY+KXlFrkjgyncR1UQogF1gFLGP7xodR2zkF6QkYOO39zqJp/fI0CL/anOECoWSFLM/6TcGWoUf
1vvbsphSd7MFKrCeGIoYJJwIEZLgFzbzPzKTF+UbECvqm6fBTVds98TW34vw1igd3+z0Y63w0bKz
ECkCAwEAAaOCAYYwggGCMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgbAMBYGA1UdJQEB/wQM
MAoGCCsGAQUFBwMIMEUGA1UdIAQ+MDww0gY0KwYBBAGBqBgCAQEBBwAwKDAmBggrBgEFBQcCARYa
aHR0cDovL2NwLmUtc3ppZ25vLmh1L3FjcHMwHQYDVR00BBYEFESfPwInQSBhdxIYAZN2gYmDrMUd
MB8GA1UdIwQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRoMBsGA1UdEQQUMBKBEGluZm9AZS1zemln
bm8uaHUwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2NybC5lLXN6aWdub5odS9yb290Y2EyMDA5
LmNybDBuBggrBgEFBQcBAQRiMGAwKwYIKwYBBQUHMAGGH2h0dHA6Ly9yb290Y2NzcDIwMDkuZS1z
emlnbm8uaHUwMQYIKwYBBQUHMAKGJWh0dHA6Ly93d3cuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5j
cnQwDQYJKoZIhvcNAQELBQADggEBAJGaP670UB8uLct5GjXwGEuzxp4qkH6S/PYb83y+sep+KpVr
sv+uYhwEU1lhqVisHzMQ3cNNliLchirwuVNSSHY9e056bUdJtNIy4XWMe4XYwirM0zv5JFaf3fxG
OEtneMA+5z8au6hLO8LfaYYHPyn6KHd/PVk7/IVW38bOM6FY4FJF65YVoZLjHo2LcWskFCj56/8x
Ddpt1gAPUL+vRKbjO7cqOPbQKrgkfCu6r5i4SWLcwhlq22rErqvWtbwg+QFCBZ9fT8Y2cNwUOz6f
Idvy+SZ7LCMs5Igwy1yU6JeTNySX+TaUpprHZJmuTddnKZeWllJtGWda0Mhgznd/qrE=
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: https://tsa.e-szigno.hu/tsa2

https://btsa.e-szigno.hu/tsa2

2.2.72.1. Qualified e-Szigno TSA 2014 08

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name: *English:* Qualified e-Szigno TSA 2014 08

Hungarian: Qualified e-Szigno TSA 2014 08

Service digital identity: *Subject key identifier:*

44 9F 3F 02 27 41 20 61 77 12 18 01 93 76 81 89 83 AC C5 1D

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2014-02-07T18:00:00.000Z   (07 Feb 2014 19:00:00 CET)

2.2.73. Qualified e-Szigno TSA 2014 09

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 2014 09

Hungarian: Qualified e-Szigno TSA 2014 09

Service digital identity: *Subject key identifier:*

DB 00 B8 8B BA BA B5 0E 34 10 E9 4D 78 51 66 A8 4B 8A 6D 46

Service digital identity: *Version:*

3

Serial number:

20 949 347 048 221 348 110 329 445 130 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2014 09,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

DB 00 B8 8B BA BA B5 0E 34 10 E9 4D 78 51 66 A8 4B 8A 6D 46

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2014-02-07T18:00:00.000Z   (07 Feb 2014 19:00:00 CET)

Valid to:

2026-02-07T18:00:00.000Z   (07 Feb 2026 19:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

24:0D:5E:44:0F:4C:29:A9:41:BD:2B:EF:EE:60:5D:2F:AC:C7:0D:DE

SHA-256:

8E:B0:52:30:E1:31:BA:53:8D:91:F6:AA:AB:66:B2:D8:35:3A:59:CF:18:40:CA:77:86:05:9C:DF:9E:BC:47:65

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A02820101008DC0A8C0799EA37B86A525F8DD5BD82B585C53A9CDEBF57ADCD292D3671D2164D93BB24110CA
2B7A5AE1E45DD34FD9E28F17D92861FB763A8969CD5BAEB2F06C37449DB4B12D164C1FC43721161D4052DEB9FA8BA6
9CC67E18C4CBC5410BB9533221CEFB9C0D3F8C12B0D2528DB50B67B11E6826F94549EEFFB8EBE55DDDFF3C6FF7744E
6C5F7F36AFB96D47590256BD34621F8610D22A5D205734A02D03DE02255CB7A1B82DA9BB5541F6DF45B7F89F8DDF39
FED83706D0CFB9F160490335A392A44900DEDF8ABF92A71489E13942E0F9841D5F44142B3AC7CBAF1665012D4562BA
33329E0B84B24861C243D6DE22E9EF447C6709436C49CFAC2F80117692290203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.7.0

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

```
-----BEGIN CERTIFICATE-----
MIIFFDCCA/ygAwIBAgIMQ7Dkyxd64Xsag/sKMA0GCSqGSIb3DQEBCwUAMIGCMQswCQYDVQQGEwJI
VTERMA8GA1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1p
Y3Jvc2VjIGUtU3ppZ25vIEFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdu
by5odTAeFw0xNDAyMDcxODAwMDBaFw0yNjAyMDcxODAwMDBaMIGCMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1F1YWxpZmll
ZCBlLLVN6aWdubyBUU0EgMjAxNCAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWduby5odTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAI3AqMB5nqN7hqUl+N1b2CtYXFOpzev1etzS
ktNnHSFk2TuyQRDKK3pa4eRd00/Z4o8X2Shh+3Y6iWnNW66y8Gw3RJ20sS0WTB/ENyEWHUBS3rn6
i6acxn4YxMvFQQu5UzIhzvucDT+MErDSUo21C2exHmgm+UVJ7v+46+Vd3f88b/d0Tmxffzavu W1H
WQJWvTRiH4YQ0ipdIFc0oC0D3gIlXLehuC2pu1VB9t9Ft/ifjd85/tg3BtDPufFgSQM1o5KkSQDe
34q/kqcUieE5QuD5hB1fRBQrOsfLrxZlAS1FYrozMp4LhLJIYcJD1t4i6e9EfGcJQ2xJz6wvgBF2
kikCAwEAAaOCAYYwggGCMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgbAMBYGA1UdJQEB/wQM
MAoGCCsGAQUFBwMIMEUGA1UdIAQ+MDwwOgYOKwYBBAGBqBgCAQEBBwAwKDAmBggrBgEFBQcCARYa
aHR0cDovL2NwLmUtc3ppZ25vLmh1L3FjcHMwHQYDVR00BBYEFNsAuIu6urUONBDpTXhRZqhLim1G
MB8GA1UdIwQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRoMBsGA1UdEQQUMBKBEGluZm9AZS1zemln
bm8uaHUwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2NybC5lLXN6aWduby5odS9yb290Y2EyMDA5
LmNybDBuBggrBgEFBQcBAQRiMGAwKwYIKwYBBQUHMAGGH2h0dHA6Ly9yb290Y2NzcDIwMDkuZS1z
emlnbm8uaHUwMQYIKwYBBQUHMAKGJWh0dHA6Ly93d3cuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5j
cnQwDQYJKoZIhvcNAQELBQADggEBACKYXHkFvaDzfqzsqGtLkkDaNdfJr4alcLyEeTIV/0yLWL16
nNX08HVyOs4FfB+gqQ43nlhRWVaML6Mf8dcbLSXAWgyptVEZFuNrijvRtD6IVTjT7Tk9fcwUtj4g
qvTu7PCc6iIoGsYNs2uT9SSOSteQaKcdIje91niu1x3UZRg11wlCnGSq1gmakKJmQuQLlIELmzOH
8JDqdMnE03n2h2PffsUHl5cDA2k3BFyCCW/0PLmyZZS2PMMSE3uTuYd9GP7E7fRpOAYkifc+F59Y
MH57klabyuTnu23uMB41ktzLMa46ERjMX+C7bhgSwc5Axqgjp/oOl4Rp2W+uaN+Dqgk=
-----END CERTIFICATE-----
```

Service status:	http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time:	2016-06-30T22:00:00.000Z (01 Jul 2016 00:00:00 CEST)
Service supply points:	https://tsa.e-szigno.hu/tsa2
	https://btsa.e-szigno.hu/tsa2

2.2.73.1. Qualified e-Szigno TSA 2014 09

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 2014 09

Hungarian: Qualified e-Szigno TSA 2014 09

Service digital identity: *Subject key identifier:*

DB 00 B8 8B BA BA B5 0E 34 10 E9 4D 78 51 66 A8 4B 8A 6D 46

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2014-02-07T18:00:00.000Z (07 Feb 2014 19:00:00 CET)

2.2.74. Qualified e-Szigno TSA 2014 10

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 2014 10

Hungarian: Qualified e-Szigno TSA 2014 10

Service digital identity: *Subject key identifier:*

3D 99 AC EB 73 31 22 E9 A1 CC 5D 12 87 5D FD 0B 53 17 08 1E

Service digital identity: *Version:*

3

Serial number:

21 145 845 462 324 520 326 153 555 722 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2014 10,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

3D 99 AC EB 73 31 22 E9 A1 CC 5D 12 87 5D FD 0B 53 17 08 1E

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2014-02-07T18:00:00.000Z   (07 Feb 2014 19:00:00 CET)

Valid to:

2026-02-07T18:00:00.000Z   (07 Feb 2026 19:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

46:68:A9:C5:5E:85:D7:46:B4:C3:65:05:0C:0A:95:85:9E:81:52:81

SHA-256:

1E:7C:DC:15:77:F6:59:0E:7A:10:FE:6E:64:B3:63:7C:25:A1:CD:AE:2F:52:31:7A:49:FD:B2:47:3C:C6:82:59

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100BA4B50549403B737687EFAD413E475523131EF30F2E7C05202FE92434B5BA363902DBF6A44BB
FDF03D18D8385B8C50BF5773AB1EEC9E537F206653F6D7DC6D9466961192C8C2AFB2A9B25ECDAB847925D02B18AEC0
33826759FBA16E7905457E8FF79FD83D919D25BAF9124C8FDD6E1AB74D7B46B8C5A57EA77AE1D300AA8946BFC9E055
79AE5929AC37F2AAEB82BC648E6A591D2478E6EE56A23E45B90CB57483A3656A43E58AEC6FBB17142528A0BD6F83C9
F3B1584CE866B30A065CE84D6A467EBB230DD06F492257A662034856CDB6C740C53FF1809607C43BF7C635014F0B7C
A1B47620B62A3A0F7DD2E6B978E0F245D1E2AECAD251E73404B8508908430203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.7.0

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

```
-----BEGIN CERTIFICATE-----
MIIFFDCCA/ygAwIBAgIMRFNu83b503OQXs8KMA0GCSqGSIb3DQEBCwUAMIGCMQswCQYDVQQGEwJI
VTERMA8GA1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjZ4xJzAlBgNVBAMMHk1p
Y3Jvc2VjIGUtU3ppZ25vIEFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdu
by5odTAeFw0xNDAyMDcxODAwMDBaFw0yNjAyMDcxODAwMDBaMIGCMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjZ4xJzAlBgNVBAMMHk1F1YWxpZmll
ZCBlLVN6aWdubyBUU0EgMjAxNCAxMDEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdub6y5odTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBALpLUFSUA7c3aH761BPkdVIxMe8w8ufAUgL+
kkNLW6NjkC2/akS7/fA9GNg4W4xQvldzqx7snlN/IGZT9tfcbZRmlhGSyMKvsqmyXs2rhHkl0CsY
rsAzgmdZ+6FueQVFfo/3n9g9kZ0luvkSTI/dbhq3TXtGuMWlfqd64dMAqolGv8ngVXmuWSmsN/Kq
64K8ZI5qWR0keObuVqI+RbkMtXSDo2VqQ+WK7G+7FxQlKKC9b4PJ87FYTOhmswoGXOhNakZ+uyMN
0G9JIlemYgNIVs22x0DFP/GAlgfEO/fGNQFPC3yhtHYgtio6D33S5rl44PJF0eKuytJR5zQEuFCJ
CEMCAwEAAaOCAYYwggGCMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgbAMBYGA1UdJQEB/wQM
MAoGCCsGAQUFBwMIMEUGA1UdIAQ+MDwwOgYOKwYBBAGBqBgCAQEBBwAwKDAmBggrBgEFBQcCARYa
aHR0cDovL2NwLmUtc3ppZ25vLmh1L3FjcHMwHQYDVR00BBYEFD2ZrOtzMSLpocxdEodd/QtTFwge
MB8GA1UdIwQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRoMBsGA1UdEQQUMBKBEGluZm9AZS1zemln
bm8uaHUwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2NybC5lLXN6aWduby5odS9yb290Y2EyMDA5
LmNybDBuBggrBgEFBQcBAQRiMGAwKwYIKwYBBQUHMAGGH2h0dHA6Ly9yb290b2NzcDIwMDkuZS1z
emlnbm8uaHUwMQYIKwYBBQUHMAKGJWh0dHA6Ly93d3cuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5j
cnQwDQYJKoZIhvcNAQELBQADggEBAGVOD70Mp7AITa6F8GqwYo2xOwb3C/sG/THcr2y5NGtqeIh0
u9vTtk9GbiUuKOWB1NyxW2ZoU/DUC+51T3vdcw7GSNi71qQb1a9bFupB8qfRBkT/0Ane4s72Yi+w
oYiwRRzkZYv/zaERwlpOb/CMRytxs0rFy6+K35bqmXS7vuqFuIbT76doooZbENDl+BAxqDHD4q4
3rzZMgBoy2cD2P6yl2J7wAbg3S39gxCvyPS7nrB/AhZsC0StPOEa7D8w19Gc3wwlDs8upWtYgvIY
Oz2MhnzJ3bGGFjgQuHBkls8yXKfvuQr9CNYOyFFSjXQGfaTOnVnukdYbbxsGgF00Nc4=
-----END CERTIFICATE-----
```

Service status:	http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time:	2016-06-30T22:00:00.000Z (01 Jul 2016 00:00:00 CEST)
Service supply points:	https://tsa.e-szigno.hu/tsa2
	https://btsa.e-szigno.hu/tsa2

2.2.74.1. Qualified e-Szigno TSA 2014 10

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name: *English:* Qualified e-Szigno TSA 2014 10

Hungarian: Qualified e-Szigno TSA 2014 10

Service digital identity: *Subject key identifier:*

3D 99 AC EB 73 31 22 E9 A1 CC 5D 12 87 5D FD 0B 53 17 08 1E

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2014-02-07T18:00:00.000Z   (07 Feb 2014 19:00:00 CET)

2.2.75. Qualified e-Szigno TSA 2014 11

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 2014 11

Hungarian: Qualified e-Szigno TSA 2014 11

Service digital identity: *Subject key identifier:*

F7 28 74 C8 E7 FE 52 9A 60 DF 51 16 95 B0 C6 61 47 AA 13 6D

Service digital identity: *Version:*

3

Serial number:

21 629 174 430 902 212 418 846 535 946 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2014 11,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

F7 28 74 C8 E7 FE 52 9A 60 DF 51 16 95 B0 C6 61 47 AA 13 6D

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2014-02-07T18:00:00.000Z   (07 Feb 2014 19:00:00 CET)

Valid to:

2026-02-07T18:00:00.000Z   (07 Feb 2026 19:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

DF:D0:6C:33:43:E9:0E:95:31:AE:CA:22:67:AA:92:82:F3:FB:0B:F5

SHA-256:

C1:7C:53:55:E7:1A:1C:22:AC:90:2E:11:1E:56:D5:62:10:1E:96:20:26:C9:91:1D:91:7A:A4:15:36:82:44:A9

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100B545BE73594951F34B40570A0BE7A1F51BDBD4D60C3D23B7C26F06910C11C4ACB53070CECC36
5C7A017946259019531E9F86F9D498D7F1B5A33666C9E7369DCA489F35B49756D41E13AAB86DA6F354383AF5A4C1D2
FE43483F161363C1FB421BB5C844E880021727444BBFFFDC4D7270618700530C4F1188DCAA544EDAD3F8EBAD2FFE88
5B5D842CAAC3E13E1FCC5B7B75862567175061C9BCD21BA2472E498B6AB4F88A35A8583C80A03518A40EC14B7D6082
310C4D41D9B5CD5B67926218ED8C57EE5078EEEC736C53D1C03C403581A8199DA4B77431F0033694CF5968A52298C3
02C34A004B0A8F14BF7D970E8BED693B860029D0D07E5A66C7B3B344A8590203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.7.0

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIFFDCCA/ygAwIBAgIMReM71lpEVIZJAzEKMA0GCSqGSIb3DQEBCwUAMIGCMQswCQYDVQQGEwJI
VTERMA8GA1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1p
Y3Jvc2VjIGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdu
by5odTAeFw0xNDAyMDcxODAwMDBaFw0yNjAyMDcxODAwMDBaMIGCMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHklF1YWxpZmll
ZCBlLLVN6aWdubyBUU0EgMjAxNCAxMTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWduby5odTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBALVFvnNZSVHzS0BXCgvnofUb29TWDD0jt8Jv
BpEMEcSstTBwzsw2XHoBeUYlkBlTHp+G+dSY1/GIozZmyec2ncpInzW0llbUHh0quG2m81Q4OvWk
wdL+Q0g/FhNjwftCG7XIROiAAhcnREu//9xNcnBhhwBTDE8RiNyqVE7a0/jrrS/+iFtdhCyqw+E+
H8xbe3WGJWcXUGHJvNIbokcuSYtqtPiKNahYPICgNRikDsFLfWCCMQxNQdm1zVtnkmIY7YxX7lB4
7uxzbFPRwDxANYGoGZ2kt3Qx8AM2lM9ZaKUimMMCw0oASwqPFL99lw6L7Wk7hgAp0NB+WmbHs7NE
qFkCAwEAAaOCAYYwggGCMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgbAMBYGA1UdJQEB/wQM
MAoGCCsGAQUFBwMIMEUGA1UdIAQ+MDwwOgYOKwYBBAGBqBgCAQEBBwAwKDAmBggrBgEFBQcCARYa
aHR0cDovL2NwLmUtc3ppZ25vLmh1L3FjcHMwHQYDVR00BBYEFPcodMjn/lKaYN9RFpWwxmFHqhNt
MB8GA1UdIwQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRoMBsGA1UdEQQUMBKBEGluZm9AZS1zeml
nbm8uaHUwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2NybC51LXN6aWduby5odS9yb290Y2EyMDA5
LmNybDBuBggrBgEFBQcBAQRiMGAwKwYIKwYBBQUHMAGGH2h0dHA6Ly9yb290Y2NzcDIwMDkuZS1z
emlnbm8uaHUwMQYIKwYBBQUHMAKGJWh0dHA6Ly93d3cuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5j
cnQwDQYJKoZIhvcNAQELBQADggEBAB4kT6No8DADPu2jrv6Vja9NSRJd6MigU5kUp1zKbyf50du/
fxz+he+98hiNhjaJltdkRJrvv2J2OJijVZtyESuz5GiimLKpaFSb8DxVTIh0exOxF1qRcpip/b2X
6poAj3CeIt17kx9Y79lWSDWbI8IeuNtnMQ/ij5Q+ZXYpFo6qKYKxaHbuHFOIWK6pJGEWA59BrqLN
L/dorIMyTD26ouwXY+/risxksMxfP460a3CsVNjX0sVucflu3QSEGUgVOQ2J+p/ZZJwHFvjkQI5K
K1RoebAEnBbp9mW2Yuy05nzkDWRHIoapS26CRnTzpo1P3ecchlRrXuA+YOYwli7/04I=
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: https://tsa.e-szigno.hu/tsa2

https://btsa.e-szigno.hu/tsa2

2.2.75.1. Qualified e-Szigno TSA 2014 11

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 2014 11

Hungarian: Qualified e-Szigno TSA 2014 11

Service digital identity: *Subject key identifier:*

F7 28 74 C8 E7 FE 52 9A 60 DF 51 16 95 B0 C6 61 47 AA 13 6D

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2014-02-07T18:00:00.000Z   (07 Feb 2014 19:00:00 CET)

2.2.76. Qualified e-Szigno TSA 2014 12

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 2014 12

Hungarian: Qualified e-Szigno TSA 2014 12

Service digital identity: *Subject key identifier:*

92 9B A7 1A A5 5A A2 65 2F 98 47 F9 56 8C 9B 72 B5 2F 4C CD

Service digital identity: *Version:*

3

Serial number:

21 941 319 780 313 470 583 373 140 746 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2014 12,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

92 9B A7 1A A5 5A A2 65 2F 98 47 F9 56 8C 9B 72 B5 2F 4C CD

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2014-02-07T18:00:00.000Z   (07 Feb 2014 19:00:00 CET)

Valid to:

2026-02-07T18:00:00.000Z   (07 Feb 2026 19:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

0D:E5:87:3C:1E:82:72:2A:5F:08:FF:79:7A:CA:2F:82:F1:23:C4:EF

SHA-256:

C5:61:FA:15:C3:A4:65:36:91:7C:41:83:8F:5D:E9:81:DA:AC:15:9A:20:CE:14:12:D8:52:A3:04:30:ED:45:C5

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100B60FBE40F6E747EB3939A81CD11B0B541845C090C7E7F353113D11F4BB7634A3B9F35DF1F663
0F9B13D824947F786BBCBC7355B0B9A96EF68BBDD54660F5C052505AE2371B77CDB34BF019C29E8BB44FEF9C86CDB8
150CDF7CC6BB9A5A6815951F0746D68AE4AF2C288A66844891A95F25635EABB8B6B04D69254D7B01083084B3C1DDF8
4BF258E859F6DCC0699CD9BC3179CF0A1546A0BC30AE800E3CF542FC6A85E6C87BBAA19BB0C416EF150F98605A6282
F88000B42BFFB88011757C44FD10B58446135326C9040B13947A4F510F9FAD474D11781B40D8BC448C0CB50274BB08
A70FAEA9B422AD18A6F19A91FFCA27C14586CE5F6D46ACD6ED6F5B0C1CE10203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.7.0

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIFFDCCA/ygAwIBAgIMRuVvMKaXqz/0jZMKMA0GCSqGSIb3DQEBCwUAMIGCMQswCQYDVQQGEwJI
VTERMA8GA1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1p
Y3Jvc2VjIGUtU3ppZ25vIEFjvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdu
by5odTAeFw0xNDAyMDcxODAwMDBaFw0yNjAyMDcxODAwMDBaMIGCMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHhlF1YWxpZmll
ZCBlLVN6aWdubyBUU0EgMjAxNCAxMjEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdubby5odTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBALYPvkD250fr0TmoHNEbC1QYRcCQx+fzUxE9
EfS7djSjufNd8fZjD5sT2CSUf3hrvLxzVbC5qW72i73VRmD1wFJQWuI3G3fNs0vwGcKei7RP75yG
zbgVDN98xruaWmgVlR8HRtaK5K8sKIpmhEiRqV8lY16ruLawTWklTXsBCDCEs8Hd+EvyWOhZ9tzA
aZzZvDF5zwoVRqC8MK6ADjz1QvxqhebIe7qhm7DEFu8VD5hgWmKC+IAAtCv/uIARdXxE/RC1hEYT
UybJBAsTlHpPUQ+frUdNEXgbQNi8RIwMtQJ0uwinD66ptCKtGKbxmpH/yifBRYbOX21GrNbtblsM
HOECAwEAAaOCAYYwggGCMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgbAMBYGA1UdJQEB/wQM
MAoGCCsGAQUFBwMIMEUGA1UdIAQ+MDwwOgY0KwYBBAGBqBgCAQEBBwAwKDAmBggrBgEFBQcCARYa
aHR0cDovL2NwLmUtc3ppZ25vLmh1L3FjcHMwHQYDVR00BBYEFJKbpxqlWqJlL5hH+VaMm3K1L0zN
MB8GA1UdIwQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRoMBsGA1UdEQQUMBKBEGluZm9AZS1zemln
bm8uaHUwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2NybC5lLXN6aWdubby5odS9yb290Y2EyMDA5
LmNybDBuBggrBgEFBQcBAQRiMGAwKwYIKwYBBQUHMAGGh2h0dHA6Ly9yb290Y2NzcDIwMDkuZS1z
emlnbm8uaHUwMQYIKwYBBQUHMAKGJWh0dHA6Ly93d3cuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5j
cnQwDQYJKoZIhvcNAQELBQADggEBAGiV7tSD/L6dE1q/TkE454wRba7aTItSXW+kkx8D+RH6RDSv
8isd/cptXslz9Go2Wy0+7TRWNafv2C4Tb5ERCbpXa+7TnrFkYy/QmiZYjh3t+JxXx5W+UmphF+DT
YDFAfk8NO4SkGW9zTKrZyC7s63sMx6XRy1QDx3AwnJbEichrtQv8Eh/sLx+p0aE8ILhsR9Bj2kDT
k9TE4slnux+84zQBOWxoCwFl+DuUw6me+5AUcmUmEfRxIZ0IHwEnBPU4snE9uORlEqBFXqwWG9xQ
vvtfH5aBBqjdUxRmDpyLwGK/SjfpZEvD1M8q7onu55PE25MVqrmhc6WUgdbZ+gOlWao=
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points:

https://tsa.e-szigno.hu/tsa2

https://btsa.e-szigno.hu/tsa2

2.2.76.1. Qualified e-Szigno TSA 2014 12

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name: *English:* Qualified e-Szigno TSA 2014 12

  Hungarian: Qualified e-Szigno TSA 2014 12

Service digital identity: *Subject key identifier:*

92 9B A7 1A A5 5A A2 65 2F 98 47 F9 56 8C 9B 72 B5 2F 4C CD

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2014-02-07T18:00:00.000Z   (07 Feb 2014 19:00:00 CET)

2.2.77. Qualified e-Szigno TSA 2015 01

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 2015 01

Hungarian: Qualified e-Szigno TSA 2015 01

Service digital identity:

Subject key identifier:

AB 93 27 AE 94 82 F1 57 01 67 C9 02 92 B9 3D A4 C5 04 A8 75

Service digital identity:

Version:

3

Serial number:

28 988 436 988 859 859 858 430 458 634 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2015 01,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

AB 93 27 AE 94 82 F1 57 01 67 C9 02 92 B9 3D A4 C5 04 A8 75

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2015-02-07T18:00:00.000Z   (07 Feb 2015 19:00:00 CET)

Valid to:

2027-02-07T18:00:00.000Z   (07 Feb 2027 19:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

01:59:E0:01:42:61:C6:16:2B:07:3D:56:01:DF:6F:4A:D9:45:A1:2D

SHA-256:

AA:01:D5:1B:ED:F3:BF:7A:91:34:6B:1F:94:A3:69:69:93:FD:F9:66:D5:E6:1A:13:F8:E7:B3:3F:9B:23:E6:A3

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A028201010098339D692F1B726ECCCBCC5C3B30CB34F5FB94DF96DB6D10B3D1A5F953022342C560FF7384CF
950944FBCA6684AB0F12CF3053031737ED8CA412E8A183611DAFA1920F5EF3083EB90A89CC3B4FBB6ECA3991CE9625
C7A85A05308AA7450B48A2813F68FF5BD5255F2C3EE675159DF36E9E54DA1C5F36E137CCF0D2218BE54A3D3A36534B
972BF9D09D40A31C10421EDF8B560A84409C8FE6772CA631309F05BAB9E705789FD4386B78F15D1C66A7E60F847574
4A6636A60225119E5E14CB1416F1EB6F514483A0E4459EF896DC3F0E1802934EE1485B7670256783D840010D44C34D
A7A63F5446AFAE3A825A32996D96AB1144572B709A8BA8B94B4D30BF2E830203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.7.0

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIFFDCCA/ygAwIBAgIMXaqsTgOY1Bg0zXsKMA0GCSqGSIb3DQEBCwUAMIGCMQswCQYDVQQGEwJI
VTERMA8GA1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1p
Y3Jvc2VjIGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdu
by5odTAeFw0xNTAyMDcxODAwMDBaFw0yNzAyMDcxODAwMDBaMIGCMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHHlF1YWxpZmll
ZCBlLVN6aWdubyBUU0EgMjAxNSAwMTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdnby5odTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAJgznWkvG3JuzMvMXDswyzT1+5TfltttELPR
pflTAiNCxWD/c4TPlQlE+8pmhKsPEs8wUwMXN+2MpBLooYNhHa+hkg9e8wg+uQqJzDtPu27K0ZHO
liXHqFoFMIqnRQtIooE/aP9b1SVfLD7mdRWd826eVNocXzbhN8zw0iGL5Uo9OjZTS5cr+dCdQKMc
EEIe34tWCoRAnI/mdyymMTCfBbq55wV4n9Q4a3jxXRxmp+YPhHV0SmY2pgIlEZ5eFMsUFvHrb1FE
g6DkRZ74ltw/DhgCk07hSFt2cCVng9hAAQ1Ew02npj9URq+uOoJaMpltlqsRRFcrcJqLqLlLTTC/
LoMCAwEAAaOCAYYwggGCMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgbAMBYGA1UdJQEB/wQM
MAoGCCsGAQUFBwMIMEUGA1UdIAQ+MDww0gYOKwYBBAGBgBgCAQEBBwAwKDAmBggrBgEFBQcCARYa
aHR0cDovL2NwLmUtc3ppZ25vLmh1L3FjcHMwHQYDVR00BBYEFKuTJ66UgvFXAWfJApK5PaTFBKh1
MB8GA1UdIwQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRoMBsGA1UdEQQUMBKBEGluZm9AZS1zemln
bm8uaHUwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2NybC5lLXN6aWdnby5odS9yb290Y2EyMDA5
LmNybDBuBggrBgEFBQcBAQRiMGAwKwYIKwYBBQUHMAGGH2h0dHA6Ly9yb290b2NzcDIwMDkuZS1z
emlnbm8uaHUwMQYIKwYBBQUHMAKGJWh0dHA6Ly93d3cuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5j
cnQwDQYJKoZIhvcNAQELBQADggEBAIKsU4aWwaGUYL06or1lf6+ty8Y6pEpyt0xZDvy7jlilysg6
D03vynxqwNa3rTpzPe2I/GMYeoxyb68myZRHyDfDek/EImq1aUzKKAAdPKI9GiVm4xmzMnzNyiWA
dW6CL9gZO6E/Y+0g/K7ylW1GqIKdBv43XQszK3TQUlN449108Qju1EjrzSpI1jL12QhXXOPJxfcU
ZIyN1/hfukFPWtllc3GRh5v0z4ACsaiteTsf2REx9uszs7KVbIjW4/E4jloMbtYutTr2OuqzgGID
CqlMSzG3YD1NgiLFdzt/ZgDycVjDkweywx/7MzyKJyJSXeC0jaM/NXWLG+BkeBYGelY=
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: https://tsa.e-szigno.hu/tsa2

https://btsa.e-szigno.hu/tsa2

2.2.77.1. Qualified e-Szigno TSA 2015 01

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 2015 01

Hungarian: Qualified e-Szigno TSA 2015 01

Service digital identity: *Subject key identifier:*

AB 93 27 AE 94 82 F1 57 01 67 C9 02 92 B9 3D A4 C5 04 A8 75

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2015-02-07T18:00:00.000Z (07 Feb 2015 19:00:00 CET)

2.2.78. Qualified e-Szigno TSA 2015 02

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 2015 02

Hungarian: Qualified e-Szigno TSA 2015 02

Service digital identity: *Subject key identifier:*

13 F3 94 FD 81 9F 7B DD 92 10 3A 21 3F 5E 70 20 74 55 51 F1

Service digital identity: *Version:*

3

Serial number:

29 137 460 614 149 003 590 185 275 402 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2015 02,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

13 F3 94 FD 81 9F 7B DD 92 10 3A 21 3F 5E 70 20 74 55 51 F1

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2015-02-07T18:00:00.000Z   (07 Feb 2015 19:00:00 CET)

Valid to:

2027-02-07T18:00:00.000Z   (07 Feb 2027 19:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

6C:A1:12:13:52:F5:93:7F:A6:C2:EE:C2:BF:33:2B:9C:93:F8:F0:BC

SHA-256:

23:BE:88:8B:9A:C6:E8:7C:2B:27:BF:26:80:1C:87:72:C9:55:76:CC:7C:9B:FB:F2:97:3E:D4:F8:4D:01:B3:F3

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100A591C05054603152EF41A98E7DCCEC01041D612402B87E3D82DEC9AF8A1E3E86C732ACD3C66C
790EF211CA07F697CA32FB3404456CBC3009F5C3C7B2A48DFEAFCDB97EC33A9E4A7C3F3FD2CFF4E020983CF7E5AA52
4EF8E040910156EB16D8EEFEF871F9F85ACA3D7DBE0B063D259058EF8C92E838A74DF6EC422EEB133DDAC5CBA2EC69
A914DA5633A498331583FCF8DC07CDC1B89EC2F7E9F03CDB3BD9F9F79A3321F372E06F489328F9B98775A4ADE4860E
8BA3707EC7A738E09ED26F8407DA631F4AE65F4A1AE05067A88FCB53864F87CAC87332A6C307C48EDA0A67A10B6935
D44A422264EEC4618646341E87F4238B7C94B97236EE5AB949B64FE541F30203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.7.0

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIFFDCCA/ygAwIBAgIMXiXxSO22AnrBmFAKMA0GCSqGSIb3DQEBCwUAMIGCMQswCQYDVQQGEwJI
VTERMA8GA1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3JJvc2VjIEx0ZC4xJzAlBgNVBAMMHk1p
Y3Jvc2VjIGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdu
by5odTAeFw0xNTAyMDcxODAwMDBaFw0yNzAyMDcxODAwMDBaMIGCMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHhlF1YWxpZml
ZCBlLLVN6aWdubyBUU0EgMjAxNSAwMjEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWduby5odTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAKWRwFBUYDFS70Gpjn3M7AEEHWEkArh+PYLe
ya+KHj6GxzKs08ZseQ7yEcoH9pfKMvs0BEVsvDAJ9cPHsqSN/q/NuX7DOp5KfD8/0s/04CCYPPfl
qlJO+OBAkQFW6xbY7v74cfn4Wso9fb4LBj0lkFjvjJLoOKdN9uxCLusTPdrFy6LsaakU2lYzpJgz
FYP8+NwHzcG4nsL36fA82zvZ+feaMyHzcuBvSJMo+bmHdaSt5IYOi6NwfsenOOCe0m+EB9pjH0rm
X0oa4FBnqI/LU4ZPh8rIczKmwwfEjtoKZ6ELaTXUSkIiZO7EYYZGNB6H9COLfJS5cjbuWrlJtk/l
QfMCAwEAAaOCAYYwggGCMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgbAMBYGA1UdJQEB/wQM
MAoGCCsGAQUFBwMIMEUGA1UdIAQ+MDwwOgYOKwYBBAGBgBgCAQEBBwAwKDAmBggrBgEFBQcCARYa
aHR0cDovL2NwLmUtc3ppZ25vLmh1L3FjcHMwHQYDVR00BBYEFBPzlP2Bn3vdkhA6IT9eccB0VVHx
MB8GA1UdIwQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRoMBsGA1UdEQQUMBKBEGluZm9AZS1zemln
bm8uaHUwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2NybC5lLXN6aWduby5odS9yb290Y2EyMDA5
LmNybDBuBggrBgEFBQcBAQRiMGAwKwYIKwYBBQUHMAGGH2h0dHA6Ly9yb290b2NzcDIwMDkuZS1z
emlnbm8uaHUwMQYIKwYBBQUHMAKGJWh0dHA6Ly93d3cuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5j
cnQwDQYJKoZIhvcNAQELBQADggEBAF9+OE3lfL38fwnBmTJjNYxx1j7sz/gNNncdiC+0sXi0tQZw
B+K78CN9fWgyh3EqBNWtEEQSm3DfwzflBif0qJi19mVcMgAtd5G6kXhjg+EruaOEcxd+V4TittWu
ba2QPhCwzdEqsMtN7uQOZbmkb7T4BF2t5YUY6O5nofHuic77pkmJTsakcsmXkxLuolkUD4l9CYim
S3nd9J3lWxkqDVWk6PMfnC/WJIDk6XB8BSxPZFi9Nwucu3/him0BOKrTIpWA9wxRaK98hNu0STeo
V2DTkZTBN5GpCTFshbkRiX1MygNvlz3/TM7nj+sHj2F/+1FM84U/O9gDuO015UUKCSY=
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points:

https://tsa.e-szigno.hu/tsa2

https://btsa.e-szigno.hu/tsa2

2.2.78.1. Qualified e-Szigno TSA 2015 02

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name: *English:* Qualified e-Szigno TSA 2015 02

   Hungarian: Qualified e-Szigno TSA 2015 02

Service digital identity: *Subject key identifier:*

13 F3 94 FD 81 9F 7B DD 92 10 3A 21 3F 5E 70 20 74 55 51 F1

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2015-02-07T18:00:00.000Z   (07 Feb 2015 19:00:00 CET)

2.2.79. Qualified e-Szigno TSA 2015 03

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 2015 03

Hungarian: Qualified e-Szigno TSA 2015 03

Service digital identity:

Subject key identifier:

70 08 16 25 BA AC 93 0C 14 51 EF 2A FC AB 12 F0 74 6B A6 50

Service digital identity:

Version:

3

Serial number:

29 678 605 170 626 207 038 353 124 618 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2015 03,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

70 08 16 25 BA AC 93 0C 14 51 EF 2A FC AB 12 F0 74 6B A6 50

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2015-02-07T18:00:00.000Z   (07 Feb 2015 19:00:00 CET)

Valid to:

2027-02-07T18:00:00.000Z   (07 Feb 2027 19:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

8C:B4:C2:D0:3B:AA:88:65:84:44:83:FF:6F:0B:F1:8B:FF:8C:BE:12

SHA-256:

C4:E3:B2:79:89:C7:64:F4:B6:A6:41:C4:DF:2E:0E:A0:7F:AD:A0:2A:A3:2E:65:AB:C2:BF:F1:F9:60:AC:EB:78

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100A19B1A384430F983303CB052261299531F7F86E2A45384928B673C30CA9063944921B5C707D9
00448D794B3C5B8463B253EA46F5AB111D2E41B2C1827C1DC2F7E26F60D7F2AB5E94BCB5162CD5D53045E144751EB4
201E3AABA19F92677C68260D8856A877C9E0402A5101597795EBC1CC4F7E1EDC0DB90BDE08673A0D2B7E529C67DAEA
FD31D180F26CEC4B6EFB99FE02EDEE80B367F29BD16DC7E6B8D53F1C6DB75565622F718F715D0C1AA3A506749CBB79
5DF17CFB699D77C0CE5F4AF25E55BCB2BEC72A496A62A9AE70FA7CD86F13B59C8AC093F5AF19C6B7D900F1AFB9F9AD
546C49541CF85BE537F43AE506B3081CFB2438173E7C94AB962B4C6F93250203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.7.0

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIFFDCCA/ygAwIBAgIMX+WRGh3bACbDay0KMA0GCSqGSIb3DQEBCwUAMIGCMQswCQYDVQQGEwJI
VTERMA8GA1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1p
Y3Jvc2VjIGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdu
by5odTAeFw0xNTAyMDcxODAwMDBaFw0yNzAyMDcxODAwMDBaMIGCMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1F1YWxpZmll
ZCBlLLVN6aWdubyBUU0EgMjAxNSAwMzEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWduby5odTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAKGbGjhEMPmDMDywUiYSmVMff4bipFOEkotn
PDDKkGOUSSG1xwfZAESNeUs8W4RjslPqRvWrER0uQbLBgnwdwvfib2DX8qtelLy1FizV1TBF4UR1
HrQgHjqroZ+SZ3xoJg2IVqh3yeBAKlEBWXeV68HMT34e3A25C94IZzoNK35SnGfa6v0x0YDyb0xL
bvuZ/gLt7oCzZ/Kb0W3H5rjVPxxtt1VlYi9xj3FdDBqjpQZ0nLt5XfF8+2mdd8DOX0ryXlW8sr7H
KklqYqmucPp82G8TtZyKwJP1rxnGt9kA8a+5+a1UbElUHPhb5Tf0OuUGswgc+yQ4Fz58lKuWK0xv
kyUCAwEAAaOCAYYwggGCMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgbAMBYGA1UdJQEB/wQM
MAoGCCsGAQUFBwMIMEUGA1UdIAQ+MDwwOgYOKwYBBAGBgBgCAQEBBwAwKDAmBggrBgEFBQcCARYa
aHR0cDovL2NwLmUtc3ppZ25vLmh1L3FjcHMwHQYDVR0OBBYEFHAIFiW6rJMMFFHvKvyrEvB0a6ZQ
MB8GA1UdIwQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRoMBsGA1UdEQQUMBKBEGluZm9AZS1zemln
bm8uaHUwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2NybC5lLXN6aWduby5odS9yb290Y2EyMDA5
LmNybDBuBggrBgEFBQcBAQRiMGAwKwYIKwYBBQUHMAGGH2h0dHA6Ly9yb290b2NzcDIwMDkuZS1z
emlnbm8uaHUwMQYIKwYBBQUHMAKGJWh0dHA6Ly93d3cuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5j
cnQwDQYJKoZIhvcNAQELBQADggEBAHdS8ptvtitVrd5zCK6C99hy88naFRs8oaI+bxUVzJ/VLUfN
12HklpCwEraLbTLEA2d4+dVgo4TsQZ/C7LBQKjaR7hQIgfbxJS8JEzfpikrhXYip064+T7q7a7sp
JNLvx9Dh4LUONQHbl6SvBbNQ6MPOWIW2W82aZxrId0ITeN84bEoTqtxHp05+Pkd26Z+KK7ZRmZmL
tly7FpgO7GDzGGFUC2v4vXh58OyE+lhiu6IwJQ7eT2wJQmlJSYLjaSjkvLe98ERiUYt9ITVNHMXn
LJ9nKps0HsZ3TwZRPBfQWhBxNAVhP1MHIJHZd8OTZY+MK1q+BEG7MoIiEwszxIjXt0A=
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: https://tsa.e-szigno.hu/tsa2

https://btsa.e-szigno.hu/tsa2

2.2.79.1. Qualified e-Szigno TSA 2015 03

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 2015 03

Hungarian: Qualified e-Szigno TSA 2015 03

Service digital identity: *Subject key identifier:*

70 08 16 25 BA AC 93 0C 14 51 EF 2A FC AB 12 F0 74 6B A6 50

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2015-02-07T18:00:00.000Z   (07 Feb 2015 19:00:00 CET)

2.2.80. Qualified e-Szigno TSA 2015 04

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name: *English:* Qualified e-Szigno TSA 2015 04

Hungarian: Qualified e-Szigno TSA 2015 04

Service digital identity: *Subject key identifier:*

87 52 A9 B2 05 96 6E 5D 5A 82 3E 08 FE C1 4E 26 63 40 DD C5

Service digital identity: *Version:*

3

Serial number:

29 814 364 919 430 082 456 747 422 986 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2015 04,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

87 52 A9 B2 05 96 6E 5D 5A 82 3E 08 FE C1 4E 26 63 40 DD C5

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2015-02-07T18:00:00.000Z   (07 Feb 2015 19:00:00 CET)

Valid to:

2027-02-07T18:00:00.000Z   (07 Feb 2027 19:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

6E:6E:5D:28:59:A4:3C:3D:6D:52:9F:74:B5:A5:15:26:07:C2:A7:FE

SHA-256:

3A:BE:48:5F:76:9B:A8:83:41:1F:58:1D:51:73:96:4F:4F:2C:35:58:99:FF:33:B6:A8:04:70:50:59:BD:05:6C

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100E151805DD8513366C28C1B7DCD713AA52597D88DDB83A32F81BB476DBD762868506BC6FAD416
049FCF9DBFF46722A2D5B7DC8EC1C2748233673E5A043F1B18CD73DF6895F72BF052253CAC3F3B4ACF4CA1E2AD9640
7E179EEBDE6B314FE87FC39E75C313FB80F5B0A9D1C79E9C7716F1AF9ED8B1132EE69E772D2D5CAD8CEA0302D98442
05E84724DC0482298132B4EA70EAF82404E525B3C6AA46E10B148517730D4E1F744636E5BF618D040193181CD979B6
8C9FACE34DD44FD1972E11B16FD526FD979BB681155F1938D1F82EE1050AC4EBA170F2645D6325B77D85815440BEDA
5B38F68225D31C51A80A3257B95F693CEEB6E360FFC65A98A2E706FA1C130203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.7.0

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIFFDCCA/ygAwIBAgIMYFXdWNiZDHnkCrUKMA0GCSqGSIb3DQEBCwUAMIGCMQswCQYDVQQGEwJI
VTERMA8GA1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1p
Y3Jvc2VjIGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdu
by5odTAeFw0xNTAyMDcxODAwMDBaFw0yNzAyMDcxODAwMDBaMIGCMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHklF1YWxpZml1
ZCBlLLVN6aWdubyBUU0EgMjAxNSAwNDEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdubYb5odTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAOFRgF3YUTNmwowbfc1xOqUll9iN24OjL4G7
R229dihoUGvG+tQWBJ/Pnb/0ZyKilbfcjsHCdIIzZz5aBD8bGM1z32iV9yvwUiU8rD87Ss9MoeKt
lkB+F57r3msxT+h/w551wxP7gPWwqdHHnpx3FvGvntixEy7mnnctLVytjOoDAtmEQgXoRyTcBIIp
gTK06nDq+CQE5SWzxqpG4QsUhRdzDU4fdEY25b9hjQQBkxgc2Xm2jJ+s403UT9GXLhGxb9Um/Zeb
toEVXxk40fgu4QUKxOuhcPJkXWMlt32FgVRAvtpbOPaCJdMcUagKMle5X2k87rbjYP/GWpii5wb6
HBMCAwEAAaOCAYYwggGCMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgbAMBYGA1UdJQEB/wQM
MAoGCCsGAQUFBwMIMEUGA1UdIAQ+MDwwOgYOKwYBBAGBqBgCAQEBBwAwKDAmBggrBgEFBQcCARYa
aHR0cDovL2NwLmUtc3ppZ25vLmh1L3FjcHMwHQYDVR00BBYEFIdSqbIFlm5dWoI+CP7BTiZjQN3F
MB8GA1UdIwQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRoMBsGA1UdEQQUMBKBEGluZm9AZS1zemln
bm8uaHUwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2NybC5lLXN6aWduby5odS9yb290Y2EyMDA5
LmNybDBuBggrBgEFBQcBAQRiMGAwKwYIKwYBBQUHMAGGH2h0dHA6Ly9yb290Y2NzcDIwMDkuZS1z
emlnbm8uaHUwMQYIKwYBBQUHMAKGJWh0dHA6Ly93d3cuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5j
cnQwDQYJKoZIhvcNAQELBQADggEBAHulW5jS+qFy2VBwet9PH97R6/N2ndzCxfUBbl2ofHF/gl+l
OcyFdmMzIY15dM6i6reQBsZ8xp02VdTQGGugQKwsNaPoFw8VlHG4JEpmInHq4wNVh9BIyvtb84Ao
6FCRblWyV6PI/pLBpKMv652d9KUiuFGP5+p9spO8qoKe9jXbG8ASnnR1aEXLBvHs/GOf0vjazPm7
Rklj9LHZ3vHRXdse2TdC37/z2zK3X2qcPCHsVjtjQrn5aX9xMDKU5dvaB3QECIrlsZ8KudWv2uS2
G0z49PYEBEpUr402aYCffhFMB2MNF4EjgM4BXA2ue4PSs4P5QnT/ET5NItPSmRpirIE=
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: https://tsa.e-szigno.hu/tsa2

https://btsa.e-szigno.hu/tsa2

2.2.80.1. Qualified e-Szigno TSA 2015 04

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 2015 04

Hungarian: Qualified e-Szigno TSA 2015 04

Service digital identity: *Subject key identifier:*

87 52 A9 B2 05 96 6E 5D 5A 82 3E 08 FE C1 4E 26 63 40 DD C5

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2015-02-07T18:00:00.000Z   (07 Feb 2015 19:00:00 CET)

2.2.81. Qualified e-Szigno TSA 2015 05

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 2015 05

Hungarian: Qualified e-Szigno TSA 2015 05

Service digital identity: *Subject key identifier:*

FC C7 81 3B AB 16 EB 4B 98 3D A3 BD 34 2D F1 2B DD BF B9 64

Service digital identity: *Version:*

3

Serial number:

30 200 738 185 043 829 734 970 094 346 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2015 05,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

FC C7 81 3B AB 16 EB 4B 98 3D A3 BD 34 2D F1 2B DD BF B9 64

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2015-02-07T18:00:00.000Z   (07 Feb 2015 19:00:00 CET)

Valid to:

2027-02-07T18:00:00.000Z   (07 Feb 2027 19:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

D1:B0:3F:44:C7:31:28:BC:20:58:08:6B:61:61:3F:7B:80:7A:C4:F4

SHA-256:

7B:F2:5E:C8:AD:31:9A:B7:1D:49:22:FB:CE:29:D0:2E:54:2D:DC:FD:65:0F:41:A5:41:19:02:D5:56:03:D9:FC

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100B7F5FF2757B948029780EF6BC5A509DC4AD673482477E98C88D55FA6185ED60A028AA9493800
72AC0B49D1F5B2E70BA3B7618CFA2945B3A3A67867140EE47DF55C3393D7CD108C690FCF26A4C768700710F5EF643D
77A2D8D4F942917D8EF5A8E860C4C999084AD37D9EC78C39500C93B7644AB3CC2C7AF9DE26B9B72C303B939753CEC3
A9D30A03EBB6B8E5EEE4A8B3B132145A17FC8A1EB000180EC0957946FB03237C7F4AAA3D184B601390D4EC05026126
41EF583247598D285E6AB0978187A17D9EC4D249F58161F11297F2E4303F22952881AE631C667CD6D07B81759F917E
4D103DC62AD35C17090A38987C272AF74A473024B34CC4CF1883BD5A32990203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.7.0

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

```
-----BEGIN CERTIFICATE-----
MIIFFDCCA/ygAwIBAgIMYZV3EYtl0/IgAfMKMA0GCSqGSIb3DQEBCwUAMIGCMQswCQYDVQQGEwJI
VTERMA8GA1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1p
Y3Jvc2VjIGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdu
by5odTAeFw0xNTAyMDcxODAwMDBaFw0yNzAyMDcxODAwMDBaMIGCMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1pY3Jvc2Vj
IGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWduby5odTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBALf1/ydXuUgCl4Dva8WlCdxK1nNIJHfpjIjV
X6YYXtYKAoqpSTgAcqwLSdH1sucLo7dhjPopRbOjpnhnFA7kffVcM5PXzRCMaQ/PJqTHaHAHEPXv
ZD13otjU+UKRfY71qOhgxMmZCErTfZ7HjDlQDJO3ZEqzzCx6+d4mubcsMDuTllPOw6nTCgPrtrjl
7uSos7EyFFoX/IoesAAYDsCVeUb7AyN8f0qqPRhLYBOQlOwFAmEmQe9YMkdZjShearCXgYehfZ7E
0kn1gWHxEpfy5DA/IpUoga5jHGZ8ltB7gXWfkX5NED3GKtNcFwkKOJh8Jyr3SkcwJLNMxM8Yg71a
MpkCAwEAAaOCAYYwggGCMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgbAMBYGA1UdJQEB/wQM
MAoGCCsGAQUFBwMIMEUGA1UdIAQ+MDwwOgYOKwYBBAGBqBgCAQEBBwAwKDAmBggrBgEFBQcCARYa
aHR0cDovL2NwLmUtc3ppZ25vLmh1L3FjcHMwHQYDVR00BBYEFPzHgTurFutLmD2jvTQt8Svdv7lk
MB8GA1UdIwQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRoMBsGA1UdEQQUMBKBEGluZm9AZSlzemln
bm8uaHUwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2NybC5lLXN6aWduby5odS9yb290Y2EyMDA5
LmNybDBuBggrBgEFBQcBAQRiMGAwKwYIKwYBBQUHMAGGH2h0dHA6Ly9yb290b2NzcDIwMDkuZSlz
emlnbm8uaHUwMQYIKwYBBQUHMAKGJWh0dHA6Ly93d3cuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5j
cnQwDQYJKoZIhvcNAQELBQADggEBADUKADwmMdn8iEwTUtkrRhHqOQLjGFB3VYmv+W7fVt8ZE9jn
YaDA8E1AlBUzn0s/1r/AMnEWpwPninKzNEF2T7v/iuEAW9F2Ee3i9aV4BnDLLAioyEu9aBwgcoPQ
MSw2IfHKtLNNS8yyrXLXC/0KUfq8qV6Vsxfg3SGMvRg33ncaAOdtJRSCOHE18bxmy18hZwP2ycKx
lE0LmW5V8urUOAqzPk+My2r7sMR2+Mjwjuq3m/lfvtWs3sRA7yvhDQb6DCP2Ch9RuhUbxHZXqRRn
nlCmRXyBhq1mKlhIuKG2ZtPV7gjEGWeI+sZst8GfMjZtE/5pAvP8nl7lfMQTF7l85Q0=
-----END CERTIFICATE-----
```

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z (01 Jul 2016 00:00:00 CEST)

Service supply points: https://tsa.e-szigno.hu/tsa2

https://btsa.e-szigno.hu/tsa2

2.2.81.1. Qualified e-Szigno TSA 2015 05

Provider: 2
Service: 81
History: 1/1

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:
English: Qualified e-Szigno TSA 2015 05

Hungarian: Qualified e-Szigno TSA 2015 05

Service digital identity:
Subject key identifier:

FC C7 81 3B AB 16 EB 4B 98 3D A3 BD 34 2D F1 2B DD BF B9 64

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2015-02-07T18:00:00.000Z   (07 Feb 2015 19:00:00 CET)

2.2.82. Qualified e-Szigno TSA 2015 06

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name:

English: Qualified e-Szigno TSA 2015 06

Hungarian: Qualified e-Szigno TSA 2015 06

Service digital identity: *Subject key identifier:*

05 41 35 F8 5C 42 30 89 C7 D0 1C 56 1B 85 8B 27 F1 89 2C 99

Service digital identity: *Version:*

3

Serial number:

30 590 107 138 710 788 649 920 953 866 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2015 06,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

05 41 35 F8 5C 42 30 89 C7 D0 1C 56 1B 85 8B 27 F1 89 2C 99

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2015-02-07T18:00:00.000Z   (07 Feb 2015 19:00:00 CET)

Valid to:

2027-02-07T18:00:00.000Z   (07 Feb 2027 19:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

BB:87:EB:91:16:11:72:E7:0E:58:F7:93:D2:89:84:B7:DD:48:0F:E4

SHA-256:

15:10:DE:F1:B9:3C:E9:9B:C2:5F:0B:31:8C:55:EA:29:C2:3C:F9:EC:0E:5C:98:3E:9A:50:D4:DC:25:5A:28:53

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100C1CBDBB6D10B7C3738256CF2D9E5C2502E3CF41CA05BA49F7C27F10450E1B7F56AF45FE58559
7A51185293936AC7E88EBE6D695D9BB6615E1D17D588BE8CEEBF6527D88DD9226845FB7CD12E30534D63AB62393ADB
9C86AA697223ABCA03516FC94968B6F8B5F17F8B20279666D8CC8406F3E90DBC0FDD3035D8D05A1215F0623CFD5A15
435A2181F4BE0E788947C6819C4D905FA6B966D519AC5479FE6E5E972C1332EECE8B5D95419F1B5D501C4B1AA4362E
DB82FED6659156F52D428BB43052959AC1DE035E6F06CC22AC2C555D35AE77A23121E17BCC9B520AD3DE63D1FBEA64
F660E5A54B02A3CE458C94E154FD41902B089193A913D3BA52CC527CE8ED0203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.7.0

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

```
-----BEGIN CERTIFICATE-----
MIIFFDCCA/ygAwIBAgIMYteLJtFWq9tjsv4KMA0GCSqGSIb3DQEBCwUAMIGCMQswCQYDVQQGEwJI
VTERMA8GA1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1p
Y3Jvc2VjIGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdu
by5odTAeFw0xNTAyMDcxODAwMDBaFw0yNzAyMDcxODAwMDBaMIGCMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1pY3Jvc2Vj
IGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWduby5odTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAMHL27bRC3w3OCVs8tnlwlAuPPQcoFukn3wn
8QRQ4bf1avRf5YVZelEYUpOTasfojr5taV2btmFeHRfViL6M7r9lJ9iN2SJoRft80S4wU01jq2I5
OtuchqppciOrygNRb8lJaLb4tfF/iyAnlmbYzIQG8+kNvA/dMDXY0FoSFfBiPP1aFUNaIYH0vg54
iUfGgZxNkF+muWbVGaxUef5uXpcsEzLuzotdlUGfGl1QHEsapDYu24L+1mWRVvUtQou0MFKVmsHe
A15vBswirCxVXTWud6IxIeF7zJtSCtPeY9H76mT2YOWlSwKjzkWMlOFU/UGQKwiRk6kT07pSzFJ8
6O0CAwEAAaOCAYYwggGCMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgbAMBYGA1UdJQEB/wQM
MAoGCCsGAQUFBwMIMEUGA1UdIAQ+MDwwOgYOKwYBBAGBqBgCAQEBBwAwKDAmBggrBgEFBQcCARYa
aHR0cDovL2NwLmUtc3ppZ25vLmh1L3FjcHMwHQYDVR00BBYEFAVBNfhcQjCJx9AcVhuFiyfxiSyZ
MB8GA1UdIwQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRoMBsGA1UdEQQUMBKBEGluZm9AZS1zemln
bm8uaHUwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2NybC5lLXN6aWduby5odS9yb290Y2EyMDA5
LmNybDBuBggrBgEFBQcBAQRiMGAwKwYIKwYBBQUHMAGGH2h0dHA6Ly9yb290Y2NzcDIwMDkuZS1z
emlnbm8uaHUwMQYIKwYBBQUHMAKGJWh0dHA6Ly93d3cuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5j
cnQwDQYJKoZIhvcNAQELBQADggEBAGpj+iXDNI9nwy/04EBfafhf6wHjL+bXG8ihAu1LauTM3OUS
8kJrMPGTD1GbbCdMVJ1a07nmujVWyrRu4ibfTZf0tOiHNKjqESRPUwlyICIY62dMwsVKocTcQHDR
4mnElmO32xMzn5PFPmnz9ny/Bn/j1E85hbVeVLM7dIpoeILrNmQt5RQv9qw/mz2NvizaoaNbKzk5
8suxejLQMJD+GGNKouqtEFt8rbGZdRIKiXlh51yjdotWJToie1xwH+D3jtxRBXcjO84BWX2/psf5
DTYIc0pRPORT/TvIwfjtKJZ3+ODQyCURcnntfG9NhOpTun+I/JxL/9wAllpf/gT4Fms=
-----END CERTIFICATE-----
```

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

> *In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.*

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: https://tsa.e-szigno.hu/tsa2

https://btsa.e-szigno.hu/tsa2

2.2.82.1. Qualified e-Szigno TSA 2015 06

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name: *English:* Qualified e-Szigno TSA 2015 06

Hungarian: Qualified e-Szigno TSA 2015 06

Service digital identity: *Subject key identifier:*

05 41 35 F8 5C 42 30 89 C7 D0 1C 56 1B 85 8B 27 F1 89 2C 99

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2015-02-07T18:00:00.000Z   (07 Feb 2015 19:00:00 CET)

2.2.83. Qualified e-Szigno TSA 2015 07

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 2015 07

Hungarian: Qualified e-Szigno TSA 2015 07

Service digital identity: *Subject key identifier:*

7D BB 46 C8 DB E1 0E 51 B9 A5 25 D6 2D EC FD 2D 45 BF 16 1A

Service digital identity: *Version:*

3

Serial number:

30 773 203 498 600 647 708 288 423 690 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2015 07,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

7D BB 46 C8 DB E1 0E 51 B9 A5 25 D6 2D EC FD 2D 45 BF 16 1A

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2015-02-07T18:00:00.000Z   (07 Feb 2015 19:00:00 CET)

Valid to:

2027-02-07T18:00:00.000Z   (07 Feb 2027 19:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

51:29:D5:9F:D9:81:08:A1:46:F9:45:10:DE:A6:37:D6:53:CC:47:CA

SHA-256:

64:E5:EE:BE:70:C9:33:02:F0:DE:BF:B8:46:D4:E5:30:2C:04:1B:99:DA:F4:6A:EE:DB:BC:28:CE:02:05:7C:18

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100BBD31EB99A19608BD2310BF03748B1D91C0A78341972457EF87AADAE4873B35F23AA947C22E0
90881673434476E6968ACFABE4D459A980F22C450E640748805036C9E7680D469F9B54B2A340BDA46E8607D1B52B75
90181DBE1070E4F60881EB97F4B76FCE55AA8952BBD9D286C9100D6ADBB79EED55C48444C80F4BC0E8C3985F980FB5
86D0CE31E5EE9DAD7750FFC43F7F5F740AC44F21C93A7215C21B23358869C9E7936D0E22F8C7C838FB44511F63F482
300CC2B4BE135890731026C05C976D61170ED9E6C517928803C35B21B6F1E68AA332DF97CA4155A340F1018EE45B77
B76B49ACD1D6CAA88D5DC184408A23B8669945980049480A2C81A3A59AE70203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.7.0

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIFFDCCA/ygAwIBAgIMY27/UGBF8/YGFxcKMA0GCSqGSIb3DQEBCwUAMIGCMQswCQYDVQQGEwJI
VTERMA8GA1UEBwwIQnVkYXBlc3QQxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1p
Y3Jvc2VjIGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdu
by5odTAeFw0xNTAyMDcxODAwMDBaFw0yNzAyMDcxODAwMDBaMIGCMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QQxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1F1YWxpZmll
ZCBlLVN6aWdubyBUU0EgMjAxNSAwNzEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWduby5odTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBALvTHrmaGWCL0jEL8DdIsdkcCng0GXJFfvh6
ra5Ic7NfI6qUfCLgkIgWc0NEduaWis+r5NRZqYDyLEU0ZAdIgFA2yedoDUafm1Syo0C9pG6GB9G1
K3WQGB2+EHDk9giB65f0t2/OVaqJUrvZ0obJEA1q27ee7VXEhETID0vA6M0YX5gPtYbQzjHl7p2t
d1D/xD9/X3QKxE8hyTpyFcIbIzWIacnnk20OIvjHyDj7RFEfY/SCMAzCtL4TWJBzECbAXJdtYRcO
2ebFF5KIA8NbIbbx5oqjMt+XykFVo0DxAY7kW3e3a0ms0dbKqI1dwYRAii04ZplFmABJSAosga0l
mucCAwEAAaOCAYYwggGCMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgbAMBYGA1UdJQEB/wQM
MAoGCCsGAQUFBwMIMEUGA1UdIAQ+MDww0gYOKwYBBAGBqBgCAQEBBwAwKDAmBggrBgEFBQcCARYa
aHR0cDovL2NwLmUtc3ppZ25vLmh1L3FjcHMwHQYDVR00BBYEFH27Rsjb4Q5RuaUl1i3s/S1FvxYa
MB8GA1UdIwQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRoMBsGA1UdEQQUMBKBEGluZm9AZS1zemln
bm8uaHUwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2NybC5lLXN6aWduby5odS9yb290Y2EyMDA5
LmNybDBuBggrBgEFBQcBAQRiMGAwKwYIKwYBBQUHMAGGH2h0dHA6Ly9yb290Y2NzcDIwMDkuZS1z
emlnbm8uaHUwMQYIKwYBBQUHMAKGJWh0dHA6Ly93d3cuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5j
cnQwDQYJKoZIhvcNAQELBQADggEBABZmqTGXScRO4BOAys8OIRgYgcmiVrchf/l9zZWXDRXBZjvh
d8GLiBvOFnIj0tRp4ZCjuXsVjiIUUPhF5i5xQNC+EsC6GXSG7oXVjbGOfcgh/3ApmF9gIKaPVszB
yU59Lz7xdSQb6nrd+WLLw/Z/uYPLQhLK/g+ak24EPRfPKpqDWN7kEpqCDRpHXf8U9gxtGoHMaxv4
Ot+K8H5vDSAvW+rGnSXcyKDEW0WhHf1ylX5ENvrZGhf8uRO2qTpFaKm31VnXFp08jI6Lw2H2lu5y
SoEvGqhxslUqw58uD+eCfk1MNcmWGUI8vgY7btaNxJlRA+ShCU3vIqS2BoNn4iWdldo=
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: https://tsa.e-szigno.hu/tsa2

https://btsa.e-szigno.hu/tsa2

2.2.83.1. Qualified e-Szigno TSA 2015 07

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name: *English:* Qualified e-Szigno TSA 2015 07

Hungarian: Qualified e-Szigno TSA 2015 07

Service digital identity: *Subject key identifier:*

7D BB 46 C8 DB E1 0E 51 B9 A5 25 D6 2D EC FD 2D 45 BF 16 1A

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2015-02-07T18:00:00.000Z   (07 Feb 2015 19:00:00 CET)

2.2.84. Qualified e-Szigno TSA 2015 08

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 2015 08

Hungarian: Qualified e-Szigno TSA 2015 08

Service digital identity: *Subject key identifier:*

D9 92 57 E7 F2 2E 28 44 16 3E 00 AF 41 40 5C 89 1E D6 73 A9

Service digital identity: *Version:*

3

Serial number:

31 108 254 368 866 754 991 706 438 410 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2015 08,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

D9 92 57 E7 F2 2E 28 44 16 3E 00 AF 41 40 5C 89 1E D6 73 A9

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2015-02-07T18:00:00.000Z   (07 Feb 2015 19:00:00 CET)

Valid to:

2027-02-07T18:00:00.000Z   (07 Feb 2027 19:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

4C:49:E5:20:00:61:FB:B3:A6:70:86:60:5D:E6:B5:2C:B0:3C:9A:49

SHA-256:

70:61:79:07:18:47:9F:3D:13:49:84:D6:C6:28:1B:C8:54:D5:6B:95:05:AC:AE:77:EB:3F:40:21:C6:49:00:21

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A02820101008CF62BF2359DF5FADEC40768EDD78041ACCB79A5EE236C578F78365665D468B844D7149FE34F
AF6D06C7CAC449ADEB96034FF58EE1477B220467ACAA72137203C5C7295A63F65DC35ED017E8613AC83156AC8A6937
2665A2FEF410D02381B774F69F967B4FADA8CF96D36120ECF5BFF4BAF60D72BF0859097F45E7C9471489A1C0C1E042
9A3A28713483DF1C35B6D6C2E71E979BC9B8A66642A6BA4CD36770F7D1DDC1F94726E33988CDA5C69CCD1FA8F9B6C6
2F3B3F36DA55B58FE4B1B745EBB89A4C465349CF1AD0A73EAC553BE1E11A8B114DEDBCDC02BD2852FED0376ACE776C
FB5FD9C56EB73EF97ED89744C4805806E52C13DB446932FEBB59C2FD1FDF0203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.7.0

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIFFDCCA/ygAwIBAgIMZIQlGHKmXUYidXsKMA0GCSqGSIb3DQEBCwUAMIGCMQswCQYDVQQGEwJI
VTERMA8GA1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1p
Y3Jvc2VjIGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdu
by5odTAeFw0xNTAyMDcxODAwMDBaFw0yNzAyMDcxODAwMDBaMIGCMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1pY3Jvc2Vj
IGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWduby5odTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAIz2K/I1nfX63sQHaO3XgEGsy3ml7iNsV494
NlZl1Gi4RNcUn+NPr20Gx8rESa3rlgNP9Y7hR3siBGesqnITcgPFxylaY/Zdwl7QF+hhOsgxVqyK
aTcmZaL+9BDQI4G3dPaflntPrajPltNhIOzlv/S69g1yvvhZCX9F58lHFImhwMHgQpo6KHE0g98c
NbbWwucel5vJuKZmQqa6TNNncPfR3cH5RybjOYjNpcaczR+o+bbGLzs/NtpVtY/ksbdF67iaTEZT
Sc8a0Kc+rFU74eEaixFN7bzcAr0oUv7QN2rOd2z7X9nFbrc++X7Yl0TEgFgG5SwT20RpMv67WcL9
H98CAwEAAaOCAYYwggGCMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgbAMBYGA1UdJQEB/wQM
MAoGCCsGAQUFBwMIMEUGA1UdIAQ+MDwwOgYOKwYBBAGBqBgCAQEBBwAwKDAmBggrBgEFBQcCARYa
aHR0cDovL2NwLmUtc3ppZ25vLmh1L3FjcHMwHQYDVR00BBYEFNmSV+fyLihEFj4Ar0FAXIke1nOp
MB8GA1UdIwQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRoMBsGA1UdEQQUMBKBEGluZm9AZS1zemln
bm8uaHUwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2NybC5lLXN6aWduby5odS9yb290Y2EyMDA5
LmNybDBuBggrBgEFBQcBAQRiMGAwKwYIKwYBBQUHMAGGH2h0dHA6Ly9yb290Y2NzcDIwMDkuZS1z
emlnbm8uaHUwMQYIKwYBBQUHMAKGJWh0dHA6Ly93d3cuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5j
cnQwDQYJKoZIhvcNAQELBQADggEBAJwOotg2qRF7l+c4nclChFdNtc69mxT5ilu9vh0UGwdavl3b
aM5bV7NPd0Wo0RWSUfNT3TB5wV/McDjJzvVI2+FNmZKegp4Lpo1Nd0RLc2is455SH0ymkDHDpMk1
325EeqYjwiLtUChV2bt9F40vzPshKDn7ds161raUhKVhsFZNJd28KQUw2loG6oZ5Wb09V/kI3cO0
8PS4yNnmE2jCTDVS8+z+vrtWru3f3Fe0JMKdCP9MvgHMNIHPbylJIoj+rrp8rEXFS64yNramBis/
fq0kqYSdvFgx3wO3oKmSIJMLkiEF53tO7rYRvTQald9RK0RUaGAH4RRKPpMFvEp3ClY=
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: https://tsa.e-szigno.hu/tsa2

https://btsa.e-szigno.hu/tsa2

2.2.84.1. Qualified e-Szigno TSA 2015 08

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name: *English:* Qualified e-Szigno TSA 2015 08

Hungarian: Qualified e-Szigno TSA 2015 08

Service digital identity: *Subject key identifier:*

D9 92 57 E7 F2 2E 28 44 16 3E 00 AF 41 40 5C 89 1E D6 73 A9

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2015-02-07T18:00:00.000Z   (07 Feb 2015 19:00:00 CET)

2.2.85. Qualified e-Szigno TSA 2015 09

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name:

English: Qualified e-Szigno TSA 2015 09

Hungarian: Qualified e-Szigno TSA 2015 09

Service digital identity:

Subject key identifier:

36 8C 66 E3 CC 0C 34 5F 82 14 D5 41 BD 0C 21 2E 4A 89 6F B3

Service digital identity:

Version:

3

Serial number:

31 443 919 832 543 897 430 906 218 762 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2015 09,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

36 8C 66 E3 CC 0C 34 5F 82 14 D5 41 BD 0C 21 2E 4A 89 6F B3

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2015-02-07T18:00:00.000Z   (07 Feb 2015 19:00:00 CET)

Valid to:

2027-02-07T18:00:00.000Z   (07 Feb 2027 19:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

FF:A1:CF:B0:AD:F5:00:48:77:F0:A0:EA:DC:96:E3:E3:EF:C1:0C:73

SHA-256:

2C:8B:63:CE:E4:40:EF:98:A8:FE:CD:7E:60:DB:FC:27:54:AC:22:F1:69:91:F7:BA:4F:40:17:EE:92:E9:D1:E6

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100BE297DBBE2B3CAE3000941C7434B5E70C475526BFF374EFC8C3D1C4CDE257EA9B42358D75766
EAF891DE240F243E24F929C563F72D18B8F3F63C02B586B28C8474CD397CF8407B6A1E3D960004F70B9FFF525995E9
D1BBDDA9BC820CCAA240071D07AAE3C3975196F48F35D9E66717FB47DC73C83FEAED60BFCF8D52369623C42893060F
0E3D37B84B4C85502508B6CCCD05DC835C928DA7B1C64AA6E4DC458FE572E2E35B0B1F0695902C79CD4447FA7B1682
7F5D9FD143D43BBC32825599A0743C6BE504AAD51B96D27232DF4AF5E29A3456CE0F15499D51CEFCDE84CAEAABAA0E
31F269A91CE42C3AF807FC9AECFB9C7F1EC5F8E06F5F9834BFCDA0590CC90203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.7.0

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIFFDCCA/ygAwIBAgIMZZnNBbH5D5zTyakKMA0GCSqGSIb3DQEBCwUAMIGCMQswCQYDVQQGEwJI
VTERMA8GA1UEBwwIQnVkYXBlc3QQxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1p
Y3Jvc2VjIGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdu
by5odTAeFw0xNTAyMDcxODAwMDBaFw0yNzAyMDcxODAwMDBaMIGCMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHhlF1YWxpZmll
ZCBlLVN6aWdubyBUU0EgMjAxNSAw0TEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdub5odTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAL4pfbvis8rjAAlBx0NLXnDEdVJr/zdO/Iw9
HEzeJX6ptCNY11dm6viR3iQPJD4k+SnFY/ctGLjz9jwCtYayjIR0zTl8+EB7ah49lgAE9wuf/lJZ
lenRu92pvIIMyqJABx0HquPDl1GW9I8l2eZnF/tH3HPIP+rtYL/PjVI2liPEKJMGDw49N7hLTIVQ
JQi2zM0F3INcko2nscZKpuTcRY/lcuLjWwsfBpWQLHnNREf6exaCfl2f0UPUO7wyglWZoHQ8a+UE
qtUbltJyMt9K9eKaNFbODxvJnVHO/N6Eyuqrqg4x8mmpHOQsOvgH/Jrs+5x/HsX44G9fmDS/zaBZ
DMkCAwEAAaOCAYYwggGCMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgbAMBYGA1UdJQEB/wQM
MAoGCCsGAQUFBwMIMEUGA1UdIAQ+MDwwOgYOKwYBBAGBqBgCAQEBBwAwKDAmBggrBgEFBQcCARYa
aHR0cDovL2NwLmUtc3ppZ25vLmh1L3FjcHMwHQYDVR00BBYEFDaMZuPMDDRfghTVQb0MIS5KiW+z
MB8GA1UdIwQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRoMBsGA1UdEQQUMBKBEGluZm9AZS1zemln
bm8uaHUwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2NybC5lLXN6aWdub5odS9yb290Y2EyMDA5
LmNybDBuBggrBgEFBQcBAQRiMGAwKwYIKwYBBQUHMAGGH2h0dHA6Ly9yb290b2NzcDIwMDkuZS1z
emlnbm8uaHUwMQYIKwYBBQUHMAKGJWh0dHA6Ly93d3cuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5j
cnQwDQYJKoZIhvcNAQELBQADggEBABRNpZSmZOa7bZ9DqgBG8pDvmIEhnEpXbHvYdyDRrI+IvXm4
XvGYwg1hXdAd9EmAs3ZM4wdl5L/xVWZl7rKaq2LdAJAAfS6loE1vNkQDZAsQXp1E1ibjisuC4i+z
nXlvYRt1CQmzI6rNphYero00EZpeVfhBR7/ilweWv3g07ZbI/sIMlI6yYkCJ7JCyNYT7zcWndGxh
uAbcTBWc7g0TlygH19ShhIwS3IBoQczG1+0YXRq58bY+dI3L7PKuTOOSkBFd33Eog9wM9fE38Mvj
tXE6ruaOE/Gtpppph53BiP4ItKwOJyzxYvlZVj88b/KW+ZLpz4YjF2I7ZdHHypcm8zk=
-----END CERTIFICATE-----

Service status:	http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time:	2016-06-30T22:00:00.000Z (01 Jul 2016 00:00:00 CEST)
Service supply points:	https://tsa.e-szigno.hu/tsa2
	https://btsa.e-szigno.hu/tsa2

2.2.85.1. Qualified e-Szigno TSA 2015 09

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 2015 09

Hungarian: Qualified e-Szigno TSA 2015 09

Service digital identity: *Subject key identifier:*

36 8C 66 E3 CC 0C 34 5F 82 14 D5 41 BD 0C 21 2E 4A 89 6F B3

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2015-02-07T18:00:00.000Z   (07 Feb 2015 19:00:00 CET)

2.2.86. Qualified e-Szigno TSA 2015 10

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 2015 10

Hungarian: Qualified e-Szigno TSA 2015 10

Service digital identity: *Subject key identifier:*

83 81 F5 CE 63 97 7B 0D 6B 4E 3E 10 77 50 78 34 9D B8 FA E2

Service digital identity: *Version:*

3

Serial number:

31 662 567 707 609 970 752 380 532 746 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2015 10,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

83 81 F5 CE 63 97 7B 0D 6B 4E 3E 10 77 50 78 34 9D B8 FA E2

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2015-02-07T18:00:00.000Z   (07 Feb 2015 19:00:00 CET)

Valid to:

2027-02-07T18:00:00.000Z   (07 Feb 2027 19:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

98:F7:73:C5:7C:E7:EF:95:0C:5B:B1:80:C1:14:61:2F:A9:3A:1F:46

SHA-256:

A4:70:7B:FE:79:8F:42:AB:F9:75:F3:53:C8:FE:C0:F0:47:53:F7:C7:E0:20:11:CE:7E:67:92:10:9F:A1:27:7C

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100E52DE57F1DBCF8A10F4271671E1D387EFEA5B4DD2B3105FB71B0B68FFEE36D3E5395021EDE0A
6568C70FB27AA0216AABECAAF65CD0F31ED3E28A83BBF2D234A79F8B400AFD1208240F76BA041EEECD6257E8C6D5D3
298894826EE9D9C5F963AE89CDCC84B17F535C8F0EAA3002F623B71CF8ABF732434BFF0CABB7ACC705FDBF8309F7C9
D38E874D18FD5A0E2A6E71847B0475B600FD7C972C927524A4A1521868FAB16B86F217E510F3DCFA73D7E6058F4B08
D6E4F2D8DAC5D2F7224A5CBCC86C50BD2DE4124E318B3F257CBD57A7037ECEC4CE775701BFE4FA071CE25456C00921
7A5A93438E53813A659CCC481837F14E1194E46C597DA0B8627973FC28E70203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.7.0

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIFFDCCA/ygAwIBAgIMZk6pgsDE9nCukPgKMA0GCSqGSIb3DQEBCwUAMIGCMQswCQYDVQQGEwJI
VTERMA8GA1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1p
Y3Jvc2VjIGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdu
by5odTAeFw0xNTAyMDcxODAwMDBaFw0yNzAyMDcxODAwMDBaMIGCMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1pY3Jvc2Vj
IGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdnby5odTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAOUt5X8dvPihD0JxZx4dOH7+pbTdKzEF+3Gw
to/+420+U5UCHt4KZWjHD7J6oCFqq+yq9lzQ8x7T4oqDu/LSNKefi0AK/RIIJA92ugQe7s1iV+jG
ldMpiJSCbunZxfljronNzISxf1Ncjw6qMAL2I7cc+Kv3MkNL/wyrt6zHBf2/gwn3ydOOh00Y/VoO
Km5xhHsEdbYA/XyXLJJ1JKShUhho+rFrhvIX5RDz3Ppz1+YFj0sI1uTy2NrF0vciSly8yGxQvS3k
Ek4xiz8lfL1XpwN+zsTOd1cBv+T6BxziVFbACSF6WpNDjlOBOmWczEgYN/FOEZTkbFl9oLhieXP8
KOcCAwEAAaOCAYYwggGCMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgbAMBYGA1UdJQEB/wQM
MAoGCCsGAQUFBwMIMEUGA1UdIAQ+MDwwOgYOKwYBBAGBqBgCAQEBBwAwKDAmBggrBgEFBQcCARYa
aHR0cDovL2NwLmUtc3ppZ25vLmh1L3FjcHMwHQYDVR0OBBYEFIOB9c5jl3sNa04+EHdQeDSduPri
MB8GA1UdIwQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRoMBsGA1UdEQQUMBKBEGluZm9AZS1zemln
bm8uaHUwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2NybC5lLXN6aWdubybodS9yb290Y2EyMDA5
LmNybDBuBggrBgEFBQcBAQRiMGAwKwYIKwYBBQUHMAGGH2h0dHA6Ly9yb290Y2NzcDIwMDkuZS1z
emlnbm8uaHUwMQYIKwYBBQUHMAKGJWh0dHA6Ly93d3cuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5j
cnQwDQYJKoZIhvcNAQELBQADggEBAOcSlmN1J4oBzUridsU2UJMAZAUlZ6Qd+R5Ci+RNAm8ie4iX
mp6I5B/kewx/M8VVobSi0E+DXLI3/5MZmTPQCVJf3cVwHnIEqMqdREh9Sxk3ud+N4WEH3bVHQFo7
QWt+7NnWXvUa4B1fHqVXl4a65yiFKyHJOdUfDusY8uY7EpNYPU8zNTIh9vW+ijLeQpZBTsTvElpg
SHugqHHyqYUcTv0ASfumu6mqxwTrvDaZTOmL4SNhtQybSnBn3D9XJWSV+xnRuFVoEE/UKVdh8Mqd
s9Cqhee/7+zHMM7pO3XrElpg3xEvrjrCsfdDFqlhDM6jThNGug9pPlsC8JF4qvwySVo=
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: https://tsa.e-szigno.hu/tsa2

https://btsa.e-szigno.hu/tsa2

2.2.86.1. Qualified e-Szigno TSA 2015 10

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 2015 10

Hungarian: Qualified e-Szigno TSA 2015 10

Service digital identity: *Subject key identifier:*

83 81 F5 CE 63 97 7B 0D 6B 4E 3E 10 77 50 78 34 9D B8 FA E2

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2015-02-07T18:00:00.000Z   (07 Feb 2015 19:00:00 CET)

2.2.87. Qualified e-Szigno TSA 2014 11

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name:

English: Qualified e-Szigno TSA 2014 11

Hungarian: Qualified e-Szigno TSA 2014 11

Service digital identity: *Subject key identifier:*

47 6F 6C 86 AA 36 20 45 05 61 C7 C3 80 05 8D 66 1C C7 64 8A

Service digital identity: *Version:*

3

Serial number:

32 033 733 906 814 918 783 802 330 634 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2015 11,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

47 6F 6C 86 AA 36 20 45 05 61 C7 C3 80 05 8D 66 1C C7 64 8A

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2015-02-07T18:00:00.000Z   (07 Feb 2015 19:00:00 CET)

Valid to:

2027-02-07T18:00:00.000Z   (07 Feb 2027 19:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

0F:03:C0:5C:3B:1C:F4:EB:F7:08:1B:FF:63:EE:D6:42:FD:5F:73:9E

SHA-256:

FC:35:6D:5E:F1:57:D8:79:2A:9B:55:D7:EF:9E:04:3C:0E:3E:79:4C:5C:1D:39:2A:DF:C3:2C:BA:B6:76:8B:06

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100BF92CC62474AF7FF42A2758F7EFDCC2C1E6F500E25812D80D6BBD950957717FA36A0A5E30DEA
33FA2627F6A5EAE6C696C93FF289E494B26F9A65D1F4169559767048C6CD238A5AC97392E766BBBDBD2AEA21125A26
22AF05B421D8F9D88299DAA57116E3FA9E1E243E20B7CE61668E02C85220904340CA8C8F99AEFE44C9E879448807EC
68EEE3F7C9B52B783906DF9DAF7412A864AF47B471818DEBCB9FC086038BD62A16C7C5EF179B02F92A093778984361
CC743E5B6E2AC8082E83B376DC1D80F8DD0D1246E271EA4610821AAC158061D0D0E033A092C4DFC8940EF1D54ACA23
BBCB0018687806B5E08D87E7DFF7BFA23F85C0949C0642504F982B7D952F0203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.7.0

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIFFDCCA/ygAwIBAgIMZ4GvArrExey0XM4KMA0GCSqGSIb3DQEBCwUAMIGCMQswCQYDVQQGEwJI
VTERMA8GA1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1p
Y3Jvc2VjIGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdu
by5odTAeFw0xNTAyMDcxODAwMDBaFw0yNzAyMDcxODAwMDBaMIGCMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1lY3Jvc2Vj
IGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdvby5odTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAL+SzGJHSvf/QqJ1j379zCweblAOJYEtgNa7
2VCVdxf6NqCl4w3qM/omJ/al6ubGlsk/8onklLJvmmXR9BaVWXZwSMbNI4payXOS52a7vb0q6iES
WiYirwW0Idj52IKZ2qVxFuP6nh4kPiC3zmFmjgLIUiCQQ0DKjI+Zrv5Eyeh5RIgH7Gju4/fJtSt4
0Qbfna90Eqhkr0e0cYGN68ufwIYDi9YqFsfF7xebAvkqCTd4mENhzHQ+W24qyAgug7N23B2A+N0N
EkbicepGEIIarBWAYdDQ4DOgksTfyJQO8dVKyiO7ywAYaHgGteCNh+ff97+iP4XAlJwGQlBPmCt9
lS8CAwEAAaOCAYYwggGCMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgbAMBYGA1UdJQEB/wQM
MAoGCCsGAQUFBwMIMEUGA1UdIAQ+MDwwOgYOKwYBBAGBqBgCAQEBBwAwKDAmBggrBgEFBQcCARYa
aHR0cDovL2NwLmUtc3ppZ25vLmh1L3FjcHMwHQYDVR00BBYEFEdvbIaqNiBFBWHHw4AFjWYcx2SK
MB8GA1UdIwQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRoMBsGA1UdEQQUMBKBEGluZm9AZSlzemln
bm8uaHUwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2NybC5lLXN6aWduby5odS9yb290Y2EyMDA5
LmNybDBuBggrBgEFBQcBAQRiMGAwKwYIKwYBBQUHMAGGH2h0dHA6Ly9yb290b2NzcDIwMDkuZS1z
emlnbm8uaHUwMQYIKwYBBQUHMAKGJWh0dHA6Ly93d3cuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5j
cnQwDQYJKoZIhvcNAQELBQADggEBAK+kyAl1p2P24WvjvkLoFVOoIj0AG9B1qAUaA7nh9mIoSb3k
MQm2IhoA/ficyxLu7952wEl8pfnSF18Q8U/XGqZjitJZ0VPh+6spUdA0RUDBlAHlxgnQtWps1JLw
nl8WIKZqxhQxvLmf8Qjv3F0Ku9KDpZAvPtrWdeN7+EJfXEknqYYXYAbbdRKbuslf7l2QorffdMdE
Ml7+X1fZ5ufEPgnqvgkkUHxPg/q6Wncji0pu8xMveudJ31deG5/5WjbtwDwZgLAfn4IVDTOmrqRd
y8RhPvYhQKQfYQhMDP9G5xJ6/25NglFkcPiOtsUVQYqcElx3voyqGUvhXqnsLU1nflA=
-----END CERTIFICATE-----

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: https://tsa.e-szigno.hu/tsa2

https://btsa.e-szigno.hu/tsa2

2.2.87.1. Qualified e-Szigno TSA 2014 11

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 2014 11

Hungarian: Qualified e-Szigno TSA 2014 11

Service digital identity: *Subject key identifier:*

47 6F 6C 86 AA 36 20 45 05 61 C7 C3 80 05 8D 66 1C C7 64 8A

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2015-02-07T18:00:00.000Z   (07 Feb 2015 19:00:00 CET)

2.2.88. Qualified e-Szigno TSA 2015 12

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified e-Szigno TSA 2015 12

Hungarian: Qualified e-Szigno TSA 2015 12

Service digital identity: *Subject key identifier:*

35 2C CF C5 F2 7B B2 57 21 48 95 42 C9 5B 6A 7E 31 E2 E0 27

Service digital identity: *Version:*

3

Serial number:

32 347 802 839 186 170 780 464 881 930 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2015 12,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

35 2C CF C5 F2 7B B2 57 21 48 95 42 C9 5B 6A 7E 31 E2 E0 27

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2015-02-07T18:00:00.000Z   (07 Feb 2015 19:00:00 CET)

Valid to:

2027-02-07T18:00:00.000Z   (07 Feb 2027 19:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

99:03:E7:E1:3A:9B:9B:43:4C:30:F3:8E:F4:F5:6F:6E:81:D6:9A:E3

SHA-256:

22:B2:89:D9:B4:B1:A8:EB:3A:77:2D:A9:0D:AE:35:DA:F1:3C:A6:EE:8D:B0:FB:64:B8:63:46:E3:EE:A1:97:59

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100E2FD24F74856459188924DF7A8F826AF192B75E752785782A7B3617926CF8F02E5D62B9E8400
BD8FEF2A12143F6882C2AE99825784CFC128898ADB1DED72A67E906015509E7FB734797DE797B46E2F8118D8978EED
93951907B86C31012CA68BCA24BCA6B1FAC059BCDBD29BE16EA8199B6760F9F0D930E3A265052943BEB8BBEA7C23B7
9942E52DCBBB837BC07BF81BC4170CCBB8120B4E2D5247B6672561891EDF0C5E4B199627C66ABB95F019979D44850E
37C02145C0B88C696F8ABCB396D297EBBC8723B78016F7BA9D1E29E0176803187F1EA0DF336D9A303756EB5D8ED323
CB5E105248CBEAAE16286FEA57CD6298D91B8C2DF3CA0EF32EA44F26A55F0203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.7.0

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIFFDCCA/ygAwIBAgIMaIV5sas+Y7nqJqEKMA0GCSqGSIb3DQEBCwUAMIGCMQswCQYDVQQGEwJI
VTERMA8GA1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1p
Y3Jvc2VjIGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdu
by5odTAeFw0xNTAyMDcxODAwMDBaFw0yNzAyMDcxODAwMDBaMIGCMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1lY3Jvc2Vj
IGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdnby5odTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAOL9JPdIVkWRiJJN96j4Jq8ZK3XnUnhXgqez
YXkmz48C5dYrnoQAvY/vKhIUP2iCwq6ZgleEz8EoiYrbHe1ypn6QYBVQnn+3NHl955e0bi+BGNiX
ju2TlRkHuGwxASymi8okvKax+sBZvNvSm+FuqBmbZ2D58Nkw46JlBSlDvri76nwjt5lC5S3Lu4N7
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I7eAFve6nR4p4BdoAxh/HqDfM22aMDdW61200yPLXhBSSMvqrhYob+pXzWKY2RuMLfPKDvMupE8m
pV8CAwEAAaOCAYYwggGCMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgbAMBYGA1UdJQEB/wQM
MAoGCCsGAQUFBwMIMEUGA1UdIAQ+MDww0gYOKwYBBAGBqBgCAQEBBwAwKDAmBggrBgEFBQcCARYa
aHR0cDovL2NwLmUtc3ppZ25vLmh1L3FjcHMwHQYDVR00BBYEFDUsz8Xye7JXIUiVQslban4x4uAn
MB8GA1UdIwQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRoMBsGA1UdEQQUMBKBEGluZm9AZS1zemln
bm8uaHUwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2NybC5lLXN6aWdnby5odS9yb290Y2EyMDA5
LmNybDBuBggrBgEFBQcBAQRiMGAwKwYIKwYBBQUHMAGGH2h0dHA6Ly9yb290Y2NzcDIwMDkuZS1z
emlnbm8uaHUwMQYIKwYBBQUHMAKGJWh0dHA6Ly93d3cuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5j
cnQwDQYJKoZIhvcNAQELBQADggEBAIh0qruqdRZqJBebUtwiReIdhB76C7cNcDvqEki6XOzBvyf6
7E81VA8+/JwUxvil0iDdjt3byaJCYZW1rucio12sGmElICShCvYAkdcpjVSFMUpPIdBITIojT1H+
FF0y0TC6KPPjmIDi5w+p4Ypq8CB5nldy4iFSkHb5ALueCq8lTqNI37ohwZP2+N/qshk3mVGmFLV+
GNcKfBbTjUay4LMDWcNo6AgdLVKCzaXrPuVHbjCyR5NbpB8hvSzzv2l6a0f3/OgrdUHZ3xmajvjp
27nKwBQ0+JF6nxjOSjEyukfgVGZdT3PN4JLFtEACuU/rFWd5mRVKt1rygV8sa6ROvIA=
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: https://tsa.e-szigno.hu/tsa2

https://btsa.e-szigno.hu/tsa2

2.2.88.1. Qualified e-Szigno TSA 2015 12

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name: *English:* Qualified e-Szigno TSA 2015 12

Hungarian: Qualified e-Szigno TSA 2015 12

Service digital identity: *Subject key identifier:*

35 2C CF C5 F2 7B B2 57 21 48 95 42 C9 5B 6A 7E 31 E2 E0 27

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2015-02-07T18:00:00.000Z   (07 Feb 2015 19:00:00 CET)

2.2.89. Qualified e-Szigno TSA 2016 01

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name:

English: Qualified e-Szigno TSA 2016 01

Hungarian: Qualified e-Szigno TSA 2016 01

Service digital identity:

Subject key identifier:

95 D1 4E F5 43 38 B9 AB 34 CC 68 8A 3A 6A A6 3D 48 F6 8A 7B

Service digital identity:

Version:

3

Serial number:

35 831 851 025 252 130 632 861 092 362 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2016 01,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

95 D1 4E F5 43 38 B9 AB 34 CC 68 8A 3A 6A A6 3D 48 F6 8A 7B

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2016-02-07T18:00:00.000Z   (07 Feb 2016 19:00:00 CET)

Valid to:

2028-02-07T18:00:00.000Z   (07 Feb 2028 19:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

45:E7:60:1E:3C:98:8E:8A:C8:9B:73:5C:07:3C:F2:C2:B8:32:F8:B1

SHA-256:

73:EA:9E:DF:E3:5C:FD:DD:B9:F6:52:26:C0:50:1B:65:A6:75:E5:66:8B:DC:97:36:B3:D3:4B:20:57:78:B5:1B

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100CECC49802A0253E15A9D19DB28B718D05CFACA2C3E5778F2E851AE3FD52116995DAE26EFE78F
0A2C096A60480B27C558E187AE3E826C51DBB8FF46705F3B34B450E6A07908F2EB1E409A256900C2952663D3386C42
CA2779B980E0A2C0AFC9A20040F1D161958F978B017A74DA64AEB31996A8031F2C9AA1744B88F903B90F79A64C8B1B
694E3FFCC0B89435617A143A5C7EC9046E870FD096FAB80D5F3596C7C5CF9E48AD1718D854ABAF0A7AA3D903CF5542
5460A0942A67F8E5CEFB9EB12BC482124C2FD6D412C09A6979B9B473AB308858C246FFEB3A860910C2DC5C09522F60
221345448B79203AD7D03D69B05389A722F1A5C325C7E95F85E9E3E2418B0203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.51.1.0

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

```
-----BEGIN CERTIFICATE-----
MIIFFDCCA/ygAwIBAgIMc8dpmEmq/3lGUgoKMA0GCSqGSIb3DQEBCwUAMIGCMQswCQYDVQQGEwJI
VTERMA8GA1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2Vj2VjIEx0ZC4xJzAlBgNVBAMMHk1p
Y3Jvc2VjIGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdu
by5odTAeFw0xNjAyMDcxODAwMDBaFw0yODAyMDcxODAwMDBaMIGCMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHhlF1YWxpZml
ZCBlLLVN6aWdubyBUU0EgMjAxNiAwMTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWduby5odTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAM7MSYAqAlPhWp0Z2yi3GNBc+sosPld48uhR
rj/VIRaZXa4m7+ePCiwJamBICyfFWOGHrj6CbFHbuP9GcF87NLRQ5qB5CPLrHkCaJWkAwpUmY9M4
bELKJ3m5gOCiwK/JogBA8dFhlY+XiwF6dNpkrrMZlqgDHyyaoXRLiPkDuQ95pkyLG2lOP/zAuJQl
YXoUOlx+yQRuhw/Qlvq4DV8llsfFz55IrRcY2FSrrwp6o9kDz1VCVGCglCpn+OXO+56xK8SCEkwv
1tQSwJppebm0c6swiFjCRv/r0oYJEMLcXAlSL2AiE0VEi3kgOtfQPWmwU4mnIvGlwyXH6V+F6ePi
QYsCAwEAAaOCAYYwggGCMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgbAMBYGA1UdJQEB/wQM
MAoGCCsGAQUFBwMIMEUGA1UdIAQ+MDww0gYOKwYBBAGBqBgCAQEzAQAwKDAmBggrBgEFBQcCARYa
aHR0cDovL2NwLmUtc3ppZ25vLmh1L3FjcHMwHQYDVR0OBBYEFJXRTvVDOLmrNMxoijpqpj1I9op7
MB8GA1UdIwQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRoMBsGA1UdEQQUMBKBEGluZm9AZS1zemln
bm8uaHUwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2NybC5lLXN6aWduby5odS9yb290Y2EyMDA5
LmNybDBuBggrBgEFBQcBAQRiMGAwKwYIKwYBBQUHMAGGH2h0dHA6Ly9yb290b2NzcDIwMDkuZS1z
emlnbm8uaHUwMQYIKwYBBQUHMAKGJWh0dHA6Ly93d3cuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5j
cnQwDQYJKoZIhvcNAQELBQADggEBAKsan0coVmHfwr+U63aLW51XcJ9a3jTuoNGLN144qeI4Rm0i
HakrFDqxuZ47fQZOHYdQOUuvSk9aMcGMKTIe5CzchpAZxfp+3qD8oPJnMJnJTreu3VYHV68GijSX
47NAIvJiwpZQsnYlPH3haCyBj3EAaojYAh4ikFrWYGRSn5OKrRVNOOcwkwfFk34MTH0ATmIDnWHY
+g21Q6j8z5p8rYL41jSosCv+cOzETjEhUYLanmDJC8Kwyd8w4UjhSfMw7kT/guu4H71cBGcGprb4
DF2tJ58RTUtNC42AcOIQhz2NVG+qGOHtqHbshGUFt2QLPcoEOZKuowcTXmsYks8dzUQ=
-----END CERTIFICATE-----
```

Service status:	http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time:	2016-06-30T22:00:00.000Z (01 Jul 2016 00:00:00 CEST)
Service supply points:	https://tsa.e-szigno.hu/tsa2
	https://btsa.e-szigno.hu/tsa2

2.2.89.1. Qualified e-Szigno TSA 2016 01

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name: *English:* Qualified e-Szigno TSA 2016 01

Hungarian: Qualified e-Szigno TSA 2016 01

Service digital identity: *Subject key identifier:*

95 D1 4E F5 43 38 B9 AB 34 CC 68 8A 3A 6A A6 3D 48 F6 8A 7B

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2016-02-07T18:00:00.000Z   (07 Feb 2016 19:00:00 CET)

2.2.90. Qualified e-Szigno TSA 2015 01

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/TSS-AdESQCandQES

A time-stamping service, not qualified, as part of a service from a trust service provider that issues time-stamp tokens (TST) that can be used in the validation process of qualified signatures/seals or advanced signatures/seals supported by qualified certificates to ascertain and extend the signature/seal validity when the qualified certificate is (will be) revoked or expired (will expire).

Service name:

English: Qualified e-Szigno TSA 2015 01

Hungarian: Qualified e-Szigno TSA 2015 01

Service digital identity: *Subject key identifier:*

AB 93 27 AE 94 82 F1 57 01 67 C9 02 92 B9 3D A4 C5 04 A8 75

Service digital identity: *Version:*

3

Serial number:

28 988 436 988 859 859 858 430 458 634 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2015 01,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

AB 93 27 AE 94 82 F1 57 01 67 C9 02 92 B9 3D A4 C5 04 A8 75

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2015-02-07T18:00:00.000Z   (07 Feb 2015 19:00:00 CET)

Valid to:

2027-02-07T18:00:00.000Z   (07 Feb 2027 19:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

01:59:E0:01:42:61:C6:16:2B:07:3D:56:01:DF:6F:4A:D9:45:A1:2D

SHA-256:

AA:01:D5:1B:ED:F3:BF:7A:91:34:6B:1F:94:A3:69:69:93:FD:F9:66:D5:E6:1A:13:F8:E7:B3:3F:9B:23:E6:A3

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A028201010098339D692F1B726ECCCBCC5C3B30CB34F5FB94DF96DB6D10B3D1A5F953022342C560FF7384CF
950944FBCA6684AB0F12CF3053031737ED8CA412E8A183611DAFA1920F5EF3083EB90A89CC3B4FBB6ECA3991CE9625
C7A85A05308AA7450B48A2813F68FF5BD5255F2C3EE675159DF36E9E54DA1C5F36E137CCF0D2218BE54A3D3A36534B
972BF9D09D40A31C10421EDF8B560A84409C8FE6772CA631309F05BAB9E705789FD4386B78F15D1C66A7E60F847574
4A6636A60225119E5E14CB1416F1EB6F514483A0E4459EF896DC3F0E1802934EE1485B7670256783D840010D44C34D
A7A63F5446AFAE3A825A32996D96AB1144572B709A8BA8B94B4D30BF2E830203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.7.0

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIFFDCCA/ygAwIBAgIMXaqsTgOY1Bg0zXsKMA0GCSqGSIb3DQEBCwUAMIGCMQswCQYDVQQGEwJI
VTERMA8GA1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1p
Y3Jvc2VjIGUtU3ppZ25vIEFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdu
by5odTAeFw0xNTAyMDcxODAwMDBaFw0yNzAyMDcxODAwMDBaMIGCMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1lYWxpZmll
ZCBlLLVN6aWdubyBUU0EgMjAxNSAwMTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdubyou5odTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAJgznWkvG3JuzMvMXDswyzT1+5TflttttELPR
pflTAiNCxWD/c4TPlQlE+8pmhKsPEs8wUwMXN+2MpBLooYNhHa+hkg9e8wg+uQqJzDtPu27K0ZHO
liXHqFoFMIqnRQtIooE/aP9b1SVfLD7mdRWd826eVNocXzbhN8zw0iGL5Uo90jZT55cr+dCdQKMc
EEIe34tWCoRAnI/mdyymMTCfBbq55wV4n9Q4a3jxXRxmp+YPhHV0SmY2pgIlEZ5eFMsUFvHrb1FE
g6DkRZ74ltw/DhgCk07hSFt2cCVng9hAAQ1Ew02npj9URq+uOoJaMpltlqsRRFcrcJqLqLlLTTC/
LoMCAwEAAaOCAYYwggGCMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgbAMBYGA1UdJQEB/wQM
MAoGCCsGAQUFBwMIMEUGA1UdIAQ+MDwwOgYOKwYBBAGBqBgCAQEBBwAwKDAmBggrBgEFBQcCARYa
aHR0cDovL2NwLmUtc3ppZ25vLmh1L3FjcHMwHQYDVR00BBYEFKuTJ66UgvFXAWfJApK5PaTFBKh1
MB8GA1UdIwQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRoMBsGA1UdEQQUMBKBEGluZm9AZS1zemln
bm8uaHUwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2NybC5lLXN6aWduby5odS9yb290Y2EyMDA5
LmNybDBuBggrBgEFBQcBAQRiMGAwKwYIKwYBBQUHMAGGH2h0dHA6Ly9yb290b2NzcDIwMDkuZS1z
emlnbm8uaHUwMQYIKwYBBQUHMAKGJWh0dHA6Ly93d3cuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5j
cnQwDQYJKoZIhvcNAQELBQADggEBAIKsU4aWwaGUYL06or1lf6+ty8Y6pEpyt0xZDvy7jlilysg6
D03vynxqwNa3rTpzPe2I/GMYeoxyb68myZRHyDfDek/EImq1aUzKKAAdPKI9GiVm4xmzMnzNyiWA
dW6CL9gZO6E/Y+0g/K7y1W1GqIKdBv43XQszK3TQUlN449108Qju1EjrzSpI1jL12QhXX0PJxfcU
ZIyN1/hfukFPWtllc3GRh5v0z4ACsaiteTsf2REx9uszs7KVbIjW4/E4jloMbtYutTr2OuqzgGID
CqlMSzG3YD1NgiLFdzt/ZgDycVjDkweywx/7MzyKJyJSXeC0jaM/NXWLG+BkeBYGelY=
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/recognisedatnationallevel

For trust services listed under a service type specified in clause 5.5.1.2: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved" status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in Regulation (EU) No 910/2014 and the applicable national legislation.
For NationalRootCA-QC type: The service is set by national law in accordance with the applicable European legislation and operated by the responsible national body issuing root-signing or qualified certificates to accredited trust service providers.
For other trust services listed under a service type specified in clause 5.5.1.3: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved"status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in the applicable national legislation.

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service information extensions:

Extension 1/1, non-critical:

<tsl:AdditionalServiceInformation xmlns:tsl="http://uri.etsi.org/02231/v2#">
<tsl:URI
xml:lang="en">http://www.nmhh.hu/tl/ServiceStatus/QualifiedatNationalLevel</tsl:URI>
</tsl:AdditionalServiceInformation>

Extension 1/1, non-critical:

<tsl:AdditionalServiceInformation xmlns:tsl="http://uri.etsi.org/02231/v2#">
<tsl:URI
xml:lang="en">http://www.nmhh.hu/tl/ServiceStatus/QualifiedatNationalLevel</tsl:URI>
</tsl:AdditionalServiceInformation>

2.2.91. Qualified e-Szigno TSA 2015 02

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/TSS-AdESQCandQES

> *A time-stamping service, not qualified, as part of a service from a trust service provider that issues time-stamp tokens (TST) that can be used in the validation process of qualified signatures/seals or advanced signatures/seals supported by qualified certificates to ascertain and extend the signature/seal validity when the qualified certificate is (will be) revoked or expired (will expire).*

Service name:

English: Qualified e-Szigno TSA 2015 02

Hungarian: Qualified e-Szigno TSA 2015 02

Service digital identity: *Subject key identifier:*

13 F3 94 FD 81 9F 7B DD 92 10 3A 21 3F 5E 70 20 74 55 51 F1

Service digital identity: *Version:*

3

Serial number:

29 137 460 614 149 003 590 185 275 402 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2015 02,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

13 F3 94 FD 81 9F 7B DD 92 10 3A 21 3F 5E 70 20 74 55 51 F1

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2015-02-07T18:00:00.000Z   (07 Feb 2015 19:00:00 CET)

Valid to:

2027-02-07T18:00:00.000Z   (07 Feb 2027 19:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

6C:A1:12:13:52:F5:93:7F:A6:C2:EE:C2:BF:33:2B:9C:93:F8:F0:BC

SHA-256:

23:BE:88:8B:9A:C6:E8:7C:2B:27:BF:26:80:1C:87:72:C9:55:76:CC:7C:9B:FB:F2:97:3E:D4:F8:4D:01:B3:F3

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100A591C05054603152EF41A98E7DCCEC01041D612402B87E3D82DEC9AF8A1E3E86C732ACD3C66C
790EF211CA07F697CA32FB3404456CBC3009F5C3C7B2A48DFEAFCDB97EC33A9E4A7C3F3FD2CFF4E020983CF7E5AA52
4EF8E040910156EB16D8EEFEF871F9F85ACA3D7DBE0B063D259058EF8C92E838A74DF6EC422EEB133DDAC5CBA2EC69
A914DA5633A498331583FCF8DC07CDC1B89EC2F7E9F03CDB3BD9F9F79A3321F372E06F489328F9B98775A4ADE4860E
8BA3707EC7A738E09ED26F8407DA631F4AE65F4A1AE05067A88FCB53864F87CAC87332A6C307C48EDA0A67A10B6935
D44A422264EEC4618646341E87F4238B7C94B97236EE5AB949B64FE541F30203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.7.0

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIFFDCCA/ygAwIBAgIMXiXxSO22AnrBmFAKMA0GCSqGSIb3DQEBCwUAMIGCMQswCQYDVQQGEwJI
VTERMA8GA1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1p
Y3Jvc2VjIGUtU3ppZ25vIEFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdu
by5odTAeFw0xNTAyMDcxODAwMDBaFw0yNzAyMDcxODAwMDBaMIGCMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHh1F1YWxpZmll
ZCBlLVN6aWdubyBUU0EgMjAxNSAwMjEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWduby5odTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAKWRwfBUYDFS70Gpjn3M7AEEHWEkArh+PYLe
ya+KHj6GxzKs08ZseQ7yEcoH9pfKMvs0BEVsvDAJ9cPHsqSN/q/NuX7DOp5KfD8/0s/04CCYPPfl
qlJO+OBAkQFW6xbY7v74cfn4Wso9fb4LBj0lkFjvjJLoOKdN9uxCLusTPdrFy6LsaakU2lYzpJgz
FYP8+NwHzcG4nsL36fA82zvZ+feaMyHzcuBvSJMo+bmHdaSt5IYOi6NwfsenOOCe0m+EB9pjH0rm
X0oa4FBnqI/LU4ZPh8rIczKmwwfEjtoKZ6ELaTXUSkIiZO7EYYZGNB6H9COLfJS5cjbuWrlJtk/l
QfMCAwEAAaOCAYYwggGCMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgbAMBYGA1UdJQEB/wQM
MAoGCCsGAQUFBwMIMEUGA1UdIAQ+MDww0gYOKwYBBAGBqBgCAQEBBwAwKDAmBggrBgEFBQcCARYa
aHR0cDovL2NwLmUtc3ppZ25vLmh1L3FjcHMwHQYDVR00BBYEFBPzlP2Bn3vdkhA6IT9ecCB0VVHx
MB8GA1UdIwQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRoMBsGA1UdEQQUMBKBEGluZm9AZS1zemln
bm8uaHUwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2NybC5lLXN6aWdubY5odS9yb290Y2EyMDA5
LmNybDBuBggrBgEFBQcBAQRiMGAwKwYIKwYBBQUHMAGGH2h0dHA6Ly9yb290b2NzDIwMDkuZS1z
emlnbm8uaHUwMQYIKwYBBQUHMAKGJWh0dHA6Ly93d3cuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5j
cnQwDQYJKoZIhvcNAQELBQADggEBAF9+0E3lfL38fwnBmTJjNYxx1j7sz/gNNncdiC+0sXi0tQZw
B+K78CN9fWgyh3EqBNWtEEQSm3DfwzflBifOqJi19mVcMgAtd5G6kXhjg+EruaOEcxd+V4TittWu
ba2QPhCwzdEqsMtN7uQOZbmkb7T4BF2t5YUY605nofHuic77pkmJTsakcsmXkxLuolkUD4l9CYim
S3nd9J3lWxkqDVWk6PMfnC/WJIDk6XB8BSxPZFi9Nwucu3/him0BOKrTIpWA9wxRaK98hNu0STeo
V2DTkZTBN5GpCTFshbkRiX1MygNvlz3/TM7nj+sHj2F/+1FM84U/O9gDuO0I5UUKCSY=
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/recognisedatnationallevel

For trust services listed under a service type specified in clause 5.5.1.2: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved" status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in Regulation (EU) No 910/2014 and the applicable national legislation.

For NationalRootCA-QC type: The service is set by national law in accordance with the applicable European legislation and operated by the responsible national body issuing root-signing or qualified certificates to accredited trust service providers.

For other trust services listed under a service type specified in clause 5.5.1.3: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved"status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in the applicable national legislation.

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service information extensions:	*Extension 1/1, non-critical:*
	`<tsl:AdditionalServiceInformation xmlns:tsl="http://uri.etsi.org/02231/v2#">`
	`<tsl:URI xml:lang="en">http://www.nmhh.hu/tl/ServiceStatus/QualifiedatNationalLevel</tsl:URI>`
	`</tsl:AdditionalServiceInformation>`

2.2.92. Qualified e-Szigno TSA 2015 03

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/TSS-AdESQCandQES

> *A time-stamping service, not qualified, as part of a service from a trust service provider that issues time-stamp tokens (TST) that can be used in the validation process of qualified signatures/seals or advanced signatures/seals supported by qualified certificates to ascertain and extend the signature/seal validity when the qualified certificate is (will be) revoked or expired (will expire).*

Service name:

English: Qualified e-Szigno TSA 2015 03

Hungarian: Qualified e-Szigno TSA 2015 03

Service digital identity: *Subject key identifier:*

70 08 16 25 BA AC 93 0C 14 51 EF 2A FC AB 12 F0 74 6B A6 50

Service digital identity: *Version:*

3

Serial number:

29 678 605 170 626 207 038 353 124 618 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2015 03,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

70 08 16 25 BA AC 93 0C 14 51 EF 2A FC AB 12 F0 74 6B A6 50

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2015-02-07T18:00:00.000Z   (07 Feb 2015 19:00:00 CET)

Valid to:

2027-02-07T18:00:00.000Z   (07 Feb 2027 19:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

8C:B4:C2:D0:3B:AA:88:65:84:44:83:FF:6F:0B:F1:8B:FF:8C:BE:12

SHA-256:

C4:E3:B2:79:89:C7:64:F4:B6:A6:41:C4:DF:2E:0E:A0:7F:AD:A0:2A:A3:2E:65:AB:C2:BF:F1:F9:60:AC:EB:78

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100A19B1A384430F983303CB052261299531F7F86E2A45384928B673C30CA9063944921B5C707D9
00448D794B3C5B8463B253EA46F5AB111D2E41B2C1827C1DC2F7E26F60D7F2AB5E94BCB5162CD5D53045E144751EB4
201E3AABA19F92677C68260D8856A877C9E0402A5101597795EBC1CC4F7E1EDC0DB90BDE08673A0D2B7E529C67DAEA
FD31D180F26CEC4B6EFB99FE02EDEE80B367F29BD16DC7E6B8D53F1C6DB75565622F718F715D0C1AA3A506749CBB79
5DF17CFB699D77C0CE5F4AF25E55BCB2BEC72A496A62A9AE70FA7CD86F13B59C8AC093F5AF19C6B7D900F1AFB9F9AD
546C49541CF85BE537F43AE506B3081CFB2438173E7C94AB962B4C6F93250203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.7.0

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIFFDCCA/ygAwIBAgIMX+WRGh3bACbDay0KMA0GCSqGSIb3DQEBCwUAMIGCMQswCQYDVQQGEwJI
VTERMA8GA1UEBwwIQnVkYXBlc3QQxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1p
Y3Jvc2VjIGUtU3ppY25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdu
by5odTAeFw0xNTAyMDcxODAwMDBaFw0yNzAyMDcxODAwMDBaMIGCMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QQxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHhlF1YWxpZml
ZCBlLLVN6aWdubyBUU0EgMjAxNSAwMzEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWduby5odTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAKGbGjhEMPmDMDywUiYSmVMff4bipFOEkotn
PDDKkGOUSSG1xwfZAESNeUs8W4RjslPqRvWrER0uQbLBgnwdwvfib2DX8qtelLy1FizVlTBF4UR1
HrQgHjqroZ+SZ3xoJg2IVqh3yeBAKlEBWXeV68HMT34e3A25C94IZzoNK35SnGfa6v0x0YDybOxL
bvuZ/gLt7oCzZ/Kb0W3H5rjVPxxtt1VlYi9xj3FdDBqjpQZ0nLt5XfF8+2mdd8DOX0ryXlW8sr7H
KklqYqmucPp82G8TtZyKwJP1rxnGt9kA8a+5+a1UbElUHPhb5Tf0OuUGswgc+yQ4Fz58lKuWK0xv
kyUCAwEAAaOCAYYwggGCMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgbAMBYGA1UdJQEB/wQM
MAoGCCsGAQUFBwMIMEUGA1UdIAQ+MDww0gYOKwYBBAGBqBgCAQEBBwAwKDAmBggrBgEFBQcCARYa
aHR0cDovL2NwLmUtc3ppZ25vLmh1L3FjcHMwHQYDVR00BBYEFHAIFiW6rJMMFFHvKvyrEvB0a6ZQ
MB8GA1UdIwQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRoMBsGA1UdEQQUMBKBEGluZm9AZS1zemln
bm8uaHUwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2NybC5lLXN6aWduby5odS9yb290Y2EyMDA5
LmNybDBuBggrBgEFBQcBAQRiMGAwKwYIKwYBBQUHMAGGH2h0dHA6Ly9yb290b2NzcDIwMDkuZS1z
emlnbm8uaHUwMQYIKwYBBQUHMAKGJWh0dHA6Ly93d3cuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5j
cnQwDQYJKoZIhvcNAQELBQADggEBAHdS8ptvtitVrd5zCK6C99y88naFRs8oaI+bxUVzJ/VLUfN
12HklpCwEraLbTLEA2d4+dVgo4TsQZ/C7LBQKjaR7hQIgfbxJS8JEzfpikrhXYip064+T7q7a7sp
JNLvx9Dh4LU0NQHbl6SvBbNQ6MPOWIW2W82aZxrId0ITeN84bEoTqtxHpO5+Pkd26Z+KK7ZRmZmL
tly7FpgO7GDzGGFUC2v4vXh580yE+lhiu6IwJQ7eT2wJQm1JSYLjaSjkvLe98ERiUYt9ITVNHMXn
LJ9nKps0HsZ3TwZRPBfQWhBxNAVhPlMHIJHZd8OTZY+MK1q+BEG7MoIiEwszxIjXt0A=
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/recognisedatnationallevel

For trust services listed under a service type specified in clause 5.5.1.2: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved" status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in Regulation (EU) No 910/2014 and the applicable national legislation.
For NationalRootCA-QC type: The service is set by national law in accordance with the applicable European legislation and operated by the responsible national body issuing root-signing or qualified certificates to accredited trust service providers.
For other trust services listed under a service type specified in clause 5.5.1.3: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved"status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in the applicable national legislation.

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service information extensions:	*Extension 1/1, non-critical:*
	`<tsl:AdditionalServiceInformation xmlns:tsl="http://uri.etsi.org/02231/v2#">` `<tsl:URI xml:lang="en">http://www.nmhh.hu/tl/ServiceStatus/QualifiedatNationalLevel</tsl:URI>` `</tsl:AdditionalServiceInformation>`

2.2.93. Qualified e-Szigno TSA 2015 04

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/TSS-AdESQCandQES

> *A time-stamping service, not qualified, as part of a service from a trust service provider that issues time-stamp tokens (TST) that can be used in the validation process of qualified signatures/seals or advanced signatures/seals supported by qualified certificates to ascertain and extend the signature/seal validity when the qualified certificate is (will be) revoked or expired (will expire).*

Service name:

English: Qualified e-Szigno TSA 2015 04

Hungarian: Qualified e-Szigno TSA 2015 04

Service digital identity: *Subject key identifier:*

87 52 A9 B2 05 96 6E 5D 5A 82 3E 08 FE C1 4E 26 63 40 DD C5

Service digital identity: *Version:*

3

Serial number:

29 814 364 919 430 082 456 747 422 986 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2015 04,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

87 52 A9 B2 05 96 6E 5D 5A 82 3E 08 FE C1 4E 26 63 40 DD C5

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2015-02-07T18:00:00.000Z   (07 Feb 2015 19:00:00 CET)

Valid to:

2027-02-07T18:00:00.000Z   (07 Feb 2027 19:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

6E:6E:5D:28:59:A4:3C:3D:6D:52:9F:74:B5:A5:15:26:07:C2:A7:FE

SHA-256:

3A:BE:48:5F:76:9B:A8:83:41:1F:58:1D:51:73:96:4F:4F:2C:35:58:99:FF:33:B6:A8:04:70:50:59:BD:05:6C

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100E151805DD8513366C28C1B7DCD713AA52597D88DDB83A32F81BB476DBD762868506BC6FAD416
049FCF9DBFF46722A2D5B7DC8EC1C2748233673E5A043F1B18CD73DF6895F72BF052253CAC3F3B4ACF4CA1E2AD9640
7E179EEBDE6B314FE87FC39E75C313FB80F5B0A9D1C79E9C7716F1AF9ED8B1132EE69E772D2D5CAD8CEA0302D98442
05E84724DC0482298132B4EA70EAF82404E525B3C6AA46E10B148517730D4E1F744636E5BF618D040193181CD979B6
8C9FACE34DD44FD1972E11B16FD526FD979BB681155F1938D1F82EE1050AC4EBA170F2645D6325B77D85815440BEDA
5B38F68225D31C51A80A3257B95F693CEEB6E360FFC65A98A2E706FA1C130203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.7.0

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIFFDCCA/ygAwIBAgIMYFXdWNiZDHnkCrUKMA0GCSqGSIb3DQEBCwUAMIGCMQswCQYDVQQGEwJI
VTERMA8GA1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1p
Y3Jvc2VjIGUtU3ppZ25vIEFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdu
by5odTAeFw0xNTAyMDcxODAwMDBaFw0yNzAyMDcxODAwMDBaMIGCMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1f1YWxpZmll
ZCBlLVN6aWdubyBUU0EgMjAxNSAwNDEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdubby5odTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAOFRgF3YUTNmwowbfc1xOqUll9iN24OjL4G7
R229dihoUGvG+tQWBJ/Pnb/0ZyKilbfcjsHCdIIzZz5aBD8bGM1z32iV9yvwUiU8rD87Ss9MoeKt
lkB+F57r3msxT+h/w551wxP7gPWwqdHHnpx3FvGvntixEy7mnnctLVytjOoDAtmEQgXoRyTcBIIp
gTK06nDq+CQE5SWzxqpG4QsUhRdzDU4fdEY25b9hjQQBkxgc2Xm2jJ+s403UT9GXLhGxb9Um/Zeb
toEVXxk40fgu4QUKxOuhcPJkXWMlt32FgVRAvtpbOPaCJdMcUagKMle5X2k87rbjYP/GWpii5wb6
HBMCAwEAAaOCAYYwggGCMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgbAMBYGA1UdJQEB/wQM
MAoGCCsGAQUFBwMIMEUGA1UdIAQ+MDwwOgYOKwYBBAGBqBgCAQEBBwAwKDAmBggrBgEFBQcCARYa
aHR0cDovL2NwLmUtc3ppZ25vLmh1L3FjcHMwHQYDVR00BBYEFIdSqbIFlm5dWoI+CP7BTiZjQN3F
MB8GA1UdIwQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRoMBsGA1UdEQQUMBKBEGluZm9AZSlzemln
bm8uaHUwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2NybC5lLXN6aWdubu5odS9yb290Y2EyMDA5
LmNybDBuBggrBgEFBQcBAQRiMGAwKwYIKwYBBQUHMAGGH2h0dHA6Ly9yb290b2NzcDIwMDkuZS1z
emlnbm8uaHUwMQYIKwYBBQUHMAKGJWh0dHA6Ly93d3cuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5j
cnQwDQYJKoZIhvcNAQELBQADggEBAHulW5jS+qFy2VBwet9PH97R6/N2ndzCxfUBbl2ofHF/gl+l
OcyFdmMzIY15dM6i6reQBsZ8xp02VdTQGGugQKwsNaPoFw8VLHG4JEpmInHq4wNVh9BIyvtb84Ao
6FCRb1WyV6PI/pLBpKMv652d9KUiuFGP5+p9spO8qoKe9jXbG8ASnnR1aEXLBvHs/GOf0vjazPm7
Rklj9LHZ3vHRXdse2TdC37/z2zK3X2qcPCHsVjtjQrn5aX9xMDKU5dvaB3QECIrlsZ8KudWv2uS2
G0z49PYEBEpUr402aYCffhFMB2MNF4EjgM4BXA2ue4PSs4P5QnT/ET5NItPSmRpirIE=
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/recognisedatnationallevel

For trust services listed under a service type specified in clause 5.5.1.2: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved" status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in Regulation (EU) No 910/2014 and the applicable national legislation.

For NationalRootCA-QC type: The service is set by national law in accordance with the applicable European legislation and operated by the responsible national body issuing root-signing or qualified certificates to accredited trust service providers.

For other trust services listed under a service type specified in clause 5.5.1.3: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved"status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in the applicable national legislation.

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service information extensions:

Extension 1/1, non-critical:

```
<tsl:AdditionalServiceInformation xmlns:tsl="http://uri.etsi.org/02231/v2#">
<tsl:URI xml:lang="en">http://www.nmhh.hu/tl/ServiceStatus/QualifiedatNationalLevel</tsl:URI>
</tsl:AdditionalServiceInformation>
```

Extension 1/1, non-critical:

```
<tsl:AdditionalServiceInformation xmlns:tsl="http://uri.etsi.org/02231/v2#">
<tsl:URI xml:lang="en">http://www.nmhh.hu/tl/ServiceStatus/QualifiedatNationalLevel</tsl:URI>
</tsl:AdditionalServiceInformation>
```

2.2.94. Qualified e-Szigno TSA 2015 05

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/TSS-AdESQCandQES

A time-stamping service, not qualified, as part of a service from a trust service provider that issues time-stamp tokens (TST) that can be used in the validation process of qualified signatures/seals or advanced signatures/seals supported by qualified certificates to ascertain and extend the signature/seal validity when the qualified certificate is (will be) revoked or expired (will expire).

Service name:

English: Qualified e-Szigno TSA 2015 05

Hungarian: Qualified e-Szigno TSA 2015 05

Service digital identity: *Subject key identifier:*

FC C7 81 3B AB 16 EB 4B 98 3D A3 BD 34 2D F1 2B DD BF B9 64

Service digital identity: *Version:*

3

Serial number:

30 200 738 185 043 829 734 970 094 346 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2015 05,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

FC C7 81 3B AB 16 EB 4B 98 3D A3 BD 34 2D F1 2B DD BF B9 64

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2015-02-07T18:00:00.000Z   (07 Feb 2015 19:00:00 CET)

Valid to:

2027-02-07T18:00:00.000Z   (07 Feb 2027 19:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

D1:B0:3F:44:C7:31:28:BC:20:58:08:6B:61:61:3F:7B:80:7A:C4:F4

SHA-256:

7B:F2:5E:C8:AD:31:9A:B7:1D:49:22:FB:CE:29:D0:2E:54:2D:DC:FD:65:0F:41:A5:41:19:02:D5:56:03:D9:FC

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100B7F5FF2757B948029780EF6BC5A509DC4AD673482477E98C88D55FA6185ED60A028AA9493800
72AC0B49D1F5B2E70BA3B7618CFA2945B3A3A67867140EE47DF55C3393D7CD108C690FCF26A4C768700710F5EF643D
77A2D8D4F942917D8EF5A8E860C4C999084AD37D9EC78C39500C93B7644AB3CC2C7AF9DE26B9B72C303B939753CEC3
A9D30A03EBB6B8E5EEE4A8B3B132145A17FC8A1EB000180EC0957946FB03237C7F4AAA3D184B601390D4EC05026126
41EF583247598D285E6AB0978187A17D9EC4D249F58161F11297F2E4303F22952881AE631C667CD6D07B81759F917E
4D103DC62AD35C17090A38987C272AF74A473024B34CC4CF1883BD5A32990203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.7.0

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIFFDCCA/ygAwIBAgIMYZV3EYtl0/IgAfMKMA0GCSqGSIb3DQEBCwUAMIGCMQswCQYDVQQGEwJI
VTERMA8GA1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1p
Y3Jvc2VjIGUtU3ppZ25vIEFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdu
by5odTAeFw0xNTAyMDcxODAwMDBaFw0yNzAyMDcxODAwMDBaMIGCMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1lYWxpZmll
ZCBlLVN6aWdubyBUU0EEgMjAxNSAwNTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWduby5odTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBALf1/ydXuUgCl4Dva8WlCdxK1nNIJHfpjIjV
X6YYXtYKAoqpSTgAcqwLSdH1sucLo7dhjPopRbOjpnhnFA7kffVcM5PXzRCMaQ/PJqTHaHAHEPXv
ZD13otjU+UKRfY71qOhgxMmZCErTfZ7HjDlQDJO3ZEqzzCx6+d4mubcsMDuTl1POw6nTCgPrtrjl
7uSos7EyFFoX/IoesAAYDsCVeUb7AyN8f0qqPRhLYBOQlOwFAmEmQe9YMkdZjShearCXgYehfZ7E
0kn1gWHxEpfy5DA/IpUoga5jHGZ8ltB7gXWfkX5NED3GKtNcFwkKOJh8Jyr3SkcwJLNMxM8Yg71a
MpkCAwEAAaOCAYYwggGCMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgbAMBYGA1UdJQEB/wQM
MAoGCCsGAQUFBwMIMEUGA1UdIAQ+MDwwOgYOKwYBBAGBqBgCAQEBBwAwKDAmBggrBgEFBQcCARYa
aHR0cDovL2NwLmUtc3ppZ25vLmh1L3FjcHMwHQYDVR00BBYEFPzHgTurFutLmD2jvTQt8Svdv7lk
MB8GA1UdIwQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRoMBsGA1UdEQQUMBKEGluZm9AZS1zemln
bm8uaHUwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2NybC5lLXN6aWduby5odS9yb290Y2EyMDA5
LmNybDBuBggrBgEFBQcBAQRiMGAwKwYIKwYBBQUHMAGGH2h0dHA6Ly9yb290b2NzcDIwMDkuZS1z
emlnbm8uaHUwMQYIKwYBBQUHMAKGJWh0dHA6Ly93d3cuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5j
cnQwDQYJKoZIhvcNAQELBQADggEBADUKADwmMdn8iEwTUtkrRhHqOQLjGFB3VYmv+W7fVt8ZE9jn
YaDA8E1AlBUzn0s/1r/AMnEWpwPninKzNEF2T7v/iuEAW9F2Ee3i9aV4BnDLLAioyEu9aBwgcoPQ
MSw2IfHKtLNNS8yyrXLXC/0KUfq8qV6Vsxfg3SGMvRg33ncaAOdtJRSC0HE18bxmyl8hZwP2ycKx
lE0LmW5V8urUOAqzPk+My2r7sMR2+Mjwjuq3m/lfvtWs3sRA7yvhDQb6DCP2Ch9RuhUbxHZXqRRn
nlCmRXyBhq1mKlhIuKG2ZtPV7gjEGWeI+sZst8GfMjZtE/5pAvP8nl7lfMQTF7l85Q0=
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/recognisedatnationallevel

For trust services listed under a service type specified in clause 5.5.1.2: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved" status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in Regulation (EU) No 910/2014 and the applicable national legislation.

For NationalRootCA-QC type: The service is set by national law in accordance with the applicable European legislation and operated by the responsible national body issuing root-signing or qualified certificates to accredited trust service providers.

For other trust services listed under a service type specified in clause 5.5.1.3: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved"status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in the applicable national legislation.

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service information extensions:	*Extension 1/1, non-critical:*

	`<tsl:AdditionalServiceInformation xmlns:tsl="http://uri.etsi.org/02231/v2#">`
	`<tsl:URI`
	`xml:lang="en">http://www.nmhh.hu/tl/ServiceStatus/QualifiedatNationalLevel</tsl:URI>`
	`</tsl:AdditionalServiceInformation>`

	Extension 1/1, non-critical:

	`<tsl:AdditionalServiceInformation xmlns:tsl="http://uri.etsi.org/02231/v2#">`
	`<tsl:URI`
	`xml:lang="en">http://www.nmhh.hu/tl/ServiceStatus/QualifiedatNationalLevel</tsl:URI>`

2.2.95. Qualified e-Szigno TSA 2015 06

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/TSS-AdESQCandQES

A time-stamping service, not qualified, as part of a service from a trust service provider that issues time-stamp tokens (TST) that can be used in the validation process of qualified signatures/seals or advanced signatures/seals supported by qualified certificates to ascertain and extend the signature/seal validity when the qualified certificate is (will be) revoked or expired (will expire).

Service name:

English: Qualified e-Szigno TSA 2015 06

Hungarian: Qualified e-Szigno TSA 2015 06

Service digital identity: *Subject key identifier:*

05 41 35 F8 5C 42 30 89 C7 D0 1C 56 1B 85 8B 27 F1 89 2C 99

Service digital identity: *Version:*

3

Serial number:

30 590 107 138 710 788 649 920 953 866 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2015 06,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

05 41 35 F8 5C 42 30 89 C7 D0 1C 56 1B 85 8B 27 F1 89 2C 99

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2015-02-07T18:00:00.000Z   (07 Feb 2015 19:00:00 CET)

Valid to:

2027-02-07T18:00:00.000Z   (07 Feb 2027 19:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

BB:87:EB:91:16:11:72:E7:0E:58:F7:93:D2:89:84:B7:DD:48:0F:E4

SHA-256:

15:10:DE:F1:B9:3C:E9:9B:C2:5F:0B:31:8C:55:EA:29:C2:3C:F9:EC:0E:5C:98:3E:9A:50:D4:DC:25:5A:28:53

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100C1CBDBB6D10B7C3738256CF2D9E5C2502E3CF41CA05BA49F7C27F10450E1B7F56AF45FE58559
7A51185293936AC7E88EBE6D695D9BB6615E1D17D588BE8CEEBF6527D88DD9226845FB7CD12E30534D63AB62393ADB
9C86AA697223ABCA03516FC94968B6F8B5F17F8B20279666D8CC8406F3E90DBC0FDD3035D8D05A1215F0623CFD5A15
435A2181F4BE0E788947C6819C4D905FA6B966D519AC5479FE6E5E972C1332EECE8B5D95419F1B5D501C4B1AA4362E
DB82FED6659156F52D428BB43052959AC1DE035E6F06CC22AC2C555D35AE77A23121E17BCC9B520AD3DE63D1FBEA64
F660E5A54B02A3CE458C94E154FD41902B089193A913D3BA52CC527CE8ED0203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.7.0

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIFFDCCA/ygAwIBAgIMYteLJtFWq9tjsv4KMA0GCSqGSIb3DQEBCwUAMIGCMQswCQYDVQQGEwJI
VTERMA8GA1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1p
Y3Jvc2VjIGUtU3ppZ25vIEFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdu
by5odTAeFw0xNTAyMDcxODAwMDBaFw0yNzAyMDcxODAwMDBaMIGCMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1lY3Jvc2Vj
ZCBlLVN6aWdubyBUU00EgMjAxNSAwNjEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdubby5odTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAMHL27bRC3w3OCVs8tnlwLAuPPQcoFukn3wn
8QRQ4bflavRf5YVZelEYUpOTasfojr5taV2btmFeHRfViL6M7r9lJ9iN2SJoRft80S4wU01jq2I5
OtuchqppciOrygNRb8lJaLb4tfF/iyAnlmbYzIQG8+kNvA/dMDXY0FoSFfBiPP1aFUNaIYH0vg54
iUfGgZxNkF+muWbVGaxUef5uXpcsEzLuzotdlUGfGl1QHEsapDYu24L+1mWRVvUtQou0MFKVmsHe
A15vBswirCxVXTWud6IxIeF7zJtSCtPeY9H76mT2YOWlSwKjzkWMlOFU/UGQKwiRk6kT07pSzFJ8
6O0CAwEAAaOCAYYwggGCMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgbAMBYGA1UdJQEB/wQM
MAoGCCsGAQUFBwMIMEUGA1UdIAQ+MDww0gYOKwYBBAGBqBgCAQEBBwAwKDAmBggrBgEFBQcCARYa
aHR0cDovL2NwLmUtc3ppZ25vLmh1L3FjcHMwHQYDVR00BBYEFAVBNfhcQjCJx9AcVhuFiyfxiSyZ
MB8GA1UdIwIQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRoMBsGA1UdEQQUMBKBEGluZm9AZS1zemln
bm8uaHUwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2NybC5lLXN6aWdubo5odS9yb290Y2EyMDA5
LmNybDBuBggrBgEFBQcBAQRiMGAwKwYIKwYBBQUHMAGGH2h0dHA6Ly9yb290Y2NzcDIwMDkuZS1z
emlnbm8uaHUwMQYIKwYBBQUHMAKGJWh0dHA6Ly93d3cuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5j
cnQwDQYJKoZIhvcNAQELBQADggEBAGpj+iXDNI9nwy/04EBfafhf6wHjL+bXG8ihAu1LauTM3OUS
8kJrMPGTD1GbbCdMVJ1a07nmujVWyrRu4ibfTZf0tOiHNKjqESRPUwlyICIY62dMwsVKocTcQHDR
4mnElmO32xMzn5PFPmnz9ny/Bn/j1E85hbVeVLM7dIpoeILrNmQt5RQv9qw/mz2NvizaoaNbKzk5
8suxejLQMJD+GGNKouqtEFt8rbGZdRIKiXlh51yjdotWJToie1xwH+D3jtxRBXcj084BWX2/psf5
DTYIc0pRPORT/TvIwfjtKJZ3+ODQyCURcnntfG9NhOpTun+I/JxL/9wAllpf/gT4Fms=
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/recognisedatnationallevel

For trust services listed under a service type specified in clause 5.5.1.2: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved" status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in Regulation (EU) No 910/2014 and the applicable national legislation.
For NationalRootCA-QC type: The service is set by national law in accordance with the applicable European legislation and operated by the responsible national body issuing root-signing or qualified certificates to accredited trust service providers.
For other trust services listed under a service type specified in clause 5.5.1.3: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved"status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in the applicable national legislation.

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service information extensions:	*Extension 1/1, non-critical:*

	`<tsl:AdditionalServiceInformation xmlns:tsl="http://uri.etsi.org/02231/v2#">`
	 `<tsl:URI xml:lang="en">http://www.nmhh.hu/tl/ServiceStatus/QualifiedatNationalLevel</tsl:URI>`
	 `</tsl:AdditionalServiceInformation>`

	Extension 1/1, non-critical:

	`<tsl:AdditionalServiceInformation xmlns:tsl="http://uri.etsi.org/02231/v2#">`
	 `<tsl:URI xml:lang="en">http://www.nmhh.hu/tl/ServiceStatus/QualifiedatNationalLevel</tsl:URI>`
	 `</tsl:AdditionalServiceInformation>`

2.2.96. Qualified e-Szigno TSA 2015 07

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/TSS-AdESQCandQES

> *A time-stamping service, not qualified, as part of a service from a trust service provider that issues time-stamp tokens (TST) that can be used in the validation process of qualified signatures/seals or advanced signatures/seals supported by qualified certificates to ascertain and extend the signature/seal validity when the qualified certificate is (will be) revoked or expired (will expire).*

Service name:

English: Qualified e-Szigno TSA 2015 07

Hungarian: Qualified e-Szigno TSA 2015 07

Service digital identity: *Subject key identifier:*

7D BB 46 C8 DB E1 0E 51 B9 A5 25 D6 2D EC FD 2D 45 BF 16 1A

Service digital identity: *Version:*

3

Serial number:

30 773 203 498 600 647 708 288 423 690 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2015 07,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

7D BB 46 C8 DB E1 0E 51 B9 A5 25 D6 2D EC FD 2D 45 BF 16 1A

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2015-02-07T18:00:00.000Z   (07 Feb 2015 19:00:00 CET)

Valid to:

2027-02-07T18:00:00.000Z   (07 Feb 2027 19:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

51:29:D5:9F:D9:81:08:A1:46:F9:45:10:DE:A6:37:D6:53:CC:47:CA

SHA-256:

64:E5:EE:BE:70:C9:33:02:F0:DE:BF:B8:46:D4:E5:30:2C:04:1B:99:DA:F4:6A:EE:DB:BC:28:CE:02:05:7C:18

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100BBD31EB99A19608BD2310BF03748B1D91C0A78341972457EF87AADAE4873B35F23AA947C22E0
90881673434476E6968ACFABE4D459A980F22C450E640748805036C9E7680D469F9B54B2A340BDA46E8607D1B52B75
90181DBE1070E4F60881EB97F4B76FCE55AA8952BBD9D286C9100D6ADBB79EED55C48444C80F4BC0E8C3985F980FB5
86D0CE31E5EE9DAD7750FFC43F7F5F740AC44F21C93A7215C21B23358869C9E7936D0E22F8C7C838FB44511F63F482
300CC2B4BE135890731026C05C976D61170ED9E6C517928803C35B21B6F1E68AA332DF97CA4155A340F1018EE45B77
B76B49ACD1D6CAA88D5DC184408A23B8669945980049480A2C81A3A59AE70203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.1.7.0

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIFFDCCA/ygAwIBAgIMY27/UGBF8/YGFxcKMA0GCSqGSIb3DQEBCwUAMIGCMQswCQYDVQQGEwJI
VTERMA8GA1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1p
Y3Jvc2VjIGUtU3ppZ25vIEFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdu
by5odTAeFw0xNTAyMDcxODAwMDBaFw0yNzAyMDcxODAwMDBaMIGCMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1lYWxpZmll
ZCBlLVN6aWdubyBUU0EgMjAxNSAwNzEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWduby5odTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBALvTHrmaGWCL0jEL8DdIsdkcCng0GXJFfvh6
ra5Ic7NfI6qUfCLgkIgWc0NEduaWis+r5NRZqYDyLEU0ZAdIgFA2yedoDUafm1Syo0C9pG6GB9G1
K3WQGB2+EHDk9giB65f0t2/OVaqJUrvZ0obJEA1q27ee7VXEhETID0vA6MOYX5gPtYbQzjHl7p2t
d1D/xD9/X3QKxE8hyTpyFcIbIzWIacnnk20OIvjHyDj7RFEfY/SCMAzCtL4TWJBzECbAXJdtYRcO
2ebFF5KIA8NbIbbx5oqjMt+XykFVo0DxAY7kW3e3a0ms0dbKqI1dwYRAii04ZplFmABJSAosga0l
mucCAwEAAaOCAYYwggGCMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgbAMBYGA1UdJQEB/wQM
MAoGCCsGAQUFBwMIMEUGA1UdIAQ+MDwwOgYOKwYBBAGBqBgCAQEBBwAwKDAmBggrBgEFBQcCARYa
aHR0cDovL2NwLmUtc3ppZ25vLmh1L3FjcHMwHQYDVR00BBYEFH27Rsjb4Q5RuaUli3s/S1FvxYa
MB8GA1UdIwQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRoMBsGA1UdEQQUMBKEGluZm9AZS1zemln
bm8uaHUwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2NybC5lLXN6aWduby5odS9yb290Y2EyMDA5
LmNybDBuBggrBgEFBQcBAQRiMGAwKwYIKwYBBQUHMAGGH2h0dHA6Ly9yb290Y2NzcDIwMDkuZS1z
emlnbm8uaHUwMQYIKwYBBQUHMAKGJWh0dHA6Ly93d3cuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5j
cnQwDQYJKoZIhvcNAQELBQADggEBABZmqTGXScR04BOAys8OIRgYgcmiVrchf/l9zZWXDRXBZjvh
d8GLiBvOFnIjOtRp4ZCjuXsVjiIUUPhF5i5xQNC+EsC6GXSG7oXVjbGOfcgh/3ApmF9gIKaPVszB
yU59Lz7xdSQb6nrd+WLLw/Z/uYPLQhLK/g+ak24EPRfPKpqDWN7kEpqCDRpHXf8U9gxtGoHMaxv4
Ot+K8H5vDSAvW+rGnSXcyKDEW0WhHf1ylX5ENvrZGhf8uRO2qTpFaKm3lVnXFp08jI6Lw2H2lu5y
SoEvGqhxslUqw58uD+eCfklMNcmWGUI8vgY7btaNxJlRA+ShCU3vIqS2BoNn4iWdldo=
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/recognisedatnationallevel

For trust services listed under a service type specified in clause 5.5.1.2: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved" status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in Regulation (EU) No 910/2014 and the applicable national legislation.

For NationalRootCA-QC type: The service is set by national law in accordance with the applicable European legislation and operated by the responsible national body issuing root-signing or qualified certificates to accredited trust service providers.

For other trust services listed under a service type specified in clause 5.5.1.3: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved"status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in the applicable national legislation.

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service information extensions:	*Extension 1/1, non-critical:*
	`<tsl:AdditionalServiceInformation xmlns:tsl="http://uri.etsi.org/02231/v2#">`
	`<tsl:URI`
	`xml:lang="en">http://www.nmhh.hu/tl/ServiceStatus/QualifiedatNationalLevel</tsl:URI>`
	`</tsl:AdditionalServiceInformation>`

Service information extensions:	*Extension 1/1, non-critical:*
	`<tsl:AdditionalServiceInformation xmlns:tsl="http://uri.etsi.org/02231/v2#">`
	`<tsl:URI`
	`xml:lang="en">http://www.nmhh.hu/tl/ServiceStatus/QualifiedatNationalLevel</tsl:URI>`

2.2.97. Qualified e-Szigno TSA 2016 01

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/TSS-AdESQCandQES

A time-stamping service, not qualified, as part of a service from a trust service provider that issues time-stamp tokens (TST) that can be used in the validation process of qualified signatures/seals or advanced signatures/seals supported by qualified certificates to ascertain and extend the signature/seal validity when the qualified certificate is (will be) revoked or expired (will expire).

Service name:

English: Qualified e-Szigno TSA 2016 01

Hungarian: Qualified e-Szigno TSA 2016 01

Service digital identity: *Subject key identifier:*

95 D1 4E F5 43 38 B9 AB 34 CC 68 8A 3A 6A A6 3D 48 F6 8A 7B

Service digital identity: *Version:*

3

Serial number:

35 831 851 025 252 130 632 861 092 362 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@e-szigno.hu,CN=Qualified e-Szigno TSA 2016 01,O=Microsec Ltd.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU

Subject key identifier:

95 D1 4E F5 43 38 B9 AB 34 CC 68 8A 3A 6A A6 3D 48 F6 8A 7B

Authority key identifier:

CB 0F C6 DF 42 43 CC 3D CB B5 48 23 A1 1A 7A A6 2A BB 34 68

Valid from:

2016-02-07T18:00:00.000Z   (07 Feb 2016 19:00:00 CET)

Valid to:

2028-02-07T18:00:00.000Z   (07 Feb 2028 19:00:00 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

45:E7:60:1E:3C:98:8E:8A:C8:9B:73:5C:07:3C:F2:C2:B8:32:F8:B1

SHA-256:

73:EA:9E:DF:E3:5C:FD:DD:B9:F6:52:26:C0:50:1B:65:A6:75:E5:66:8B:DC:97:36:B3:D3:4B:20:57:78:B5:1B

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100CECC49802A0253E15A9D19DB28B718D05CFACA2C3E5778F2E851AE3FD52116995DAE26EFE78F
0A2C096A60480B27C558E187AE3E826C51DBB8FF46705F3B34B450E6A07908F2EB1E409A256900C2952663D3386C42
CA2779B980E0A2C0AFC9A20040F1D161958F978B017A74DA64AEB31996A8031F2C9AA1744B88F903B90F79A64C8B1B
694E3FFCC0B89435617A143A5C7EC9046E870FD096FAB80D5F3596C7C5CF9E48AD1718D854ABAF0A7AA3D903CF5542
5460A0942A67F8E5CEFB9EB12BC482124C2FD6D412C09A6979B9B473AB308858C246FFEB3A860910C2DC5C09522F60
221345448B79203AD7D03D69B05389A722F1A5C325C7E95F85E9E3E2418B0203010001

Certificate policies:

1.3.6.1.4.1.21528.2.1.1.51.1.0

cPSuri = http://cp.e-szigno.hu/qcps

CRL distribution points:

http://crl.e-szigno.hu/rootca2009.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIFFDCCA/ygAwIBAgIMc8dpmEmq/3lGUgoKMA0GCSqGSIb3DQEBCwUAMIGCMQswCQYDVQQGEwJI
VTERMA8GA1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1p
Y3Jvc2VjIGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdu
by5odTAeFw0xNjAyMDcxODAwMDBaFw0yODAyMDcxODAwMDBaMIGCMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFjAUBgNVBAoMDU1pY3Jvc2VjIEx0ZC4xJzAlBgNVBAMMHk1lY3Jvc2Vj
IGUtU3ppZ25vIFJvb3QgQ0EgMjAwOTEfMB0GCSqGSIb3DQEJARYQaW5mb0BlLXN6aWdub5vodTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAM7MSYAqAlPhWp0Z2yi3GNBc+sosPld48uhR
rj/VIRaZXa4m7+ePCiwJamBICyfFWOGHrj6CbFHbuP9GcF87NLRQ5qB5CPLrHkCaJWkAwpUmY9M4
bELKJ3m5g0CiwK/JogBA8dFhlY+XiwF6dNpkrrMZlqgDHyyaoXRLiPkDuQ95pkyLG2lOP/zAuJQl
YXoUOlx+yQRuhw/Qlvq4DV8llsfFz55IrRcY2FSrrwp6o9kDz1VCVGCglCpn+OXO+56xK8SCEkwv
1tQSwJppebm0c6swiFjCRv/rOoYJEMLcXAlSL2AiE0VEi3kgOtfQPWmwU4mnIvGlwyXH6V+F6ePi
QYsCAwEAAaOCAYYwggGCMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgbAMBYGA1UdJQEB/wQM
MAoGCCsGAQUFBwMIMEUGA1UdIAQ+MDwwOgYOKwYBBAGBqBgCAQEzAQAwKDAmBggrBgEFBQcCARYa
aHR0cDovL2NwLmUtc3ppZ25vLmh1L3FjcHMwHQYDVR00BBYEFJXRTvVDOLmrNMxoijpqpj1I9op7
MB8GA1UdIwQYMBaAFMsPxt9CQ8w9y7VII6EaeqYquzRoMBsGA1UdEQQUMBKBEGluZm9AZS1zemln
bm8uaHUwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2NybC5lLXN6aWduby5odS9yb290Y2EyMDA5
LmNybDBuBggrBgEFBQcBAQRiMGAwKwYIKwYBBQUHMAGGH2h0dHA6Ly9yb290b2NzcDIwMDkuZS1z
emlnbm8uaHUwMQYIKwYBBQUHMAKGJWh0dHA6Ly93d3cuZS1zemlnbm8uaHUvcm9vdGNhMjAwOS5j
cnQwDQYJKoZIhvcNAQELBQADggEBAKsan0coVmHfwr+U63aLW51XcJ9a3jTuoNGLN144qeI4Rm0i
HakrFDqxuZ47fQZOHYdQ0UuvSk9aMcGMKTIe5CzchpAZxfp+3qD8oPJnMJnJTreu3VYHV68GijSX
47NAIvJiwpZQsnYlPH3haCyBj3EAaojYAh4ikFrWYGRSn50KrRVNOOcwkwfFk34MTH0ATmIDnWHY
+g21Q6j8z5p8rYL41jSosCv+cOzETjEhUYLanmDJC8Kwyd8w4UjhSfMw7kT/guu4H71cBGcGprb4
DF2tJ58RTUtNC42AcOIQhz2NVG+qGOHtqHbshGUFt2QLPcoEOZKuowcTXmsYks8dzUQ=
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/recognisedatnationallevel

For trust services listed under a service type specified in clause 5.5.1.2: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved" status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in Regulation (EU) No 910/2014 and the applicable national legislation.

For NationalRootCA-QC type: The service is set by national law in accordance with the applicable European legislation and operated by the responsible national body issuing root-signing or qualified certificates to accredited trust service providers.

For other trust services listed under a service type specified in clause 5.5.1.3: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved"status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in the applicable national legislation.

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service information extensions:	*Extension 1/1, non-critical:*
	`<tsl:AdditionalServiceInformation xmlns:tsl="http://uri.etsi.org/02231/v2#">`
	`<tsl:URI xml:lang="en">http://www.nmhh.hu/tl/ServiceStatus/QualifiedatNationalLevel</tsl:URI>`
	`</tsl:AdditionalServiceInformation>`
	Extension 1/1, non-critical:
	`<tsl:AdditionalServiceInformation xmlns:tsl="http://uri.etsi.org/02231/v2#">`
	`<tsl:URI xml:lang="en">http://www.nmhh.hu/tl/ServiceStatus/QualifiedatNationalLevel</tsl:URI>`

2.3. Magyar Telekom Public Limited Company

`Provider: 3`

TSP name:	*English:*	Magyar Telekom Public Limited Company
	Hungarian:	Magyar Telekom Távközlési Nyilvánosan Működő Részvénytársaság
TSP trade name:	*English:*	MATAV
	Hungarian:	MATAV
	English:	VATHU-10773381
	Hungarian:	VATHU-10773381
	English:	Magyar Telekom Rt.
	Hungarian:	Magyar Telekom Rt.
	English:	Magyar Telekom
	Hungarian:	Magyar Telekom
	English:	Matav Rt.
	Hungarian:	Matav Rt.
	English:	Magyar Telekom Rt.
	Hungarian:	Magyar Telekom Rt.

TSP address:

Postal address (English):

Street address:	Pf.: 434
Locality:	Budapest
Postal code:	1519
Country name:	HU

Electronic address

Hungarian:	http://www.t-systems.hu/nagyvallalatok/hitelesites_szolgaltatasok
English:	mailto:eszigno.fokozott@t-systems.hu
English:	mailto:eszigno.minositett@telekom.hu
English:	http://www.t-systems.hu/nagyvallalatok/hitelesites_szolgaltatasok

TSP information URI:

English:
http://www.t-systems.hu/static/internet/download/Idobelyegzes_ASZF.pdf

Hungarian:
http://www.t-systems.hu/static/internet/download/Idobelyegzes_ASZF.pdf

English:
http://www.t-systems.hu/static/internet/download/Minositett_IBSzSz_v2_1_signed.pdf

Hungarian:
http://www.t-systems.hu/static/internet/download/Minositett_IBSzSz_v2_1_signed.pdf

English:

http://www.t-systems.hu/static/internet/download/Idobelyegzesi_Rend_v1_9_signed.pdf

Hungarian:

http://www.t-systems.hu/static/internet/download/Idobelyegzesi_Rend_v1_9_signed.pdf

English:

http://www.t-systems.hu/static/internet/download/Idobelyegzesi_Rend_v1_9_signed.pdf

Hungarian:

2.3.1. Magyar Telekom Minositett CA

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/QC

> *A qualified certificate issuing trust service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services, and under which are provided the relevant and related revocation and certificate validity status information services (e.g. CRLs, OCSP responses) in accordance with EU Directive 1999/93/EC or with Regulation (EU) No 910/2014 whichever is in force at the time of provision. This may also include generation and/or management of the associated private keys on behalf of the certified entity.*

Service name:

English: Magyar Telekom Minositett CA

Hungarian: Magyar Telekom Minositett CA

Service digital identity: *Subject key identifier:*

96 DC DE 8D F1 46 DD D7 06 C0 CD 8C 86 3A 21 18 13 61 13 1F

Service digital identity: *Version:*

3

Serial number:

5 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

CN=Magyar Telekom Minositett CA,OU=Magyar Telekom Trust Center,O=Magyar Telekom Rt.,L=Budapest,C=HU

Issuer:

CN=Magyar Telekom Root CA,OU=Magyar Telekom Trust Center,O=Magyar Telekom Rt.,L=Budapest,C=HU

Subject key identifier:

96 DC DE 8D F1 46 DD D7 06 C0 CD 8C 86 3A 21 18 13 61 13 1F

Authority key identifier:

CF AD CE 26 60 88 B9 30 2A D4 26 A5 72 10 EA 51 98 D0 D4 D3

Valid from:

2005-07-06T11:46:54.000Z   (06 Jul 2005 13:46:54 CEST)

Valid to:

2014-12-31T22:59:59.000Z   (31 Dec 2014 23:59:59 CET)

Key usage:

digitalSignature, keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = no limit

Thumbprint:

SHA-1:

66:D5:CD:CF:1B:1B:8B:FC:C1:95:3B:02:A1:C6:FA:E2:BA:C8:DA:D0

SHA-256:

6B:EC:95:43:CF:14:ED:C4:E3:23:0B:66:98:DE:03:D0:CF:20:74:72:44:FA:A7:2B:59:C9:D4:A6:01:B3:CD:E3

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100BB1DD276682E56BA30576089FD8F3A89BE519D1A91E8A2E6344E2C77B15D801D2E0AADAD5C9F
2202D9D336779557B0F8219C10EB3B095D138E58E4AAD35317D41F3C74C3611EB578CE8C34C58103A84234FC3619AF
167D85DF6F81E1BC12E5B567C9FC0BC57BFA7662A9E6F09168D89D5C08982A5EDC56DDA6B8CAA29C26F85C5E2CC3C5
D166CB288F74A077B62C6CB1316B921567004CACB635536BAF96DDD5CAECF76554F4B926A35D418A22DA1C999DBF51
007CBEA1CCD270E268E6D386256312285CCEC80388408748908EC10837E39DF91C93662B377574502A8AF659997C6B
DC4227BDEFCF27BEC59FE4DC418643DB2CAF43294591C582E1CA3344F74B0203010001

Certificate policies:

1.3.6.1.4.1.17835.7.1.2.8.2.1.12.1.2.1

CRL distribution points:

ldap://trustcenter.telekom.hu:389/cn=Magyar%20Telekom%20Root%20CA,c=HU
?certificateRevocationList?base?objectClass=certificateAuthority

http://www.eszigno.t-
systems.magyartelekom.hu/download_crl?issuer=Magyar%20Telekom%20Root%
20CA

PEM format:

-----BEGIN CERTIFICATE-----
MIIFLTCCBBWgAwIBAgIBBTANBgkqhkiG9w0BAQUFADCBhDELMAkGA1UEBhMCSFUxETAPBgNVBAcT
CEJ1ZGFwZXN0MRswGQYDVQQKExJNYWd5YXIgVGVsZWtvbSBSdC4xJDAiBgNVBAsTG01hZ3lhciBU
ZWxla29tIFRydXN0IENlbnRlcjEfMB0GA1UEAxMWTWFneWFyIFRlbGVrb20gUm9vdCBDQTAeFw0w
NTA3MDYxMTQ2NTRaFw0xNDEyMzEyMjU5NTlaMIGKMQswCQYDVQQGEwJIVTERMA8GA1UEBxMIQnVk
YXBlc3QxGzAZBgNVBAoTEk1hZ3lhciBUZWxla29tIFJ0LjEkMCIGA1UECxMbTWFneWFyIFRlbGVr
b20gVHJ1c3QgQ2VudGVyMSUwIwYDVQQDExxNYWd5YXIgVGVsZWtvbSBNaW5vc2l0ZXR0IENBMIIB
IjANBgkqhkiG9w0BAQEFAAOCAQ8AMIIBCgKCAQEAux3SdmguVrowV2CJ/Y86ib5RnRqR6KLmNE4s
d7FdgB0uCq2tXJ8iAtnTNneVV7D4IZwQ6zsJXROOWOSq01MX1B88dMNhHrV4zow0xYEDqEI0/DYZ
rxZ9hd9vgeG8EuWlZ8n8C8V7+nZiqebwkWjYnVwImCpe3FbdprjKopwm+FxeLMPF0WbLKI90oHe2
LGyxMWuSFWcATKy2NVNrr5bd1crs92VU9Lkmo11BiiLaHJmdvlEAfL6hzNJw4mjm04YlYxIoXM7I
A4hAh0iQjsEIN+Od+RyTZis3dXRQKor2WZl8a9xCJ73vzye+xZ/k3EGGQ9ssr0MpRZHFguHKM0T3
SwIDAQABo4IBoDCCAZwwDgYDVR0PAQH/BAQDAgGGMBEGCWCGSAGG+EIBAQQEAwIAhzAdBgNVHQ4E
FgQUltzejfFG3dcGwM2MhjohGBNhEx8wHwYDVR0jBBgwFoAUz63OJmCIuTAq1CalchDqUZjQ1NMw
DwYDVR0TAQH/BAUwAwEB/zCCAQMGA1UdHwSB+zCB+DCBj6CBjKCBiYaBhmxkYXA6Ly90cnVzdGNl
bnRlci50ZWxla29tLmh10jM40S9jbj1NYWd5YXIlMjBUZWxla29tJTIwUm9vdCUyMENBLGM9SFU/
Y2VydGlmaWNhdGVSZXZvY2F0aW9uTGlzdD9iYXNlP29iamVjdENsYXNzPWNlcnRpZmljYXRlQXV0
aG9yaXR5MGSgYqBghl5odHRwOi8vd3d3LmVzemlnbm8udC1zeXN0ZW1zLm1hZ3lhcnRlbGVrb20u
aHUvZG93bmxvYWRfY3JsP2lzc3Vlcj1NYWd5YXIlMjBUZWxla29tJTIwUm9vdCUyMENBMB8GA1Ud
IAQYMBYwFAYSKwYBBAGBiysHAQIIAgEMAQIBMA0GCSqGSIb3DQEBBQUAA4IBAQAjTUe0RSgC5bTc
CMPLBuWajBpfVb+ej16R/yIH9jN/IU/5WOMA+qUGgf0x3YxcnxUens5fk0iWS/ylbQVebI2FQyT3
I/EgYExN+cU1epUuwMRCnEV+65yqdzd9GsNUw22SDBgFqLd3B2JwSe8+CdiLItuNbFwiLdMJeTxN
jvDt2IqknuERPffMM8wq938k655uqjTlcLQjw5JujrzoxJlFNU/yL2FMXqO8cK7FqIayScUidZjH
s1S9XOCMwHNNo2JRMUQHAJDszk5c+3mAUCQF1YhkJu6yFePmXDorn9+X502rEkqkl+IW46LgGnVc
+jpMASE8kE+iat165EUPcXYt
-----END CERTIFICATE-----

Service status:	http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time:	2016-06-30T22:00:00.000Z (01 Jul 2016 00:00:00 CEST)
Service supply points:	http://www.eszigno.t-systems.magyartelekom.hu/download_crl?issuer=Magyar%20Telekom%20Minositett%20CA
Service information extensions:	*Extension 1/1, non-critical:*

<tsl:AdditionalServiceInformation
xmlns:tsl="http://uri.etsi.org/02231/v2#"><tsl:URI
xml:lang="en">http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/ForeSignatures
</tsl:URI></tsl:AdditionalServiceInformation>

2.3.1.1. Magyar Telekom Minositett CA

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/QC

A qualified certificate issuing trust service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services, and under which are provided the relevant and related revocation and certificate validity status information services (e.g. CRLs, OCSP responses) in accordance with EU Directive 1999/93/EC or with Regulation (EU) No 910/2014 whichever is in force at the time of provision. This may also include generation and/or management of the associated private keys on behalf of the certified entity.

Service name:

English: Magyar Telekom Minositett CA

Hungarian: Magyar Telekom Minositett CA

Service digital identity: *Subject key identifier:*

96 DC DE 8D F1 46 DD D7 06 C0 CD 8C 86 3A 21 18 13 61 13 1F

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/supervisionceased

The validity of the supervision assessment has lapsed without the service identified in "Service digital identity" (see clause 5.5.3) being re-assessed. The service is currently not under supervision any more from the date of the current status as the service is understood to have ceased operations. "Supervision Ceased" status shall be used when a TSP directly ceases its related services under supervision; it shall not be used when supervision has been revoked.

Status starting time: 2010-07-23T10:00:00.000Z   (23 Jul 2010 12:00:00 CEST)

2.3.1.2. Magyar Telekom Minositett CA

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/QC

A qualified certificate issuing trust service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services, and under which are provided the relevant and related revocation and certificate validity status information services (e.g. CRLs, OCSP responses) in accordance with EU Directive 1999/93/EC or with Regulation (EU) No 910/2014 whichever is in force at the time of provision. This may also include generation and/or management of the associated private keys on behalf of the certified entity.

Service name:

English: Magyar Telekom Minositett CA

Hungarian: Magyar Telekom Minositett CA

Service digital identity: *Subject key identifier:*

96 DC DE 8D F1 46 DD D7 06 C0 CD 8C 86 3A 21 18 13 61 13 1F

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/supervisionincessation

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently in a cessation phase but still supervised until supervision is ceased or revoked. In the event a different person than the one identified in "TSP name" has taken over the responsibility of ensuring this cessation phase, the identification of this new or fallback person (fallback trust service provider) shall be provided in "Scheme service definition URI" (clause 5.5.6) and in the "TakenOverBy" extension (clause 5.5.9.3) of the service entry.
"Supervision of Service in Cessation" status shall be used when a TSP directly ceases its related services under supervision; it shall not be used when supervision has been revoked.

Status starting time: 2010-01-28T16:00:00.000Z   (28 Jan 2010 17:00:00 CET)

2.3.1.3. Magyar Telekom Minositett CA

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/QC

> *A qualified certificate issuing trust service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services, and under which are provided the relevant and related revocation and certificate validity status information services (e.g. CRLs, OCSP responses) in accordance with EU Directive 1999/93/EC or with Regulation (EU) No 910/2014 whichever is in force at the time of provision. This may also include generation and/or management of the associated private keys on behalf of the certified entity.*

Service name: *English:* Magyar Telekom Minositett CA

       Hungarian: Magyar Telekom Minositett CA

Service digital identity: *Subject key identifier:*

96 DC DE 8D F1 46 DD D7 06 C0 CD 8C 86 3A 21 18 13 61 13 1F

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2005-07-06T11:46:54.000Z (06 Jul 2005 13:46:54 CEST)

2.3.2. Matav Minositett CA

```
Provider: 3
 Service: 2
```

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/QC

> *A qualified certificate issuing trust service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services, and under which are provided the relevant and related revocation and certificate validity status information services (e.g. CRLs, OCSP responses) in accordance with EU Directive 1999/93/EC or with Regulation (EU) No 910/2014 whichever is in force at the time of provision. This may also include generation and/or management of the associated private keys on behalf of the certified entity.*

Service name:

English: Matav Minositett CA

Hungarian: Matav Minositett CA

Service digital identity: *Subject key identifier:*

37 8E B9 03 0C 22 23 AB E6 59 FE 83 42 34 E8 ED 6F 46 09 D5

Service digital identity: *Version:*

3

Serial number:

19 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

CN=Matav Minositett CA,OU=Matav Trust Center,O=Matav,L=Budapest,C=HU

Issuer:

CN=Matav Minositett Root CA,OU=Matav Trust Center,O=Matav,L=Budapest,C=HU

Subject key identifier:

37 8E B9 03 0C 22 23 AB E6 59 FE 83 42 34 E8 ED 6F 46 09 D5

Authority key identifier:

6D CD F8 EC E0 E9 9B 80 44 09 A7 6D B2 33 4F 5D A2 CF 4A F5

Valid from:

2004-02-19T13:12:39.000Z   (19 Feb 2004 14:12:39 CET)

Valid to:

2013-12-31T22:59:59.000Z   (31 Dec 2013 23:59:59 CET)

Key usage:

digitalSignature, keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = no limit

Thumbprint:

SHA-1:

A4:43:9B:D2:29:F6:46:11:71:53:5C:F7:05:D5:60:DE:9D:04:39:F1

SHA-256:

86:1B:6B:92:A1:79:DC:A6:9F:B4:CD:62:A6:87:4C:AF:F3:F8:18:3F:78:90:C8:FB:65:A2:58:C3:D5:D0:36:31

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100B1102FAFDD9D7A3C1B1745BA23BFF7D6B845DF65678EC30F383C89F6E6D3FDE2AACD78919CCB
C4295FD9C4D491E5D240731E7083D549549EE7BD72E5C14F21684CB923D0F76D01654506BB98240A4D7E3F1B411562
01311CA652763F434E327E9E349C9BA0B05F104B57880807FEEC07D0EEA9AD93DDE8C87D22519BF0379AD38E0DCB1F
7F03045CC827DE2F5A3D9229A5CBA3C990D71799C8271E192B02D9E85F321E46B98E84273B01EA3AEE3416EA343047
9BED29AEEB722E87F629CF0FF69D9B1E3CD7522760EF7614251C657BD9F14FEAC3536D90B392D338B5D4676606CBE9
F05769EA22714213A08477DECC710E16E5D2710F073B635D148D57053EFD0203010001

Certificate policies:

1.3.6.1.4.1.17835.7.1.2.8.2.1.12.1.2.1

CRL distribution points:

ldap://trustcenter.matav.hu:389/cn=Matav%20Minositett%20Root%20CA,c=HU?
certificateRevocationList?base?objectClass=certificationAuthority
http://www.eszigno.matav.hu/Minositett/download_crl?issuer=Matav%20Minosite
tt%20Root%20CA

PEM format:

-----BEGIN CERTIFICATE-----
MIIE9TCCA92gAwIBAgIBEzANBgkqhkiG9w0BAQUFADBwMQswCQYDVQQGEwJIVTERMA8GA1UEBxMI
QnVkYXBlc3QxDjAMBgNVBAoTBU1hdGF2MRswGQYDVQQLExJNYXRhdiBUcnVzdCBDZW50ZXIxITAf
BgNVBAMTGE1hdGF2IE1pbm9zaXRldHQgUm9vdCBDQTAeFw0wNDAyMTkxMzEyMzlaFw0xMzEyMzEy
MjU5NTlaMGsxCzAJBgNVBAYTAkhVMREwDwYDVQQHEwhCdWRhcGVzdDEOMAwGA1UEChMFTWF0YXYx
GzAZBgNVBAsTEklhdGF2IFRydXN0QIENlbnRlcjEcMBoGA1UEAxMTTWF0YXYgTWlub3NpdGV0dCBD
QTCCASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBALEQL6/dnXo8GxdFuiO/99a4Rd9lZ47D
Dzg8ifbm0/3iqs14kZzLxClf2cTUkeXSQHMecIPVSVSe571y5cFPIWhMuSPQ920BZUUGu5gkCk1+
PxtBFWIBMRymUnY/Q04yfp40nJugsF8QSleICAf+7AfQ7qmtk93oyH0iUZvwN5rTjg3LH38DBFzI
J94vWj2SKaXLo8mQ1xeZyCceGSsC2ehfMh5GuY6EJzsB6jruNBbqNDBHm+0prutyLof2Kc8P9p2b
HjzXUidg73YUJRxle9nxT+rDU22Qs5LTOLXUZ2YGy+nwV2nqInFCE6CEd97McQ4W5dJxDwc7Y10U
jVcFPv0CAwEAAaOCAZOwggGZMA4GA1UdDwEB/wQEAwIBhjARBglghkgBhvhCAQEEBAMCAIcwHQYD
VR00BBYEFDeOuQMMIiOr5ln+g0I06O1vRgnVMB8GA1UdIwQYMBaAFG3N+Ozg6ZuARAmnbbIzT12i
z0r1MA8GA1UdEwEB/wQFMAMBAf8wHwYDVR0gBBgwFjAUBhIrBgEEAYGLKwcBAggCAQwBAgEwggEA
BgNVHR8EgfgwgfUwgZGggY6ggYuGgYhsZGFwOi8vdHJ1c3RjZW50ZXIubWF0YXYuaHU6Mzg5L2Nu
PU1hdGF2IJTIwTWlub3NpdGV0dCUyMFJvb3QlMjBDQSxjPUhVP2NlcnRpZmljYXRlUmV2b2NhdGlv
bkxpc3Q/YmFzZT9vYmplY3RDbGFzcz1jZXJ0aWZpY2F0aW9uQXV0aG9yaXR5MF+gXaBbhllodHRw
Oi8vd3d3LmVzemlnbm8ubWF0YXYuaHUvTWlub3NpdGV0dC9kb3dubG9hZF9jcmw/aXNzdWVyPU1h
dGF2JTIwTWlub3NpdGV0dCUyMFJvb3QlMjBDQTANBgkqhkiG9w0BAQUFAAOCAQEAEzD3lZqChMsM
kD09yaVDDFmybytGc3lobD088Am18AR7+rl7xsqNjbd/xC+4WlFvsB/Jwwp2vnlX2NquXQ4z05/0
6vxU6JRGzRpF7hVI3Ag8qOnvocGESVDHTZqTjB6eWeT7NCMqwbAao9gdb/4gV8lXx9hkLQroqC4r
h7nABMqRJYA4NGRu3PAjiO2mkBxNYyZPbQhUbn5Lo3ELxkONAsXmuddhc4JzxMyt7lo3cWaG0aPO
O5YrMBR6vOO/cOr0N1ZAXRKf/wfUCj2lKLQqzeeMsL+YpyFROitYyF5mI/ACpbvLWok18Yc8JHwO
Se3oHCInSy9PAhPtdddHV2oKEA==
-----END CERTIFICATE-----

Service status:	http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time:	2016-06-30T22:00:00.000Z (01 Jul 2016 00:00:00 CEST)
Service supply points:	http://www.eszigno.matav.hu/Minositett/download_crl?issuer=Matav%20Minosite tt%20CA
Service information extensions:	*Extension 1/1, non-critical:*

<tsl:AdditionalServiceInformation
xmlns:tsl="http://uri.etsi.org/02231/v2#"><tsl:URI
xml:lang="en">http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/ForeSignatures
</tsl:URI></tsl:AdditionalServiceInformation>

2.3.2.1. Matav Minositett CA

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/QC

> *A qualified certificate issuing trust service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services, and under which are provided the relevant and related revocation and certificate validity status information services (e.g. CRLs, OCSP responses) in accordance with EU Directive 1999/93/EC or with Regulation (EU) No 910/2014 whichever is in force at the time of provision. This may also include generation and/or management of the associated private keys on behalf of the certified entity.*

Service name:

English: Matav Minositett CA

Hungarian: Matav Minositett CA

Service digital identity: *Subject key identifier:*

37 8E B9 03 0C 22 23 AB E6 59 FE 83 42 34 E8 ED 6F 46 09 D5

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/supervisionceased

> *The validity of the supervision assessment has lapsed without the service identified in "Service digital identity" (see clause 5.5.3) being re-assessed. The service is currently not under supervision any more from the date of the current status as the service is understood to have ceased operations. "Supervision Ceased" status shall be used when a TSP directly ceases its related services under supervision; it shall not be used when supervision has been revoked.*

Status starting time: 2005-07-06T11:46:54.000Z   (06 Jul 2005 13:46:54 CEST)

2.3.2.2. Matav Minositett CA

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/QC

A qualified certificate issuing trust service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services, and under which are provided the relevant and related revocation and certificate validity status information services (e.g. CRLs, OCSP responses) in accordance with EU Directive 1999/93/EC or with Regulation (EU) No 910/2014 whichever is in force at the time of provision. This may also include generation and/or management of the associated private keys on behalf of the certified entity.

Service name: *English:* Matav Minositett CA

     Hungarian: Matav Minositett CA

Service digital identity: *Subject key identifier:*

37 8E B9 03 0C 22 23 AB E6 59 FE 83 42 34 E8 ED 6F 46 09 D5

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2004-02-19T13:12:39.000Z   (19 Feb 2004 14:12:39 CET)

2.3.3. Magyar Telekom Minositett KET CA

```
Provider: 3
Service: 3
```

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/QC

> *A qualified certificate issuing trust service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services, and under which are provided the relevant and related revocation and certificate validity status information services (e.g. CRLs, OCSP responses) in accordance with EU Directive 1999/93/EC or with Regulation (EU) No 910/2014 whichever is in force at the time of provision. This may also include generation and/or management of the associated private keys on behalf of the certified entity.*

Service name: *English:*   Magyar Telekom Minositett KET CA

Hungarian: Magyar Telekom Minositett KET CA

Service digital identity: *Subject key identifier:*

A7 70 6F 34 2C 9C 60 94 89 25 98 F1 2A 81 B8 55 BA AA F6 1A

Service digital identity: *Version:*

3

Serial number:

1 132 236 819 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

CN=Magyar Telekom Minositett KET CA,OU=Magyar Telekom Trust Center,O=Magyar Telekom,L=Budapest,C=HU

Issuer:

CN=KGYHSZ (Public Administration Root CA - Hungary),C=hu

Subject key identifier:

A7 70 6F 34 2C 9C 60 94 89 25 98 F1 2A 81 B8 55 BA AA F6 1A

Authority key identifier:

C4 1B 6F BF 5A 96 BB F8 3F CC 17 78 BF 0E 6B E4 B7 71 56 57

Valid from:

2007-07-26T07:41:20.000Z   (26 Jul 2007 09:41:20 CEST)

Valid to:

2017-07-26T08:11:20.000Z   (26 Jul 2017 10:11:20 CEST)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = 0

Thumbprint:

SHA-1:

8E:89:5C:1C:76:C8:13:4C:A1:42:27:EF:B9:AF:35:02:64:18:CC:E1

SHA-256:

71:0C:0A:95:E1:35:82:BE:58:43:FF:79:B8:67:DF:8D:47:67:20:C9:BC:C5:F3:5C:5A:5A:B7:AB:D2:D6:A3:74

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100B09FCD24EA808D0A82A181B5AA30F42BB76DDDC928F1730FF05F4F05EAC9A904930BF4AAB7AD
6A65B9237CA684635E7F30AA3CDBB85E725222C01F424D7B512D93FB15223B3946F514F39523D6FBEC11529E3DA0B5
6646E8CBDDF2220074A6D40ADCB488C242EAED7A8E45C1BF53F44CEF8AB229D660714381E1B43A1CCB3A7D4458AE6D
630DD4A6CF6B6D4959A738070AF37DE019E2D3D2B05A3310691AAC5DD085B72C2AB1CA868F035204F8AEC53A82392C
00B52D5547FABB9263F611F864FA98A9F0F7566258C1B8ADD1D566F4FE9B8097195C05F660B0BA2A3A6ABBBC0539E2
B585A73EA389FDC9263862EA35D55748FAC95B0EF3869DE8F85836DD8F590203010001

Certificate policies:

0.2.216.1.100.42.1.200.2

cPSuri = http://cp.kgyhsz.gov.hu

userNotice = A hitelesítés-szolgáltató egyaránt jogosult közigazgatási
felhasználásra szolgáló, hivatali aláíráshoz és ügyfél által használt aláíráshoz
kapcsolódó tanúsítványok kibocsátására. Minden felelősség kizárva a hitelesítési
rendben foglaltak szerint.

CRL distribution points:

http://crl.kgyhsz.gov.hu/KGYHSZ_CA_20060719.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIGSTCCBTGgAwIBAgIEQ3yQEzANBgkqhkiG9w0BAQUFADBIMQswCQYDVQQGEwJodTE5MDcGA1UE
AwwwS0dZSFNaIChQdWJsaWMgQWRtaW5pc3RyYXRpb24gUm9vdCBDQSAtIEh1bmdhcnkpMB4XDTA3
MDcyNjA3MDEyMFoXDTE3MDcyNjA4MTEyMFowgYoxCzAJBgNVBAYTAkhVMREwDwYDVQQHEwhCdWRh
cGVzdDEXMBUGA1UEChMOTWFneWFyIFRlbGVrb20xJDAiBgNVBAsTG01hZ3lhciBUZWxla29tIFRy
dXN0IENlbnRlcjEpMCcGA1UEAxMgTWFneWFyIFRlbGVrb20gTWlub3NpdGV0dCBLRVVQg0QEwggEi
MA0GCSqGSIb3DQEBAQUAA4IBDwAwggEKAoIBAQCwn80k6oCNCoKhgbWqMPQrt23dy5jxcw/wX08F
6smpBJML9Kq3rWpluSN8poRjXn8wqjzbuF5yUiLAH0JNe1Etk/sVIjs5RvUU85Uj1vvsEVKePaC1
Zkboy93yIgB0ptQK3LSIwkLq7XqORcG/U/RM74qyKdZgcUOB4bQ6HMs6fURYrm1jDdSmz2ttSVmn
0AcK833gGeLT0rBaMxBpGqxd0IW3LCqxyoaPA1IE+K7FOoI5LAC1LVVH+ruSY/YR+GT6mKnw91Zi
WMG4rdHVZvT+m4CXGVwF9mCwuio6aru8BTnitYWnPqOJ/ckmOGLqNdVXSPrJWw7zhp3o+Fg23Y9Z
AgMBAAGjggL2MIIC8jAOBgNVHQ8BAf8EBAMCAQYwEgYDVR0TAQH/BAgwBgEB/wIBADCCAkgGA1Ud
IASCAj8wggI7MIICNwYKKAoFYAWQqAYFIAjCCAicwIwYIKwYBBQUHAgEWF2h0dHA6Ly9jcC5rZ3lo
c3ouZ292Lmh1MIIB/gYIKwYBBQUHAgIwggHwHoIB7ABBACAaABpAHQAZQBsAGUAcwDtAHQA6QBz
AC0AcwB6AG8AbABnAE0AbAB0AGEAdADzACAAZQBnAHkAYQByAOEAbgB0ACAAagBvAGcAbwBzAHUA
bAB0ACAAawD2AHoAaQBnAGEAegBnAGEAdADhAHMAaQAgAGYAZQBsAGgAYQBzAHoAbgDhAGwA4QBz
AHIAYQAgAHMAegBvAGwAZwDhAGwA8wAsACAAaABpAHYAYQB0AGEAbABpACAAYQBsAOEA7QByAOEA
cwBoAG8AegAgAG0AcwAgAPwAZwB5AGYA6QBsACAA4QBsAHQAYQBsACAAaABhAHMAegBuAOEAbAB0
ACAAYQBsAOEA7QByAOEAcwBoAG8AegAgAGgAYQBGAMcBvAGwA8wBkAPMAIAB0AGEAbgD6AHMA
7QB0AHYA4QBuAHkAbwBrACAAawBpAGIAbwBjAHMA4QB0AOEAcwDhAHIAYQAuACAATQBpAG4AZABl
AG4AIABmAGUAbAB1AGwABUQBzAHMA6QBnACAAawBpAHoA4QByAHYAYQAgAGEAIABoAGkAdABlAGwA
ZQBzAO0AdADpAHMAaQAgAHIAZQBuAGQAYgBlAG4AIABmAG8AZwBsAGEAbAB0AGEAawAgAHMAegBl
AHIAaQBuAHQALjBABgNVHR8EOTA3MDWgM6Axhi9odHRwOi8vY3JsLmtneWhzei5nb3YuaHUvS0dZ
SFNaX0NBXzIwMDYwNzE5LmNybDAfBgNVHSMEGDAWgBTEG2+/Wpa7+D/MF3i/Dmvkt3FWVzAdBgNV
HQ4EFgQUp3BvNCycYJSJJZjxKoG4Vbqq9howDQYJKoZIhvcNAQEFBQADggEBAAXGG9P7PrkTcR3O
/BEHh/WKcP320u+jASdW+M6pb4xNi8pZgaND6SgLKUKOd05n7gTp6ZwL4JSY5tCiHK+oXmuIgPaA
o8nrl5hoZeCA5Qwn8E/Y/paq61OBR7sDfax5oj2Rq0qx1KHNEcddxaLV6zvIfH67j+bpiBibm6xq
NKUIXSg3EtC1Xxc4K9AXIvrmmIQYmEkGqEAniIQ4IgGcTk1fY6Rbja5nc3VJpJk4/VIvsuFjwSWs
LJRe4wwRXkQjbMW6y6Lnib4QoeWGo3bD0xr9/wup9+vJjpcK5Zu8eqxfFHGmrSlVAm/tgmXh1Uh5
eWP1S4k6CXVBA1Njjwwqjn M=
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

*In compliance with the provisions laid down in the applicable national
legislation and Regulation (EU) No 910/2014, it indicates that the qualified
status has not been initially granted or has been withdrawn by the Supervisory
Body on behalf of the Member State identified in the "Scheme territory" (see
clause 5.3.10): from the trust service being of a service type specified in
clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3),
and from its trust service provider identified in "TSP name" (see clause 5.4.1)
for the provision of that service.*

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

*Service information
extensions:*

Extension 1/1, non-critical:

<tsl:AdditionalServiceInformation
xmlns:tsl="http://uri.etsi.org/02231/v2#"><tsl:URI
xml:lang="en">http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/ForeSignatures
</tsl:URI></tsl:AdditionalServiceInformation>

2.3.3.1. Magyar Telekom Minositett KET CA

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/QC

> *A qualified certificate issuing trust service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services, and under which are provided the relevant and related revocation and certificate validity status information services (e.g. CRLs, OCSP responses) in accordance with EU Directive 1999/93/EC or with Regulation (EU) No 910/2014 whichever is in force at the time of provision. This may also include generation and/or management of the associated private keys on behalf of the certified entity.*

Service name:

English: Magyar Telekom Minositett KET CA

Hungarian: Magyar Telekom Minositett KET CA

Service digital identity: *Subject key identifier:*

A7 70 6F 34 2C 9C 60 94 89 25 98 F1 2A 81 B8 55 BA AA F6 1A

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/supervisionceased

> *The validity of the supervision assessment has lapsed without the service identified in "Service digital identity" (see clause 5.5.3) being re-assessed. The service is currently not under supervision any more from the date of the current status as the service is understood to have ceased operations. "Supervision Ceased" status shall be used when a TSP directly ceases its related services under supervision; it shall not be used when supervision has been revoked.*

Status starting time: 2010-07-23T10:00:00.000Z   (23 Jul 2010 12:00:00 CEST)

2.3.3.2. Magyar Telekom Minositett KET CA

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/QC

A qualified certificate issuing trust service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services, and under which are provided the relevant and related revocation and certificate validity status information services (e.g. CRLs, OCSP responses) in accordance with EU Directive 1999/93/EC or with Regulation (EU) No 910/2014 whichever is in force at the time of provision. This may also include generation and/or management of the associated private keys on behalf of the certified entity.

Service name: *English:* Magyar Telekom Minositett KET CA

Hungarian: Magyar Telekom Minositett KET CA

Service digital identity: *Subject key identifier:*

A7 70 6F 34 2C 9C 60 94 89 25 98 F1 2A 81 B8 55 BA AA F6 1A

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/supervisionincessation

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently in a cessation phase but still supervised until supervision is ceased or revoked. In the event a different person than the one identified in "TSP name" has taken over the responsibility of ensuring this cessation phase, the identification of this new or fallback person (fallback trust service provider) shall be provided in "Scheme service definition URI" (clause 5.5.6) and in the "TakenOverBy" extension (clause 5.5.9.3) of the service entry.
"Supervision of Service in Cessation" status shall be used when a TSP directly ceases its related services under supervision; it shall not be used when supervision has been revoked.

Status starting time: 2010-01-28T16:00:00.000Z (28 Jan 2010 17:00:00 CET)

2.3.3.3. Magyar Telekom Minositett KET CA

```
Provider: 3
Service: 3
History: 3/3
```

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/QC

A qualified certificate issuing trust service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services, and under which are provided the relevant and related revocation and certificate validity status information services (e.g. CRLs, OCSP responses) in accordance with EU Directive 1999/93/EC or with Regulation (EU) No 910/2014 whichever is in force at the time of provision. This may also include generation and/or management of the associated private keys on behalf of the certified entity.

Service name:

English: Magyar Telekom Minositett KET CA

Hungarian: Magyar Telekom Minositett KET CA

Service digital identity: *Subject key identifier:*

A7 70 6F 34 2C 9C 60 94 89 25 98 F1 2A 81 B8 55 BA AA F6 1A

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2007-07-26T07:41:20.000Z   (26 Jul 2007 09:41:20 CEST)

2.3.4. Magyar Telekom Fokozott CA

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.

Service name:

English: Magyar Telekom Fokozott CA

Hungarian: Magyar Telekom Fokozott CA

Service digital identity: *Subject key identifier:*

E5 96 84 7E C1 4F 8B 2F EB 65 0B A6 E2 5E 77 D9 94 D8 1E F5

Service digital identity: *Version:*

3

Serial number:

17 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

CN=Magyar Telekom Fokozott CA,OU=Magyar Telekom Trust Center,O=Magyar Telekom,C=HU

Issuer:

CN=Magyar Telekom Root CA,OU=Magyar Telekom Trust Center,O=Magyar Telekom Rt.,L=Budapest,C=HU

Subject key identifier:

E5 96 84 7E C1 4F 8B 2F EB 65 0B A6 E2 5E 77 D9 94 D8 1E F5

Authority key identifier:

CF AD CE 26 60 88 B9 30 2A D4 26 A5 72 10 EA 51 98 D0 D4 D3

Valid from:

2006-03-21T14:28:29.000Z   (21 Mar 2006 15:28:29 CET)

Valid to:

2015-12-31T14:28:29.000Z   (31 Dec 2015 15:28:29 CET)

Key usage:

digitalSignature, keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = no limit

Thumbprint:

SHA-1:

5C:86:34:A3:93:BE:F3:2C:51:5A:DF:02:2F:7A:4E:C4:B3:41:AE:B7

SHA-256:

81:35:4D:71:85:E8:17:70:FE:FC:6F:81:76:3F:E5:75:1D:52:FD:09:82:79:BF:15:90:4E:E0:ED:EA:49:B1:2B

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100B6AE3885FF368AEBA4C1E5A7849BB6B5AD101E3CC87FF7B182321402816725E99FA1436D06E9
7B96D4801E5F82AEE7B00BBA548DD871E7177E58F4B12ECB926D037532E359FF9956F22AAA09ED5E305492BD840636
847CA706FDDEC37B39267E0C3DACF5BFBAC6B196497B57A3D41A0AB935BED2FA3D0A448C11B0C2E0F568E1FE69BDF5
AAC97E6C90FF0EC2029E8ACF6BF6B1D8EBD56D37A67A6AEE1371CBFE5D71C522585AFAE2629E61B9C877DCB026DA1E
2678ACFC9C46A161EEF748708ABC7F4AB1EDD9685DDC209A6F8B2E905D708F1F69CC95CE4425FA9B37B9BFDD23ECE9
3C67785BCA0FE926F6AC659A4D6ADDE2390F7932B44546A4DA1E7A9FA08B0203010001

Certificate policies:

1.3.6.1.4.1.17835.7.1.2.8.2.1.12.1.2.1

CRL distribution points:

ldap://trustcenter.telekom.hu:389/cn=Magyar%20Telekom%20Root%20CA,c=HU
?certificateRevocationList?base?objectClass=certificationAuthority

http://www.eszigno.t-
systems.magyartelekom.hu/download_crl?issuer=Magyar%20Telekom%20Root%
20CA

PEM format:

-----BEGIN CERTIFICATE-----
MIIFFTCCA/2gAwIBAgIBETANBgkqhkiG9w0BAQUFADCBhDELMAkGA1UEBhMCSFUxETAPBgNVBAcT
CEJlZGFwZXN0MRswGQYDVQQKExJNYWd5YXIgVGVsZWtvbSBSdC4xJDAiBgNVBAsTG01hZ3lhciBU
ZWxla29tIFRydXN0DN0IENlbnRlcjEfMB0GA1UEAxMWTWFneWFyIFRlbGVrb20gUm9vdCBDQTAeFw0w
NjAzMjExNDI4MjlaFw0xNTEyMzExNDI4MjlaMHExCzAJBgNVBAYTAkhVMRcwFQYDVQQKEw5NYWd5
YXIgVGVsZWtvbTEkMCIGA1UECxMbTWFneWFyIFRlbGVrb20gVHJ1c3QgQ2VudGVyMSMwIQYDVQQD
ExpNYWd5YXIgVGVsZWtvbSBGb2tvem90dCBDQTCCASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoC
ggEBALauOIX/NorrpMHlp4SbtrWtEB48yH/3sYIyFAKBZyXpn6FDbQbpe5bUgB5fgq7nsAu6VI3Y
cecXflj0sS7Lkm0DdTLjWf+ZVvIqqgntXjBUkr2EBjaEfKcG/d7Dezkmfgw9rPW/usaxlkl7V6PU
Ggq5Nb7S+j0KRIwRsMLg9Wjh/mm99arJfmyQ/w7CAp6Kz2v2sdjr1W03pnpq7hNxy/5dccUiWFr6
4mKeYbnId9ywJtoeJnis/JxGoWHu90hwirx/SrHt2Whd3CCab4sukFlwjx9pzJX0RCX6mze5v90j
70k8Z3hbyg/pJvasZZpNat3iOQ95MrRFRqTaHnqfoIsCAwEAAaOCAaIwggGeMA4GA1UdDwEB/wQE
AwIBhjARBglghkgBhvhCAQEEBAMCAICwHQYDVR0OBBYEF0WwhH7BT4sv62ULpuJed9mU2B71MB8G
A1UdIwQYMBaAFM+tziZgiLkwKtQmpXIQ6lGY0NTTMA8GA1UdEwEB/wQFMAMBAf8wggEFBgNVHR8E
gf0wgfowgZGggY6ggYuGgYhsZGFwOi8vdHJlc3RjZW50ZXIudGVsZWtvbS5odToz0DkvY249TWFn
eWFyJTIwVGVsZWtvbSUyMFJvb3QlMjBDQSxjPUhVP2NlcnRpZmljYXRlUmV2b2NhdGlvbkxpc3Q/
YmFzZT9vYmplY3RDbGFzcz1jZXJ0aWZpY2F0aW9uQXV0aG9yaXR5MGSgSgYqBghl5odHRw0i8vd3d3
LmVzemlnbm8udC1zeXN0ZW1zLm1hZ3lhcnRlbGVrb20uaHUvZG93bmxvYWRfY3JsP2lzc3Vlcj1N
YWd5YXIlMjBUZWxla29tJTIwUm9vdCUyMENBMB8GA1UdIAQYMBYwFAYSKwYBBAGBiysHAQIIAgEM
AQIBMA0GCSqGSIb3DQEBBQUAA4IBAQCGwiNSpe8i89dUGcxqifrth6wKmXQCejeB1R0uoHcM5LPD
0NY272afljgNXH3Miu+e9leolf8YjZE2Knz8W2AHcBxjh28NJzPY/BZUw6C1jW46QmYjRwzixXTd
wfqlG6vuSxbMNH7rXM4Ac2GKtfBub+o+uEmHPe3l6cfSlSudzhiUWzYnKN6Z4JegSJUug2A9hKjl
qurDgH23mo7C3OSDDRfPyoVyet7ByRVliOCMd/vQQizuc2DznwA5RfnMMhW4bEtuQVTFpeKyFtkl
7gR6elTVZS1C1XVIuwqf9qpSM6af4uFXdA70TK0C69WFKGsn14aBi7R0buHP+j8FzHtA
-----END CERTIFICATE-----

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/deprecatedatnationallevel

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: http://eszigno.t-
systems.magyartelekom.hu/download_crl?issuer=Magyar%20Telekom%20Fokozo
tt%20CA

2.3.4.1. Magyar Telekom Fokozott CA

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

> *A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.*

Service name:

English: Magyar Telekom Fokozott CA

Hungarian: Magyar Telekom Fokozott CA

Service digital identity: *Subject key identifier:*

E5 96 84 7E C1 4F 8B 2F EB 65 0B A6 E2 5E 77 D9 94 D8 1E F5

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/supervisionceased

> *The validity of the supervision assessment has lapsed without the service identified in "Service digital identity" (see clause 5.5.3) being re-assessed. The service is currently not under supervision any more from the date of the current status as the service is understood to have ceased operations. "Supervision Ceased" status shall be used when a TSP directly ceases its related services under supervision; it shall not be used when supervision has been revoked.*

Status starting time: 2010-07-23T10:00:00.000Z   (23 Jul 2010 12:00:00 CEST)

2.3.4.2. Magyar Telekom Fokozott CA

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.

Service name:

English: Magyar Telekom Fokozott CA

Hungarian: Magyar Telekom Fokozott CA

Service digital identity: *Subject key identifier:*

E5 96 84 7E C1 4F 8B 2F EB 65 0B A6 E2 5E 77 D9 94 D8 1E F5

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/supervisionincessation

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently in a cessation phase but still supervised until supervision is ceased or revoked. In the event a different person than the one identified in "TSP name" has taken over the responsibility of ensuring this cessation phase, the identification of this new or fallback person (fallback trust service provider) shall be provided in "Scheme service definition URI" (clause 5.5.6) and in the "TakenOverBy" extension (clause 5.5.9.3) of the service entry.
"Supervision of Service in Cessation" status shall be used when a TSP directly ceases its related services under supervision; it shall not be used when supervision has been revoked.

Status starting time: 2010-01-28T16:00:00.000Z   (28 Jan 2010 17:00:00 CET)

2.3.4.3. Magyar Telekom Fokozott CA

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

> *A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.*

Service name:

English: Magyar Telekom Fokozott CA

Hungarian: Magyar Telekom Fokozott CA

Service digital identity: *Subject key identifier:*

E5 96 84 7E C1 4F 8B 2F EB 65 0B A6 E2 5E 77 D9 94 D8 1E F5

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2006-03-21T14:28:29.000Z   (21 Mar 2006 15:28:29 CET)

2.3.5. Matav Shared CA

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

> *A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.*

Service name:

English: Matav Shared CA

Hungarian: Matav Shared CA

Service digital identity: *Subject key identifier:*

82 90 0D DF 98 36 1E 09 4E 9B 68 99 25 53 D3 CE A4 A1 4C 1A

Service digital identity: *Version:*

3

Serial number:

132 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

CN=Matav Shared CA,OU=Matav Trust Center,O=Matav Rt.,C=HU

Issuer:

CN=Deutsche Telekom Root CA 1,OU=T-TeleSec Trust Center,O=Deutsche Telekom AG,C=DE

Subject key identifier:

82 90 0D DF 98 36 1E 09 4E 9B 68 99 25 53 D3 CE A4 A1 4C 1A

Authority key identifier:

14 31 E2 7F 9C CA 12 95 FB F1 70 20 DB 4D 28 13 71 42 61 C6

Valid from:

2003-02-10T12:10:00.000Z   (10 Feb 2003 13:10:00 CET)

Valid to:

2008-02-10T23:59:00.000Z   (11 Feb 2008 00:59:00 CET)

Key usage:

digitalSignature, keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = 1

Thumbprint:

SHA-1:

DF:62:0A:85:75:A4:62:AC:77:E6:CD:A0:AD:5D:AB:2A:A4:1B:0B:2A

SHA-256:

65:D1:A9:F1:2C:11:25:65:37:D1:C1:4E:6D:C1:E3:20:46:1E:EE:CF:B2:B4:29:48:FA:BA:9D:1A:29:7D:48:A2

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100DF2793952FCC39D3109674E8D2E9E39A3F3DE3BFD02CBAE6474AC108D2B09ECC23F086F548AC
B41F3FEFBE719287A97803BC4E192BFE9E86029F8825C79E4E966E7DB7CF9ECB1F64F3475234F642968FAD5FE9C35E
00855E98178DB9E2B3747661DD206625DE73C673CABAAF3A3DD7EF0FECEE37C4A6DE2237FE42937E0F11C93AC80C0B
54DB1ABD212387E51C65B9FD016039AC196632F3651004A392B59F2FF06DAAA844F0C2C8D6114F6D563F4355764527
39B0848813597B0F32A361E7C213D082F23400F15F9E4BF6E3CD1F33DD93506202AF9CD4347C766B2F7FBF0CB52FD9
6E79942A10D74E05FA5A8414663029777E65121BE9E87F78E242258C66CF0203010001

Certificate policies:

not present

CRL distribution points:

ldap://dir.hk.matav.hu/cn=Deutsche%20Telekom%20Root%20CA%201,ou=T-
TeleSec%20TrustCenter,o=Deutsche%20Telekom%20AG,c=DE?AuthorityRevoca
tionList

http://www.hk.matav.hu/cgi-bin/caservice/MatavSCA/download.crl?issuer=DT-
Root-CA-1&format=x509

PEM format:

-----BEGIN CERTIFICATE-----
MIIEPDCCA6WgAwIBAgICAIQwDQYJKoZIhvcNAQEFBQAwcTELMAkGA1UEBhMCREUxHDAaBgNVBAoT
E0RldXRzY2hlIFRlbGVrb20gQUcxHzAdBgNVBAsTFlQtVGVsZVNlYyBUcnVzdCBDZW50ZXIxIzAh
BgNVBAMTGkRldXRzY2hlIFRlbGVrb20gUm9vdCBDQSAxMB4XDTAzMDIxMDEyMTAwMFoXDTA4MDIx
MDIzNTkwMFowWDELMAkGA1UEBhMCSFUxEjAQBgNVBAoTCU1hdGF2IFJ0LjEbMBkGA1UECxMSTWF0
YXYgVHJlc3QgQ2VudGVyMRgwFgYDVQQDEw9NYXRhdiBTaGGFyZWQgQ0EwggEiMA0GCSqGSIb3DQEB
AQUAA4IBDwAwggEKAoIBAQDfJ5OVL8w50xCWdOjS6eOaPz3jv9AsuuZHSsEI0rCezCPwhvVIrLQf
P+++cZKHqXgDvE4ZK/6ehgKfiCXHnk6Wbn23z57LH2TzR1I09kKWj61f6cNeAIVemBeNueKzdHZh
3SBmJd5zxnPKuq86PdfvD+zuN8Sm3iI3/kKTfg8RyTrIDAtU2xq9ISOH5Rxluf0BYDmsGWYy82UQ
BKOStZ8v8G2qqETwwsjWEU9tVj9DVXZFJzmwhIgTWXsPMqNh58IT0ILyNADxX55L9uPNHzPdk1Bi
Aq+c1DR8dmsvf78MtS/ZbnmUKhDXTgX6WoQUZjApd35lEhvp6H944kIljGbPAgMBAAGjggF2MIIB
cjCCAQ0GA1UdHwSCAQQwggEAMIGXoIGUoIGRhoGObGRhcDovL2Rpci5oay5tYXRhdi5odS9jbj1E
ZXV0c2NoZSUyMFRlbGVrb20lMjBSb290JTIwQ0ElMjAxLCG91PVQtVGVsZVNlYyUyMFRydXN0Q2Vu
dGVyLG89RGV1dHNjaGUlMjBUZWxla29tJTIwUUcsYz1ERT9BdXRob3JpdHlSZXZvY2F0aW9uTGlz
dDBkoGKgYIZeaHR0cDovL3d3dy5oay5tYXRhdi5odS9jZ2ktYmluL2Nhc2VydmljZS9NYXRhdlND
QS9kb3dubG9hZC5jcmw/aXNzdWVyPURULVJvb3Q0Q0EtMSZmb3JtYXQ9eDUwOTADBgNVHQ4EFgQU
gpAN35g2HglOm2iZJVPTzqShTBowHwYDVR0jBBgwFoAUFDHif5zKEpX78XAg200oE3FCYcYwDgYD
VR0PAQH/BAQDAgGGMA8GA1UdEwQIMAYBAf8CAQEwDQYJKoZIhvcNAQEFBQADgYEAW1TYqcvLAvhh
FJR3hez2yCHirj9N+noShHG79G9m1RIurxIzMKjO8O6KKaYvq+L2hhcS0yXPeRiVHFjSqIjSKeMn
tgA0ibibcAlMGqCITbC+H79npEqi/gxGGYpTWfKoDZBxVmOMS+wy8VkEFHxrKqh+qtrxg7Yqjah+
3VDtaiY=
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/deprecatedatnationallevel

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

2.3.5.1. Matav Shared CA

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.

Service name:

English: Matav Shared CA

Hungarian: Matav Shared CA

Service digital identity:

Subject key identifier:

82 90 0D DF 98 36 1E 09 4E 9B 68 99 25 53 D3 CE A4 A1 4C 1A

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/supervisionceased

The validity of the supervision assessment has lapsed without the service identified in "Service digital identity" (see clause 5.5.3) being re-assessed. The service is currently not under supervision any more from the date of the current status as the service is understood to have ceased operations. "Supervision Ceased" status shall be used when a TSP directly ceases its related services under supervision; it shall not be used when supervision has been revoked.

Status starting time: 2006-03-21T14:28:28.000Z   (21 Mar 2006 15:28:28 CET)

2.3.5.2. Matav Shared CA

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

> *A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.*

Service name:

English: Matav Shared CA

Hungarian: Matav Shared CA

Service digital identity: *Subject key identifier:*

82 90 0D DF 98 36 1E 09 4E 9B 68 99 25 53 D3 CE A4 A1 4C 1A

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2003-02-10T12:10:00.000Z   (10 Feb 2003 13:10:00 CET)

2.3.6. Magyar Telekom Root CA

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.

Service name:

English: Magyar Telekom Root CA

Hungarian: Magyar Telekom Root CA

Service digital identity: *Subject key identifier:*

CF AD CE 26 60 88 B9 30 2A D4 26 A5 72 10 EA 51 98 D0 D4 D3

Service digital identity: *Version:*

3

Serial number:

1 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

CN=Magyar Telekom Root CA,OU=Magyar Telekom Trust Center,O=Magyar Telekom Rt.,L=Budapest,C=HU

Issuer:

CN=Magyar Telekom Root CA,OU=Magyar Telekom Trust Center,O=Magyar Telekom Rt.,L=Budapest,C=HU

Subject key identifier:

CF AD CE 26 60 88 B9 30 2A D4 26 A5 72 10 EA 51 98 D0 D4 D3

Authority key identifier:

CF AD CE 26 60 88 B9 30 2A D4 26 A5 72 10 EA 51 98 D0 D4 D3

Valid from:

2005-06-28T23:00:00.000Z   (29 Jun 2005 01:00:00 CEST)

Valid to:

2025-06-28T23:00:00.000Z   (29 Jun 2025 01:00:00 CEST)

Key usage:

digitalSignature, keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = no limit

Thumbprint:

SHA-1:

D0:A8:8C:AF:91:3F:40:E8:40:03:71:BF:A5:29:88:E5:CD:79:D5:9C

SHA-256:

09:1C:04:95:2F:8E:60:02:D3:2E:8F:BA:74:05:15:9C:98:D7:32:3A:A0:95:1C:71:DF:34:8A:9B:AC:53:0E:04

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100A1CC0F40E25D74B46A7A92EF96E1960E825A9C3F7720308F7406FC30CBA98CE8674698BB5BE2
D3C95B49E7FED5C1912079814CD4BF6573D2C4F08529914B4B74288900380BA1CDF5177DBCB90CEA9977D4695BED32
34C76ECE05F37EDD4572D83E97538110AD459BAE067CC2E9E44B604ECF4A4F48C8B051910554F1064D31333B12361A
232EB6237680D3406358BB73302C0ADC8B1C3EEB4531CDC26382EBF9D3B1696D83DD23B65206A775382E41233D2B8F
9C515C83F4DB198A66FCEEA8FBDCD0C42BA1AB5FC3C6044964E7EB21B9DB4363DCCA6244B771D5206006DA848CE451
785FCD99708B34C1B6C0252B4E1AF40805628131DCFF17F34D4FEC2D837F0203010001

Certificate policies:

not present

CRL distribution points:

not present

PEM format:

-----BEGIN CERTIFICATE-----
MIID+zCCAuOgAwIBAgIBATANBgkqhkiG9w0BAQUFADCBhDELMAkGA1UEBhMCSFUxETAPBgNVBAcT
CEJlZGFwZXN0MRswGQYDVQQKExJNYWd5YXIgVGVsZWtvbSBSdC4xJDAiBgNVBAsTG01hZ3lhciBU
ZWxla29tIFRydXN0N0IENlbnRlcjEfMB0GA1UEAxMWTWFneWFyIFRlbGVrb20gUm9vdCBDQTAeFw0w
NTA2MjgyMzAwMDBaFw0yNTA2MjgyMzAwMDBaMIGEMQswCQYDVQQGEwJIVTERMA8GA1UEBxMIQnVk
YXBlc3QxGzAZBgNVBAoTEk1hZ3lhciBUZWxla29tIFJ0LjEkMCIGA1UECxMbTWFneWFyIFRlbGVr
b20gVHJ1c3QgQ2VudGVyMR8wHQYDVQQDExZNYWd5YXIgVGVsZWtvbSBSb290IENBMIIBIjANBgkq
hkiG9w0BAQEFAAOCAQ8AMIIBCgKCAQEAocwPQOJddLRqepLvluGWDoJanD93IDCPdAb8MMupjOhn
Rpi7W+LTyVtJ5/7VwZEgeYFM1L9lc9LE8IUpkUtLdCiJADgLoc31F328uQzqmXfUaVvtMjTHbs4F
837dRXLYPpdTgRCtRZuuBnzC6eRLYE7PSk9IyLBRkQVU8QZNMTM7EjYaIy62I3aA00BjWLtzMCwK
3IscPutFMc3CY4Lr+dOxaW2D3SO2UgandTguQSM9K4+cUVyD9NsZimb87qj73NDEK6GrX8PGBElk
5+shudtDY9zKYkS3cdUgYAbahIzkUXhfzZlwizTBtsAlK04a9AgFYoEx3P8X801P7C2DfwIDAQAB
o3YwdDARBglghkgBhvhCAQEEBAMCAAcwDwYDVR0TAQH/BAUwAwEB/zAdBgNVHQ4EFgQUz63OJmCI
uTAq1CalchDqUZjQ1NMwHwYDVR0jBBgwFoAUz63OJmCIuTAq1CalchDqUZjQ1NMwDgYDVR0PAQH/
BAQDAgGGMA0GCSqGSIb3DQEBBQUAA4IBAQAIfnQbEAkZ2Rfk1P9Qas3ybfdbilTBeLFD4CTybGO9
IDBEwNgJ40oDuE1BjE39FaxRVFQ3cTttgPKU4mbgJ6ErngUW5vTcQ9q8V5z6ti9HlvvKwlMscjAg
yPV4c0KQWM0Kp1bh3AKtdlnpcoUr0tSwqJJyknhbBRLYLI9el3LS2co7nh4VnQI6Ep6d7yPsyij4
hxGzsUjxyJWyrgvl7daK4jSbhB9133ZirphcQMmDbGf4ZX2P9RJYJKhhUubW2phik8YVQ3Pq3Mnx
wCeT5NR7efBPCRqn6M1QUt3Npl0XJ6CBZ/vXRZ5Y5VRFSUwfP9QgCXuyxTucYRzXS5OYgWAi
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/deprecatedatnationallevel

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

2.3.6.1. Magyar Telekom Root CA

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.

Service name:

English: Magyar Telekom Root CA

Hungarian: Magyar Telekom Root CA

Service digital identity: *Subject key identifier:*

CF AD CE 26 60 88 B9 30 2A D4 26 A5 72 10 EA 51 98 D0 D4 D3

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/supervisionceased

The validity of the supervision assessment has lapsed without the service identified in "Service digital identity" (see clause 5.5.3) being re-assessed. The service is currently not under supervision any more from the date of the current status as the service is understood to have ceased operations. "Supervision Ceased" status shall be used when a TSP directly ceases its related services under supervision; it shall not be used when supervision has been revoked.

Status starting time: 2011-11-29T10:31:50.000Z   (29 Nov 2011 11:31:50 CET)

2.3.6.2. Magyar Telekom Root CA

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.

Service name:

English: Magyar Telekom Root CA

Hungarian: Magyar Telekom Root CA

Service digital identity: *Subject key identifier:*

CF AD CE 26 60 88 B9 30 2A D4 26 A5 72 10 EA 51 98 D0 D4 D3

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2005-06-28T23:00:00.000Z   (29 Jun 2005 01:00:00 CEST)

2.3.7. Magyar Telekom RootCA 2011

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.

Service name:

English: Magyar Telekom RootCA 2011

Hungarian: Magyar Telekom RootCA 2011

Service digital identity: *Subject key identifier:*

B2 B9 9B 74 0F A0 B2 7C 7C 58 25 97 92 F7 44 7D 96 0B D7 03

Service digital identity: *Version:*

3

Serial number:

1 (decimal)

Signature algorithm:

SHA512withRSA (1.2.840.113549.1.1.13)

Subject:

CN=Magyar Telekom RootCA 2011,O=Magyar Telekom,C=HU

Issuer:

CN=Magyar Telekom RootCA 2011,O=Magyar Telekom,C=HU

Subject key identifier:

B2 B9 9B 74 0F A0 B2 7C 7C 58 25 97 92 F7 44 7D 96 0B D7 03

Authority key identifier:

not present

Valid from:

2011-11-29T10:31:50.000Z   (29 Nov 2011 11:31:50 CET)

Valid to:

2031-11-29T10:31:50.000Z   (29 Nov 2031 11:31:50 CET)

Key usage:

digitalSignature, keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = no limit

Thumbprint:

SHA-1:

B7:1B:EF:DB:36:94:C6:3A:1A:6C:B5:EF:35:65:60:5E:C0:0E:18:1C

SHA-256:

6B:68:55:CF:B3:69:04:38:32:B2:B5:BF:4C:72:7D:4F:93:C5:56:F8:CD:A5:A7:3D:99:3E:A0:57:26:4E:59:8E

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A028201010088F4447CC58AC2013A1272C00EE5AE41EFFF8A671788AA4742083EE43E0527DC988D69CC45DD
5C81EFBED8EF29786E8FCF2DFA5E24C86600F10533C3FAD7A17EEB59397F339384784EBC5B1DA1397DB59887AD0DE8
F88A9CE50221DF65B36E0E3415554972D1330D6F54D0023B9AE6AD05385C7329A886188699016ABF5CB086BDE3A32D
716CC1798E7B1F71E00354D25C76D077102F93D975D6F614652E662A82778BBC898E05D5A3213499FF7765A6CFC1B7
22CC7BDE8228B8C430C6BC7CD19D5576F04C83FD2D24B5D8400AC27895BA82548403BB24702158432D90F37B26D468
7BD9E51F01AD182B43D9EFCEA829CF8312899FCC28D2079FE522452F65250203010001

Certificate policies:

not present

CRL distribution points:

not present

PEM format:

```
-----BEGIN CERTIFICATE-----
MIIDUzCCAjugAwIBAgIBATANBgkqhkiG9w0BAQ0FADBLMQswCQYDVQQGEwJIVTEXMBUGA1UECgwO
TWFneWFyIFRlbGVrb20xIzAhBgNVBAMMGk1hZ3lhciBUZWxla29tIFJvb3RRQSAyMDExMB4XDTEx
MTEyOTEwMzE1MFoXDTMxMTEyOTEwMzE1MFowSzELMAkGA1UEBhMCSFUxFzAVBgNVBAoMDk1hZ3lh
ciBUZWxla29tMSMwIQYDVQQDDBpNYWd5YXIgVGVsZWtvbSBSb29QQ0EgMjAxMTCCASIwDQYJKoZI
hvcNAQEBBQADggEPADCCAQoCggEBAIj0RHzFisIBOhJywA7lrkHv/4pnF4iqR0IIPuQ+BSfcmIIp
zEXdXIHvvtjvKXhuj88t+l4kyGYA8QUzw/rXoX7rWTl/M5OEeE68Wx2hOX21mIetDej4ipzlAiHf
ZbNuDjQVVUly0TMNb1TQAjua5q0FOFxzKaiGGIaZAWq/XLCGveOjLXFswXmOex9x4ANU0lx20HcQ
L5PZddb2FGUuZiqCd4u8iY4F1aMhNJn/d2Wmz8G3Isx73oIouMQwxrx80Z1VdvBMg/0tJLXYQArC
eJW6glSEA7skcCFYQy2Q83sm1Gh72eUfAa0YK0PZ786oKc+DEomfzCjSB5/lIkUvZSUCAwEAAaNC
MEAwDwYDVR0TAQH/BAUwAwEB/zAOBgNVHQ8BAf8EBAMCAYYwHQYDVR00BBYEFLK5m3QPoLJ8fFgl
l5L3RH2WC9cDMA0GCSqGSIb3DQEBDQUAA4IBAQBKT9tkBHFWLCcoV2KvD6ppvlAPvFgbhJS2NZW8
l4vSy6ZLfj1N8bh37zPWxyXTZogv0RcSUWeB1LY6rWevJJAYlatV9miTRx7lNAPByZX5I92vp7bP
LufVDJwKK0eqNQhd3DunEbeDM40ravexevR+3jsG/ogCTs244p04CV9M+CY9WCFq/Zx4Lkna9N+v
B0zPM1XALfsKVk2zgRWGuMh7M2o3ps6ZjRRNmnJUPacw4YXlXRf0ZPRuf4zPwY3YyGQXOhgHbR1K
pAJD99Fs+YXZB6lGDeM+dyVy4RfDzvm4tOmeV5esiB18L423NgP9cpg57DXvcZX3NUXzeciiOwdd

-----END CERTIFICATE-----
```

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/recognisedatnationallevel

For trust services listed under a service type specified in clause 5.5.1.2: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved" status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in Regulation (EU) No 910/2014 and the applicable national legislation.

For NationalRootCA-QC type: The service is set by national law in accordance with the applicable European legislation and operated by the responsible national body issuing root-signing or qualified certificates to accredited trust service providers.

For other trust services listed under a service type specified in clause 5.5.1.3: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved"status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in the applicable national legislation.

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

2.3.7.1. Magyar Telekom RootCA 2011

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

> *A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.*

Service name: *English:*   Magyar Telekom RootCA 2011

   Hungarian: Magyar Telekom RootCA 2011

Service digital identity: *Subject key identifier:*

B2 B9 9B 74 0F A0 B2 7C 7C 58 25 97 92 F7 44 7D 96 0B D7 03

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2011-11-29T10:31:50.000Z   (29 Nov 2011 11:31:50 CET)

2.3.8. TSA1

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name: *English:* TSA1

Hungarian: TSA1

Service digital identity: *Subject key identifier:*

F4 0B B6 82 5D 03 67 5B A2 A0 A9 9B C5 79 FC 98 38 02 91 03

Service digital identity: *Version:*

3

Serial number:

140 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

CN=TSA1,OU=nCipher DSE ESN:36D0-0FEE-937C,OU=TTI,O=Magyar Telekom,L=Budapest,C=HU

Issuer:

CN=Magyar Telekom Root CA,OU=Magyar Telekom Trust Center,O=Magyar Telekom Rt.,L=Budapest,C=HU

Subject key identifier:

F4 0B B6 82 5D 03 67 5B A2 A0 A9 9B C5 79 FC 98 38 02 91 03

Authority key identifier:

CF AD CE 26 60 88 B9 30 2A D4 26 A5 72 10 EA 51 98 D0 D4 D3

Valid from:

2010-11-03T11:41:24.000Z   (03 Nov 2010 12:41:24 CET)

Valid to:

2015-11-03T11:41:24.000Z   (03 Nov 2015 12:41:24 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

C2:0A:9F:0D:96:F7:6C:59:69:18:47:9B:B7:DA:DC:78:DA:05:5F:EA

SHA-256:

77:D1:87:2E:61:62:05:7B:C7:8D:EC:C9:06:82:62:63:24:AA:B2:A5:D6:EC:B3:B1:A3:B9:16:3F:50:A5:98:EE

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100CBBA60791B5349044BC10841ECB2DFD840748835832D35326CE3D898FCF6480B13BDD5AE422E
5734454B1C8130C857980738F1D303F34A7608603570029B17AD20F5E9AA023132EE633955AFD8A3445DC7ED433E8E
0726744D30907729D771449CD0B8017159E0F104D59372D8A6400E3F7CACD63AF3A46834B8B305DF0CAE9C4E0A4218
057311BC94C62B3CD7339BA93F6265A769107A06B3E8C35EB8234FDAC775F8E9D604E3358319AF5541B289222CA3ED
B336D4FC2089FEC2221F9CA85FF3C3948E79B532C5A1525D807B367857167E78F5A2AA1A7D0B6ADA0050C4009969A4
5C66EE415B7DC6F92124E4717E9A65622A2BB8161D0C446A676DE426FA1D0203010001

Certificate policies:

1.3.6.1.4.1.17835.7.1.2.8.2.1.12.1.2.1

CRL distribution points:

http://eszigno.t-
systems.magyartelekom.hu/download_crl?issuer=Magyar%20Telekom%20Root%
20CA

ldap://trustcenter.magyartelekom.hu:389/cn=Magyar%20Telekom%20Root%20C
A,c=HU?certificateRevocationList?base?objectClass=certificationAuthority

PEM format:

-----BEGIN CERTIFICATE-----
MIIFKDCCBBCgAwIBAgICAIwwDQYJKoZIhvcNAQEFBQAwgYQxCzAJBgNVBAYTAkhVMREwDwYDVQQH
EwhCdWRhcGVzdDEbMBkGA1UEChMSTWFneWFyIFRlbGVrb20gUnQuMSQwIgYDVQQLExtNYWd5YXIg
VGVsZWtvbSBUcnVzdCBDZW50ZXIxHzAdBgNVBAMTFk1hZ3lhciBUZWxla29tIFJvb3QgQ0EwHhcN
MTAxMTAzMTE0MTI0WhcNMTUxMTAzMTE0MTI0WjB/MQswCQYDVQQGEwJIVTERMA8GA1UEBwwIQnVk
YXBlc3QxFzAVBgNVBAoMDk1hZ3lhciBUZWxla29tMQwwCgYDVQQLDANUVEkxJzAlBgNVBAsMHm5D
aXBoZXIgRFNFIEVTTj0zNkQwLTBGRUUtOTM3QzENMAsGA1UEAwwEVFNBMTCCASIwDQYJKoZIhvcN
AQEBBQADggEPADCCAQoCggEBAMu6YHkbU0kES8EIQeyy39hAdIg1gy01Mmzj2Jj89kgLE73VrkIu
VzRFSxyBMMhXmAc48dMD80p2CGA1cAKbF60g9emqAjEy7mM5Va/Yo0Rdx+1DPo4HJnRNMJB3Kddx
RJzQuAFxWeDxBNWTctimQA4/fKzW0v0kaDS4swXfDK6cTgpCGAVzEbyUxis81z0bqT9iZadpEHoG
s+jDXrgjT9rHdfjp1gTjNYMZr1VBsokiLKPtszbU/CCJ/sIiH5yoX/PDlI55tTLFoVJdgHs2eFcW
fnj1oqoafQtq2gBQxACZaaRcZu5BW33G+SEk5HF+mmViKiu4Fh0MRGpnbeQm+h0CAwEAAaOCAaYw
ggGiMB8GA1UdIwQYMBaAFM+tziZgiLkwKtQmpXIQ6lGY0NTTMB0GA1UdDgQWBBT0C7aCXQNnW6Kg
qZvFefyYOAKRAzAMBgNVHRMBAf8EAjAAMIIBBwYDVR0fBIH/MIH8MGCgXqBchlpodHRwOi8vZXN6
aWduby50LXN5c3RlbXMubWFneWFydGVsZWtvbS5odS9kb3dubG9hZF9jmw/aXNzdWVyPU1hZ3lh
ciUyMFRlbGVrb20lMjBSb29JTIwQ0EwZeggZSggZGGgY5sZGFwOi8vdHJ1c3RjZW50ZXIubWFn
eWFydGVsZWtvbS5odToz0DkvY249TWFneWFyJTIwVGVsZWtvbSUyMFJvb3QlMjBDQSxjPUhVP2Nl
cnRpZmljYXRlUmV2b2NhdGlvbkxpc3Q/YmFzZT9vYmplY3RDbGFzcz1jZXJ0aWZpY2F0aW9uQXV0
aG9yaXR5MBYGA1UdJQEB/wQMMAoGCCsGAQUFBwMIMA4GA1UdDwEB/wQEAwIGwDAfBgNVHSAEGDAW
MBQGEisGAQQBgYsrBwECCAIBDAECATANBgkqhkiG9w0BAQUFAAOCAQEAnnESgUAoP8/JJGeM07oD
n56XB6CzFD+Wpaz8jxOeZfmFqqzEs/k9QUg/+7g1rjACPKowB+elGicB7EhCan1VlMgLJnjrgcfh
IWsdRdm8h1oNYi/FpHz46zhcwFh4x3nzhtEHQzFeLerjgw8hdLTz5f6iCelIDG5VY5sxZUVA0GCF
4Ftn8JkEuWfmm+GCcPzw23mLhjRMcRE+xmjn3mNse9ojKpTkFnGDL+aBmbqiA08/LZGyvYQYe/A7
z6FvU+3cwwYCs0XE3tOarTk9/JbmoqpvwGcvkg4Plfis7bCAhKFF/rPOCczqoYw3Pny/Xjaxc4nH
mvlB9AEhyc3GrMCuOg==
-----END CERTIFICATE-----

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

> *In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.*

Status starting time: 2016-06-30T22:00:00.000Z (01 Jul 2016 00:00:00 CEST)

2.3.8.1. TSA1

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name: *English:* TSA1

Hungarian: TSA1

Service digital identity: *Subject key identifier:*

F4 0B B6 82 5D 03 67 5B A2 A0 A9 9B C5 79 FC 98 38 02 91 03

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/supervisionceased

> *The validity of the supervision assessment has lapsed without the service identified in "Service digital identity" (see clause 5.5.3) being re-assessed. The service is currently not under supervision any more from the date of the current status as the service is understood to have ceased operations. "Supervision Ceased" status shall be used when a TSP directly ceases its related services under supervision; it shall not be used when supervision has been revoked.*

Status starting time: 2012-12-12T11:00:00.000Z   (12 Dec 2012 12:00:00 CET)

2.3.8.2. TSA1

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name: *English:* TSA1

                    Hungarian: TSA1

Service digital identity: *Subject key identifier:*

F4 0B B6 82 5D 03 67 5B A2 A0 A9 9B C5 79 FC 98 38 02 91 03

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2010-11-03T11:41:24.000Z   (03 Nov 2010 12:41:24 CET)

2.3.9. TSA1

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name:

English: TSA1

Hungarian: TSA1

Service digital identity: *Subject key identifier:*

24 47 0C FA 70 1F 09 EE 12 AA 7D 32 27 E1 74 0E A0 43 62 34

Service digital identity: *Version:*

3

Serial number:

102 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

CN=TSA1,OU=nCipher DSE ESN:36D0-0FEE-937C,OU=TTI,O=Magyar Telekom,L=Budapest,C=HU

Issuer:

CN=Magyar Telekom Root CA,OU=Magyar Telekom Trust Center,O=Magyar Telekom Rt.,L=Budapest,C=HU

Subject key identifier:

24 47 0C FA 70 1F 09 EE 12 AA 7D 32 27 E1 74 0E A0 43 62 34

Authority key identifier:

CF AD CE 26 60 88 B9 30 2A D4 26 A5 72 10 EA 51 98 D0 D4 D3

Valid from:

2009-02-06T11:21:57.000Z   (06 Feb 2009 12:21:57 CET)

Valid to:

2014-02-06T11:21:57.000Z   (06 Feb 2014 12:21:57 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

61:72:3B:A3:3C:7D:1B:54:3C:21:51:03:3F:19:48:8A:3C:6F:44:9C

SHA-256:

59:31:79:60:F7:4F:45:B5:84:26:73:1B:23:E2:0D:A0:6F:4B:D4:9F:8D:6E:43:AD:DE:C7:27:7C:5B:52:09:3A

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100AF9E5A008882610B3290998E10F91BB8FFAD2C3918A09EF60ED887C70DB677A3E7C419BF464D
C9E01A3B040A6EF7D1E0A04EEC7EF17E2ECFBABA944A7EAF6D9FD71CE742B12A353554FC2E0876E6D1DFD1BF8BADBF
8F7F83E752BA02F8D42F0783C62BC80E476CD3326EF139425ADF04689B4AA27EF54666C7CD2AF03D3C3E322F481A8E
D076AD93702470F847F0D99BE4ACC290AFFF2F62703E2D2AAD34B1F35C9CD63D634351419457237EE7CFBA53B42411
12CB1B6922E0E16746D8FBB055FF55C37667357EA9C5A8CB87390863124A20C5286FE156A950BC9B49B0BB437FC2AD
F619463C4DBD5F3C060743B78E277BE5C7FDA756FCEF431BBFA6F66FA20102030100001

Certificate policies:

1.3.6.1.4.1.17835.7.1.2.8.2.1.12.1.2.1

CRL distribution points:

http://eszigno.t-
systems.magyartelekom.hu/download_crl?issuer=Magyar%20Telekom%20Root%
20CA

ldap://trustcenter.magyartelekom.hu:389/cn=Magyar%20Telekom%20Root%20C
A,c=HU?certificateRevocationList?base?objectClass=certificationAuthority

PEM format:

```
-----BEGIN CERTIFICATE-----
MIIFJzCCBA+gAwIBAgIBZjANBgkqhkiG9w0BAQUFADCBhDELMAkGA1UEBhMCSFUxETAPBgNVBAcT
CEJ1ZGFwZXN0ME0RswGQYDVQQKExJNYWd5YXIgVGVsZWtvbSBSdC4xJDAiBgNVBAsTG01hZ3lhciBU
ZWxla29tIFRydXN0IENlbnRlcjEfMB0GA1UEAxMWTFneWFyIFRlbGVrb20gUm9vdCBDQTAeFw0w
OTAyMDYxMTIxNTdaFw0xNDAyMDYxMTIxNTdaMH8xCzAJBgNVBAYTAkhVMREwDwYDVQQHDAhCdWRh
cGVzdDEXMBUGA1UECgwOTWFneWFyIFRlbGVrb20xDDAKBgNVBAsMA1RUSTEnMCUGA1UECwwebkNp
cGhlciBEU0UgRVNO0jM2RDAtMEZFRS05MzdDMQ0wCwYDVQQDDARUU0ExMIIBIjANBgkqhkiG9w0B
AQEFAAOCAQ8AMIIBCgKCAQEAr55aAIiCYQsykJm0EPkbuP+tLDkYoJ72DtiHxw22d6PnxBm/Rk3J
4Bo7BApu99HgoE7sfvF+Ls+6upRKfq9tn9cc50KxKjU1VPwuCHbm0d/Rv4utv49/g+dSugL41C8H
g8YryA5HbNMybvE5QlrfBGibSqJ+9UZmx80q8D08PjIvSBq00Hatk3AkcPhH8Nmb5KzCkK//L2Jw
Pi0qrTSx81yc1j1jQ1FBlFcjfufPul00JBESyxtpIuDhZ0bY+7BV/1XDdmc1fqnFqMuH0QhjEkog
xShv4VapULybSbC7Q3/CrfYZRjxNvV88BgdDt44ne+XH/adW/O9DG7+m9m+iAQIDAQABo4IBpjCC
AaIwHwYDVR0jBBgwFoAUz63OJmCIuTAq1CalchDqUZjQ1NMwHQYDVR00BBYEFCRHDPpwHwnuEqp9
MifhdA6gQ2I0MAwGA1UdEwEB/wQCMAAwggEHBgNVHR8Egf8wgfwwYKBeoFyGWmh0dHA6Ly9lc3pp
Z25vLnQtc3lzdGGVtcy5tYWd5YXJ0ZWxla29tLmh1L2Rvd25sb2FkX2NybD9pc3N1ZXI9TWFneWFy
JTIwVGVsZWtvbSUyMFJvb3QlMjBDQTCBl6CBlKCBkYaBjmxkYXA6Ly90cnVzdGNlbnRlci5tYWd5
YXJ0ZWxla29tLmh1OjM4OS9jbj1NYWd5YXIlMjBUZWxla29tJTIwUm9vdCUyMENBLGM9SFU/Y2Vy
dGlmaWNhdGVSZXZvY2F0aW9uTGlzdD9iYXNlP29iamVjdENsYXNzPWNlcnRpZmljYXRpb25BdXRo
b3JpdHkwFgYDVR0lAQH/BAwwCgYIKwYBBQUHAwgwDgYDVR0PAQH/BAQDAgbAMB8GA1UdIAQYMBYw
FAYSKwYBBAGBiysHAQIIAgEMAQIBMA0GCSqGSIb3DQEBBQUAA4IBAQAlPExbK0GE0lqVad/bZ20O
Ledfo7fFDuzuV8/Sds55Z20l3lHibwvvl7k/f49nHQ8Se4NeqvjPbYHIhwjYjpIEibN+5qm9rS2c
WZ4UJA69D4e40W25gVwbLlGWNkNK1UUcdQ+uY94R5Yyi8uJKl4c0XcZpSV+8jAKzS6jRM4K6P8KR
Y4erYTpDhFlyab0WKbI05/YoJX/vP2gu4oQcAfnGJZ/nVdH+T7/7aJYfLO7VfybYzBBB3YT80X9Q
eMct5H+3IXwPrK+qs5sBouiRn4jg9JcU4dxEkEFZ+RjioluU0BLWnU42k0atredE8JrMwXZhGvna
kXx6aVUenAC5/vor
-----END CERTIFICATE-----
```

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

2.3.9.1. TSA1

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name: *English:* TSA1

   Hungarian: TSA1

Service digital identity: *Subject key identifier:*

24 47 0C FA 70 1F 09 EE 12 AA 7D 32 27 E1 74 0E A0 43 62 34

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/supervisionceased

The validity of the supervision assessment has lapsed without the service identified in "Service digital identity" (see clause 5.5.3) being re-assessed. The service is currently not under supervision any more from the date of the current status as the service is understood to have ceased operations. "Supervision Ceased" status shall be used when a TSP directly ceases its related services under supervision; it shall not be used when supervision has been revoked.

Status starting time: 2010-11-29T11:00:00.000Z   (29 Nov 2010 12:00:00 CET)

2.3.9.2. TSA1

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name: *English:* TSA1

Hungarian: TSA1

Service digital identity: *Subject key identifier:*

24 47 0C FA 70 1F 09 EE 12 AA 7D 32 27 E1 74 0E A0 43 62 34

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2009-02-06T11:21:57.000Z   (06 Feb 2009 12:21:57 CET)

2.3.10. TSA1

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name:　　　*English:* TSA1

　　　　　　　　　Hungarian: TSA1

Service digital identity:　*Subject key identifier:*

20 C1 03 C0 F6 1E 3F DB DF 28 4A D8 24 8D B1 8C 9D B3 65 5F

Service digital identity:　*Version:*

3

Serial number:

90 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

CN=TSA1,OU=nCipher DSE ESN:36D0-0FEE-937C,OU=TTI,O=Magyar Telekom,L=Budapest,C=HU

Issuer:

CN=Magyar Telekom Root CA,OU=Magyar Telekom Trust Center,O=Magyar Telekom Rt.,L=Budapest,C=HU

Subject key identifier:

20 C1 03 C0 F6 1E 3F DB DF 28 4A D8 24 8D B1 8C 9D B3 65 5F

Authority key identifier:

CF AD CE 26 60 88 B9 30 2A D4 26 A5 72 10 EA 51 98 D0 D4 D3

Valid from:

2008-06-19T07:23:11.000Z　　(19 Jun 2008 09:23:11 CEST)

Valid to:

2009-06-19T07:23:11.000Z　　(19 Jun 2009 09:23:11 CEST)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

7E:4D:91:E7:6F:08:3C:58:69:F6:79:C2:19:95:56:73:1E:9D:96:BC

SHA-256:

C9:C1:E6:B4:A1:6C:C6:43:AF:C3:38:31:5A:E0:A6:73:7A:72:5E:17:23:9E:02:42:C3:61:86:40:4E:25:F9:E7

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100E1491E9F920E9F6B4C2C3231856B3914EBD827165363300154B6A61045A33C0CC6C64C892FDF
1CB18EF6E9DE6F980157AB3719E636B6D711379D8EB3CC90679F9B0C3D58C6F5BE388901D40E707F096D77738CD085
F76885CE22F198E882547678AA64CD970462C3DDB9A91EB61EE95791C7ECAB10AE7CCB81F0C2F7696271A3D4B41B83
25D8441D438AC95667A9692BF93A694EC6A6375645A340C5AEC092C0052C2970F78A0FFD186F1FCD7CC8B83D173E28
25EC3E8A608B62D74A920C7861EF44EA3FC5FD38414EC1C3C37ED4E6E83F5D068005422BA87B2F4346D09DEE1E621A
A6C0056300985D9F703C401FCA3E786804B3053524327156FEC04514A0430203010001

Certificate policies:

1.3.6.1.4.1.17835.7.1.2.8.2.1.12.1.2.1

CRL distribution points:

http://eszigno.t-
systems.magyartelekom.hu/download_crl?issuer=Magyar%20Telekom%20Root%
20CA

ldap://trustcenter.magyartelekom.hu:389/cn=Magyar%20Telekom%20Root%20C
A,c=HU?certificateRevocationList?base?objectClass=certificationAuthority

PEM format:

-----BEGIN CERTIFICATE-----
MIIFJzCCBA+gAwIBAgIBWjANBgkqhkiG9w0BAQUFADCBhDELMAkGA1UEBhMCSFUxETAPBgNVBAcT
CEJlZGFwZXN0MRswGQYDVQQKExJNYWd5YXIgVGVsZWtvbSBSdC4xJDAiBgNVBAsTG01hZ3lhciBU
ZWxla29tIFRydXN0IENlbnRlcjEfMB0GA1UEAxMWTWFneWFyIFRlbGVrb20gUm9vdCBDQTAeFw0w
ODA2MTkwNzIzMTFaFw0wOTA2MTkwNzIzMTFaMH8xCzAJBgNVBAYTAkhVMREwDwYDVQQHDAhCdWRh
cGVzdDEXMBUGA1UECgwOTWFneWFyIFRlbGVrb20xDDAKBgNVBAsMA1RUSTEnMCUGA1UECwwebkNp
cGhlciBEU0UgUgVRVNO0OjM2RDAtMEZFRS05MzdDMQ0wCwYDVQQDDARUU0ExMIIBIjANBgkqhkiG9w0B
AQEFAAOCAQ8AMIIBCgKCAQEA4Uken5IOn2tMLDIxhWs5FOvYJxZTYzABVLamEEWjPAzGxkyJL98c
sY726d5vmAFXqzcZ5ja21xE3nY6zzJBnn5sMPVjG9b44iQHUDnB/CWl3c4zQhfdohc4i8ZjoglR2
eKpkzZcEYsPduaketh7pV5HH7KsQrnzLgfDC92licaPUtBuDJdhEHUOKyVZnqWkr+TppTsamN1ZF
o0DFrsCSwAUsKXD3ig/9GG8fzXzIuD0XPigl7D6KYIti10qSDHhh70TqP8X9OEFOwcPDftTm6D9d
BoAFQiuoey9DRtCd7h5iGqbABWMAmF2fcDxAH8o+eGgEswUlJDJxVv7ARRSgQwIDAQABo4IBpjCC
AaIwHwYDVR0jBBgwFoAUz63OJmCIuTAq1CalchDqUZjQ1NMwHQYDVR00BBYEFCDBA8D2Hj/b3yhK
2CSNsYyds2VfMAwGA1UdEwEB/wQCMAAwggEHBgNVHR8Egf8wgfwwYKBeoFyGWmh0dHA6Ly91c3pp
Z25vLnQtc3lzdGGVtcy5tYWd5YXJ0ZWxla29tLmh1L2Rvd25sb2FkX2NybD9pc3N1ZXI9TWFneWFy
JTIwVGVsZWtvbSUyMFJvb3QlMjBDQTCBl6CBlKCBkYaBjmxkYXA6Ly90cnVzdGNlbnRlci5tYWd5
YXJ0ZWxla29tLmh1OjM4OS9jbj1NYWd5YXIlMjBUZWxla29tJTIwUm9vdCUyMENBLGM9SFU/Y2Vy
dGlmaWNhdGVSZXZvY2F0aW9uTGlzdD9iYXNlP29iamVjdENsYXNzPWNlcnRpZmljYXRpb25BdXRo
b3JpdHkwFgYDVR0lAQH/BAwwCgYIKwYBBQUHAwgwDgYDVR0PAQH/BAQDAgbAMB8GA1UdIAQYMBYw
FAYSKwYBBAGBiysHAQIIAgEMAQIBMA0GCSqGSIb3DQEBBQUAA4IBAQBFltwyeyjFs/Lk1lm8OvY9
q53xLhvllqzZ6ThEy/Lbbhf4wfJNz79K+dBF8npvG7nzNwTClaG/rr/q3HmEzvnm4wk/LygmzUFY
GJQUk8+BHC0RU+B0pTJ754FQXt24zwq1pH1eHQrHmVaCf3L3MLQWpofI8IF7+CGenGPyK/rM1LM9
6ooBTgRybQlUIuMO3BLvl2+WveSTtCu6lA+Svy4X71h9ut9+bDz8HVjmDwmIDxhuVwLRNaiOTCL3
ZyTNcCy9lk4hBrpAoGb8pEfmJM5nETNh9m0UJHtj3C+4HNzbwxL+UB6MuqUI+u408x34EjdPyN7Z
SxGkTS1cmRid2uMe
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

*In compliance with the provisions laid down in the applicable national
legislation and Regulation (EU) No 910/2014, it indicates that the qualified
status has not been initially granted or has been withdrawn by the Supervisory
Body on behalf of the Member State identified in the "Scheme territory" (see
clause 5.3.10): from the trust service being of a service type specified in
clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3),
and from its trust service provider identified in "TSP name" (see clause 5.4.1)
for the provision of that service.*

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

2.3.10.1. TSA1

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name:

English: TSA1

Hungarian: TSA1

Service digital identity: *Subject key identifier:*

20 C1 03 C0 F6 1E 3F DB DF 28 4A D8 24 8D B1 8C 9D B3 65 5F

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/supervisionceased

> *The validity of the supervision assessment has lapsed without the service identified in "Service digital identity" (see clause 5.5.3) being re-assessed. The service is currently not under supervision any more from the date of the current status as the service is understood to have ceased operations. "Supervision Ceased" status shall be used when a TSP directly ceases its related services under supervision; it shall not be used when supervision has been revoked.*

Status starting time: 2009-02-06T11:21:56.000Z   (06 Feb 2009 12:21:56 CET)

2.3.10.2. TSA1

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name: *English:* TSA1

Hungarian: TSA1

Service digital identity: *Subject key identifier:*

20 C1 03 C0 F6 1E 3F DB DF 28 4A D8 24 8D B1 8C 9D B3 65 5F

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2008-06-19T07:23:11.000Z   (19 Jun 2008 09:23:11 CEST)

2.3.11. TSS1

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name: *English:* TSS1

Hungarian: TSS1

Service digital identity: *Version:*

3

Serial number:

75 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

CN=TSS1,OU=nCipher DSE ESN:5D05-62CC-374F,OU=TTI,O=Magyar Telekom,L=Budapest,C=HU

Issuer:

CN=Magyar Telekom Root CA,OU=Magyar Telekom Trust Center,O=Magyar Telekom Rt.,L=Budapest,C=HU

Subject key identifier:

not present

Authority key identifier:

not present

Valid from:

2008-02-12T16:18:22.000Z   (12 Feb 2008 17:18:22 CET)

Valid to:

2009-02-11T16:18:22.000Z   (11 Feb 2009 17:18:22 CET)

Key usage:

digitalSignature, nonRepudiation, keyEncipherment

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

42:7A:AD:2D:42:5B:F3:7A:CF:44:B9:38:74:36:FB:07:BE:41:7C:20

SHA-256:

68:80:55:10:8B:5B:22:E9:03:FE:79:B0:F8:CE:1E:F7:12:79:73:A7:3B:5A:A8:41:32:29:71:8D:4E:15:F7:47

Public key:

Algorithm, key length:

RSA, 1024

Key value:

30818902818100A7424C22F262E5B68A2A13012F87E56027969623E3288CB09BAB296D6938BAF306782A5C3EEE7486
C508D734E2730B2CAC8019866C62B56DAA9F76BCAFDA36338DB3D5C7FEEE0AD0D2D6F5AE96ABCD276030C42FFED2D7
FB4E9682B500D65AE9C6F65271BD5FC030BFB3F87AF1556C874FC2C444793AE8C76F0C2A4FA9435EAF0203010001

Certificate policies:

1.3.6.1.4.1.17835.7.1.2.8.2.1.12.1.2.1

CRL distribution points:

ldap://trustcenter.telekom.hu:389/cn=Magyar%20Telekom%20Root%20CA,c=HU
?certificateRevocationList?base?objectClass=certificationAuthority

http://www.eszigno.t-
systems.magyartelekom.hu/download_crl?issuer=Magyar%20Telekom%20Root%
20CA

PEM format:

```
-----BEGIN CERTIFICATE-----
MIIEZjCCA06gAwIBAgIBSzANBgkqhkiG9w0BAQUFADCBhDELMAkGA1UEBhMCSFUxETAPBgNVBAcT
CEJlZGFwZXN0MRswGQYDVQQKExJNYWd5YXIgVGVsZWtvbSBSdC4xJDAiBgNVBAsTG01hZ3lhciBU
ZWxla29tIFRydXN0N0IENlbnRlcljEfMB0GA1UEAxMWTWFneWFyIFRlbGVrb20gUm9vdCBDQTAeFw0w
ODAyMTIxNjE4MjJaFw0wOTAyMTExNjE4MjJaMH8xCzAJBgNVBAYTAkhVMREwDwYDVQQHEwhCdWRh
cGVzdDEXMBUGA1UEChMOTWFneWFyIFRlbGVrb20xDDAKBgNVBAsTA1RUSTEnMCUGA1UECxMebkNp
cGhlciBEU0UgRVNOOjVEMDUtNjJDQy0zNzRGMQ0wCwYDVQQDEwRUU1MxMIGfMA0GCSqGSIb3DQEB
AQUAA4GNADCBiQKBgQCnQkwi8mLltooqEwEvh+VgJ5aWI+MojLCbqyltaTi68wZ4Klw+7nSGxQjX
NOJzCyysgBmGbGK1baqfdryv2jYzjbPVx/7uCtDS1vWulqvNJ2AwxC/+0tf7TpaCtQDWWunG9lJx
vV/AML+z+HrxVWyHT8LERHk66MdvDCpPqUNerwIDAQABo4IBaTCCAWUwDgYDVR0PAQH/BAQDAgXg
MBEGCWCGSAGG+EIBAQQEAwIEsDCCAQUGA1UdHwSB/TCB+jCBkaCBjqCBi4aBiGxkYXA6Ly90cnVz
dGNlbnRlci50ZWxla29tLmh10jM4OS9jbj1NYWd5YXIlMjBUZWxla29tJTIIwUm9vdCUyMENBLGM9
SFU/Y2VydGlmaWNhdGdGVSZXZvY2F0aW9uTGlzdD9iYXNlP29iamVjdENsYXNzPWNlcnRpZmljYXRp
b25BdXRob3JpdHkwZKBioGCGXmh0dHA6Ly93d3cuZXN6aWduby50LXN5c3RlbXMubWFneWFydGVs
ZWtvbS5odS9kb3dubG9hZF9jcmw/aXNzdWVyPU1hZ3lhciUyMFRlbGVrb20lMjBSb290JTIwQ0Ew
FgYDVR0lAQH/BAwwCgYIKwYBBQUHAwgwHwYDVR0gBBgwFjAUBhIrBgEEAYGLKwcBAggCAQwBAgEw
DQYJKoZIhvcNAQEFBQADggEBAJT2WYY1DRI8vxSmcSse+zpTcwQLw5lblG/5ZA1wUuLplJ8Dp25z
yNj/6C8d0iIyr3lrlkk+LY94UYLPPx0H3ewtD2TmJvxzxczoH5kZDPVHnJwSMJb5fPhvRmJwQ44q
qPeh/wME24Byr1ScNGZwk8yYFHwc7vOrcHXzYSlz4acqaegm6E7AO9yIzeeoVwbSUTrdku96ysX4
BqpmQUldAUXY5qD8lETeQDhA0D0cxoiAWXx1bG7/CytDj6nxjbceTyyyBjsJ2Tqi/SR7gqJ45rLm
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-----END CERTIFICATE-----
```

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

2.3.11.1. TSS1

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name: *English:* TSS1

                      Hungarian: TSS1

Service digital identity: *Subject key identifier:*

BF 02 72 E7 C0 1F 72 CB 60 8E 4E 31 A0 9E 62 BE AE 8B D7 B2

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/supervisionceased

> *The validity of the supervision assessment has lapsed without the service identified in "Service digital identity" (see clause 5.5.3) being re-assessed. The service is currently not under supervision any more from the date of the current status as the service is understood to have ceased operations. "Supervision Ceased" status shall be used when a TSP directly ceases its related services under supervision; it shall not be used when supervision has been revoked.*

Status starting time: 2008-06-19T07:23:10.000Z   (19 Jun 2008 09:23:10 CEST)

2.3.11.2. TSS1

<div style="text-align: right">
Provider: 3
Service: 11
History: 2/2
</div>

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: TSS1

Hungarian: TSS1

Service digital identity: *Subject key identifier:*

BF 02 72 E7 C0 1F 72 CB 60 8E 4E 31 A0 9E 62 BE AE 8B D7 B2

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2008-02-12T16:18:22.000Z   (12 Feb 2008 17:18:22 CET)

2.3.12. TSS1

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name:

English: TSS1

Hungarian: TSS1

Service digital identity:

Version:

3

Serial number:

61 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

CN=TSS1,OU=nCipher DSE ESN:5D05-62CC-374F,OU=TTI,OU=nChiper DSE200,O=Magyar Telekom,L=Budapest,C=HU

Issuer:

CN=Magyar Telekom Root CA,OU=Magyar Telekom Trust Center,O=Magyar Telekom Rt.,L=Budapest,C=HU

Subject key identifier:

not present

Authority key identifier:

not present

Valid from:

2007-09-24T14:55:39.000Z   (24 Sep 2007 16:55:39 CEST)

Valid to:

2008-09-23T14:55:39.000Z   (23 Sep 2008 16:55:39 CEST)

Key usage:

digitalSignature, nonRepudiation, keyEncipherment

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

F6:A0:E6:70:3A:A7:6C:43:20:F8:22:FE:0B:A1:7F:81:55:70:5E:78

SHA-256:

AC:4E:79:23:45:1F:81:62:C8:33:05:D0:DB:8E:5B:C0:F2:D2:64:4E:80:F9:97:BA:93:14:A5:6E:6D:B2:6B:C5

Public key:

Algorithm, key length:

RSA, 1024

Key value:

30818902818100AD0A49CF40B97A1262F0D190F8FFAF038580A0BB63F2A3CD581B04B3D15ADBCAE4B7B9714BF65F74
7588EC0535CD410D7F16D44C9194175D095F0160EAAFF537E625745837650CD27C9D1ECE725A83C22DAE71BC033267
5935AF49383A2B326D3E36D73D9A4F9446E3C03D4114356AAB8278CCA932DF02FAB2FAC29393C6FC4F0203010001

Certificate policies:

1.3.6.1.4.1.17835.7.1.2.8.2.1.12.1.2.1

CRL distribution points:

ldap://trustcenter.telekom.hu:389/cn=Magyar%20Telekom%20Root%20CA,c=HU
?certificateRevocationList?base?objectClass=certificationAuthority
http://www.eszigno.t-
systems.magyartelekom.hu/download_crl?issuer=Magyar%20Telekom%20Root%
20CA

PEM format:

```
-----BEGIN CERTIFICATE-----
MIIEgDCCA2igAwIBAgIBPTANBgkqhkiG9w0BAQUFADCBhDELMAkGA1UEBhMCSFUxETAPBgNVBAcT
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ZWxla29tIFRydXN0IENlbnRlcjEfMB0GA1UEAxMWTWFneWFyIFRlbGVrb20gUm9vdCBDQTAeFw0w
NzA5MjQxNDU1MzlaFw0wODA5MjMxNDU1MzlaMIGYMQswCQYDVQQGEwJIVTERMA8GA1UEBxMIQnVk
YXBlc3QxFzAVBgNVBAoTDk1hZ3lhciBUZWxla29tMRcwFQYDVQQLEw5uQ2hpcGGVyIERTRTIwMDEM
MAoGA1UECxMDVFRJMScwJQYDVQQLEx5uQ2lwaGVyIERTRSBFU046NUQwNS02MkNDLTM3NEYxDTAL
BgNVBAMTBFRTUzEwgZ8wDQYJKoZIhvcNAQEBBQADgY0AMIGJAoGBAK0KSc9AuXoSYvDRkPj/rwOF
gKC7Y/KjzVgbBLPRWtvK5Le5cUv2X3RliOwFNc1BDX8W1EyRlBddCV8BYOqv9TfmJXRYN2UM0nyd
Hs5yWoPCLa5xvAMyZ1k1r0k40isybT421z2aT5RG48A9QRQ1aquCeMypMt8C+rL6wpOTxvxPAgMB
AAGjggFpMIIBZTAOBgNVHQ8BAf8EBAMCBeAwEQYJYIZIAYb4QgEBBAQDAgSwMIIBBQYDVR0fBIH9
MIH6MIGRoIGOoIGLhoGIbGRhcDovL3RydXN0Y2VudGVyLnRlbGVrb20uaHU6Mzg5L2NuPU1hZ3lh
ciUyMFRlbGVrb201MjBSb290JTIwQ0EsYz1IVT9jZXJ0aWZpY2F0ZVJldm9jYXRpb25MaXN0P2Jh
c2U/b2JqZWN0Q2xhc3M9Y2VydGlmaWNhdGlvbkF1dGhvcml0eTBkoGKgYIZeaHR0cDovL3d3dy5l
c3ppZ25vLnQtc3lzdGVtcy5tYWd5YXJ0ZWxla29tLmh1L2Rvd25sb2FkX2NybD9pc3N1ZXI9TWFn
eWFyJTIwVGVsZWtvbSUyMFJvb3QlMjBDQTAWBgNVHSUBAf8EDDAKBggrBgEFBQcDCDAfBgNVHSAE
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bS0MVDY0OcVbXyGxOnqpJOO5upgIS6RFqgVEYRHCcFfNO4LeozCtKGSBzPu3BUd3lKLknM2LqrIG
nTto1ew8+pMWqm2rfk8wDQ==
-----END CERTIFICATE-----
```

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

2.3.12.1. TSS1

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name: *English:* TSS1

  Hungarian: TSS1

Service digital identity: *Subject key identifier:*

57 74 C8 0A 1B 87 3A 8E 61 07 69 7F 51 1E 00 1D 31 E0 6D 31

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/supervisionceased

> *The validity of the supervision assessment has lapsed without the service identified in "Service digital identity" (see clause 5.5.3) being re-assessed. The service is currently not under supervision any more from the date of the current status as the service is understood to have ceased operations. "Supervision Ceased" status shall be used when a TSP directly ceases its related services under supervision; it shall not be used when supervision has been revoked.*

Status starting time: 2008-02-12T16:18:21.000Z   (12 Feb 2008 17:18:21 CET)

2.3.12.2. TSS1

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:
English: TSS1

Hungarian: TSS1

Service digital identity: *Subject key identifier:*

57 74 C8 0A 1B 87 3A 8E 61 07 69 7F 51 1E 00 1D 31 E0 6D 31

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2007-09-24T14:55:39.000Z   (24 Sep 2007 16:55:39 CEST)

2.3.13. TSS1

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name:

English: TSS1

Hungarian: TSS1

Service digital identity:

Version:

3

Serial number:

30 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

CN=TSS1,OU=nCipher DSE ESN:5D05-62CC-374F,OU=TTI,O=Magyar Telekom,L=Budapest,C=HU

Issuer:

CN=Magyar Telekom Root CA,OU=Magyar Telekom Trust Center,O=Magyar Telekom Rt.,L=Budapest,C=HU

Subject key identifier:

not present

Authority key identifier:

not present

Valid from:

2006-09-25T11:09:40.000Z   (25 Sep 2006 13:09:40 CEST)

Valid to:

2007-09-25T11:09:40.000Z   (25 Sep 2007 13:09:40 CEST)

Key usage:

digitalSignature, nonRepudiation, keyEncipherment

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

01:2B:AA:83:D7:0C:70:74:B6:C6:7A:C6:D4:6C:DF:B7:28:0A:D4:49

SHA-256:

16:EC:77:AB:71:77:65:28:05:A1:D6:98:08:C7:27:FE:11:19:C7:59:D0:6B:80:B5:88:19:28:42:72:DB:FE:D4

Public key:

Algorithm, key length:

RSA, 1024

Key value:

30818902818100B588C7A2F876CB53F014F185768D3D62DF08F35B696491D482BE2F7EB331DFF957565AF7CA0D555D
F276F63D8E7E842616DFD1B9B19DF1BC455560FFC8C133C3DA6845FC1278FB093D2BF412F73BF36AC4A05010BEE22F
54E9BE8A2860AEC9A2D8F81951F8BA3E7487A00B5ECB5CE37153C17DF92B5AEC3E882F3660A1E430610203010001

Certificate policies:

1.3.6.1.4.1.17835.7.1.2.8.2.1.12.1.2.1

CRL distribution points:

ldap://trustcenter.telekom.hu:389/cn=Magyar%20Telekom%20Root%20CA,c=HU
?certificateRevocationList?base?objectClass=certificationAuthority

http://www.eszigno.t-
systems.magyartelekom.hu/download_crl?issuer=Magyar%20Telekom%20Root%
20CA

PEM format:

-----BEGIN CERTIFICATE-----
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+Lo+dIegC17LXONxU8F9+Sta7D6ILzZgoeQwYQIDAQABo4IBaTCCAWUwDgYDVR0PAQH/BAQDAgXg
MBEGCWCGSAGG+EIBAQQEAwIEsDCCAQUGA1UdHwSB/TCB+jCBkaCBjqCBi4aBiGxkYXA6Ly90cnVz
dGNlbnRlci50ZWxla29tLmh10jM4OS9jbj1NYWd5YXIlMjBUZWxla29tJTIwUm9vdCUyMENBLGM9
SFU/Y2VydGlmaWNhdGGVSZXZvY2F0aW9uTGlzdD9iYXNlP29iamVjdENsYXNzPWNlcnRpZmljYXRp
b25BdXRob3JpdHkwZKBioGGGXmh0dHA6Ly93d3cuZXN6aWduby50LXN5c3RlbXMubWFneWFydGVs
ZWtvbS5odS9kb3dubG9hZF9jcmw/aXNzdWVyPU1hZ3lhciUyMFRlbGVrb20lMjBSb290JTIwQ0Ew
FgYDVR0lAQH/BAwwCgYIKwYBBQUHAwgwHwYDVR0gBBgwFjAUBhIrBgEEAYGLKwcBAggCAQwBAgEw
DQYJKoZIhvcNAQEFBQADggEBAJFOQfAKVbG6lEp2uH4WKQQ31J0b2Fl7/HpIvA9HWW2QNCT1p2Qz
AL2lLf49Iqeo8tpysH0C3WD9dakuMFHI3F9biW09RinKplbxMpegfhfgA36LRwjgx4CcGzMCyBw
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fdmUkvM27cMi8tYtFymyaG1+Ar8cAxDOgjDK/vdO62wPmom59NJ9eB7cnN0vf/4u3bRuloBsJDrL
82aX7YTvSyd0+QXrXrakxwlUJUipRn7yDcy6+XZguOthcR9YMDTyLjUsK7f7u0Y=
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

2.3.13.1. TSS1

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: TSS1

Hungarian: TSS1

Service digital identity: *Subject key identifier:*

62 90 C7 01 18 74 95 C5 85 73 F6 54 3E B4 3D 88 06 89 93 A3

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/supervisionceased

The validity of the supervision assessment has lapsed without the service identified in "Service digital identity" (see clause 5.5.3) being re-assessed. The service is currently not under supervision any more from the date of the current status as the service is understood to have ceased operations. "Supervision Ceased" status shall be used when a TSP directly ceases its related services under supervision; it shall not be used when supervision has been revoked.

Status starting time: 2007-09-24T14:55:38.000Z   (24 Sep 2007 16:55:38 CEST)

2.3.13.2. TSS1

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: TSS1

Hungarian: TSS1

Service digital identity: *Subject key identifier:*

62 90 C7 01 18 74 95 C5 85 73 F6 54 3E B4 3D 88 06 89 93 A3

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2006-09-25T11:09:40.000Z   (25 Sep 2006 13:09:40 CEST)

2.3.14. TSS1

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name:

English: TSS1

Hungarian: TSS1

Service digital identity:

Version:

3

Serial number:

6 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

CN=TSS1,OU=nCipher DSE ESN:5D05-62CC-374F,OU=TTI,O=Magyar Telekom,L=Budapest,C=HU

Issuer:

CN=Magyar Telekom Root CA,OU=Magyar Telekom Trust Center,O=Magyar Telekom Rt.,L=Budapest,C=HU

Subject key identifier:

not present

Authority key identifier:

not present

Valid from:

2005-09-28T13:27:11.000Z   (28 Sep 2005 15:27:11 CEST)

Valid to:

2006-09-28T13:27:11.000Z   (28 Sep 2006 15:27:11 CEST)

Key usage:

digitalSignature, nonRepudiation, keyEncipherment

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

A4:BD:75:09:D0:AD:97:30:12:A6:DD:C7:14:75:AB:16:70:87:8E:A5

SHA-256:

C7:0C:76:AE:40:0D:F7:99:4B:C7:9A:9E:82:14:92:FA:9B:B0:08:24:CA:10:84:E6:05:93:2A:65:B5:83:39:07

Public key:

Algorithm, key length:

RSA, 1024

Key value:

30818902818100A0E6ECCD9EFDE5FD6CBAA45068DAE4095DB5E20989E8941E0811070F46BD593E29F80817B3A654AD
E32A9E9CD0026A83E6B05D8A7DC82E2D8320FF43A0F58EEFCCD15ECB96A062D1EFB8AF36444982A45C2989788C9459
9C0C88C4E829992812CC9C0C7533E3D3E10F482FC7FFE3B3A892CA07576488E9585A409D577354D58F0203010001

Certificate policies:

1.3.6.1.4.1.17835.7.1.2.8.2.1.12.1.2.1

CRL distribution points:

ldap://trustcenter.telekom.hu:389/cn=Magyar%20Telekom%20Root%20CA,c=HU
?certificateRevocationList?base?objectClass=certificateAuthority

http://www.eszigno.t-
systems.magyartelekom.hu/download_crl?issuer=Magyar%20Telekom%20Root%
20CA

PEM format:

```
-----BEGIN CERTIFICATE-----
MIIEZDCCA0ygAwIBAgIBBjANBgkqhkiG9w0BAQUFADCBhDELMAkGA1UEBhMCSFUxETAPBgNVBAcT
CEJlZGFwZXN0MRswGQYDVQQKExJNYWd5YXIgVGVsZWtvbSBSdC4xJDAiBgNVBAsTG01hZ3lhciBU
ZWxla29tIFRydXN0N0IENlbnRlcljEfMB0GA1UEAxMWTWFneWFyIFRlbGVrb20gUm9vdCBDQTAeFw0w
NTA5MjgxMzI3MTFaFw0wNjA5MjgxMzI3MTFaMH8xCzAJBgNVBAYTAkhVMREwDwYDVQQHEwhCdWRh
cGVzdDEXMBUGA1UEChMOTWFneWFyIFRlbGVrb20xDDAKBgNVBAsTA1RUSTEnMCUGA1UECxMebkNp
cGhlciBEU0UUgRVN00jVEMDUtNjJDQy0zNzRGMQ0wCwYDVQQDEwRUU1MxMIGfMA0GCSqGSIb3DQEB
AQUAA4GNADCBiQKBgQCg5uzNnv3l/Wy6pFBo2uQJXbXiCYnolB4IEQcPRr1ZPin4CBezplSt4yqe
nNACaoPmsF2KfcguLYMg/0Og9Y7vzNFey5agYtHvuK82REmCpFwpiXiMlFmcDIjE6CmZKBLMnAx1
M+PT4Q9IL8f/47OoksoHV2SI6VhaQJ1Xc1TVjwIDAQABo4IBZzCCAWMwDgYDVR0PAQH/BAQDAgXg
MBEGCWCGSAGG+EIBAQQEAwIEsDCCAQMGA1UdHwSB+zCB+DCBj6CBjKCBiYaBhmxkYXA6Ly90cnVz
dGNlbnRlci50ZWxla29tLmh10jM4OS9jbj1NYWd5YXIlMjBUZWxla29tJTIwUm9vdCUyMENBLGM9
SFU/Y2VydGlmaWNhdGVSZXZvY2F0aW9uTGlzdD9iYXNlP29iamVjdENsYXNzPWNlcnRpZmljYXRl
QXV0aG9yaXR5MGSgYqBghl5odHRwOi8vd3d3LmVzemlnbm8udC1zeXN0ZW1zLm1hZ3lhcnRlbGVr
b20uaHUvZG93bmxvYWRfY3JsP2lzc3Vlcj1NYWd5YXIlMjBUZWxla29tJTIwUm9vdCUyMENBMBYG
A1UdJQEB/wQMMAoGCCsGAQUFBwMIMB8GA1UdIAQYMBYwFAYSKwYBBAGBiysHAQIIAgEMAQIBMA0G
CSqGSIb3DQEBBQUAA4IBAQCYNFtPs49mAKjhRUm8p7UA+RFWJvKoLVipVga6Fi9IyhLl6p/KxiGA
uVcn+xoCNYtG+ZuvqHFhe8gQxGx5b/BVoS92QSi3BtwrhemWy0AXCRCNJ3/YJAvmlQXY4KUrfMNP
XJpi816eV3065ZOEjHAyw5LxB3PObk4oCRMKkMw4yBDsakh5wVkeRQlkCjCuvrMwfot06msTAv3D
7rJCgXaNJH+GXrNwC7hRzl/3tlwW/QWAZomnlTB+e/oCt3RzZV+k3lIfP5Orr4ufcPBe6Ogkr+Yd
q3Kh+6W9JBXB97O1phH01Jp5H5csGKvJPej6tBP63ebU+A8iOq4sGTRWtHGM
-----END CERTIFICATE-----
```

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

2.3.14.1. TSS1

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name: *English:* TSS1

Hungarian: TSS1

Service digital identity: *Subject key identifier:*

11 9D 8F 60 40 4B C8 45 5B BE C6 33 5D FF BD A3 9B 4B 48 E0

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/supervisionceased

The validity of the supervision assessment has lapsed without the service identified in "Service digital identity" (see clause 5.5.3) being re-assessed. The service is currently not under supervision any more from the date of the current status as the service is understood to have ceased operations. "Supervision Ceased" status shall be used when a TSP directly ceases its related services under supervision; it shall not be used when supervision has been revoked.

Status starting time: 2006-09-25T11:09:39.000Z   (25 Sep 2006 13:09:39 CEST)

2.3.14.2. TSS1

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name: *English:* TSS1

                        Hungarian: TSS1

Service digital identity: *Subject key identifier:*

11 9D 8F 60 40 4B C8 45 5B BE C6 33 5D FF BD A3 9B 4B 48 E0

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2005-09-28T13:27:11.000Z   (28 Sep 2005 15:27:11 CEST)

2.3.15. TSS1

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: TSS1

Hungarian: TSS1

Service digital identity:

Version:

3

Serial number:

33 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

CN=TSS1,OU=nCipher DSE ESN:5D05-62CC-374F,OU=TTI,O=MATAV,L=Budapest,C=HU

Issuer:

CN=Matav Minositett Root CA,OU=Matav Trust Center,O=Matav,L=Budapest,C=HU

Subject key identifier:

not present

Authority key identifier:

not present

Valid from:

2005-03-03T08:19:59.000Z   (03 Mar 2005 09:19:59 CET)

Valid to:

2006-03-03T08:19:59.000Z   (03 Mar 2006 09:19:59 CET)

Key usage:

digitalSignature, nonRepudiation, keyEncipherment

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

B8:D4:5A:FD:9F:17:99:EF:35:1C:52:55:14:9D:1D:65:06:AB:E8:8E

SHA-256:

0C:68:8F:6A:98:58:9B:4F:D2:FC:58:5A:50:B4:3F:5F:7C:51:1F:F4:09:04:C6:EB:57:1A:B4:60:B9:B7:56:9A

Public key:

Algorithm, key length:

RSA, 1024

Key value:

30818902818100A9CDD2742CF5C9E270C9C3AE6FAF375B73877DBE708244809BCF8B6607B30699D7304D63B29CDFDF
D21BE5DB60579CBDAA2E017F58258DAB6D70EDCC9D24A116AF02721BFF18B4F1436D9A4F7C77A0A9108D9121B2FB5D
691FCB7F22AD19E8903A539369D58B7FCCA124040F865EA965EF94984C5128012B45F89E1BB518CDB10203010001

Certificate policies:

1.3.6.1.4.1.17835.7.1.2.8.2.1.12.1.2.1

CRL distribution points:

ldap://trustcenter.matav.hu:389/cn=Matav%20Minositett%20Root%20CA,c=HU?
certificateRevocationList?base?objectClass=certificationAuthority
http://www.eszigno.matav.hu/Minositett/download_crl?issuer=Matav%20Minosite
tt%20Root%20CA

PEM format:

-----BEGIN CERTIFICATE-----
MIIEMzCCAxugAwIBAgIBITANBgkqhkiG9w0BAQUFADBwMQswCQYDVQQGEwJIVTERMA8GA1UEBxMI
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BgNVBAMTGE1hdGF2IElpbm9zaXRldHQgUm9vdCBDQTAeFw0wNTAzMDMwODE5NTlaFw0wNjAzMDMw
ODE5NTlaMHYxCzAJBgNVBAYTAkhVMREwDwYDVQQHEwhCdWRhcGVzdDEOMAwGA1UEChMFTUFUQVYx
DDAKBgNVBAsTA1RUSTEnMCUGA1UECxMebkNpcGhlciBEU0UgRVNOOjVEMDUtNjJDQy0zNzRGMQ0w
CwYDVQQDEwRUU1MxMIGfMA0GCSqGSIb3DQEBAQUAA4GNADCBiQKBgQCpzdJ0LPXJ4nDJw65vrzdb
c4d9vnCCRICbz4tmB7MGmdcwTWOynN/f0hvl22BXnL2qLgF/WCWNq2lw7cydJKEWrwJyG/8YtPFD
bZpPfHegqRCNkSGy+11pH8t/Iq0Z6JA6U5Np1Yt/zKEkBA+GXqll75SYTFEoAStF+J4btRjNsQID
AQABo4IBVDCCAVAwDgYDVR0PAQH/BAQDAgXgMB8GA1UdIAQYMBYwFAYSKwYBBAGBiysHAQIIAgEM
AQIBMIIBAwYDVR0fAQH/BIH4MIH1MIGRoIGOoIGLhoGIbGRhcDovL3RydXN0Y2VudGVyLm1hdGF2
Lmh1OjM4OS9jbj1NYXRhdiUyME1pbm9zaXRldHQlMjBSb290JTIwQ0EsYz1IVT9jZXJ0aWZpY2F0
ZVJldm9jYXRpb25MaXN0P2Jhc2U/b2JqZWN0Q2xhc3M9Y2VydGlmaWNhdGlvbkF1dGhvcml0eTBf
oF2gW4ZZaHR0cDovL3d3dy5lc3ppZ25vLm1hdGF2Lmh1L01pbm9zaXRldHQvZG93bmxvYWRfY3Js
P2lzc3Vlcj1NYXRhdiUyME1pbm9zaXRldHQlMjBSb290JTIwQ0EwFgYDVR0LAQH/BAwwCgYIKwYB
BQUHAwgwDQYJKoZIhvcNAQEFBQADggEBAGhl0pHPmHGV9X/U07AvTOLVT37TEYUiD/sKvf05uWTO
xnLLz6ceC/k8I3bHgyFTRymEgVO8GvHCci8gS2GViji7NHFHyPprd6ZQrvGt4L1VuqiT0l/Q850b
Uz6+CGb9GdJuUIOlbcmyGDVv+wIqMd/AyMu17rAD9d8Jt8MK92IWfTK8WTwJUBVcdp7ghaKx4qXk
sVjnHL5ATrsPbpqAvw43MkNKL2+4vJXOXsu06eHArT+VmZVfAnJLErFm8NKrt20jyMWPoplnlCeu
7FOC/np18ZclQgrv6lFxdIZBxKZ4kfQLdBHD6BVqDzmBHU/PWhO/guwF1guMLdFP4Zo9H3E=
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

2.3.15.1. TSS1

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name: *English:* TSS1

              Hungarian: TSS1

Service digital identity: *Subject key identifier:*

25 65 3B DA F1 E2 8F 16 FC 44 40 21 B6 95 8A 2B 47 26 69 D1

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/supervisionceased

> *The validity of the supervision assessment has lapsed without the service identified in "Service digital identity" (see clause 5.5.3) being re-assessed. The service is currently not under supervision any more from the date of the current status as the service is understood to have ceased operations. "Supervision Ceased" status shall be used when a TSP directly ceases its related services under supervision; it shall not be used when supervision has been revoked.*

Status starting time: 2005-09-28T13:27:10.000Z   (28 Sep 2005 15:27:10 CEST)

2.3.15.2. TSS1

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name: *English:* TSS1

   Hungarian: TSS1

Service digital identity: *Subject key identifier:*

25 65 3B DA F1 E2 8F 16 FC 44 40 21 B6 95 8A 2B 47 26 69 D1

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2005-03-03T08:19:59.000Z   (03 Mar 2005 09:19:59 CET)

2.3.16. TSA2

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name: *English:* TSA2

                          Hungarian: TSA2

Service digital identity: *Subject key identifier:*

82 39 29 6F 77 96 B6 34 D2 BC 3C 20 8A C8 0B 07 30 16 B4 38

Service digital identity: *Version:*

3

Serial number:

138 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

CN=TSA2,OU=nCipher DSE ESN:B08E-A944-8B0E,OU=TTI,O=Magyar Telekom,L=Budapest,C=HU

Issuer:

CN=Magyar Telekom Root CA,OU=Magyar Telekom Trust Center,O=Magyar Telekom Rt.,L=Budapest,C=HU

Subject key identifier:

82 39 29 6F 77 96 B6 34 D2 BC 3C 20 8A C8 0B 07 30 16 B4 38

Authority key identifier:

CF AD CE 26 60 88 B9 30 2A D4 26 A5 72 10 EA 51 98 D0 D4 D3

Valid from:

2010-11-02T11:19:05.000Z   (02 Nov 2010 12:19:05 CET)

Valid to:

2015-11-02T11:19:05.000Z   (02 Nov 2015 12:19:05 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

55:C0:9F:A6:BD:A8:EE:BB:0F:F2:E6:EA:5E:BB:3B:3E:BF:A0:C9:3D

SHA-256:

D4:B2:5C:EC:CB:DF:10:0B:CE:07:C1:2D:46:C6:1B:EF:E1:9F:AB:77:C3:B3:F1:AF:F1:91:DE:AC:6F:36:57:04

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A02820101008B73A0904AF4FD510C352AEAF22BA36A255F1C9CB06EE585D6CCDB3067DEE1168118C738A1CB
54ECFEEF1DE397842A626B0F2AF745C8C262C1D9BB252CBFCB4E179420FF9DE2EDFCED2E08D4C6F6A6CE13C9AC05D6
C006E4849656BC4A16F37190B943E14EF56CEEBEBA1A6860637C352BC835A24E17DE3C1F57C9F8D08A56CAB15111A2
9738C705846F908BA25A9D10D775F2004B04B28B30FD78A448D76EDECDB67AD0258D41DEAD44C32B0BD567720E6644
FC08572A9DF770FD52F33409420723EFA229B526993DF6518B4E214FBC38AEB6EA3D525CB306C9028FA5A9EF20CDC0
9A2EED2A2EA11B70D9C63370F38EC14B50ED7E631903337C0E1D1DAE2DFF0203010001

Certificate policies:

1.3.6.1.4.1.17835.7.1.2.8.2.1.12.1.2.1

CRL distribution points:

http://eszigno.t-
systems.magyartelekom.hu/download_crl?issuer=Magyar%20Telekom%20Root%
20CA

ldap://trustcenter.magyartelekom.hu:389/cn=Magyar%20Telekom%20Root%20C
A,c=HU?certificateRevocationList?base?objectClass=certificationAuthority

PEM format:

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-----BEGIN CERTIFICATE-----
MIIFKDCCBBCgAwIBAgICAIowDQYJKoZIhvcNAQEFBQAwgYQxCzAJBgNVBAYTAkhVMREwDwYDVQQH
EwhCdWRhcGVzdDEbMBkGA1UEChMSTWFneWFyIFRlbGVrb20gUnQuMSQwIgYDVQQLExtNYWd5YXIg
VGVsZWtvbSBUcnVzdCBDZW50ZXIxHzAdBgNVBAMTFk1hZ3lhciBUZWxla29tIFJvb3QgQ0EwHhcN
MTAxMTAyMTExOTA1WhcNMTUxMTAyMTExOTA1WjB/MQswCQYDVQQGEwJIVTERMA8GA1UEBwwIQnVk
YXBlc3QxFzAVBgNVBAoMDk1hZ3lhciBUZWxla29tMQwwCgYDVQQLDANUVEkxJzAlBgNVBAsMHm5D
aXBoZXIgRFNFIEVTTjpCMDhFLUE5NDQt0EIwRTENMAsGA1UEAwwEVFNBMjCCASIwDQYJKoZIhvcN
AQEBBQADggEPADCCAQoCggEBAItzoJBK9P1RDDUq6vIro2olXxycsG7lhdbM2zBn3uEWgRjHOKHL
VOz+7x3jl4QqYmsPKvdFyMJiwdm7JSy/y04XlCD/neLt/O0uCNTG9qbOE8msBdbABuSElla8Shbz
cZC5Q+FO9WzuvroaaGBjfDUryDWiThfePB9XyfjQilbKsVERopc4xwWEb5CLolqdENd18gBLBLKL
MP14pEjXbt7NtnrQJY1B3q1EwysL1WdyDmZE/AhXKp33cP1S8zQJQgcj76IptSaZPfZRi04hT7w4
rrbqPVJcswbJAo+lqe8gzcCaLu0qLqEbcNnGM3DzjsFLUO1+YxkDM3wOHR2uLf8CAwEAAaOCAaYw
ggGiMB8GA1UdIwQYMBaAFM+tziZgiLkwKtQmpXIQ6lGY0NTTMB0GA1UdDgQWBBSCOS1vd5a2NNK8
PCCKyAsHMBa0ODAMBgNVHRMBAf8EAjAAMIIBBwYDVR0fBIH/MIH8MGCgXqBchlpodHRwOi8vZXN6
aWduby50LXN5c3RlbXMubWFneWFydGVsZWtvbS5odS9kb3dubG9hZF9jcmw/aXNzdWVyPU1hZ3lh
ciUyMFRlbGVrb20lMjBSb290JTIwQ0EwgZegWZeggZSggZGGyY5sZGFwOi8vdHJ1c3RjZW50ZXIubWFn
eWFydGVsZWtvbS5odToz0DkvY249TWFneWFyJTIwVGVsZWtvbSUyMFJvb3QlMjBDQSxjPUhVP2Nl
cnRpZmljYXRlUmV2b2NhdGlvbkxpc3Q/YmFzZT9vYmplY3RDbGFzcz1jZXJ0aWZpY2F0aW9uQXV0
aG9yaXR5MBYGA1UdJQEB/wQMMAoGCCsGAQUFBwMIMA4GA1UdDwEB/wQEAwIGwDAfBgNVHSAEGDAW
MBQGEisGAQQBgYsrBwECCAIBDAECATANBgkqhkiG9w0BAQUFAAOCAQEAfuDhUy3kwOkA3JgXccXL
zlW40fRN9sZRkg1u5CpxlMxP3DNfhtDMd+nHeGfciU78SMvp+Bf0eBNLonsLYTIWrZI92r6Motoq
buqUe1oJJMbDP6hPT1Fl95NtT6G+C5QipBhtQ5J2BJfuKgojFDtWUHI1RA9EE/ZpSBh9dlgtz+ly
5ZyRtOJOEmLRJR+lt/Y+xMqjN57ZCcRLP2evS1NovzN26U58W9Ugjkdk/auiQhumZ50KHJY/lU76
tbiBo/Utv7ZnlRcpXuV7ZVI9ktzToRrOGPsxJFTRoeTZ9m5tBQD84Se9+dnvtzjH8suPoG72KKho
idxyypj3jFQodAnGlg==
-----END CERTIFICATE-----
```

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

2.3.16.1. TSA2

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: TSA2

Hungarian: TSA2

Service digital identity: *Subject key identifier:*

82 39 29 6F 77 96 B6 34 D2 BC 3C 20 8A C8 0B 07 30 16 B4 38

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/supervisionceased

The validity of the supervision assessment has lapsed without the service identified in "Service digital identity" (see clause 5.5.3) being re-assessed. The service is currently not under supervision any more from the date of the current status as the service is understood to have ceased operations. "Supervision Ceased" status shall be used when a TSP directly ceases its related services under supervision; it shall not be used when supervision has been revoked.

Status starting time: 2012-12-15T11:00:00.000Z   (15 Dec 2012 12:00:00 CET)

2.3.16.2. TSA2

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name: *English:* TSA2

   Hungarian: TSA2

Service digital identity: *Subject key identifier:*

82 39 29 6F 77 96 B6 34 D2 BC 3C 20 8A C8 0B 07 30 16 B4 38

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2010-11-02T11:19:05.000Z   (02 Nov 2010 12:19:05 CET)

2.3.17. TSA2

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: TSA2

Hungarian: TSA2

Service digital identity: *Subject key identifier:*

26 97 6C 31 AC 07 D0 98 87 5B 75 BC 0B 9B 70 E2 F7 CC 71 96

Service digital identity: *Version:*

3

Serial number:

103 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

CN=TSA2,OU=nCipher DSE ESN:B08E-A944-8B0E,OU=TTI,O=Magyar Telekom,L=Budapest,C=HU

Issuer:

CN=Magyar Telekom Root CA,OU=Magyar Telekom Trust Center,O=Magyar Telekom Rt.,L=Budapest,C=HU

Subject key identifier:

26 97 6C 31 AC 07 D0 98 87 5B 75 BC 0B 9B 70 E2 F7 CC 71 96

Authority key identifier:

CF AD CE 26 60 88 B9 30 2A D4 26 A5 72 10 EA 51 98 D0 D4 D3

Valid from:

2009-02-06T11:28:16.000Z   (06 Feb 2009 12:28:16 CET)

Valid to:

2014-02-06T11:28:16.000Z   (06 Feb 2014 12:28:16 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

78:97:6F:1F:6B:69:7C:C7:B3:43:92:DB:6C:EF:99:4F:0B:D2:0F:D0

SHA-256:

3A:83:89:BF:42:66:8C:35:F4:13:0D:A5:FC:AC:FE:19:0C:52:68:16:52:F4:EF:9D:62:E7:3A:97:50:BB:63:1E

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100875CB7F83BEB07E3D4B8742EAF3DFFB49AAD778B7B6944EEE7E069F7D0A7CE23CA7864809DF0
23A169580C588CDFB86888D6C3A2944EAC0BEEB054B874326D391876F3ABA3ED285CB4372FCBE40D9D1B983DEE2012
459EA7B07D671A8E16D3B1ABD3EAB6902233F32CB657C516813E44FE4429CC015732E9949CAD35693C41ED9A8AE674
588C617ED76423A584DD0F78C1C315A341450409A0A82C47FD84348D50CA2B359089596BE5B717B236E2CFB57D7F14
1AD2C9506D6E515C2A29A9D2B9C893492E41A7F014E60C24C9AD3D96DE89E03C0A7511D4276D88603B2F18DE98F962
105E84F71C5A99BE3D2DBE548AB7A8E755BC892959352160F18C1A433E070203010001

Certificate policies:

1.3.6.1.4.1.17835.7.1.2.8.2.1.12.1.2.1

CRL distribution points:

http://eszigno.t-
systems.magyartelekom.hu/download_crl?issuer=Magyar%20Telekom%20Root%
20CA

ldap://trustcenter.magyartelekom.hu:389/cn=Magyar%20Telekom%20Root%20C
A,c=HU?certificateRevocationList?base?objectClass=certificationAuthority

PEM format:

-----BEGIN CERTIFICATE-----
MIIFJzCCBA+gAwIBAgIBZzANBgkqhkiG9w0BAQUFADCBhDELMAkGA1UEBhMCSFUxETAPBgNVBAcT
CEJlZGFwZXN0MRswGQYDVQQKExJNYWd5YXIgVGVsZWtvbSBSdC4xJDAiBgNVBAsTG01hZ3lhciBU
ZWxla29tIFRydXN0IENlbnRlcjEfMB0GA1UEAxMWTWFneWFyIFRlbGVrb20gUm9vdCBDQTAeFw0w
OTAyMDYxMTI4MTZaFw0xNDAyMDYxMTI4MTZaMH8xCzAJBgNVBAYTAkhVMREwDwYDVQQHDAhCdWRh
cGVzdDEXMBUGA1UECgwOTWFneWFyIFRlbGVrb20xDDAKBgNVBAsMA1RUSTEnMCUGA1UECwwebkNp
cGhlciBEU0UUgRVNOOkIwOEUtQTk0NC04QjBFMQ0wCwYDVQQDDARUU0EyMIIBIjANBgkqhkiG9w0B
AQEFAAOCAQ8AMIIBCgKCAQEAh1y3+DvrB+PUuHQurz3/tJqtd4t7aUTu5+Bp99CnziPKeGSAnfAj
oWlYDFiM37hoiNbDopROrAvusFS4dDJt0Rh286uj7ShctDcvy+QNnRuYPe4gEkWep7B9ZxqOFtOx
q9PqtpAiM/MstlfFFoE+RP5EKcwBVzLplJytNWk8Qe2aiuZ0WIxhftdkI6WE3Q94wcMVo0FFBAmg
qCxH/YQ0jVDKKzWQiVlr5bcXsjbiz7V9fxQa0slQbW5RXCopqdK5yJNJLkGn8BTmDCTJrT2W3ong
PAplEdQnbYhg0y8Y3pj5YhBehPccWpm+PS2+VIq3qOdVvIkpWTUhYPGMGkM+BwIDAQABo4IBpjCC
AaIwHwYDVR0jBBgwFoAUz63OJmCIuTAqlCalchDqUZjQ1NMwHQYDVR0OBBYEFCaXbDGsB9CYh1t1
vAubcOL3zHGWMAwGA1UdEwEB/wQCMAAwggEHBgNVHR8Egf8wgfwwYKBeoFyGWmh0dHA6Ly9lc3pp
Z25vLnQtc3lzdGVtcy5tYWd5YXJ0ZWxla29tLmh1L2Rvd25sb2FkX2NybD9pc3N1ZXI9TWFneWFy
JTIwVGVsZWtvbSUyMFJvb3QlMjBDQTCBl6CBlKCBkYaBjmxkYXA6Ly90cnVzdGNlbnRlci5tYWd5
YXJ0ZWxla29tLmh1OjM4OS9jbj1NYWd5YXIlMjBUZWxla29tJTIwUm9vdCUyMENBLGM9SFU/Y2Vy
dGlmaWNhdGVSZXZvY2F0aW9uTGlzdD9iYXNlP29iamVjdENsYXNzPWNlcnRpZmljYXRpb25BdXRo
b3JpdHkwFgYDVR0lAQH/BAwwCgYIKwYBBQUHAwgwDgYDVR0PAQH/BAQDAgbAMB8GA1UdIAQYMBYw
FAYSKwYBBAGBiysHAQIIAgEMAQIBMA0GCSqGSIb3DQEBBQUAA4IBAQAt9yECECNn6j9M+KZaMqZi
W+TarTi/PQQre099BPVPNtqNTzBYiRLyTsSBoHheUwhQTwUPI3Bu3jZ0xnHoOJRdjFbhMrEx4ch6
rXN/KPgjbcWyCDoUDBc/sTUmUntGezQxE39/uf25GBCbOsIssDFU+EY/8NYppxHoyFNiJ4367jxX
6t5X8zzYGSpP9b/bHvm56bKXhuJ/KpjuZ0deT503AJ9BXNGbsOSbuGAao9J4o6FtIytmnDNAOD6S
BoaTlVlyyDcCono0YcuYeEwcQZ5nK9vXLl08u1yfCwuJjbeFDzyKHk/P0Wtd0Gl+On9jSXbUsLeF
++rb64AyAcB0jHIE
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

2.3.17.1. TSA2

<div style="text-align: right">
Provider: 3
Service: 17
History: 1/2
</div>

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name: *English:* TSA2

Hungarian: TSA2

Service digital identity: *Subject key identifier:*

26 97 6C 31 AC 07 D0 98 87 5B 75 BC 0B 9B 70 E2 F7 CC 71 96

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/supervisionceased

> *The validity of the supervision assessment has lapsed without the service identified in "Service digital identity" (see clause 5.5.3) being re-assessed. The service is currently not under supervision any more from the date of the current status as the service is understood to have ceased operations. "Supervision Ceased" status shall be used when a TSP directly ceases its related services under supervision; it shall not be used when supervision has been revoked.*

Status starting time: 2010-11-29T11:00:00.000Z   (29 Nov 2010 12:00:00 CET)

2.3.17.2. TSA2

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name: *English:* TSA2

    Hungarian: TSA2

Service digital identity: *Subject key identifier:*

26 97 6C 31 AC 07 D0 98 87 5B 75 BC 0B 9B 70 E2 F7 CC 71 96

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2009-02-06T11:28:16.000Z   (06 Feb 2009 12:28:16 CET)

2.3.18. TSA2

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: TSA2

Hungarian: TSA2

Service digital identity:

Subject key identifier:

38 31 29 98 8F C9 FA C0 B8 4D D9 0B BE BF FD F2 18 7A 2D 8B

Service digital identity:

Version:

3

Serial number:

91 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

CN=TSA2,OU=nCipher DSE ESN:B08E-A944-8B0E,OU=TTI,O=Magyar Telekom,L=Budapest,C=HU

Issuer:

CN=Magyar Telekom Root CA,OU=Magyar Telekom Trust Center,O=Magyar Telekom Rt.,L=Budapest,C=HU

Subject key identifier:

38 31 29 98 8F C9 FA C0 B8 4D D9 0B BE BF FD F2 18 7A 2D 8B

Authority key identifier:

CF AD CE 26 60 88 B9 30 2A D4 26 A5 72 10 EA 51 98 D0 D4 D3

Valid from:

2008-06-19T07:28:41.000Z   (19 Jun 2008 09:28:41 CEST)

Valid to:

2009-06-19T07:28:41.000Z   (19 Jun 2009 09:28:41 CEST)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

1E:0C:B1:9C:95:DE:14:91:36:05:94:41:6E:CF:8B:BA:60:DB:DF:1E

SHA-256:

11:15:BB:EF:C2:98:62:AD:11:17:11:48:6D:1B:C2:9C:B5:8D:E8:F7:18:EF:4C:AB:73:A4:62:A8:65:54:3E:EB

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100E2E72DEDB3AEFF3F9A64096AA8CA6903391C0AABCD1CC82454A03396F17F3650CF03E3122484
43268EC9B5898B812BFFD3CF1691A06B873AC48776107E3B505CE5F0FFC37243978BA455A974A81903E518B68D3F17
92B88E0CD15192C301FBB1A12EF31CB07D6104555B414B2AD26347C74FEA154F1260891E236D2751960CCC2787CFB8
84699BB4465D8F0D5723591CEEBAB209800DF35FB1D573D166B0309027CCFBA2DDD96E21873EC6A4F86850799BD597
B78F7A4FAF450EE6B706141BAE96744F5A62409B7FEFD50AB9A6FF73994E97BD7D1C95D7CD086977B441A7949F83B6
00947ECEF9B90432950A7FD89BF47328C1A230A9E60B695D71F11131373390203010001

Certificate policies:

1.3.6.1.4.1.17835.7.1.2.8.2.1.12.1.2.1

CRL distribution points:

http://eszigno.t-
systems.magyartelekom.hu/download_crl?issuer=Magyar%20Telekom%20Root%
20CA

ldap://trustcenter.magyartelekom.hu:389/cn=Magyar%20Telekom%20Root%20C
A,c=HU?certificateRevocationList?base?objectClass=certificationAuthority

PEM format:

```
-----BEGIN CERTIFICATE-----
MIIFJzCCBA+gAwIBAgIBWzANBgkqhkiG9w0BAQUFADCBhDELMAkGA1UEBhMCSFUxETAPBgNVBAcT
CEJlZGFwZXN0MRswGQYDVQQKExJNYWd5YXIgVGVsZWtvbSBSdC4xJDAiBgNVBAsTG01hZ3lhciBU
ZWxla29tIFRydXN0IENlbnRlcjEfMB0GA1UEAxMWTWFneWFyIFRlbGVrb20gUm9vdCBDQTAeFw0w
ODA2MTkwNzI4NDFaFw0wOTA2MTkwNzI4NDFaMH8xCzAJBgNVBAYTAkhVMREwDwYDVQQHDAhCdWRh
cGVzdDEXMBUGA1UECgwOTWFneWFyIFRlbGVrb20xDDAKBgNVBAsMA1RUSTEnMCUGA1UECwwebkNp
cGhlciBEU0UUgRVN0OkIwOEUtQTk0NC04QjBFMQ0wCwYDVQQDDARUU0EyMIIBIjANBgkqhkiG9w0B
AQEFAAOCAQ8AMIIBCgKCAQEA4uct7bOu/z+aZAlqqMppAzkcCqvNHMgkVKAzlvF/NlDPA+MSJIRD
Jo7JtYmLgSv/088WkaBrhzrEh3YQfjtQXOXw/8NyQ5eLpFWpdKgZA+UYto0/F5K4jgzRUZLDAfux
oS7zHLB9YQRVW0FLKtJjR8dP6hVPEmCJHiNtJ1GWDMwnh8+4hGmbtEZdjw1XI1kc7rqyCYAN81+x
1XPRZrAwkCfM+6Ld2W4hhz7GpPhoUHmb1Ze3j3pPr0UO5rcGFBuulnRPWmJAm3/v1Qq5pv9zmU6X
vX0cldfNCGl3tEGnlJ+DtgCUfs75uQQylQp/2Jv0cyjBojCp5gtpXXHxETE3OQIDAQABo4IBpjCC
AaIwHwYDVR0jBBgwFoAUz63OJmCIuTAqlCalchDqUZjQ1NMwHQYDVR0OBBYEFDgxKZiPyfrAuE3Z
C76//fIYei2LMAwGA1UdEwEB/wQCMAAwggEHBgNVHR8Egf8wgfwwYKBeoFyGWmh0dHA6Ly9lc3pp
Z25vLnQtc3lzdGVtcy5tYWd5YXJ0ZWxla29tLmh1L2Rvd25sb2FkX2NybD9pc3N1ZXI9TWFneWFy
JTIwVGVsZWtvbSUyMFJvb3QlMjBDQTCBl6CBlKCBkYaBjmxkYXA6Ly90cnVzdGNlbnRlci5tYWd5
YXJ0ZWxla29tLmh1OjM4OS9jbj1NYWd5YXIlMjBUZWxla29tJTIwUm9vdCUyMENBLGM9SFU/Y2Vy
dGlmaWNhdGVSZXZvY2F0aW9uTGlzdD9iYXNlP29iamVjdENsYXNzPWNlcnRpZmljYXRpb25BdXRo
b3JpdHkwFgYDVR0lAQH/BAwwCgYIKwYBBQUHAwgwDgYDVR0PAQH/BAQDAgbAMB8GA1UdIAQYMBYw
FAYSKwYBBAGBiysHAQIIAgEMAQIBMA0GCSqGSIb3DQEBBQUAA4IBAQCNCJ+cTyTdhio5/56lGOeW
DX+wC2p9ovwq/LYjaSaQvqRDDX71n9KPCaK223QpzRPsbkS/8OluoANu0aVqOmq23ylOSrmYdNGE
a2Vel0gmIOmzlshgNbCWlhVy5/t9TSqKZFNF1+o8GaTVF8fbowmylKAUxlE7mOEBJ9av9S6rDxjY
jGGsv2NisdibSsolPJhJlPOe9wMGpx1rZntENd6dNsJw+aKZKzZuExto2lSRHNKc+Gu92eaaOOt4
6JDHRFY3ur52XfBi9Ht+VzqiIMghWOc7+4I/LWR39ZRk/+lsu+HoNlbm7asgvvEIixaanCnzRkcH
xMBCYYDHw4lP+dwY
-----END CERTIFICATE-----
```

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

2.3.18.1. TSA2

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name: *English:* TSA2

   Hungarian: TSA2

Service digital identity: *Subject key identifier:*

38 31 29 98 8F C9 FA C0 B8 4D D9 0B BE BF FD F2 18 7A 2D 8B

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/supervisionceased

The validity of the supervision assessment has lapsed without the service identified in "Service digital identity" (see clause 5.5.3) being re-assessed. The service is currently not under supervision any more from the date of the current status as the service is understood to have ceased operations. "Supervision Ceased" status shall be used when a TSP directly ceases its related services under supervision; it shall not be used when supervision has been revoked.

Status starting time: 2009-02-06T11:28:15.000Z   (06 Feb 2009 12:28:15 CET)

2.3.18.2. TSA2

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name: *English:* TSA2

  Hungarian: TSA2

Service digital identity: *Subject key identifier:*

38 31 29 98 8F C9 FA C0 B8 4D D9 0B BE BF FD F2 18 7A 2D 8B

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2008-06-19T07:28:41.000Z   (19 Jun 2008 09:28:41 CEST)

2.3.19. TSS3

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name:

English: TSS3

Hungarian: TSS3

Service digital identity:

Version:

3

Serial number:

71 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

CN=TSS3,OU=nCipher DSE ESN:121E-2BFE-C5CB,OU=TTI,O=Magyar Telekom,L=Budapest,C=HU

Issuer:

CN=Magyar Telekom Root CA,OU=Magyar Telekom Trust Center,O=Magyar Telekom Rt.,L=Budapest,C=HU

Subject key identifier:

not present

Authority key identifier:

not present

Valid from:

2008-02-01T09:22:23.000Z   (01 Feb 2008 10:22:23 CET)

Valid to:

2009-01-31T09:22:23.000Z   (31 Jan 2009 10:22:23 CET)

Key usage:

digitalSignature, nonRepudiation, keyEncipherment

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

D6:8C:F1:79:9B:D8:D3:68:D0:21:BB:0E:D9:55:86:55:80:F5:9D:C2

SHA-256:

09:08:59:63:D5:10:AA:37:B6:7D:E2:EC:9B:FD:5C:EF:78:E3:A1:A1:4C:8C:AE:FE:12:D0:EA:43:7E:1B:49:58

Public key:

Algorithm, key length:

RSA, 1024

Key value:

308189028181009EF01CD2ECD98AED8CAD3C05F624278B415120D4B97276850E04A1BA73BA1E8C352D1D0196E8E9A0
6086EC1B9CCD65DEB9AADEB3E00801BCCA797EB39248521569DD237111D069A074739D0043744C27A0B0F56ED290BB
4E33F13285EAEC60309C144E90C8E2EDCB10B83A1F9505EB5A2DA3A32A1AFF3086B97973EA1187E3AD0203010001

Certificate policies:

1.3.6.1.4.1.17835.7.1.2.8.2.1.12.1.2.1

CRL distribution points:

ldap://trustcenter.telekom.hu:389/cn=Magyar%20Telekom%20Root%20CA,c=HU
?certificateRevocationList?base?objectClass=certificationAuthority

http://www.eszigno.t-
systems.magyartelekom.hu/download_crl?issuer=Magyar%20Telekom%20Root%
20CA

PEM format:

```
-----BEGIN CERTIFICATE-----
MIIEZjCCA06gAwIBAgIBRzANBgkqhkiG9w0BAQUFADCBhDELMAkGA1UEBhMCSFUxETAPBgNVBAcT
CEJlZGFwZXN0MRswGQYDVQQKExJNYWd5YXIgVGVsZWtvbSBSdC4xJDAiBgNVBAsTG01hZ3lhciBU
ZWxla29tIFRydXN0N0IENlbnRlcjEfMB0GA1UEAxMWTWFneWFyIFRlbGVrb20gUm9vdCBDQTAeFw0w
0DAyMDEwOTIyMjNaFw0wOTAxMzEwOTIyMjNaMH8xCzAJBgNVBAYTAkhVMREwDwYDVQQHEwhCdWRh
cGVzdDEXMBUGA1UEChM0TWFneWFyIFRlbGVrb20xDDAKBgNVBAsTA1RUSTEnMCUGA1UECxMebkNp
cGhlciBEU0UgRVNOOjEyMUUtMkJGRS1DNUNCMQ0wCwYDVQQDEwRUU1MzMIGfMA0GCSqGSIb3DQEB
AQUAA4GNADCBiQKBgQCe8BzS7NmK7YytPAX2JCeLQVEglLlydoUOBKG6c7oejDUtHQGW6OmgYIbs
G5zNZd65qt6z4AgBvMp5frOSSFIVad0jcRHQaaB0c50AQ3RMJ6Cw9W7SkLtOM/EyhersYDCcFE6Q
yOLtyxC4Oh+VBetaLaOjKhr/MIa5eXPqEYfjrQIDAQABo4IBaTCCAWUwDgYDVR0PAQH/BAQDAgXg
MBEGCWCGSAGG+EIBAQQEAwIEsDCCAQUGA1UdHwSB/TCB+jCBkaCBjqCBi4aBiGxkYXA6Ly90cnVz
dGNlbnRlci50ZWxla29tLmh10jM4OS9jbj1NYWd5YXIlMjBUZWxla29tJTIwUm9vdCUyMENBLGM9
SFU/Y2VydGlmaWNhdGdVSZXZvY2F0aW9uTGlzdD9iYXNlP29iamVjdENsYXNzPWNlcnRpZmljYXRp
b25BdXRob3JpdHkwZKBioGCGXmh0dHA6Ly93d3cuZXN6aWduby50LXN5c3RlbXMubWFneWFydGVs
ZWtvbS5odS9kb3dubG9hZF9jcmw/aXNzdWVyPU1hZ3lhciUyMFRlbGVrb20lMjBSb290JTIwQ0Ew
FgYDVR0lAQH/BAwwCgYIKwYBBQUHAwgwHwYDVR0gBBgwFjAUBhIrBgEEAYGLKwcBAggCAQwBAgEw
DQYJKoZIhvcNAQEFBQADggEBABaPL/4mxGCbnLYr200BBq9mW54YSjQ9kZJqItzgtzVLrJT8A9kK
0ixcUkBYu2x/SQPRBsFEl9lFqf47efmT3tPpwZnKNvdAq7qBZq5CD9JOgupvgBbZaSB6XBjUHsae
xkMHiZDeF59wtLSOxrRPrFs9xkaRrTlXvi7bFjabFXTUD3e2qMDjub4zBY4n5v03H01cScCVqr1V
sryQgelaPdGCnDTiACd0n4QFSII/fraGamr4Zcds358tBd6Gj7VpWKncirowCaBmmeSnY41d+aPM
HSo5k7gsnPJ5iJD2OPsWhBxx3m+5SL+7QvcTN+jQ9aVk+XqYHCYdfivhwooqKfE=
-----END CERTIFICATE-----
```

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

2.3.19.1. TSS3

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name: *English:* TSS3

Hungarian: TSS3

Service digital identity: *Subject key identifier:*

F4 59 B0 27 B2 99 56 8A 21 3A 16 03 1A 7A 2B E8 6A 74 AF 46

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/supervisionceased

> *The validity of the supervision assessment has lapsed without the service identified in "Service digital identity" (see clause 5.5.3) being re-assessed. The service is currently not under supervision any more from the date of the current status as the service is understood to have ceased operations. "Supervision Ceased" status shall be used when a TSP directly ceases its related services under supervision; it shall not be used when supervision has been revoked.*

Status starting time: 2008-06-19T07:28:40.000Z   (19 Jun 2008 09:28:40 CEST)

2.3.19.2. TSS3

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name: *English:* TSS3

Hungarian: TSS3

Service digital identity: *Subject key identifier:*

F4 59 B0 27 B2 99 56 8A 21 3A 16 03 1A 7A 2B E8 6A 74 AF 46

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2008-02-01T09:22:23.000Z   (01 Feb 2008 10:22:23 CET)

2.3.20. TSS2

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name: *English:* TSS2

  Hungarian: TSS2

Service digital identity: *Version:*

3

Serial number:

62 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

CN=TSS2,OU=nCipher DSE ESN:121E-2BFE-C5CB,OU=TTI,OU=nChiper DSE200,O=Magyar Telekom,L=Budapest,C=HU

Issuer:

CN=Magyar Telekom Root CA,OU=Magyar Telekom Trust Center,O=Magyar Telekom Rt.,L=Budapest,C=HU

Subject key identifier:

not present

Authority key identifier:

not present

Valid from:

2007-09-24T14:57:08.000Z   (24 Sep 2007 16:57:08 CEST)

Valid to:

2008-09-23T14:57:08.000Z   (23 Sep 2008 16:57:08 CEST)

Key usage:

digitalSignature, nonRepudiation, keyEncipherment

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

40:7E:68:8D:DD:A4:36:34:B8:23:D4:3E:EF:A8:2A:45:EA:7A:F3:59

SHA-256:

0E:20:D7:95:6E:5A:0F:45:CA:4B:B4:ED:8B:42:D0:C9:DB:00:FB:04:35:09:46:C5:36:7C:D2:1E:3B:5B:FC:0F

Public key:

Algorithm, key length:

RSA, 1024

Key value:

30818902818100AA0614ADE0DF52E346DF80FAE706632FCF1925577B88948A61BEE0D66F0DAAA9E4718358262B1957
A00B45A335B46A462A58B080D5F2289B02E2DBB1A69B279C1EA69488F7EC19FF50AB3AB22D93AAB3FEA64D460B3E9D
2ECA19A1C2E94519725B5C8C06712C663BD98CA5A16D0F061AF6FD673F334C78807EE680257DD588C90203010001

Certificate policies:

1.3.6.1.4.1.17835.7.1.2.8.2.1.12.1.2.1

CRL distribution points:

ldap://trustcenter.telekom.hu:389/cn=Magyar%20Telekom%20Root%20CA,c=HU
?certificateRevocationList?base?objectClass=certificationAuthority

http://www.eszigno.t-
systems.magyartelekom.hu/download_crl?issuer=Magyar%20Telekom%20Root%
20CA

PEM format:

```
-----BEGIN CERTIFICATE-----
MIIEgDCCA2igAwIBAgIBPjANBgkqhkiG9w0BAQUFADCBhDELMAkGA1UEBhMCSFUxETAPBgNVBAcT
CEJlZGFwZXN0N0MRswGQYDVQQKExJNYWd5YXIgVGVsZWtvbSBSdC4xJDAiBgNVBAsTG01hZ3lhciBU
ZWxla29tIFRydXN0N0IENlbnRlcjEfMB0GA1UEAxMWTWFneWFyIFRlbGVrb20gUm9vdCBDQTAeFw0w
NzA5MjQxNDU3MDhaFw0wODA5MjMxNDU3MDhaMIGYMQswCQYDVQQGEwJIVTERMA8GA1UEBxMIQnVk
YXBlc3QxFzAVBgNVBAoTDklhZ3lhciBUZWxla29tMRcwFQYDVQQLEw5uQ2hpcGVyIERTRTIwMDEM
MAoGA1UECxMDVFRJMScwJQYDVQQLEx5uQ2lwaGVyIERTRSBFU046MTIxRS0yQkZFUM1Q0IxDTAL
BgNVBAMTBFRTUzIwgZ8wDQYJKoZIhvcNAQEBBQADgY0AMIGJAoGBAKoGFK3g3lLjRt+A+ucGYy/P
GSVXe4iUimG+4NZvDaqp5HGDWCYrGVegC0WjNbRqRipYsIDV8iibAuLbsaabJ5weppSI9+wZ/1Cr
OrItk6qz/qZNRgs+nS7KGaHC6UUZcltcjAZxLGY72YyloW0PBhr2/Wc/M0x4gH7mgCV91YjJAgMB
AAGjggFpMIIBZTAOBgNVHQ8BAf8EBAMCBeAwEQYJYIZIAYb4QgEBBAQDAgSwMIIBBQYDVR0fBIH9
MIH6MIGRoIGOoIGLhoGIbGRhcDovL3RydXN0Y2VudGVyLnRlbGVrb20uaHU6Mzg5L2NuPU1hZ3lh
ciUyMFRlbGVrb20lMjBSb290IW0QEsYzlIVT9jZXJ0aWZpY2F0ZVJldm9jYXRpb25MaXN0P2Jh
c2U/b2JqZWN0Q2xhc3M9Y2VydGlmaWNhdGlvbkF1dGhvcml0eTBkoGKgYIZeaHR0cDovL3d3dy5l
c3ppZ25vLnQtc3lzdGVtcy5tYWd5YXJ0ZWxla29tLmh1L2Rvd25sb2FkX2NybD9pc3N1ZXI9TWFn
eWFyJTIwVGVsZWtvbSUyMFJvb3Q1MjBDQTAWBgNVHSUBAf8EDDAKBggrBgEFBQcDCDAfBgNVHSAE
GDAWMBQGEisGAQQBgYsrBwECCAIBDAECATANBgkqhkiG9w0BAQUFAAOCAQEAlYV4+CRoniKD2Ted
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VAt6kXeb2eN9Ty07M4PESl6jkVNnWnSY1VcL6Yi0HGc+CP+y5GW20aGhixtcDbo3n448VcWc2ywu
JKWV5L4Pk7G/NJkTZK0i9yoF7W65l8T9UZkc296e00YSyUr/nFHw9eKGO0BtmrIa6vd7XJf5MTE9
KBe0FN7UkDyIc2pwqkVGnLYTdS/FkPnn1/8AT6klIFFoSs1DePZN9vSOh2aJCE1Z8lDOIVKnc74e
STRPOTfCBZwA0YPvXHWx2A==
-----END CERTIFICATE-----
```

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

2.3.20.1. TSS2

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name: *English:* TSS2

Hungarian: TSS2

Service digital identity: *Subject key identifier:*

8D 4F D5 39 35 F1 90 1B 87 0E 66 8A 21 F7 41 C4 D0 AA D9 71

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/supervisionceased

> *The validity of the supervision assessment has lapsed without the service identified in "Service digital identity" (see clause 5.5.3) being re-assessed. The service is currently not under supervision any more from the date of the current status as the service is understood to have ceased operations. "Supervision Ceased" status shall be used when a TSP directly ceases its related services under supervision; it shall not be used when supervision has been revoked.*

Status starting time: 2008-02-01T09:22:22.000Z   (01 Feb 2008 10:22:22 CET)

2.3.20.2. TSS2

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: TSS2

Hungarian: TSS2

Service digital identity: *Subject key identifier:*

8D 4F D5 39 35 F1 90 1B 87 0E 66 8A 21 F7 41 C4 D0 AA D9 71

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2007-09-24T14:57:08.000Z   (24 Sep 2007 16:57:08 CEST)

2.3.21. TSS2

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: TSS2

Hungarian: TSS2

Service digital identity:

Version:

3

Serial number:

31 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

CN=TSS2,OU=nCipher DSE ESN:121E-2BFE-C5CB,OU=TTI,O=Magyar Telekom,L=Budapest,C=HU

Issuer:

CN=Magyar Telekom Root CA,OU=Magyar Telekom Trust Center,O=Magyar Telekom Rt.,L=Budapest,C=HU

Subject key identifier:

not present

Authority key identifier:

not present

Valid from:

2006-09-25T11:12:02.000Z   (25 Sep 2006 13:12:02 CEST)

Valid to:

2007-09-25T11:12:02.000Z   (25 Sep 2007 13:12:02 CEST)

Key usage:

digitalSignature, nonRepudiation, keyEncipherment

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

96:1A:A2:71:58:92:8D:D2:32:2C:29:E7:E6:92:76:B2:A9:BB:FA:F9

SHA-256:

A3:D2:06:67:89:4C:D6:FA:EA:74:69:85:4F:5A:C8:23:69:1D:10:ED:9B:33:94:D7:4F:9D:14:EC:8C:A9:B1:4C

Public key:

Algorithm, key length:

RSA, 1024

Key value:

308189028181009EB885B5F390A5DE89C953476D0C758310743716341BE6CB8358E72E0967750712D351966F9FE38F
11B0C9764F55FB9DCCD2E703AC89A0A9D729A4F5CE5BF5280FB074F110A979750071BC9A16AC689D02E48221B7C357
331D57A4E0576CEBFC6B3705877B028DFF9EE3182E7C86D5F0240FF780987550B4DC1A24B5C23C1F2D0203010001

Certificate policies:

1.3.6.1.4.1.17835.7.1.2.8.2.1.12.1.2.1

CRL distribution points:

ldap://trustcenter.telekom.hu:389/cn=Magyar%20Telekom%20Root%20CA,c=HU
?certificateRevocationList?base?objectClass=certificationAuthority

http://www.eszigno.t-
systems.magyartelekom.hu/download_crl?issuer=Magyar%20Telekom%20Root%
20CA

PEM format:

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-----BEGIN CERTIFICATE-----
MIIEZjCCA06gAwIBAgIBHzANBgkqhkiG9w0BAQUFADCBhDELMAkGA1UEBhMCSFUxETAPBgNVBAcT
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ZWxla29tIFRydXN0N0IENlbnRlcjEfMB0GA1UEAxMWTWFneWFyIFRlbGVrb20gUm9vdCBDQTAeFw0w
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AQUAA4GNADCBiQKBgQCeuIW185Cl3onJU0dtDHWDEHQ3FjQb5suDWOcuCWd1BxLTUZZvn+OPEbDJ
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ewKN/57jGC58htXwJA/3gJh1ULTcGiS1wjwfLQIDAQABo4IBaTCCAWUwDgYDVR0PAQH/BAQDAgXg
MBEGCWCGSAGG+EIBAQQEAwIEsDCCAQUGA1UdHwSB/TCB+jCBkaCBjqCBi4aBiGxkYXA6Ly90cnVz
dGNlbnRlci50ZWxla29tLmh10jM4OS9jbj1NYWd5YXIlMjBUZWxla29tJTIwUm9vdCUyMENBLGM9
SFU/Y2VydGlmaWNhdGVSZXZvY2F0aW9uTGlzdD9iYXNlP29iamVjdENsYXNzPWNlcnRpZmljYXRp
b25BdXRob3JpdHkwZKBioGCGXmh0dHA6Ly93d3cuZXN6aWdub3y50LXN5c3RlbXMubWFneWFydGVs
ZWtvbS5odS9kb3dubG9hZF9jcmw/aXNzdWVyPU1hZ3lhciUyMFRlbGVrb20lMjBSb290JTIwQ0Ew
FgYDVR0lAQH/BAwwCgYIKwYBBQUHAwgwHwYDVR0gBBgwFjAUBhIrBgEEAYGLKwcBAggCAQwBAgEw
DQYJKoZIhvcNAQEFBQADggEBAEwamrHLCZDNnFkJys5PyUZuDcCbpsVwdDHWVwRwRHavpQwq+vuG
e65OmTSFVGBi4ssR26PyW3LbOSrkJHL/4cybg0kPiE5Lrge5zzVYhY8cNHdg2TWkArd/xAXMdIBf
BoVhmby77ywDcp2lI2l7/jGl3Ij7GM9j4aRcYLMrhRo3kezB5N0ZCBdDvnY0bJGlU9C5s2delmhR
XnXtb/+Dalo9gpOIk+tBaD9CM/YLiWLHaVE9zYBjvJeiC9qmI5x72yJAhp7e2caDKMpkDcrlcITd
VYeSkC1HJMLVzEp+se9NF9ilyMWAVBCz9JHrA6bz9qU3Jq4ABXJIhEbaLH+Watk=
-----END CERTIFICATE-----
```

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

2.3.21.1. TSS2

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name: *English:* TSS2

                Hungarian: TSS2

Service digital identity: *Subject key identifier:*

58 4D DC E6 08 CE 70 1D 52 A9 95 C1 48 49 3D 1A 41 90 F3 83

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/supervisionceased

The validity of the supervision assessment has lapsed without the service identified in "Service digital identity" (see clause 5.5.3) being re-assessed. The service is currently not under supervision any more from the date of the current status as the service is understood to have ceased operations. "Supervision Ceased" status shall be used when a TSP directly ceases its related services under supervision; it shall not be used when supervision has been revoked.

Status starting time: 2007-09-24T14:57:07.000Z   (24 Sep 2007 16:57:07 CEST)

2.3.21.2. TSS2

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name: *English:* TSS2

Hungarian: TSS2

Service digital identity: *Subject key identifier:*

58 4D DC E6 08 CE 70 1D 52 A9 95 C1 48 49 3D 1A 41 90 F3 83

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2006-09-25T11:12:02.000Z   (25 Sep 2006 13:12:02 CEST)

2.3.22. TSS2

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name:

English: TSS2

Hungarian: TSS2

Service digital identity:

Version:

3

Serial number:

7 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

CN=TSS2,OU=nCipher DSE ESN:121E-2BFE-C5CB,OU=TTI,O=Magyar Telekom,L=Budapest,C=HU

Issuer:

CN=Magyar Telekom Root CA,OU=Magyar Telekom Trust Center,O=Magyar Telekom Rt.,L=Budapest,C=HU

Subject key identifier:

not present

Authority key identifier:

not present

Valid from:

2005-09-28T13:31:23.000Z   (28 Sep 2005 15:31:23 CEST)

Valid to:

2006-09-28T13:31:23.000Z   (28 Sep 2006 15:31:23 CEST)

Key usage:

digitalSignature, nonRepudiation, keyEncipherment

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

F4:C1:8F:95:DE:89:FE:FF:AC:6F:A3:CE:09:32:4D:9B:27:A5:14:43

SHA-256:

6B:6A:D2:36:FE:D2:C4:EB:A9:5F:3E:9E:02:21:68:10:C3:D5:9C:A6:F1:0D:88:AB:0A:1F:A0:C6:1A:74:01:54

Public key:

Algorithm, key length:

RSA, 1024

Key value:

30818902818100A5B27A55C0D6BA118289B932EAC00A8DB661F23260DB27360EB58FE896AE81FFCB2A4A86B2E3179A
76418E86534ED5232FF6FE77B03A3DEB75603A1BD1BB2FE4DC00CEE9A31A86DE7F77778AA5DD85EDCB63EC4E71F904
3C8CDF5D40DD5569E2A863FC926ABF1ADD6C7F758BF7C70101A76F8D4CE829ABE8AFA9DD87C7721BED0203010001

Certificate policies:

1.3.6.1.4.1.17835.7.1.2.8.2.1.12.1.2.1

CRL distribution points:

ldap://trustcenter.telekom.hu:389/cn=Magyar%20Telekom%20Root%20CA,c=HU
?certificateRevocationList?base?objectClass=certificateAuthority

http://www.eszigno.t-
systems.magyartelekom.hu/download_crl?issuer=Magyar%20Telekom%20Root%
20CA

PEM format:

-----BEGIN CERTIFICATE-----
MIIEZDCCA0ygAwIBAgIBBzANBgkqhkiG9w0BAQUFADCBhDELMAkGA1UEBhMCSFUxETAPBgNVBAcT
CEJlZGFwZXN0MRswGQYDVQQKExJNYWd5YXIgVGVsZWtvbSBSdC4xJDAiBgNVBAsTG01hZ3lhciBU
ZWxla29tIFRydXN0IENlbnRlcjEfMB0GA1UEAxMWTWFneWFyIFRlbGVrb20gUm9vdCBDQTAeFw0w
NTA5MjgxMzMxMjNaFw0wNjA5MjgxMzMxMjNaMH8xCzAJBgNVBAYTAkhVMREwDwYDVQQHEwhCdWRh
cGVzdDEXMBUGA1UEChMOTWFneWFyIFRlbGVrb20xDDAKBgNVBAsTA1RUSTEnMCUGA1UECxMebkNp
cGhlciBEU0U0UgRVNOOjEyMUUtMkJGRS1DNUNCMQ0wCwYDVQQDEwRUU1MyMIGfMA0GCSqGSIb3DQEB
AQUAA4GNADCBiQKBgQClsnpVwNa6EYKJuTLqwAqNtmHyMmDbJzYOtY/olq6B/8sqSoay4xeadkGO
hlNO1SMv9v53sDo963VgOhvRuy/k3ADO6aMaht5/d3eKpd2F7ctj7E5x+QQ8jN9dQN1VaeKoY/yS
ar8a3Wx/dYv3xwEBp2+NTOgpq+ivqd2Hx3Ib7QIDAQABo4IBZzCCAWMwDgYDVR0PAQH/BAQDAgXg
MBEGCWCGSAGG+EIBAQQEAwIEsDCCAQMGA1UdHwSB+zCB+DCBj6CBjKCBiYaBhmxkYXA6Ly90cnVz
dGNlbnRlci50ZWxla29tLmh10jM4OS9jbj1NYWd5YXIlMjBUZWxla29tJTIIwUm9vdCUyMENBLGM9
SFU/Y2VydGlmaWNhdGVSZVZvY2F0aW9uTGlzdD9iYXNlP29iamVjdENsYXNzPWNlcnRpZmljYXRl
QXV0aG9yaXR5MGSgY2qQBghl5odHRwOi8vd3d3LmVzemlnbm8udC1zeXN0ZW1zLm1hZ3lhcnRlbGVr
b20uaHUvZG93bmxvYWRfY3JsP2lzc3Vlcj1NYWd5YXIlMjBUZWxla29tJTIIwUm9vdCUyMENBMBYG
A1UdJQEB/wQMMAoGCCsGAQUFBwMIMB8GA1UdIAQYMBYwFAYSKwYBBAGBiysHAQIIAgEMAQIBMA0G
CSqGSIb3DQEBBQUAA4IBAQAEWc/FgxfLUNf1pXLISd6tG7omivBYqmFBozEx7ovzViNRAak4xQYm
Hhvtvnwn6S5RBLrA9MntxKHx5vRLs0nKzeFh09aRk2z4W5LoNtvFPfZlLEX0e3yTsZ/gcLaxdrLD
w3QA0ReUOyPCrSqnzRff5Zval2VwzvM4cNLer3uU0acL54f7oOHYUXlIxDwFOI8+Lz5uC5P4/CwU
rqc8vxofJcC/yRUoKsXJzOE5y/llwwL2vkdBaey7LQaQgcUy2wXm3kgw6q/HuuJROfLs8kcBS9dR
dI88SM9/PaW/wP1R739a27JD5kekQmVz/McN3GRXBLprueNYDvn/3tA2Va//
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

2.3.22.1. TSS2

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name: *English:* TSS2

Hungarian: TSS2

Service digital identity: *Subject key identifier:*

4E 83 77 6E 8C 1A 25 8B 47 0F 1E 0D C0 14 78 CA 90 88 A5 1E

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/supervisionceased

> *The validity of the supervision assessment has lapsed without the service identified in "Service digital identity" (see clause 5.5.3) being re-assessed. The service is currently not under supervision any more from the date of the current status as the service is understood to have ceased operations. "Supervision Ceased" status shall be used when a TSP directly ceases its related services under supervision; it shall not be used when supervision has been revoked.*

Status starting time: 2006-09-25T11:12:01.000Z   (25 Sep 2006 13:12:01 CEST)

2.3.22.2. TSS2

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name: *English:* TSS2

Hungarian: TSS2

Service digital identity: *Subject key identifier:*

4E 83 77 6E 8C 1A 25 8B 47 0F 1E 0D C0 14 78 CA 90 88 A5 1E

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2005-09-28T13:31:23.000Z   (28 Sep 2005 15:31:23 CEST)

2.3.23. TSS2-2

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: TSS2-2

Hungarian: TSS2-2

Service digital identity:

Version:

3

Serial number:

36 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

CN=TSS2-2,OU=TTI,O=MATAV,C=HU

Issuer:

CN=Matav Minositett Root CA,OU=Matav Trust Center,O=Matav,L=Budapest,C=HU

Subject key identifier:

not present

Authority key identifier:

not present

Valid from:

2005-09-15T11:55:46.000Z   (15 Sep 2005 13:55:46 CEST)

Valid to:

2006-09-15T11:55:46.000Z   (15 Sep 2006 13:55:46 CEST)

Key usage:

digitalSignature, nonRepudiation, keyEncipherment, dataEncipherment

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

AD:E1:94:8A:61:2F:D7:4C:D3:15:1E:FA:EA:9A:6B:AE:99:B4:14:54

SHA-256:

82:7F:3E:06:0E:4E:21:4C:46:D4:E7:A0:C0:FE:5B:96:6C:7F:0C:16:13:65:09:4F:81:6F:09:4F:3C:3B:1E:3C

Public key:

Algorithm, key length:

RSA, 1024

Key value:

30818902818100CB62FECB2FF7166B6C40B64359CEC4855D876A7F712C5AD63D5CDE0056BE770D9E7B593AF6216BF3
54C440955B2CB668981D943261CB279A943B57DBDE2BB020F47883006211A6230D07EEFE088E364640BCAB97E39EF1
16CEA4EA1F0112F9352DE6588D58A1CB7AA93770E7119D6A9BC7C92D80CB49006F5A2367BEF860766B0203010001

Certificate policies:

not present

CRL distribution points:

ldap://trustcenter.matav.hu:389/cn=Matav%20Minositett%20Root%20CA,c=HU?
certificateRevocationList?base?objectClass=certificationAuthority
http://www.eszigno.matav.hu/Minositett/download_crl?issuer=Matav%20Minosite
tt%20Root%20CA

PEM format:

```
-----BEGIN CERTIFICATE-----
MIID0zCCArugAwIBAgIBJDANBgkqhkiG9w0BAQUFADBwMQswCQYDVQQGEwJIVTERMA8GA1UEBxMI
QnVkYXBlc3QxDjAMBgNVBAoTBU1hdGF2MRswGQYDVQQLExJNYXRhdiBUcnVzdCBDZW50ZXIxITAf
BgNVBAMTGE1hdGF2IE1pbm9zaXRldHQgUm9vdCBDQTAeFw0wNTA5MTUxMTU1NDZaFw0wNjA5MTUx
MTU1NDZaMDwxCzAJBgNVBAYTAkhVMQ4wDAYDVQQKEwVNQVRBVjEMMAoGA1UECxMDVFRJMQ8wDQYD
VQQDEwZUU1MyLTIwgZ8wDQYJKoZIhvcNAQEBBQADgY0AMIGJAoGBAMti/ssv9xZrbEC2Ql1nOxIVd
h2p/cSxa1j1c3gBWvncNnntZOvYha/NUxECVWyy2aJgdlDJhyyealDtX294rsCD0eIMAYhGmIw0H
7v4IjjZGQLyrl+Oe8RbOpOofARL5NS3mWI1Yoct6qTdw5xGdapvHyS2Ay0kAblojZ774YHZrAgMB
AAGjggEuMIIBKjARBglghkgBhvhCAQEEBAMCBkAwDgYDVR0PAQH/BAQDAgTwMIIBAwYDVR0fAQH/
BIH4MIH1MIGRoIGOoIGLhoGIbGRhcDovL3RydXN0Y2VudGVyLm1hdGF2Lmh1OjM4OS9jbj1NYXRh
diUyME1pbm9zaXRldHQlMjBSb290JTIwQ0EsYz1IVT9jZXJ0aWZpY2F0ZVJldm9jYXRpb25MaXN0
P2Jhc2U/b2JqZWN0Q2xhc3M9Y2VydGlmaWNhdGlvbkF1dGhvcml0eTBfoF2gW4ZZaHR0cDovL3d3
dy5lc3ppZ25vLm1hdGF2Lmh1L01pbm9zaXRldHQvZG93bmxvYWRfY3JsP2lzc3Vlcj1NYXRhdiUy
ME1pbm9zaXRldHQlMjBSb290JTIwQ0EwDQYJKoZIhvcNAQEFBQADggEBAF9Syg3Twjp9lSsJ1FBX
NU2bPT+v8PeZNeBSyMn9OVhBxrYeNB+4Yr3PfFGTZCFbZjVO/OJM7YzKz1SOXaHFB/xaMX0BjNJ+
HZraJsr8E8yDjxIEzk8TCd3sG3QeTqqGkuShjKYgFiGsCUuvNzCa91mOt7O+WPT4viPKV74Ru5cD
YTzZi+F+5mjnpTX88k5TbZiKBOF7vomjqR4R+F7fz6Lgvq2+PShgthLPm9J++d8y4no2bTUpCePl
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aoz9epy+YVVYM0nGx1w=
-----END CERTIFICATE-----
```

Service status:	http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn
	In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.
Status starting time:	2016-06-30T22:00:00.000Z (01 Jul 2016 00:00:00 CEST)

2.3.23.1. TSS2-2

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name: *English:* TSS2-2

Hungarian: TSS2-2

Service digital identity: *Subject key identifier:*

D0 63 8B 0A F6 DB E5 3B E2 55 42 76 A6 9F 15 51 E4 49 6B 8C

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/supervisionceased

The validity of the supervision assessment has lapsed without the service identified in "Service digital identity" (see clause 5.5.3) being re-assessed. The service is currently not under supervision any more from the date of the current status as the service is understood to have ceased operations. "Supervision Ceased" status shall be used when a TSP directly ceases its related services under supervision; it shall not be used when supervision has been revoked.

Status starting time: 2005-09-28T13:31:22.000Z   (28 Sep 2005 15:31:22 CEST)

2.3.23.2. TSS2-2

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name: *English:* TSS2-2

Hungarian: TSS2-2

Service digital identity: *Subject key identifier:*

D0 63 8B 0A F6 DB E5 3B E2 55 42 76 A6 9F 15 51 E4 49 6B 8C

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2005-09-15T11:55:46.000Z   (15 Sep 2005 13:55:46 CEST)

2.3.24. TSS2

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:
English: TSS2

Hungarian: TSS2

Service digital identity:
Version:
3

Serial number:
23 (decimal)

Signature algorithm:
SHA1withRSA (1.2.840.113549.1.1.5)

Subject:
CN=TSS2,OU=nCipher DSE ESN:121E-2BFE-C5CB,OU=TTI,O=MATAV,L=Budapest,C=HU

Issuer:
CN=Matav Minositett Root CA,OU=Matav Trust Center,O=Matav,L=Budapest,C=HU

Subject key identifier:
not present

Authority key identifier:
not present

Valid from:
2004-09-17T12:26:44.000Z   (17 Sep 2004 14:26:44 CEST)

Valid to:
2005-09-17T12:26:44.000Z   (17 Sep 2005 14:26:44 CEST)

Key usage:
digitalSignature, nonRepudiation, keyEncipherment

Basic constraints:
cA = FALSE

Thumbprint:

SHA-1:
F0:11:46:5C:C1:90:87:74:A2:20:91:3E:4A:3D:E3:A6:5B:6A:D7:11

SHA-256:
4C:E6:58:8B:4D:69:41:6A:9E:74:45:F8:30:87:CD:9B:C0:A8:95:6D:50:6D:B1:3C:EC:71:3C:32:BA:D3:9B:C4

Public key:

Algorithm, key length:

RSA, 1024

Key value:

30818902818100BB4BC891E52FCF2CD36C90E466E792AA4334E751731DA4439D141812189AB89EAF8B4732D89D15E7
4FC0705DCA2415370AAA31D0E8E8468D272341B7875286872F1B17B14994E90E0338ED3C2DD342175AD17BA8151FC8
B469DBB5099FABA1B89ABA808E59A43285F5B704D58FCC85D38B9D6B2CD27CE84A2A1C0EEC55AAF1CB0203010001

Certificate policies:

1.3.6.1.4.1.17835.7.1.2.8.2.1.12.1.2.1

CRL distribution points:

ldap://trustcenter.matav.hu:389/cn=Matav%20Minositett%20Root%20CA,c=HU?
certificateRevocationList?base?objectClass=certificationAuthority

http://www.eszigno.matav.hu/Minositett/download_crl?issuer=Matav%20Minosite
tt%20Root%20CA

PEM format:

-----BEGIN CERTIFICATE-----
MIIEMzCCAxugAwIBAgIBFzANBgkqhkiG9w0BAQUFADBwMQswCQYDVQQGEwJIVTERMA8GA1UEBxMI
QnVkYXBlc3QxDjAMBgNVBAoTBU1hdGF2MRswGQYDVQQLExJNYXRhdiBUcnVzdCBDZW50ZXIxITAf
BgNVBAMTGE1hdGF2IE1pbm9zaXRldHQgUm9vdCBDQTAeFw0wNDA5MTcxMjI2NDRaFw0wNTA5MTcx
MjI2NDRaMHYxCzAJBgNVBAYTAkhVMREwDwYDVQQHEwhCdWRhcGVzdDEOMAwGA1UEChMFTUFUQVYx
DDAKBgNVBAsTA1RUSTEnMCUGA1UECxMebkNpcGhlciBEU0UgRVNOOjEyMUUtMkJGRS1DNUNCMQ0w
CwYDVQQDEwRUU1MyMIGfMA0GCSqGSIb3DQEBAQUAA4GNADCBiQKBgQC7S8iR5S/PLNNskORm55Kq
QzTnUXMdpE0dFBgSGJq4nq+LRzLYnRXnT8BwXcokFTcKqjHQ6OhGjScjQbeHUoaHLxsXsUmU6Q4D
OO08LdNCF1rRe6gVH8i0adu1CZ+robiauoCOWaQyhfW3BNWPzIXTi51rLNJ86EoqHA7sVarxywID
AQABo4IBVDCCAVAwDgYDVR0PAQH/BAQDAgXgMB8GA1UdIAQYMBYwFAYSKwYBBAGBiysHAQIIAgEM
AQIBMIIBAwYDVR0fAQH/BIH4MIH1MIGRoIGOoIGLhoGIbGRhcDovL3RydXN0Y2VudGVyLm1hdGF2
Lmh1OjM4OS9jbj1NYXRhdiUyME1pbm9zaXRldHQlMjBSb290JTIwQ0EsYz1IVT9jZXJ0aWZpY2F0
ZVJldm9jYXRpb25MaXN0P2Jhc2U/b2JqZWN0Q2xhc3M3Y2VydGlmaWNhdGlvbkF1dGhvcml0eTBf
oF2gW4ZZaHR0cDovL3d3dy5lc3ppgZ25vLm1hdGF2Lmh1L01pbm9zaXRldHQvZG93bmxvYWRfY3Js
P2lzc3Vlcj1NYXRhdiUyME1pbm9zaXRldHQlMjBSb290JTIwQ0EwFgYDVR0lAQH/BAwwCgYIKwYB
BQUHAwgwDQYJKoZIhvcNAQEFBQADggEBADkHd2iCHHbMA5CXnP/JvFyEjCLqp1hR+hzCRFzG2V8v
k0IQhREIOp/ch+Hem7j/MHNcnQuN4Z2oWVuI+/a5ioEkWBYsplknSF03IpWinUG0+cIA1h9IdfbC
4ML+o6z8g1ZRF4siT7O5FNjYOu7GY2ZgGAhx5J61mzXAjL4ts1CU8YDnoQJTXA5j+yMkWZtES1XF
uO2lQz8N+ahYblNObEh0PeVF/FD7xWAJtIn7VWdnSIBRxkRKpCiPuHfYRiiiGXtoPNrEB49a5B24
l65/s6xiOOClvaITo1RYtZ6bDFiYjhbBbKlarhSwZ19ORRmlV20BuQzK+lmbepH9zCFCYwg=
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

2.3.24.1. TSS2

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: TSS2

Hungarian: TSS2

Service digital identity: *Subject key identifier:*

1F DA 39 70 7C C1 1C D2 EA DE 06 01 1F 12 70 5E 33 F1 7B 95

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/supervisionceased

The validity of the supervision assessment has lapsed without the service identified in "Service digital identity" (see clause 5.5.3) being re-assessed. The service is currently not under supervision any more from the date of the current status as the service is understood to have ceased operations. "Supervision Ceased" status shall be used when a TSP directly ceases its related services under supervision; it shall not be used when supervision has been revoked.

Status starting time: 2005-09-15T11:55:45.000Z   (15 Sep 2005 13:55:45 CEST)

2.3.24.2. TSS2

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name: *English:* TSS2

                  Hungarian: TSS2

Service digital identity: *Subject key identifier:*

1F DA 39 70 7C C1 1C D2 EA DE 06 01 1F 12 70 5E 33 F1 7B 95

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2004-09-17T12:26:44.000Z   (17 Sep 2004 14:26:44 CEST)

2.3.25. TSA1 2011

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name:

  English: TSA1 2011

  Hungarian: TSA1 2011

Service digital identity: *Subject key identifier:*

4A 9B 21 E5 D2 4C EB 97 8A FB A2 9F AA AC 2E F6 95 EA 6D DF

Service digital identity: *Version:*

3

Serial number:

10 (decimal)

Signature algorithm:

SHA512withRSA (1.2.840.113549.1.1.13)

Subject:

CN=TSA1 2011,OU=nCipher DSE ESN:36D0-0FEE-937C,OU=TTI,O=Magyar Telekom,L=Budapest,C=HU

Issuer:

CN=Magyar Telekom RootCA 2011,O=Magyar Telekom,C=HU

Subject key identifier:

4A 9B 21 E5 D2 4C EB 97 8A FB A2 9F AA AC 2E F6 95 EA 6D DF

Authority key identifier:

B2 B9 9B 74 0F A0 B2 7C 7C 58 25 97 92 F7 44 7D 96 0B D7 03

Valid from:

2012-01-18T09:42:02.000Z   (18 Jan 2012 10:42:02 CET)

Valid to:

2023-01-18T09:42:02.000Z   (18 Jan 2023 10:42:02 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

69:4E:D6:EC:A5:69:9A:C7:FD:7F:EF:D6:7E:BE:36:BA:39:FF:39:8F

SHA-256:

EF:7F:5E:88:95:F6:AE:DF:93:4C:AD:AB:16:AB:76:84:CA:73:47:E5:1D:66:B9:74:E8:3D:24:D6:8F:49:9A:0E

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100AC11F5A5E14CEAD42736394BC6E75FD02817389779F44B4DB60FAC7C761740EC73560A0D310F
F1F89A4EB879FE73376DA128719EC195C3FB37E5B9E83174612DB4CB0358756F7DE9918D7FD89ABB38BF62D2184ACD
4C7CF01C85D07BD446543B36118275EEA6D8BB8B61DBBAC6B1D42DDE9E6FCF38B423FA6647160EEB18114A5D0C45E7
733F040D1F79493E816F42A0762E11B7E0EE8CE6738396538424BC257DFED4524F0D5E5920B7048475DE7D3B662BE6
657C79171E7D0FC58707F539728F25F813E6F8D115E5DF6204419FC0AEBB3928890712F892550CEF657D4197185568
BC30F5DBA95C0BB747E7935A642283FDCA591B01F895AB9372D637BE1A730203010001

Certificate policies:

1.3.6.1.4.1.17835.7.1.2.8.2.1.12.1.2.2

CRL distribution points:

http://eszigno.t-
systems.magyartelekom.hu/download_crl?issuer=Magyar%20Telekom%20RootC
A%202011

ldap://trustcenter.magyartelekom.hu:389/cn=Magyar%20Telekom%20RootCA%2
02011,c=HU?certificateRevocationList?base?objectClass=certificationAuthority

PEM format:

-----BEGIN CERTIFICATE-----
MIIFPDCCBCSgAwIBAgIBCjANBgkqhkiG9w0BAQ0FADBLMQswCQYDVQQGEwJIVTEXMBUGA1UECgwO
TWFneWFyIFRlbGVrb20xIzAhBgNVBAMMGklhZ3lhciBUZWxla29tIFJvb3RDQSAyMDExMB4XDTEy
MDExODA5NDIwMloXDTIzMDExODA5NDIwMlowgYQxCzAJBgNVBAYTAkhVMREwDwYDVQQHDAhCdWRh
cGVzdDEXMBUGA1UECgw0TWFneWFyIFRlbGVrb20xDDAKBgNVBAsMA1RUSTEnMCUGA1UECwwebkNp
cGhlciBEU0UgRVN0OjM2RDAtMEZFRS05MzdDMRIwEAYDVQQDDAlUU0ExIDIwMTEwggEiMA0GCSqG
SIb3DQEBAQUAA4IBDwAwggEKAoIBAQCsEfWl4Uzq1Cc2OUvG51/QKBc4l3n0S022D6x8dhdA7HNW
Cg0xD/H4mk64ef5zN22hKHGewZXD+zfluegxdGEttMsDWHVvfemRjX/Ymrs4v2LSGErNTHzwHIXQ
e9RGVDs2EYJ17qbYu4th27rGsdQt3p5vzzi0I/pmRxYO6xgRSl0MRedzPwQNH3lJPoFvQqB2LhG3
4O6M5nODllOEJLwlff7UUk8NXlkgtwSEdd5902Yr5mV8eRcefQ/Fhwf1OXKPJfgT5vjRFeXfYgRB
n8CuuzkoiQcS+JJVDO9lfUGXGFVovDD126lcC7dH55NaZCKD/cpZGwH4lauTctY3vhpzAgMBAAGj
ggHvMIIB6zAfBgNVHSMEGDAWgBSyuZt0D6CyfHxYJZeS90R9lgvXAzAdBgNVHQ4EFgQUSpsh5dJM
65eK+6Kfqqwu9pXqbd8wDAYDVR0TAQH/BAIwADCCAREGA1UdHwSCAQgwggEEMGSgYqBghl5odHRw
Oi8vZXN6aWduby50LXN5c3RlbXMubWFneWFydGVsZWtvbS5odS9kb3dubG9hZF9jcmw/aXNzdWVy
PU1hZ3lhciUyMFRlbGVrb20lMjBSb290Q0ElMjAyMDExMIGboIGYoIGVhoGSbGRhcDovL3RydXN0
Y2VudGVyLm1hZ3lhcnRlbGVrb20uaHU6Mzg5L2NuPU1hZ3lhciUyMFRlbGVrb20lMjBSb290Q0El
MjAyMDExLGM9SFU/Y2VydGlmaWNhdGVSZXZvY2F0aW9uTGlzdD9iYXNlP29iamVjdENsYXNzPWNl
cnRpZmljYXRpb25BdXRob3JpdHkwHkwFgYDVR0lAQH/BAwwCgYIKwYBBQUHAwgwDgYDVR0PAQH/BAQD
AgbAMB8GA1UdIAQYMBYwFAYSKwYBBAAGBiysHAQIIAgEMAQICMDQGCCsGAQUFBwEBBDEwLzAtBggr
BgEFBQcwAYYhaHR0cDovL29jc3AubWFneWFydGVsZWtvbS5odS9vY3NwMA0GCSqGSIb3DQEBDQUA
A4IBAQAJeOskvxF6ECOOf3R5KLHXz9Z0BL3BaYNSZnHEOER96nDMQajWsLs5z1aeFU26pJGsag4c
t+ee+lSUXpSZdRD/sQByWVcqmlc2gUImh7AYbSn/Gi5Hrj9HVElkqKObpmvPojXCYWo5b5j6KVZN
qsEpG9OFVLcsvcv6/A9JpcL/O8Wp7Ujs+skbAqyl5YpLaFVJEaBfThIhr5dfWxFhpI4M5FxdRJlU
sOjjhzuc3CFjylDeYq/B9k7XzYDnJGIo9h35kc74xNvH+3sbXW/CuW/912yvW/dCDVKlyD1uyy2y
334jw69q6kg5O89AIHFAid4nvP7sgJezv6gDlO/sfhjl
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

2.3.25.1. TSA1 2011

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name: *English:* TSA1 2011

   Hungarian: TSA1 2011

Service digital identity: *Subject key identifier:*

4A 9B 21 E5 D2 4C EB 97 8A FB A2 9F AA AC 2E F6 95 EA 6D DF

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/supervisionceased

The validity of the supervision assessment has lapsed without the service identified in "Service digital identity" (see clause 5.5.3) being re-assessed. The service is currently not under supervision any more from the date of the current status as the service is understood to have ceased operations. "Supervision Ceased" status shall be used when a TSP directly ceases its related services under supervision; it shall not be used when supervision has been revoked.

Status starting time: 2014-11-27T08:00:00.000Z   (27 Nov 2014 09:00:00 CET)

2.3.25.2. TSA1 2011

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name: *English:* TSA1 2011

Hungarian: TSA1 2011

Service digital identity: *Subject key identifier:*

4A 9B 21 E5 D2 4C EB 97 8A FB A2 9F AA AC 2E F6 95 EA 6D DF

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2012-01-18T09:42:02.000Z   (18 Jan 2012 10:42:02 CET)

2.3.26. TSA2 2011

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: TSA2 2011

Hungarian: TSA2 2011

Service digital identity:

Subject key identifier:

CA 2C B8 65 76 08 6B E1 FB 25 41 4F B1 0F 25 40 CC AB BF 3E

Service digital identity:

Version:

3

Serial number:

11 (decimal)

Signature algorithm:

SHA512withRSA (1.2.840.113549.1.1.13)

Subject:

CN=TSA2 2011,OU=nCipher DSE ESN:B08E-A944-8B0E,OU=TTI,O=Magyar Telekom,L=Budapest,C=HU

Issuer:

CN=Magyar Telekom RootCA 2011,O=Magyar Telekom,C=HU

Subject key identifier:

CA 2C B8 65 76 08 6B E1 FB 25 41 4F B1 0F 25 40 CC AB BF 3E

Authority key identifier:

B2 B9 9B 74 0F A0 B2 7C 7C 58 25 97 92 F7 44 7D 96 0B D7 03

Valid from:

2012-01-18T09:47:54.000Z   (18 Jan 2012 10:47:54 CET)

Valid to:

2023-01-18T09:47:54.000Z   (18 Jan 2023 10:47:54 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

05:A8:7B:5E:87:09:0A:4C:FB:76:C6:54:B4:27:CD:1A:DF:39:A7:8A

SHA-256:

29:C1:3C:77:9E:50:B2:94:2E:1B:E2:48:28:1F:6E:67:E9:5C:99:9B:13:F0:86:2D:09:78:26:36:27:E1:1B:3A

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100EA8F4A18E43DB2BEC89DCC6063620ED82A5AED7698BB9D23E8FF73E2836915B2CE36CB6F52CE
3EF697F4F5FE8E0285AACDBA7707EA933B1F6441F9C95DC8AEE39628B7346632593425EB2469D6AB98AB4156B66FEB
AE94165D3458AB88CEF0836ADAD97ABE78F08C67CC1FAE19C0A1792487385497EE5E013FC6BE44279064A5CF05F768
7C170C65553268F24F06B197915F6A856208E5ACDDACEF2AA14FC9465BF32709FE123A78ABD6511748AD671D108F6F
F333B72862AFFA049B13BDE1E45DAC4F0C622BFBFBAE507D1635C411A9B262FBA319FB1E2B07984B9D3B4CF6FBDA8A
4170F01948DCF1DFAC8543A26455456C15E9019738E27D509E305992E4C90203010001

Certificate policies:

1.3.6.1.4.1.17835.7.1.2.8.2.1.12.1.2.2

CRL distribution points:

http://eszigno.t-
systems.magyartelekom.hu/download_crl?issuer=Magyar%20Telekom%20RootC
A%202011

ldap://trustcenter.magyartelekom.hu:389/cn=Magyar%20Telekom%20RootCA%2
02011,c=HU?certificateRevocationList?base?objectClass=certificationAuthority

PEM format:

```
-----BEGIN CERTIFICATE-----
MIIFPDCCBCSgAwIBAgIBCzANBgkqhkiG9w0BAQ0FADBLMQswCQYDVQQGEwJIVTEXMBUGA1UECgwO
TWFneWFyIFRlbGVrb20xIzAhBgNVBAMMGklhZ3lhciBUZWxla29tIFJvb3RDQSAyMDExMB4XDTEy
MDEx0DA5NDc1NFoXDTIzMDEx0DA5NDc1NFowgYQxCzAJBgNVBAYTAkhVMREwDwYDVQQHDAhCdWRh
cGVzdDEXMBUGA1UECgw0TWFneWFyIFRlbGVrb20xDDAKBgNVBAsMA1RUSTEnMCUGA1UECwwebkNp
cGhlciBEU0UgRVN0OkIwOEUtQTk0NC04QjBFMRIwEAYDVQQDDAlUU0EyIDIwMTEwggEiMA0GCSqG
SIb3DQEBAQUAA4IBDwAwggEKAoIBAQDqj0oY5D2yvsidzGBjYg7YKlrtdpi7nSPo/3Pig2kVss42
y29Szj72l/Tl/o4CharNuncH6pM7H2RB+cldyK7jlii3NGYyWTQl6yRp1quYq0FWtm/rrpQWXTRY
q4jO8INq2tl6vnjwjGfMH64ZwKF5JIc4VJfuXgE/xr5EJ5Bkpc8F92h8FwxlVTJo8k8GsZeRX2qF
YgjlrN2s7yqhT8lGW/MnCf4SOnir1lEXSK1nHRCPb/Mztyhir/oEmxO94eRdrE8MYiv7+65QfRY1
xBGpsmL7oxn7HisHmEud00z2+9qKQXDwGUjc8d+shUOiZFVFbBXpAZc44n1QnjBZkuTJAgMBAAGj
ggHvMIIB6zAfBgNVHSMEGDAWgBSyuZt0D6CyfHxYJZeS90R9lgvXAzAdBgNVHQ4EFgQUyiy4ZXYI
a+H7JUFPsQ8lQMyrvz4wDAYDVR0TAQH/BAIwADCCAREGA1UdHwSCAQgwggEEMGSgYqBghl5odHRw
Oi8vZXN6aWduby50LXN5c3RlbXMubWFneWFydGVsZWtvbS5odS9kb3dubG9hZF9jcmw/aXNzdWVy
PU1hZ3lhciUyMFRlbGVrb20lMjBSb290Q0ElMjAyMDExMIGboIGYoIGVhoGSbGRhcDovL3RydXN0
Y2VudGVyLm1hZ3lhcnRlbGVrb20uaHU6Mzg5L2NuPU1hZ3lhciUyMFRlbGVrb20lMjBSb290Q0El
MjAyMDExLGM9SFU/Y2VydGlmaWNhdGVSZXZvY2F0aW9uTGlzdD9iYXNlP29iamVjdENsYXNzPWNl
cnRpZmljYXRpb25BdXRob3JpdHHkwFgYDVR0lAQH/BAwwCgYIKwYBBQUHAwgwDgYDVR0PAQH/BAQD
AgbAMB8GA1UdIAQYMBYwFAYSKwYBBAGBiysHAQIIAgEMAQICMD0GCCsGAQUFBwEBBDEwLzAtBggr
BgEFBQcwAYYhaHR0cDovL29jc3AubWFneWFydGVsZWtvbS5odS9vY3NwMA0GCSqGSIb3DQEBDQUA
A4IBAQBgbYJdDlE8fu4ASwUUtFrUvP7Iid6dPPiGk1+Je+4H+vmH7/SJN7iZauDi9tDTFpCMv+97
6lHWCITrAlQ473iQvx9fkZDzCBe1kjm7GPA4PwnE0PQ5I2UmbXHu/q6URuuYQq/9nVhDzMVR7RTh
bU+gLHsk3fpZIXMrpn3TlPhEB9Ujkxyr/aXH0xHFM3/J/OGzBT/z0x5JOK3NnrL/0sUL+oQNoZVH
mIdzICo5JKoOiTBAStbLAK1LD9FQUP4BYvdGDKi/dBvGJbo0QXarDkLnkw41/Ou11so18eekPslo
JWJdKEDTFacJ5TrQTqO0eR9vZ0uqGfz0UA6h7D7flTzQ
-----END CERTIFICATE-----
```

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

2.3.26.1. TSA2 2011

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name: *English:* TSA2 2011

Hungarian: TSA2 2011

Service digital identity: *Subject key identifier:*

CA 2C B8 65 76 08 6B E1 FB 25 41 4F B1 0F 25 40 CC AB BF 3E

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/supervisionceased

> *The validity of the supervision assessment has lapsed without the service identified in "Service digital identity" (see clause 5.5.3) being re-assessed. The service is currently not under supervision any more from the date of the current status as the service is understood to have ceased operations. "Supervision Ceased" status shall be used when a TSP directly ceases its related services under supervision; it shall not be used when supervision has been revoked.*

Status starting time: 2014-11-27T08:00:00.000Z   (27 Nov 2014 09:00:00 CET)

2.3.26.2. TSA2 2011

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name: *English:* TSA2 2011

Hungarian: TSA2 2011

Service digital identity: *Subject key identifier:*

CA 2C B8 65 76 08 6B E1 FB 25 41 4F B1 0F 25 40 CC AB BF 3E

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2012-01-18T09:47:54.000Z   (18 Jan 2012 10:47:54 CET)

2.3.27. TSA3 2011

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: TSA3 2011

Hungarian: TSA3 2011

Service digital identity: *Subject key identifier:*

67 A3 83 1B DD 6A BB 41 79 BC 1D DF 7D D7 EB 3E DE C6 08 28

Service digital identity: *Version:*

3

Serial number:

12 (decimal)

Signature algorithm:

SHA512withRSA (1.2.840.113549.1.1.13)

Subject:

CN=TSA3 2011,OU=nCipher DSE ESN:4AEC-B2A9-A382,OU=TTI,O=Magyar Telekom,L=Budapest,C=HU

Issuer:

CN=Magyar Telekom RootCA 2011,O=Magyar Telekom,C=HU

Subject key identifier:

67 A3 83 1B DD 6A BB 41 79 BC 1D DF 7D D7 EB 3E DE C6 08 28

Authority key identifier:

B2 B9 9B 74 0F A0 B2 7C 7C 58 25 97 92 F7 44 7D 96 0B D7 03

Valid from:

2012-01-18T09:50:09.000Z   (18 Jan 2012 10:50:09 CET)

Valid to:

2023-01-18T09:50:09.000Z   (18 Jan 2023 10:50:09 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

5A:93:4A:3F:F2:BE:96:19:05:60:58:7D:55:B9:B9:F2:D9:60:57:4A

SHA-256:

B8:53:F7:86:3A:89:3A:7D:CC:AF:CD:97:09:BB:1C:3A:69:0C:70:99:A7:2C:D8:2F:D4:F9:60:70:86:39:84:E1

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100D74F86529EFF7DE35F33C3903689E6549128AB166E5876A2D178A45846A5315163DD25D08B71
287DB4DEB29E5383C1532C90CE5C17E006D5B0A96D22E6091B1C86E2FE0AF38875504A622D077BC6A07A2A1B1C2540
BED52F6E0C3572B9C38A679EF4B0AA620CFD4FDF12E3318E979FA8BDA4EC00C2C386702CCC0ED862B7C92A0049C3B7
F6F8220FDB7241B939B2F22D02C83001B223475D63B8873515069B46670208635990F3E0CC50C669C2792DE9197F4E
8D30150906A5295E6F6C4CE3324D46F1CC7C9967D5C19D8195A805F36484726AEC930F48DFECF17B83F74A2D47E565
820DED51C3D2E9E87B838A0AC6B9A30AD093C2FAAAE7E4256DFF0B4DDA270203010001

Certificate policies:

1.3.6.1.4.1.17835.7.1.2.8.2.1.12.1.2.2

CRL distribution points:

http://eszigno.t-
systems.magyartelekom.hu/download_crl?issuer=Magyar%20Telekom%20RootC
A%202011

ldap://trustcenter.magyartelekom.hu:389/cn=Magyar%20Telekom%20RootCA%2
02011,c=HU?certificateRevocationList?base?objectClass=certificationAuthority

PEM format:

-----BEGIN CERTIFICATE-----
MIIFPDCCBCSgAwIBAgIBDDANBgkqhkiG9w0BAQ0FADBLMQswCQYDVQQGEwJIVTEXMBUGA1UECgwO
TWFneWFyIFRlbGVrb20xIzAhBgNVBAMMGk1hZ3lhciBUZWxla29tIFJvb3RDQSAyMDExMB4XDTEy
MDExODA5NTAwOVoXDTIzMDExODA5NTAwOVowgYQxCzAJBgNVBAYTAkhVMREwDwYDVQQHDAhCdWRh
cGVzdDEXMBUGA1UECgw0TWFneWFyIFRlbGVrb20xDDAKBgNVBAsMA1RUSTEnMCUGA1UECwwebkNp
cGhlciBEU0UgRVNO0jRBRUMtQjJBOS1BMzgyMRIwEAYDVQQDDAlUU0EzIDIwMTEwggEiMA0GCSqG
SIb3DQEBAQUAA4IBDwAwggEKAoIBAQDXT4ZSnv99418zw5A2ieZUkSirFm5YdqLReKRYRqUxUWPd
JdCLcSh9tN6ynlODwVMskM5cF+AG1bCpbSLmCRschuL+Cv0IdVBKYi0He8ageiobHCVAvtUvbgwl
crnDimee9LCqYgz9T98S4zGOl5+ovaTsAMLDhnAszA7YYrfJKgBJw7f2+CIP23JBuTmy8i0CyDAB
siNHXWO4hzUVBptGZwIIY1mQ8+DMUMZpwnkt6Rl/To0wFQkGpSleb2xM4zJNRvHMfJln1cGdgZWo
BfNkhHJq7JMPSN/s8XuD90otR+Vlgg3tUcPS6eh7g4oKxrmjCtCTwvqq5+Qlbf8LTdonAgMBAAGj
ggHvMIIB6zAfBgNVHSMEGDAWgBSyuZt0D6CyfHxYJZeS90R9lgvXAzAdBgNVHQ4EFgQUZ6ODG91q
u0F5vB3ffdfrPt7GCCgwDAYDVR0TAQH/BAIwADCCAREGA1UdHwSCAQgwggEEMGSgYqBghl5odHRw
Oi8vZXN6aWduby50LXN5c3RlbXMubWFneWFydGVsZWtvbS5odS9kb3dubG9hZF9jcmw/aXNzdWVy
PU1hZ3lhciUyMFRlbGVrb20lMjBSb290Q0ElMjAyMDExMIGboIGYoIGVhoGSbGRhcDovL3RydXN0
Y2VudGVyLm1hZ3lhcnRlbGVrb20uaHU6Mzg5L2NuPU1hZ3lhciUyMFRlbGVrb20lMjBSb290Q0El
MjAyMDExLGM9SFU/Y2VydGlmaWNhdGVSZXZvY2F0aW9uTGlzdD9iYXNlP29iamVjdENsYXNzPWNl
cnRpZmljYXRpb25BdXRob3JpdHkwHkwFgYDVR01AQH/BAwwCgYIKwYBBQUHAwgwDgYDVR0PAQH/BAQD
AgbAMB8GA1UdIAQYMBYwFAYSKwYBBAGBiysHAQIIAgEMAQICMD0GCCsGAQUFBwEBBDEwLzAtBggr
BgEFBQcwAYYhaHR0cDovL29jc3AubWFneWFydGVsZWtvbS5odS9sd29v3NwM40GCSqGSIb3DQEBDQUA
A4IBAQCBkS65MOvaFDkawWP6ShmkvM/ZdLBELYwCvbP/xAXaOG9/uai6nos//dVdsBeruxHnVnp4
4tSAB+NrDjWTiXclrd4UmOCmbAIrHzNgB37mjmPjr+KbILwNO5XrdUxsqunGgd6XsdZnNxSbnZhq
+MNYwc9u/6GslIJPMowfL8AOzqrAgGb0Fs8ElQ40CqTqryqaYp2gIWvr/Gc9Uftl1eJNjy62L52Y
ZrrWRp3hTkiF/4zePkop4xIUzcPDDl31yHUabUbdC01RDeYbPhrbjM41mzZ0EKFzuEqHPVsWz70T
SPWjVPgJAL/FWQ8SxPGsuAyDmWigQKeheclNAXIxmzxq
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

2.3.27.1. TSA3 2011

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name:

English: TSA3 2011

Hungarian: TSA3 2011

Service digital identity: *Subject key identifier:*

67 A3 83 1B DD 6A BB 41 79 BC 1D DF 7D D7 EB 3E DE C6 08 28

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2012-01-18T09:50:09.000Z   (18 Jan 2012 10:50:09 CET)

2.3.28. TSA1 2014

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name:

English: TSA1 2014

Hungarian: TSA1 2014

Service digital identity:

Subject key identifier:

0E 2D 38 E7 8E 49 2D 65 40 99 C5 4C 50 94 6A 94 92 FB AB AC

Service digital identity:

Version:

3

Serial number:

19 (decimal)

Signature algorithm:

SHA512withRSA (1.2.840.113549.1.1.13)

Subject:

CN=TSA1 2014,OU=Thales TSS ESN:9D56-3B90-7DFB,OU=TTI,O=Magyar Telekom,L=Budapest,C=HU

Issuer:

CN=Magyar Telekom RootCA 2011,O=Magyar Telekom,C=HU

Subject key identifier:

0E 2D 38 E7 8E 49 2D 65 40 99 C5 4C 50 94 6A 94 92 FB AB AC

Authority key identifier:

B2 B9 9B 74 0F A0 B2 7C 7C 58 25 97 92 F7 44 7D 96 0B D7 03

Valid from:

2014-11-27T08:42:28.000Z   (27 Nov 2014 09:42:28 CET)

Valid to:

2025-11-27T08:42:28.000Z   (27 Nov 2025 09:42:28 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

DC:4F:FD:5F:A1:75:CF:17:62:E9:3E:62:A5:08:6C:A0:4F:46:FA:8F

SHA-256:

B4:0D:9E:B5:DC:5D:1D:DE:39:01:BB:94:0A:A4:D1:B9:C0:F2:1B:78:6A:1C:01:B6:CA:A7:A6:49:7E:8D:84:87

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100B0208B2428F55F11264079FEAD65F8DD46F3F1BFD08F1F79BB42F5A60CC945A88A3ADA627666
44CFCBEED97D7E7099798BC72FC8D73D7627DC5AA9C777E4E3F455411D7445DE591F7358CB93986D6CB79F8C1D45A3
E45C5197B956FB409CEEECD9504CBA9D7581834371A311CC5B35BA7EC24E8F365FEC12A7AC2C96FDDBD196574ED12E
163CD60594D872432143B38909AA933BFF3918AAEBEE8F945740466DA9BC62FF01768DF4BC13DAE3883A6A4D7AB576
5004B37AADA7347B0704BD288EAB67A023E545AB7307B04B44B51942D35064A47DCB420E230D23AD7FD5D2FEFC2E67
534AD2DC6324868499BA3B8F2AD428D4748624A2A4A01339CA405FA9C0ED0203010001

Certificate policies:

1.3.6.1.4.1.17835.7.1.2.8.2.1.12.1.2.2

CRL distribution points:

http://eszigno.t-
systems.magyartelekom.hu/download_crl?issuer=Magyar%20Telekom%20RootC
A%202011

ldap://trustcenter.magyartelekom.hu:389/cn=Magyar%20Telekom%20RootCA%2
02011,c=HU?certificateRevocationList?base?objectClass=certificationAuthority

PEM format:

-----BEGIN CERTIFICATE-----
MIIFOzCCBCOgAwIBAgIBEzANBgkqhkiG9w0BAQ0FADBLMQswCQYDVQQGEwJIVTEXMBUGA1UECgwO
TWFneWFyIFRlbGVrb20xIzAhBgNVBAMMGklhZ3lhciBUZWxla29tIFJvb3RDQSAyMDExMB4XDTE0
MTEyNzA4NDIy0FoXDTI1MTEyNzA4NDIy0FowgYMxCzAJBgNVBAYTAkhVMREwDwYDVQQHDAhCdWRh
cGVzdDEXMBUGA1UECgw0TWFneWFyIFRlbGVrb20xDDAKBgNVBAsMA1RUSTEmMCQGA1UECwwdVGhh
bGVzIFRTUyBFU0460UQ1Ni0zQjkwLTdERkIxEjAQBgNVBAMMCVRTQTEgMjAxNDCCASIwDQYJKoZI
hvcNAQEBBQADggEPADCCAQoCggEBALAgiyQo9V8RJkB5/q1l+N1G8/G/0I8febtC9aYMyUWoijra
YnZmRM/L7tl9fnCZeYvHL8jXPXYn3Fqpx3fk4/RVQR10Rd5ZH3NYy5OYbWy3n4wdRaPkXFGXuVb7
QJzu7NlQTLqddYGDQ3GjEcxbNbp+wk6PNl/sEqesLJb929GWV07RLhY81gWU2HJDIU0ziQmqkzv/
ORiq6+6PlFdARm2pvGL/AXaN9LwT2uOIOmpNerV2UASzeq2nNHsHBL0ojqtnoCPlRatzB7BLRLUZ
QtNQZKR9y0IOIw0jrX/V0v78LmdTStLcYySGhJm6048q1CjUdIYkoqSgEznKQF+pw00CAwEAAaOC
Ae8wggHrMB8GA1UdIwQYMBaAFLK5m3QPoLJ8fFgll5L3RH2WC9cDMB0GA1UdDgQWBBQOLTjnjkkt
ZUCZxUxQlGqUkvurrDAMBgNVHRMBAf8EAjAAMIIBEQYDVR0fBIIBCDCCAQQwZKBioGCGXmh0dHA6
Ly9lc3ppZ25vLnQtc3lzdGVtcy5tYWd5YXJ0ZWxla29tLmh1L2Rvd25sb2FkX2NybD9pc3N1ZXI9
TWFneWFyJTIwVGVsZWtvbSUyMFJvb3RDQSUyMDIwMTEwgZuggZiggZWGgZJsZGFw0i8vdHJ1c3Rj
ZW50ZXIubWFneWFydGVsZWtvbS5odToz0DkvY249TWFneWFyJTIwVGVsZWtvbSUyMFJvb3RDQSUy
MDIwMTEsYz1IVT9jZXJ0aWZpY2F0ZVJldm9jYXRpb25MaXN0P2Jhc2U/b2JqZWN0Q2xhc3M9Y2Vy
dGlmaWNhdGlvbkF1dGhvcml0eTAWBgNVHSUBAf8EDDAKBggrBgEFBQcDCDAOBgNVHQ8BAf8EBAMC
BsAwHwYDVR0gBBgwFjAUBhIrBgEEAYGLKwcBAggCAQwBAgIwPQYIKwYBBQUHAQEEMTAvMC0GCCsG
AQUFBzABhiFodHRwOi8vb2NzcC5tYWd5YXJ0ZWxla29tLmh1L29jc3AwDQYJKoZIhvcNAQENBQAD
ggEBAF3JlheV+BD0R8tDTmnMrp3DujPB+3Uvp/haeO2xnTFnwQX2iclVXwS4XoznKm6tlnDU24Jh
iQ0DGVW1RJW22G4hcMDyqF40HmeuFsuXVyjx1o6MLkAFEyJQVjmrqPrWHfaKOkeufVqMie4EzNcq
dBlOHG5et6zi9W+QODdjqixCdJcWJHUM/w0Qj+5JQmuMKpmx8i6IgI6eCEbyYKBiXDTZ0n/gAl55
TeYemMDQjOpbAohlJ5C8D6dLxhFvKI/KlMhzGosM0hX1MXasq9tuRoi0jWhFuwPpA365E+AhmFIm
YO+4DQqwDMvES4zztq8dRKuYL3/g3UZx1/Pk2H7o6Pw=
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

2.3.28.1. TSA1 2014

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: TSA1 2014

Hungarian: TSA1 2014

Service digital identity: *Subject key identifier:*

0E 2D 38 E7 8E 49 2D 65 40 99 C5 4C 50 94 6A 94 92 FB AB AC

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2014-11-27T08:42:28.000Z (27 Nov 2014 09:42:28 CET)

2.3.29. TSA2 2014

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name:

English: TSA2 2014

Hungarian: TSA2 2014

Service digital identity:

Subject key identifier:

FF 35 A7 76 82 B5 A7 A0 54 8A 63 D0 81 97 E6 E6 B1 C9 FD 70

Service digital identity:

Version:

3

Serial number:

20 (decimal)

Signature algorithm:

SHA512withRSA (1.2.840.113549.1.1.13)

Subject:

CN=TSA2 2014,OU=Thales TSS ESN:1515-109B-C044,OU=TTI,O=Magyar Telekom,L=Budapest,C=HU

Issuer:

CN=Magyar Telekom RootCA 2011,O=Magyar Telekom,C=HU

Subject key identifier:

FF 35 A7 76 82 B5 A7 A0 54 8A 63 D0 81 97 E6 E6 B1 C9 FD 70

Authority key identifier:

B2 B9 9B 74 0F A0 B2 7C 7C 58 25 97 92 F7 44 7D 96 0B D7 03

Valid from:

2014-11-27T08:46:05.000Z   (27 Nov 2014 09:46:05 CET)

Valid to:

2025-11-27T08:46:05.000Z   (27 Nov 2025 09:46:05 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

9E:C5:8A:23:F8:AB:74:00:95:9A:5A:51:9D:CD:E9:F2:80:C4:DE:E3

SHA-256:

27:5F:F3:94:06:12:38:85:67:4A:30:FD:9A:9D:8D:45:19:5D:03:37:1A:A6:6D:AE:D0:66:24:A8:CA:59:FC:60

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100090D66FE8EC5B936B03424E57E478400E41E1D9E88E1B71B74EDD81BA7F5DBC5EDE77BFFBD381
ED4D87CFDB124338D6F2CEF05958A091483A19417449E1167905D9850054F89886193F2C3206B32BA873B5731CF350
CEC0DD413C108318A9D0FCF812E7D9389BC6B118A232824AA09B351D3B79752A5B43328EB6A17145D4074E0E4E9005
E520EC9435079160E5679B2002B1202BED4C2AEF9BD5EEA160709AC90CC82E094E4553F9230EDC9CC27539BEAA26C0
9E9DAD9BF818859E46848C7AEACD0A31780B8FA09084735FF64A873D6474FCD14915A4FD85B942F92EBF91F45215A2
8D6637641C8D874BD33E2C82E66BF3C6DAF0B7ECA4A413F8D01B63D84D9F0203010001

Certificate policies:

1.3.6.1.4.1.17835.7.1.2.8.2.1.12.1.2.2

CRL distribution points:

http://eszigno.t-
systems.magyartelekom.hu/download_crl?issuer=Magyar%20Telekom%20RootC
A%202011

ldap://trustcenter.magyartelekom.hu:389/cn=Magyar%20Telekom%20RootCA%2
02011,c=HU?certificateRevocationList?base?objectClass=certificationAuthority

PEM format:

-----BEGIN CERTIFICATE-----
MIIFOzCCBCOgAwIBAgIBFDANBgkqhkiG9w0BAQ0FADBLMQswCQYDVQQGEwJIVTEXMBUGA1UECgwO
TWFneWFyIFRlbGVrb20xIzAhBgNVBAMMGklhZ3lhciBUZWxla29tIFJvb3RDQSAyMDExMB4XDTE0
MTEyNzA4NDYwNVoXDTI1MTEyNzA4NDYwNVowgYMxCzAJBgNVBAYTAkhVMREwDwYDVQQHDAhCdWRh
cGVzdDEXMBUGA1UECgw0TWFneWFyIFRlbGVrb20xDDAKBgNVBAsMA1RUSTEmMCQGA1UECwwdVGhh
bGVzIFRTUyBFU046MTUxNS0xMDlCLUMwNDQxEjAQBgNVBAMMCVRTQTIgMjAxNDCCASIwDQYJKoZI
hvcNAQEBBQADggEPADCCAQoCggEBAJDWb+jsW5NrA0JOV+R4QA5B4dnojhtxt07dgbp/Xbxe3ne/
+90B7U2Hz9sSQzjW8s7wWVigkUg6GUFO5eEWeQXZhQBU+JiGGT8sMgazK6hztXMc81DOwN1BPBCD
GKnQ/PgS59k4m8axGKIygkqgmzUdO3l1KltDMo62oXFF1AdODk6QBeUg7JQ1B5Fg5WebIAKxICvt
TCrvm9XuoWBwmskMyC4JTkVT+SMO3JzCdTm+qibAnp2tm/gYhZ5GhIx66s0KMXgLj6CQhHNf9kqH
PWR0/NFJFaT9hblC+S6/kfRSFaKNZjdkHI2HS9M+LILma/PG2vC37KSkE/jQG2PYTZ8CAwEAAaOC
Ae8wggHrMB8GA1UdIwQYMBaAFLK5m3QPoLJ8fFgll5L3RH2WC9cDMB0GA1UdDgQWBBT/Nad2grWn
oFSKY9CBl+bmscn9cDAMBgNVHRMBAf8EAjAAMIIBEQYDVR0fBIIBCDCCAQQwZKBioGCGXmh0dHA6
Ly9lc3ppZ25vLnQtc3lzdGVtcy5tYWd5YXJ0ZWxla29tLmh1L2Rvd25sb2FkX2NybD9pc3N1ZXI9
TWFneWFyJTIwVGVsZWtvbSUyMFJvb3RDQSUyMDIwMTEwgZuggZiggZWGgZJsZGFwOi8vdHJ1c3Rj
ZW50ZXIubWFneWFydGVsZWtvbS5odTozODkvY249TWFneWFyJTIwVGVsZWtvbSUyMFJvb3RDQSUy
MDIwMTEsYz1IVT9jZXJ0aWZpY2F0ZVJldm9jYXRpb25MaXN0P2Jhc2U/b2JqZWN0Q2xhc3M9Y2Vy
dGlmaWNhdGlvbkF1dGhvcml0eTAWBgNVHSUBAf8EDDAKBggrBgEFBQcDCDA0BgNVHQ8BAf8EBAMC
BsAwHwYDVR0gBBgwFjAUBhIrBgEEAYGLKwcBAggCAQwBAgIwPQYIKwYBBQUHAQEEMTAvMC0GCCsG
AQUFBzABhiFodHRwOi8vb2NzcC5tYWd5YXJ0ZWxla29tLmh29jc3AwDQYJKoZIhvcNAQENBQAD
ggEBACtwCTQ1WztVMgR2ZT4SPHjI4WAdaBCHuz0KXLhuN3sRtYcoxkos1nmR6SpR76nQfzjg53ll
sjVK8ov2K+VQ30rYX3bO26XuXF8qNRPeGmqkNXvjeYSG2Ls5ITuPeRpwFKoxA94vFS1dH1k6xrml
bxG9nxRjYCBCfp8aKxqmjAoMAuSyJD9Ko6KXqA9Mzs/X6uPiPkMOQhaO+gkxH46WKbmJplefnm/5
O9DJBhLPsRizF5yjVIrvQCLo0LYsIDntHL9KoAp7En0Z/fx0fHRA+X0Q8owYKI/eMcu51/DHGlj1
iBa1NQFJ2UfXNwjWNPDwng4p6nIKvufVjSMYTgggGkM=
-----END CERTIFICATE-----

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z (01 Jul 2016 00:00:00 CEST)

2.3.29.1. TSA2 2014

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name: *English:* TSA2 2014

Hungarian: TSA2 2014

Service digital identity: *Subject key identifier:*

FF 35 A7 76 82 B5 A7 A0 54 8A 63 D0 81 97 E6 E6 B1 C9 FD 70

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2014-11-27T08:46:05.000Z   (27 Nov 2014 09:46:05 CET)

2.3.30. TSA3 2011

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/TSS-AdESQCandQES

> *A time-stamping service, not qualified, as part of a service from a trust service provider that issues time-stamp tokens (TST) that can be used in the validation process of qualified signatures/seals or advanced signatures/seals supported by qualified certificates to ascertain and extend the signature/seal validity when the qualified certificate is (will be) revoked or expired (will expire).*

Service name:

English: TSA3 2011

Hungarian: TSA3 2011

Service digital identity: *Subject key identifier:*

67 A3 83 1B DD 6A BB 41 79 BC 1D DF 7D D7 EB 3E DE C6 08 28

Service digital identity: *Version:*

3

Serial number:

12 (decimal)

Signature algorithm:

SHA512withRSA (1.2.840.113549.1.1.13)

Subject:

CN=TSA3 2011,OU=nCipher DSE ESN:4AEC-B2A9-A382,OU=TTI,O=Magyar Telekom,L=Budapest,C=HU

Issuer:

CN=Magyar Telekom RootCA 2011,O=Magyar Telekom,C=HU

Subject key identifier:

67 A3 83 1B DD 6A BB 41 79 BC 1D DF 7D D7 EB 3E DE C6 08 28

Authority key identifier:

B2 B9 9B 74 0F A0 B2 7C 7C 58 25 97 92 F7 44 7D 96 0B D7 03

Valid from:

2012-01-18T09:50:09.000Z   (18 Jan 2012 10:50:09 CET)

Valid to:

2023-01-18T09:50:09.000Z   (18 Jan 2023 10:50:09 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

5A:93:4A:3F:F2:BE:96:19:05:60:58:7D:55:B9:B9:F2:D9:60:57:4A

SHA-256:

B8:53:F7:86:3A:89:3A:7D:CC:AF:CD:97:09:BB:1C:3A:69:0C:70:99:A7:2C:D8:2F:D4:F9:60:70:86:39:84:E1

Public key:

<u>*Algorithm, key length:*</u>

RSA, 2048

<u>*Key value:*</u>

3082010A0282010100D74F86529EFF7DE35F33C3903689E6549128AB166E5876A2D178A45846A5315163DD25D08B71
287DB4DEB29E5383C1532C90CE5C17E006D5B0A96D22E6091B1C86E2FE0AF38875504A622D077BC6A07A2A1B1C2540
BED52F6E0C3572B9C38A679EF4B0AA620CFD4FDF12E3318E979FA8BDA4EC00C2C386702CCC0ED862B7C92A0049C3B7
F6F8220FDB7241B939B2F22D02C83001B223475D63B8873515069B46670208635990F3E0CC50C669C2792DE9197F4E
8D30150906A5295E6F6C4CE3324D46F1CC7C9967D5C19D8195A805F36484726AEC930F48DFECF17B83F74A2D47E565
820DED51C3D2E9E87B838A0AC6B9A30AD093C2FAAAE7E4256DFF0B4DDA270203010001

Certificate policies:

1.3.6.1.4.1.17835.7.1.2.8.2.1.12.1.2.2

CRL distribution points:

http://eszigno.t-systems.magyartelekom.hu/download_crl?issuer=Magyar%20Telekom%20RootCA%202011

ldap://trustcenter.magyartelekom.hu:389/cn=Magyar%20Telekom%20RootCA%202011,c=HU?certificateRevocationList?base?objectClass=certificationAuthority

PEM format:

```
-----BEGIN CERTIFICATE-----
MIIFPDCCBCSgAwIBAgIBDDANBgkqhkiG9w0BAQ0FADBLMQswCQYDVQQGEwJIVTEXMBUGA1UECgwO
TWFneWFyIFRlbGVrb20xIzAhBgNVBAMMGklhZ3lhciBUZWxla29tIFJvb3RDQSAyMDExMB4XDTEy
MDExODA5NTAwOVoXDTIzMDExODA5NTAwOVowgYQxCzAJBgNVBAYTAkhVMREwDwYDVQQHDAhCdWRh
cGVzdDEXMBUGA1UECgw0TWFneWFyIFRlbGVrb20xDDAKBgNVBAsMA1RUSTEnMCUGA1UECwwebkNp
cGhlciciBEU0UgRVNO0jRBRUMtQjJBOS1BMzgyMRIwEAYDVQQDDAlUU0EzIDIwMTEwggEiMA0GCSqG
SIb3DQEBAQUAA4IBDwAwggEKAoIBAQDXT4ZSnv99418zw5A2ieZUkSirFm5YdqLReKRYRqUxUWPd
JdCLcSh9tN6ynlODwVMskM5cF+AG1bCpbSLmCRschuL+Cv0IdVBKYi0He8ageiobHCVAvtUvbgw1
crnDimee9LCqYgz9T98S4zGOl5+ovaTsAMLDhnAszA7YYrfJKgBJw7f2+CIP23JBuTmy8i0CyDAB
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u0F5vB3ffdfrPt7GCCgwDAYDVR0TAQH/BAIwADCCAREGA1UdHwSCAQgwggEEMGSgYqBghl5odHRw
0i8vZXN6aWduby50LXN5c3RlbXMubWFneWFydGVsZWtvbS5odS9kb3dubG9hZF9jcmw/aXNzdWVy
PU1hZ3lhciUyMFRlbGVrb20lMjBSb290Q0ElMjAyMDExMIGboIGYoIGVhoGSbGRhcDovL3RydXN0
Y2VudGVyLm1hZ3lhcnRlbGVrb20uaHU6Mzg5L2NuPU1hZ3lhciUyMFRlbGVrb20lMjBSb290Q0El
MjAyMDExLGM9SFU/Y2VydGlmaWNhdGVSZXZvY2F0aW9uTGlzdD9iYXNlP29iamVjdENsYXNzPWNl
cnRpZmljYXRpb25BdXRob3JpdHkwFgYDVR0lAQH/BAwwCgYIKwYBBQUHAwgwDgYDVR0PAQH/BAQD
AgbAMB8GA1UdIAQYMBYwFAYSKwYBBAGBiysHAQIIAgEMAQICMD0GCCsGAQUFBwEBBDEwLzAtBggr
BgEFBQcwAYYhaHR0cDovL29jc3AubWFneWFydGVsZWtvbS5odS9vY3NwMA0GCSqGSIb3DQEBDQUA
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ZrrWRp3hTkiF/4zePkop4xIUzcPDDl31yHUabUbdC01RDeYbPhrbjM41mzZ0EKFzuEqHPVsWz70T
SPWjVPgJAL/FWQ8SxPGsuAyDmWigOKeheclNAXIxmzxq
-----END CERTIFICATE-----
```

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/recognisedatnationallevel

For trust services listed under a service type specified in clause 5.5.1.2: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved" status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in Regulation (EU) No 910/2014 and the applicable national legislation.

For NationalRootCA-QC type: The service is set by national law in accordance with the applicable European legislation and operated by the responsible national body issuing root-signing or qualified certificates to accredited trust service providers.

For other trust services listed under a service type specified in clause 5.5.1.3: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved"status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in the applicable national legislation.

Status starting time:	2016-06-30T22:00:00.000Z (01 Jul 2016 00:00:00 CEST)
Service information extensions:	*Extension 1/1, non-critical:*

<tsl:AdditionalServiceInformation xmlns:tsl="http://uri.etsi.org/02231/v2#">
<tsl:URI
xml:lang="en">http://www.nmhh.hu/tl/ServiceStatus/QualifiedatNationalLevel</tsl:URI>
</tsl:AdditionalServiceInformation>

2.3.31. TSA1 2014

Provider: 3
Service: 31

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/TSS-AdESQCandQES

> *A time-stamping service, not qualified, as part of a service from a trust service provider that issues time-stamp tokens (TST) that can be used in the validation process of qualified signatures/seals or advanced signatures/seals supported by qualified certificates to ascertain and extend the signature/seal validity when the qualified certificate is (will be) revoked or expired (will expire).*

Service name:

English: TSA1 2014

Hungarian: TSA1 2014

Service digital identity: *Subject key identifier:*

0E 2D 38 E7 8E 49 2D 65 40 99 C5 4C 50 94 6A 94 92 FB AB AC

Service digital identity: *Version:*

3

Serial number:

19 (decimal)

Signature algorithm:

SHA512withRSA (1.2.840.113549.1.1.13)

Subject:

CN=TSA1 2014,OU=Thales TSS ESN:9D56-3B90-7DFB,OU=TTI,O=Magyar Telekom,L=Budapest,C=HU

Issuer:

CN=Magyar Telekom RootCA 2011,O=Magyar Telekom,C=HU

Subject key identifier:

0E 2D 38 E7 8E 49 2D 65 40 99 C5 4C 50 94 6A 94 92 FB AB AC

Authority key identifier:

B2 B9 9B 74 0F A0 B2 7C 7C 58 25 97 92 F7 44 7D 96 0B D7 03

Valid from:

2014-11-27T08:42:28.000Z   (27 Nov 2014 09:42:28 CET)

Valid to:

2025-11-27T08:42:28.000Z   (27 Nov 2025 09:42:28 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

DC:4F:FD:5F:A1:75:CF:17:62:E9:3E:62:A5:08:6C:A0:4F:46:FA:8F

SHA-256:

B4:0D:9E:B5:DC:5D:1D:DE:39:01:BB:94:0A:A4:D1:B9:C0:F2:1B:78:6A:1C:01:B6:CA:A7:A6:49:7E:8D:84:87

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100B0208B2428F55F11264079FEAD65F8DD46F3F1BFD08F1F79BB42F5A60CC945A88A3ADA627666
44CFCBEED97D7E7099798BC72FC8D73D7627DC5AA9C777E4E3F455411D7445DE591F7358CB93986D6CB79F8C1D45A3
E45C5197B956FB409CEEECD9504CBA9D7581834371A311CC5B35BA7EC24E8F365FEC12A7AC2C96FDDBD196574ED12E
163CD60594D872432143B38909AA933BFF3918AAEBEE8F945740466DA9BC62FF01768DF4BC13DAE3883A6A4D7AB576
5004B37AADA7347B0704BD288EAB67A023E545AB7307B04B44B51942D35064A47DCB420E230D23AD7FD5D2FEFC2E67
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Certificate policies:

1.3.6.1.4.1.17835.7.1.2.8.2.1.12.1.2.2

CRL distribution points:

http://eszigno.t-
systems.magyartelekom.hu/download_crl?issuer=Magyar%20Telekom%20RootC
A%202011

ldap://trustcenter.magyartelekom.hu:389/cn=Magyar%20Telekom%20RootCA%2
02011,c=HU?certificateRevocationList?base?objectClass=certificationAuthority

PEM format:

-----BEGIN CERTIFICATE-----
MIIFOzCCBCOgAwIBAgIBEzANBgkqhkiG9w0BAQ0FADBLMQswCQYDVQQGEwJIVTEXMBUGA1UECgwO
TWFneWFyIFRlbGVrb20xIzAhBgNVBAMMGklhZ3lhciBUZWxla29tIFJvb3RDQSAyMDExMB4XDTE0
MTEyNzA4NDIyOFoXDTI1MTEyNzA4NDIyOFowgYMxCzAJBgNVBAYTAkhVMREwDwYDVQQHDAhCdWRh
cGVzdDEXMBUGA1UECgwOTWFneWFyIFRlbGVrb20xDDAKBgNVBAsMA1RUSTEmMCQGA1UECwwdVGhh
bGVzIFRTUyBFU0460UQ1Ni0zQjkwLTdERkIxEjAQBgNVBAMMCVRTQTEgMjAxNDCCASIwDQYJKoZI
hvcNAQEBBQADggEPADCCAQoCggEBALAgiyQo9V8RJkB5/qll+NlG8/G/0I8febtC9aYMyUWoijra
YnZmRM/L7tl9fnCZeYvHL8jXPXYn3Fqpx3fk4/RVQR10Rd5ZH3NYy5OYbWy3n4wdRaPkXFGXuVb7
QJzu7NlQTLqddYGDQ3GjEcxbNbp+wk6PNl/sEqesLJb929GWV07RLhY81gWU2HJDIU0ziQmqkzv/
ORiq6+6PlFdARm2pvGL/AXaN9LwT2uOIOmpNerV2UASzeq2nNHsHBL0ojqtnoCPlRatzB7BLRLUZ
QtNQZKR9y0IOIw0jrX/V0v78LmdTStLcYySGhJm6O48qlCjUdIYkoqSgEznKQF+pwO0CAwEAAaOC
Ae8wggHrMB8GA1UdIwQYMBaAFLK5m3QPoLJ8fFgll5L3RH2WC9cDMB0GA1UdDgQWBBQOLTjnjkkt
ZUCZxUxQlGqUkvurrDAMBgNVHRMBAf8EAjAAMIIBEQYDVR0fBIIBCDCCAQQwZKBioGCGXmh0dHA6
Ly9lc3ppZ25vLnQtc3lzdGVtcy5tYWd5YXJ0ZWxla29tLmh1L2Rvd25sb2FkX2NybD9pc3N1ZXI9
TWFneWFyJTIwVGVsZWtvbSUyMFJvb3RDQSUyMDIwMTEwgZuggZuggZWGgZJsZGFwOi8vdHJlc3Rj
ZW50ZXIubWFneWFydGVsZWtvbS5odTozODkvY249TWFneWFyJTIwVGVsZWtvbSUyMFJvb3RDQSUy
MDIwMTEsYz1IVT9jZXJ0aWZpY2F0ZVJldm9jYXRpb25MaXN0P2Jhc2U/b2JqZWN0Q2xhc3M9Y2Vy
dGlmaWNhdGlvbkF1dGhvcml0eTAWBgNVHSUBAf8EDDAKBggrBgEFBQcDCDAOBgNVHQ8BAf8EBAMC
BsAwHwYDVR0gBBgwFjAUBhIrBgEEAYGLKwcBAggCAQwBAgIwPQYIKwYBBQUHAQEEMTAvMC0GCCsG
AQUFBzABhiFodHRwOi8vb2NzcC5tYWd5YXJ0ZWxla29tLmh1L29jc3AwDQYJKoZIhvcNAQENBQAD
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iQ0DGVW1RJW22G4hcMDyqF40HmeuFsuXVyjx1o6MLkAFEyJQVjmrqPrWHfaKOkeufVqMie4EzNcq
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-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/recognisedatnationallevel

For trust services listed under a service type specified in clause 5.5.1.2: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved" status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in Regulation (EU) No 910/2014 and the applicable national legislation.

For NationalRootCA-QC type: The service is set by national law in accordance with the applicable European legislation and operated by the responsible national body issuing root-signing or qualified certificates to accredited trust service providers.

For other trust services listed under a service type specified in clause 5.5.1.3: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved"status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in the applicable national legislation.

Status starting time:	2016-06-30T22:00:00.000Z (01 Jul 2016 00:00:00 CEST)
Service information extensions:	*Extension 1/1, non-critical:*

<tsl:AdditionalServiceInformation xmlns:tsl="http://uri.etsi.org/02231/v2#">
<tsl:URI
xml:lang="en">http://www.nmhh.hu/tl/ServiceStatus/QualifiedatNationalLevel</tsl:URI>
</tsl:AdditionalServiceInformation>

2.3.32. TSA2 2014

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/TSS-AdESQCandQES

> *A time-stamping service, not qualified, as part of a service from a trust service provider that issues time-stamp tokens (TST) that can be used in the validation process of qualified signatures/seals or advanced signatures/seals supported by qualified certificates to ascertain and extend the signature/seal validity when the qualified certificate is (will be) revoked or expired (will expire).*

Service name:

English: TSA2 2014

Hungarian: TSA2 2014

Service digital identity: *Subject key identifier:*

FF 35 A7 76 82 B5 A7 A0 54 8A 63 D0 81 97 E6 E6 B1 C9 FD 70

Service digital identity: *Version:*

3

Serial number:

20 (decimal)

Signature algorithm:

SHA512withRSA (1.2.840.113549.1.1.13)

Subject:

CN=TSA2 2014,OU=Thales TSS ESN:1515-109B-C044,OU=TTI,O=Magyar Telekom,L=Budapest,C=HU

Issuer:

CN=Magyar Telekom RootCA 2011,O=Magyar Telekom,C=HU

Subject key identifier:

FF 35 A7 76 82 B5 A7 A0 54 8A 63 D0 81 97 E6 E6 B1 C9 FD 70

Authority key identifier:

B2 B9 9B 74 0F A0 B2 7C 7C 58 25 97 92 F7 44 7D 96 0B D7 03

Valid from:

2014-11-27T08:46:05.000Z   (27 Nov 2014 09:46:05 CET)

Valid to:

2025-11-27T08:46:05.000Z   (27 Nov 2025 09:46:05 CET)

Key usage:

digitalSignature, nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

9E:C5:8A:23:F8:AB:74:00:95:9A:5A:51:9D:CD:E9:F2:80:C4:DE:E3

SHA-256:

27:5F:F3:94:06:12:38:85:67:4A:30:FD:9A:9D:8D:45:19:5D:03:37:1A:A6:6D:AE:D0:66:24:A8:CA:59:FC:60

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100090D66FE8EC5B936B03424E57E478400E41E1D9E88E1B71B74EDD81BA7F5DBC5EDE77BFFBD381
ED4D87CFDB124338D6F2CEF05958A091483A19417449E1167905D9850054F89886193F2C3206B32BA873B5731CF350
CEC0DD413C108318A9D0FCF812E7D9389BC6B118A232824AA09B351D3B79752A5B43328EB6A17145D4074E0E4E9005
E520EC9435079160E5679B2002B1202BED4C2AEF9BD5EEA160709AC90CC82E094E4553F9230EDC9CC27539BEAA26C0
9E9DAD9BF818859E46848C7AEACD0A31780B8FA09084735FF64A873D6474FCD14915A4FD85B942F92EBF91F45215A2
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Certificate policies:

1.3.6.1.4.1.17835.7.1.2.8.2.1.12.1.2.2

CRL distribution points:

http://eszigno.t-
systems.magyartelekom.hu/download_crl?issuer=Magyar%20Telekom%20RootC
A%202011

ldap://trustcenter.magyartelekom.hu:389/cn=Magyar%20Telekom%20RootCA%2
02011,c=HU?certificateRevocationList?base?objectClass=certificationAuthority

PEM format:

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-----BEGIN CERTIFICATE-----
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+9OB7U2Hz9sSQzjW8s7wWVigkUg6GUFO5eEWeQXZhQBU+JiGGT8sMgazK6hztXMc81DOwN1BPBCD
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TCrvm9XuoWBwmskMyC4JTkvT+SMO3JzCdTm+qibAnp2tm/gYhZ5GhIx66s0KMXgLj6CQhHNf9kqH
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TWFneWFyJTIwVGVsZWtvbSUyMFJvb3RDQSUyMDIwMTEwgZuggZiggZWGgZJsZGFwOi8vdHJ1c3Rj
ZW50ZXIubWFneWFydGVsZWtvbS5odToz0DkvY249TWFneWFyJTIwVGVsZWtvbSUyMFJvb3RDQSUy
MDIwMTEsYz1IVT9jZXJ0aWZpY2F0ZVJldm9jYXRpb25MaXN0P2Jhc2U/b2JqZWN0Q2xhc3M9Y2Vy
dGlmaWNhdGlvbkF1dGhvcml0eTAWBgNVHSUBAf8EDDAKBggrBgEFBQcDCDA0BgNVHQ8BAf8EBAMC
BsAwHwYDVR0gBBgwFjAUBhIrBgEEAYGLKwcBAggCAQwBAgIwPQYIKwYBBQUHAQEEMTAvMC0GCCsG
AQUFBzABhiFodHRwOi8vb2NzcC5tYWd5YXJ0ZWxla29tLmh1L29jc3AwDQYJKoZIhvcNAQENBQAD
ggEBACtwCTQlWztVMgR2ZT4SPHjI4WAdaBCHuz0KXLhuN3sRtYcoxkos1nmR6SpR76nQfzjg531l
sjVK8ov2K+VQ30rYX3bO26XuXF8qNRPeGmqkNXvjeYSG2Ls5ITuPeRpwFKoxA94vFS1dH1k6xrm1
bxG9nxRjYCBCfp8aKxqmjAoMAuSyJD9Ko6KXqA9Mzs/X6uPiPkMOQhaO+gkxH46WKbmJplefnm/5
O9DJBhLPsRizF5yjVIrvQCLo0LYsIDntHL9KoAp7En0Z/fx0fHRA+X0Q8owYKI/eMcu51/DHGlj1
iBa1NQFJ2UfXNwjWNPDwng4p6nIKvufVjSMYTgggGkM=
-----END CERTIFICATE-----
```

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/recognisedatnationallevel

For trust services listed under a service type specified in clause 5.5.1.2: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved" status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in Regulation (EU) No 910/2014 and the applicable national legislation.

For NationalRootCA-QC type: The service is set by national law in accordance with the applicable European legislation and operated by the responsible national body issuing root-signing or qualified certificates to accredited trust service providers.

For other trust services listed under a service type specified in clause 5.5.1.3: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved"status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in the applicable national legislation.

Status starting time:	2016-06-30T22:00:00.000Z (01 Jul 2016 00:00:00 CEST)
Service information extensions:	*Extension 1/1, non-critical:*

<tsl:AdditionalServiceInformation xmlns:tsl="http://uri.etsi.org/02231/v2#">
<tsl:URI
xml:lang="en">http://www.nmhh.hu/tl/ServiceStatus/QualifiedatNationalLevel</tsl:URI>
</tsl:AdditionalServiceInformation>

2.4. Educatio Társadalmi Szolgáltató Nonprofit Korlátolt Felelősségű Társaság

Provider: 4

TSP name:	*English:*	Educatio Társadalmi Szolgáltató Nonprofit Korlátolt Felelősségű Társaság
	Hungarian:	Educatio Társadalmi Szolgáltató Nonprofit Korlátolt Felelősségű Társaság
TSP trade name:	*English:*	Educatio Ltd.
	Hungarian:	Educatio Társadalmi Szolgáltató Nonprofit Kft.
	English:	VATHU-20933713
	Hungarian:	VATHU-20933713
	English:	Educatio Társadalmi Szolgáltató Kht.
	Hungarian:	Educatio Társadalmi Szolgáltató Kht.

TSP address:

Postal address (English):

Street address:	Váci út 37.
Locality:	Budapest
Postal code:	1137
Country name:	HU

Electronic address

Hungarian:	http://pkica2.educatio.hu
English:	mailto:pkica2@educatio.hu
English:	http://pkica2.educatio.hu

TSP information URI: *English:*
http://pkica2.educatio.hu

Hungarian:
http://pkica2.educatio.hu

2.4.1. EDUCA-2

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.

Service name:

English: EDUCA-2

Hungarian: EDUCA-2

Service digital identity:

Subject key identifier:

BA 9F 74 12 AA 35 CA 2D 4F 78 39 DE B8 B2 1E 6E BB 47 D0 95

Service digital identity:

Version:

3

Serial number:

1 132 236 960 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

O=Educatio Társadalmi Szolgáltató Kht.,L=Budapest,C=HU,CN=EDUCA-2

Issuer:

CN=KGYHSZ (Public Administration Root CA - Hungary),C=hu

Subject key identifier:

BA 9F 74 12 AA 35 CA 2D 4F 78 39 DE B8 B2 1E 6E BB 47 D0 95

Authority key identifier:

C4 1B 6F BF 5A 96 BB F8 3F CC 17 78 BF 0E 6B E4 B7 71 56 57

Valid from:

2008-01-29T09:40:17.000Z   (29 Jan 2008 10:40:17 CET)

Valid to:

2018-01-29T10:10:17.000Z   (29 Jan 2018 11:10:17 CET)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = 0

Thumbprint:

SHA-1:

8B:61:B0:61:15:86:CC:C9:B0:47:76:C4:CA:14:39:B5:C9:25:0B:6B

SHA-256:

1B:9B:2C:EB:C1:19:A9:C0:06:33:45:21:0A:59:29:0E:15:32:78:59:6E:5C:1D:0E:66:A4:28:BC:63:3E:E5:81

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100CB344F98E31C97BB2A685A92C6A1333437303B5F7A27E9CC475C10473A446DCBC73ABF8CCE8A
3B29F5CE2709EE5BBBD65C917F8EE03960E0CA14B096C0EF99E2772069842E9B272AEB58CD6A7A369E8B22CA537475
A72E74EDBCA6111CC4160637985FCF7091BFDEE77A6672A86455CB15660F6F591AF1FFE42B6E610E04696820C97B53
492B0735496F59D8528867E794B1CABCC3C1D476EDFD42D1C5423A400C862946E6D343285026B3B6CEFCEA50E36F91
9DB2FD52BBEB37E903479C8983B2AD705CA2FBCC74F9567680CE641F99ACC950C0A30EBA2686B2D90757BF812AC483
1B6EC47B537BAF0D14BE9053C31D1CB763BFCFAD98491B50EE9312A0153F0203010001

Certificate policies:

0.2.216.1.100.42.1.200.2

cPSuri = http://cp.kgyhsz.gov.hu

userNotice = A hitelesítés-szolgáltató egyaránt jogosult közigazgatási felhasználásra szolgáló, hivatali aláíráshoz és ügyfél által használt aláíráshoz kapcsolódó tanúsítványok kibocsátására. Minden felelősség kizárva a hitelesítési rendben foglaltak szerint.

CRL distribution points:

http://crl.kgyhsz.gov.hu/KGYHSZ_CA_20060719.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIGIjCCBQqgAwIBAgIEQ3yQoDANBgkqhkiG9w0BAQUFADBIMQswCQYDVQQGEwJodTE5MDcGA1UE
AwwwS0dZSFNaIChQdWJsaWMgQWRtaW5pc3RyYXRpb24gUm9vdCBDDQSAtIEh1bmdhcnkpMB4XDTA4
MDEy0TA5NDAxN1oXDTE4MDEyOTEwMTAxN1owZDEQMA4GA1UEAwwHRURVVQ0EtMjELMAkGA1UEBhMC
SFUxETAPBgNVBAcMCEJ1ZGFwZXN0MTAwLgYDVQQKDCdFZHVjYXRpbyBUw6Fyc2FkYWxtaSBTem9s
Z80hbHRhdMOzIEtodC4wggEiMA0GCSqGSIb3DQEBAQUAA4IBDwAwggEKAoIBAQDLNE+Y4xyXuypo
WpLGoTM0NzA7X3on6cxHXBBHOkRty8c6v4zOijsp9c4nCe5bu9ZckX+O4Dlg4MoUsJbA75nidyBp
hC6bJyrrWM1qejaeiyLKU3R1py5O7bymERzEFgY3mF/PcJG/3ud6ZnKoZFXLFWYPb1ka8f/kK25h
DgRpaCDJe1NJKwc1SW9Z2FKIZ+eUscq8w8HUdu39QtHFQjpADIYpRubTQyhQJr02zvzqUONvkZ2y
/VK76zfpA0eciYOyrXBcovvMdPlWdoD0ZB+ZrMlQwKMOuiaGstkHV7+BKsSDG27Ee1N7rw0UvpBT
wx0ct20/z62YSRtQ7pMSoBU/AgMBAAGjggL2MIIC8jA0BgNVHQ8BAf8EBAMCAQYwEgYDVR0TAQH/
BAgwBgEB/wIBADCCAkgGA1UdIASCAj8wggI7MIICNwYKAoFYAWQqAYFIAjCCAicwIwYIKwYBBQUH
AgEWF2h0dHA6Ly9jcC5rZ3loc3ouZZ92Lmh1MIIB/gYIKwYBBQUHAgIwggHwHoIB7ABBACAAaABp
AHQAZQBsAGUAcwDtAHQA6QBzAC0AcwB6AGBAbABnAOEAbAB0AGEAdAzACAAZQBnAHkAYQByAOEA
bgQ0ACAAAgBvAGcAbwBzAHUAbAB0ACAAawD2AHoAaQBnAGEEgBnAGEAdAhAHMAaQAgAGYAZQBs
AGgAYQBzAHoAAbgDhAGwA4QBzAHIAYQAgAHMAegBvAGwAZWDhAGwA8wAsACAAaABpAHYAYQB0AGEA
bABpACAAYQBsAOEA7QBvAOEAcwBoAGAegAgAOkcwAgAGwAZwB5AGYA6QBsACAA4QBsAGMAcwBvAGwA
8wBkAPMAAIAB0AGEAbgD6AHMA7QB0AHYA4QBuAHkAbwBrACAAawBpAGIbwBjAHMA4Q0B0AOEAcwDh
AHIAYQAuACAATQBpAG4AZABlAG4AIABmAGUAbABlAGwBUQBzAHMA6QBnACAAawBpAHoA4QByAHYA
YQAgAGEAIABoAGkAdABlAGwAZQBzAO0AdADpAHMAaQAgAHIAZQBuAGQAYYBlAG4AIABmAG8AZwBs
AGEAbAB0AGEAawAgAHMAegBlAHIAaQBuAHQALjBABgNVHR8EOTA3MDWgM6Axhi9odHRwOi8vY3Js
LmtneWhzei5nb3YuaHUvS0dZSFNaX0NBXzIwMDYwNzE5LmNybDAfBgNVHSMEGDAWgBTEG2+/Wpa7
+D/MF3i/Dmvkt3FWVzAdBgNVHQ4EFgQUup90Eqo1yi1PeDneuLIebrtH0JUwDQYJKoZIhvcNAQEF
BQADggEBAJt1OTtLd6+ygXW6vyaAhZlWrjnxsr5cVRobFGvdhNt/RH37PPCUPW1h1zfLv4nh+sn0
wf8hsDM5ZqFY0AQwf++pPgTxN9PSLhPwaaGkZAPKRrlvx+0PB1U+3IqWbLv5elFZvexAOX8ONR0c
3fyWKvfEljccOJCYi/xIDWMj6b0u7ZwbSASpE5euNvtgwt63NgZTrONTD+gZd8VrJlw7Siuq3+lq
Yqstt3ZyfFyTSeSyK+ImKFbmZWkYbfzEy1jP8ZBDnRc2+Up3h+lvYjN39wDTdTT5trz4DCBbmNPn
QK3pKigWx1mBeN7F+hbyRqtfGdPGFbdNPT7iMzv2Z6FaJtQ=
-----END CERTIFICATE-----

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/deprecatedatnationallevel

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: http://crl.pkica2.educatio.hu/certenroll/educatio-ca2.crl

http://crl.pkica2.educatio.hu/certenroll/educatio-ca2.crt

2.4.1.1. EDUCA-2

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

> *A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.*

Service name:

English: EDUCA-2

Hungarian: EDUCA-2

Service digital identity: *Subject key identifier:*

BA 9F 74 12 AA 35 CA 2D 4F 78 39 DE B8 B2 1E 6E BB 47 D0 95

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/supervisionceased

> *The validity of the supervision assessment has lapsed without the service identified in "Service digital identity" (see clause 5.5.3) being re-assessed. The service is currently not under supervision any more from the date of the current status as the service is understood to have ceased operations. "Supervision Ceased" status shall be used when a TSP directly ceases its related services under supervision; it shall not be used when supervision has been revoked.*

Status starting time: 2013-02-12T13:38:40.000Z   (12 Feb 2013 14:38:40 CET)

2.4.1.2. EDUCA-2

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

> *A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.*

Service name:
    English: EDUCA-2

    Hungarian: EDUCA-2

Service digital identity: *Subject key identifier:*

BA 9F 74 12 AA 35 CA 2D 4F 78 39 DE B8 B2 1E 6E BB 47 D0 95

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2008-01-29T09:40:17.000Z   (29 Jan 2008 10:40:17 CET)

2.5. GIRO Private Limited Company

TSP name: *English:* GIRO Private Limited Company

Hungarian: GIRO Elszámolásforgalmi Zártkörűen Működő Részvénytársaság

TSP trade name: *English:* GIRO PLC

Hungarian: GIRO Zrt.

English: VATHU-10223257

Hungarian: VATHU-10223257

English: GIRO Elszamolasforgalmi Rt.

Hungarian: GIRO Elszamolasforgalmi Rt.

TSP address: *Postal address (English):*

Street address: Vadász u. 31.

Locality: Budapest

Postal code: 1054

Country name: HU

Electronic address

Hungarian: http://www.giro.hu/szolg-hiteles

English: mailto:hiteles@hiteles.giro.hu

English: http://www.giro.hu/szolg-hiteles

TSP information URI: *English:*
http://www.giro.hu/szolg-hiteles

Hungarian:
http://www.giro.hu/szolg-hiteles

2.5.1. GIRO Rt. Fokozott Biztonsagu CA

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

> *A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.*

Service name:

English: GIRO Rt. Fokozott Biztonsagu CA

Hungarian: GIRO Rt. Fokozott Biztonsagu CA

Service digital identity: *Subject key identifier:*

4D A7 23 22 EE E9 81 E7

Service digital identity: *Version:*

3

Serial number:

1 054 935 650 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

CN=GIRO Rt. Fokozott Biztonsagu CA,OU=GIRO Rt. HITELES Szolgaltatas,O=GIRO Elszamolasforgalmi Rt.,C=HU

Issuer:

CN=GIRO Rt. Root CA,OU=GIRO Rt. HITELES Szolgaltatas,O=GIRO Elszamolasforgalmi Rt.,C=HU

Subject key identifier:

4D A7 23 22 EE E9 81 E7

Authority key identifier:

keyIdentifier:

46 9A 1A 86 D1 39 C9 96

authorityCertIssuer:

directoryName: CN=GIRO Rt. Root CA, OU=GIRO Rt. HITELES Szolgaltatas, O=GIRO Elszamolasforgalmi Rt., C=HU

authorityCertSerialNumber:

1 054 931 887 (decimal)

Valid from:

2003-06-06T21:40:50.000Z   (06 Jun 2003 23:40:50 CEST)

Valid to:

2013-06-03T19:39:27.000Z   (03 Jun 2013 21:39:27 CEST)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE
pathLenConstraint = no limit

Thumbprint:

SHA-1:

35:E5:46:04:04:50:97:94:D9:2F:F9:17:08:F6:F9:34:DF:42:5C:5F

SHA-256:

76:B2:FB:2D:34:D6:18:16:32:FF:56:E7:36:94:AC:80:FA:8F:4B:83:36:92:59:C0:8C:E1:F9:C0:48:53:E1:AF

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100B31DEC3B62455EB828B4BF5DDB9E955BA7D834A37A01C55AECA1A7139D91F7137A813D12DE33
494227994BB39226517CE463B124E518CCA3563094C8401B1DBC8E00F611017227BB992274879F4468E68BB60AAF88
9366AA3B6A9820D26BB6788000C893D0136ED62B045E892F35C9A36E2E945783FFFC44A6BA3C1120B51489197CC413
06462A8B1316157E3795F7BE1D6EFA8E8A003CBCFBF188E756618A91E8412613CCF2ADAB79FC43B7B090F3A6BDAE11
4C08A7A374664123F4620908672FD96A366745FC55FA9BC209AE816AE7C16AAA510F9C1214792B0D46B2F3660EB7B3
61E76FFA2552144FAB69F09768A4EEEC482029D7F03764980FE5C0CE448F0203010001

Certificate policies:

not present

CRL distribution points:

ldap://tar.giro.hu:389/cn%3dGIRO%20Rt.%20Root%20CA_crl,%20ou%3dGIRO%2
0Rt.%20HITELES%20Szolgaltatas,%20o%3dGIRO%20Elszamolasforgalmi%20Rt.,
c%3dHU?certificateRevocationList?base?objectClass=cRLDistributionPoint

PEM format:

-----BEGIN CERTIFICATE-----
MIIF0DCCBCCgAwIBAgIEPuEKYjANBgkqhkiG9w0BAQUFADB2MQswCQYDVQQGEwJIVTEkMCIGA1UE
ChMbR0lSTyBFbHN6YW1vbGFzZm9yZ2FsbWkgUnQuMSYwJAYDVQQLEx1HSVJPIFJ0LiBISVRFTEVT
IFN6b2xnYWx0YXRhczEZMBcGA1UEAxMQR0lSTyBSdC4gUm9vdCBDQTAeFw0wMzA2MDYyMTQwNTBa
Fw0xMzA2MDMxOTM5MjdaMIGFMQswCQYDVQQGEwJIVTEkMCIGA1UEChMbR0lSTyBFbHN6YW1vbGFz
Zm9yZ2FsbWkgUnQuMSYwJAYDVQQLEx1HSVJPIFJ0LiBISVRFTEVTIFN6b2xnYWx0YXRhczEoMCYG
A1UEAxMfR0lSTyBSdC4gRm9rb3pvdHHQgQml6dG9uc2FndSBDQTCCASIwDQYJKoZIhvcNAQEBBQAD
ggEPADCCAQoCggEBALMd7DtiRV64KLS/XdueIVun2DSjegHFWuyhpxOdkfcTeoE9Et4zSUInmUuz
kiZRfORjsSTlGMyjVjCUyEAbHbyOAPYRAXInu5kidIefRGjmi7YKr4iTZqo7apgg0mu2eIAAyJPQ
E27WKwReiS81yaNuLpRXg//8RKa6PBEgtRSJGXzEEwZGKosTFhV+N5X3vh1u+o6KADy8+/GI5lZh
ipHoQSYTzPKtq3n8Q7ewkPOmva4RTAino3RmQSP0YgkIZy/ZajZnRfxV+pvCCa6BaufBaqpRD5wS
FHkrDUay82YOt7Nh52/6JVIUT6tp8JdopO7sSCAp1/A3ZJgP5cDORI8CAwEAAaOCAbwwggG4MA8G
A1UdEwEB/wQFMAMBAf8wDgYDVR0PAQH/BAQDAgEGMIHnBgNVHR8Egd8wgdwwgdmggdaggdO0GgdBs
ZGFwOi8vdGFyLmdpcm8uaHU6Mzg5L2NuJTNkR0lSTyUyMFJ0LiUyMFJvb3QlMjBDQV9jcmwsJTIw
b3UlM2RHSVJPJTIwUnQuJTIwSElURUxFUyUyMFN6b2xnYWx0YXRhcywlMjBvJTNkR0lSTyUyMEVs
c3phbW9sYXNmb3JnYWxtaSUyMFJ0LixjJTNkSFU/Y2VydGlmaWNhdGVSZXZvY2F0aW9uTGlzdD9i
YXNlP29iamVjdENsYXNzPWNSTERpc3RyaWJ1dGlvblBvaW50MIGXBgNVHSMEgY8wgYyACEaaGobR
OcmWoXqkeDB2MQswCQYDVQQGEwJIVTEkMCIGA1UEChMbR0lSTyBFbHN6YW1vbGFzZm9yZ2FsbWkg
UnQuMSYwJAYDVQQLEx1HSVJPIFJ0LiBISVRFTEVTIFN6b2xnYWx0YXRhczEZMBcGA1UEAxMQR0lS
TyBSdC4gUm9vdCBDQYIEPuD7rzARBgNVHQ4ECgQITacjIu7pgecwDQYJKoZIhvcNAQEFBQADggEB
AJXdoYpTDVusyYr76UCwQXhUAh52TNzYuKX/xhjEaCNS4oQUkwci3nWOpHJuI07GtCPNfvHE3cLQ
qOnDLrK8ucBzlxUguef4Kem1v3OUFHLvAFu2Fd1+puTWPnuf2A6gFcMpaTv54lVgKzRibm/CRaXK
/QIHMzSQxwP4K3pMzbpKLOy4zlM93lvK39rkTLBkZxcO/x3g0RaGKlJc3Jw4Bn/kJKkFNxELclSr
O7ABzfJ4l671fm+wlHyqBLjOgHTvRcRvGtrBIXkh1OJDSpJj4Spx5+aJeXfAXxV00IyArQ5cqqoD
uHOo6/VVby7BjDPMBrQghwBikAuCuJs/tkRr6Ss=
-----END CERTIFICATE-----

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/deprecatedatnationallevel

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

2.5.1.1. GIRO Rt. Fokozott Biztonsagu CA

```
Provider: 5
 Service: 1
History: 1/2
```

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

> *A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.*

Service name: *English:* GIRO Rt. Fokozott Biztonsagu CA

Hungarian: GIRO Rt. Fokozott Biztonsagu CA

Service digital identity: *Subject key identifier:*

4D A7 23 22 EE E9 81 E7

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/supervisionceased

> *The validity of the supervision assessment has lapsed without the service identified in "Service digital identity" (see clause 5.5.3) being re-assessed. The service is currently not under supervision any more from the date of the current status as the service is understood to have ceased operations. "Supervision Ceased" status shall be used when a TSP directly ceases its related services under supervision; it shall not be used when supervision has been revoked.*

Status starting time: 2008-10-29T11:00:00.000Z   (29 Oct 2008 12:00:00 CET)

2.5.1.2. GIRO Rt. Fokozott Biztonsagu CA

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

> *A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.*

Service name:

English: GIRO Rt. Fokozott Biztonsagu CA

Hungarian: GIRO Rt. Fokozott Biztonsagu CA

Service digital identity: *Subject key identifier:*

4D A7 23 22 EE E9 81 E7

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2003-06-06T21:40:50.000Z   (06 Jun 2003 23:40:50 CEST)

2.6. NETLOCK Informatics and Network Privacy services Limited Company

TSP name:	*English:*	NETLOCK Informatics and Network Privacy services Limited Company
	Hungarian:	NETLOCK Informatikai és Hálózatbiztonsági Szolgáltató Korlátolt Felelősségű Társaság
TSP trade name:	*English:*	NetLock Ltd.
	Hungarian:	NetLock Kft.
	English:	VATHU-12201521
	Hungarian:	VATHU-12201521
	English:	NetLock Halozatbiztonsagi Kft.
	Hungarian:	NetLock Halozatbiztonsagi Kft.

TSP address:

Postal address (English):

Street address:	Expo tér 5-7
Locality:	Budapest
Postal code:	1101
Country name:	HU

Electronic address

Hungarian:	http://netlock.hu
English:	mailto:info@netlock.hu
English:	http://www.netlock.hu/USEREN/index.html

TSP information URI: *English:*
http://www.netlock.hu/USEREN/index.html

Hungarian:
http://netlock.hu

2.6.1. NetLock Minositett Kozjegyzoi (Class QA) Tanusitvanykiado

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/QC

A qualified certificate issuing trust service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services, and under which are provided the relevant and related revocation and certificate validity status information services (e.g. CRLs, OCSP responses) in accordance with EU Directive 1999/93/EC or with Regulation (EU) No 910/2014 whichever is in force at the time of provision. This may also include generation and/or management of the associated private keys on behalf of the certified entity.

Service name:

English: NetLock Minositett Kozjegyzoi (Class QA) Tanusitvanykiado

Hungarian: NetLock Minositett Kozjegyzoi (Class QA) Tanusitvanykiado

Service digital identity: *Subject key identifier:*

09 6A 62 16 92 B0 5A BB 55 0E CB 75 32 3A 32 E5 B2 21 C9 28

Service digital identity: *Version:*

3

Serial number:

123 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

EMAILADDRESS=info@netlock.hu,CN=NetLock Minositett Kozjegyzoi (Class QA) Tanusitvanykiado,OU=Tanusitvanykiadok,O=NetLock Halozatbiztonsagi Kft.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@netlock.hu,CN=NetLock Minositett Kozjegyzoi (Class QA) Tanusitvanykiado,OU=Tanusitvanykiadok,O=NetLock Halozatbiztonsagi Kft.,L=Budapest,C=HU

Subject key identifier:

09 6A 62 16 92 B0 5A BB 55 0E CB 75 32 3A 32 E5 B2 21 C9 28

Authority key identifier:

not present

Valid from:

2003-03-30T01:47:11.000Z   (30 Mar 2003 03:47:11 CEST)

Valid to:

2022-12-15T01:47:11.000Z   (15 Dec 2022 02:47:11 CET)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = 4

Thumbprint:

SHA-1:

01:68:97:E1:A0:B8:F2:C3:B1:34:66:5C:20:A7:27:B7:A1:58:E2:8F

SHA-256:

E6:06:DD:EE:E2:EE:7F:5C:DE:F5:D9:05:8F:F8:B7:D0:A9:F0:42:87:7F:6A:17:1E:D8:FF:69:60:E4:CC:5E:A5

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100C75225B2D83DD4845509A71BBD6CB914F48A02DB76FC6A2A78ABE577F06EE08C2367DBA56499
B9DD013E6FEF2D9A3C22F05DC957A055417FF2435E5882533165CE1EF226BA00541EAFB0BC1CE4528CA032AFB737B1
536768746750F62D2E64DEAE2679DFDF9986ABAB7F85ECA0FB80CCF4B80C1E934563B9DCB85B9BED5B39D45F62B0A7
8E7C66382CAAB1086317677DCCBDB3F1C33FCF5039EDD1198315DB87122796B7DAEAE59DBCBAEA394F8BEF749AE7C5
D0D2EA86511CE4FE640828047905EBCAC5710E0BEFABEAEC1211A118053269D10C2C1A3D25993FB57CCA6DB0AE9999
FA0860E719C2F2BD51D3CCD302ACC1110C80CEABDC949D6BA339533AD685020300C57D

Certificate policies:

not present

CRL distribution points:

not present

PEM format:

-----BEGIN CERTIFICATE-----
MIIG0TCCBbmgAwIBAgIBezANBgkqhkiG9w0BAQUFADCByTELMAkGA1UEBhMCSFUxETAPBgNVBAcT
CEJlZGFwZXN0M5cwJQYDVQQKEx5OZXRMb2NrIEhhbG96YXRiaXp0b25z2YWdpIEtmdC4xGjAYBgNV
BAsTEVRhbnVzaXR2YW55a2lhZG9rMUIwQAYDVQQDEzlOZXRMb2NrIElpbm9zaXRldHQgS296amVn
eXpvaSAoQ2xhc3MzMgUUEpIFRhbnVzaXR2YW55a2lhZG8xHjAcBgkqhkiG9w0BCQEWD2luZm9AbmV0
bG9jay5odTAeFw0wMzAzAzMAwMTQ3MTFaFw0yMjEyMTUwMTQ3MTFaMIHJMQswCQYDVQQGEwJIVTER
MA8GA1UEBxMIQnVkYXBlc3QxJzAlBgNVBAoTHk5ldExvY2sgSGFsb3phdGJpenRvbnNhZ2kgS2Z0
LjEaMBgGA1UECxMRVGFudXNpdHZhbnlraWFkb2sxQjBABgNVBAMTOU5ldExvY2sgTWlub3NpdGV0
dCBLb3pqZWd5em9pIChDbGFzzcyBRQSkgVGFudXNpdHZhbnlraWFkbzEeMBwGCSqGSIb3DQEJARYP
aW5mb0BuZXRsb2NrLmh1MIIBIjANBgkqhkiG9w0BAQEFAAOCAQ8AMIIBCgKCAQEAx1Ilstg91IRV
CacbvWy5FPSKAtt2/GoqeKvld/Bu4IwjZ9ulZJm53QE+b+8tmjwi8F3JV6BVQX/yQ15YglMxZc4e
8ia6AFQer7C8HORSjKAyr7c3sVNnaHRnUPYtLmTeriZ539+Zhqurf4XsoPuAzPS4DB6TRWO53Lhb
m+1bOdRfYrCnjnxmOCyqsQhjF2d9zL2z8cM/z1A57dEZgxXbhxInlrfa6uWdvLrqOU+L73Sa58XQ
0uqGURzk/mQIKAR5BevKxXEOC++r6uwSEaEYBTJp0QwsGj0lmT+1fMptsK6ZmfoIY0cZwvK9UdPM
0wKswREMgM6r3JSda6M5UzrWhQIDAMV9o4ICwDCCArwwEgYDVR0TAQH/BAgwBgEB/wIBBDAOBgNV
HQ8BAf8EBAMCAQYwggJ1BglghkgBhvhCAQ0EggJmFoICYkZJRllFTEVNISBFemVuIHRhbnVzaXR2
YW55IGEgTmV0TG9jjayBLZnQuIEIpbm9zaXRldHdgU3pvbgGdhbHRhdGfzaSBTemFiYWx5emF0YWJh
biBsZWlydCBlbGphcmFzb2sgYWxhcGphbiBrZXN6dWx0LiBBIGlpbm9zaXRldHdQgZWxla3Ryb25p
a3VzIGFsYWlyYXMgam9naSBF0YXMgZXJ2ZW55ZXN1bGVzZW5laywgdmFsYW1pbnQgZWxmb2dhZGFz
YW5hayBmZWx0ZXRlbGGUgYSBNaW5vc2l0ZXR0IFN6b2xnYWx0YXRhc2kgU3phYmFseXphdGJhbiwg
YXogQWx0YWxhbm9zIFN6ZXJzb2Rlc2kgRmVsdGV0ZWxla2Jlbi8lBlbG9pcnQgQgZWxsZW5vcnplc2kg
ZWxqYXJhcyBtZWd0ZXRlbGGUuIEEgZG9rdWlbbnR1bW9rIGllZ3RhbGFsaGF0b2sgySBodHRwczov
L3d3dy5uZXRsb2NrLmh1L2RvY3MvIGNpbWVuIHZhZ3kga2VyaGV0b2sgYXogaW5mb0BuZXRsb2Nr
Lm5ldCBlLWlhaWwgY2l0ZW4uIFdBUk5JTkchIFRoZSBpc3NlYW5jZSBhbmQgdGhlIHVzZSBvZiB0
aGlzIGNlcnRpZmljYXRlIGFyZSBzdWJqZWN0IHRvIHRoZSBOZXRMb2NrIFFlYWxpZmllZCBDUFMg
YXZhaWxhYmxlIGF0IGh0dHBz0i8vd3d3Lm5ldGxvY2suaHUvZG9jy8gb3IgYnkgZS1tYWlsIGF0
IGluZm9AbmV0bG9jay5uZXQwHQYDVR0OBBYEFAlqYhaSsFq7VQ7LdTI6MuWyIckoMA0GCSqGSIb3
DQEBBQUAA4IBAQCRalCc23iBmz+LQuM7/KbD7kPgz/PigDVJRXYC4uMvBcXxKufAQTPGtpvQMznN
wNuhrWw3AkxYQTvyl5LGSKjN5Yo5iWH5Upfpvfb5lHTocQ68d4bDBsxafEp+NFAwLvt/MpqNPfMg
W/hqyobzMUwsWYAcff44yTB1HLdV47yfuqhthCgFdbOLDcCRVCHnpgu0mfVRQdzNo0ci2ccBgcTc
R08m6h/t280NmPSjnLRzMkqWmf68f8glWPhY83ZmiVSkpj7EUFy6iRiCdUgh0k8T6GB+B3bbELVR
5qq5aKrN9p2QdRLqOBrKROi3macqaJVmlaut74nLYKkGEsaUR+ko
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/granted

Following ex ante and active approval activities, in compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted a qualified status: - to the corresponding trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and - to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: http://netlock.hu/index.cgi?minositett&raw&crl=mshea

Service information extensions:

Extension 1/1, non-critical:

<tsl:AdditionalServiceInformation xmlns:tsl="http://uri.etsi.org/02231/v2#"><tsl:URI xml:lang="en">http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/ForeSignatures </tsl:URI></tsl:AdditionalServiceInformation>

Service information extensions:

Extension 1/1, non-critical:

<tsl:AdditionalServiceInformation xmlns:tsl="http://uri.etsi.org/02231/v2#"><tsl:URI xml:lang="en">http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/ForeSignatures </tsl:URI></tsl:AdditionalServiceInformation>

2.6.1.1. NetLock Minositett Kozjegyzoi (Class QA) Tanusitvanykiado

```
Provider: 6
Service: 1
History: 1/1
```

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/QC

A qualified certificate issuing trust service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services, and under which are provided the relevant and related revocation and certificate validity status information services (e.g. CRLs, OCSP responses) in accordance with EU Directive 1999/93/EC or with Regulation (EU) No 910/2014 whichever is in force at the time of provision. This may also include generation and/or management of the associated private keys on behalf of the certified entity.

Service name:

English: NetLock Minositett Kozjegyzoi (Class QA) Tanusitvanykiado

Hungarian: NetLock Minositett Kozjegyzoi (Class QA) Tanusitvanykiado

Service digital identity: *Subject key identifier:*

09 6A 62 16 92 B0 5A BB 55 0E CB 75 32 3A 32 E5 B2 21 C9 28

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2003-03-30T01:47:11.000Z   (30 Mar 2003 03:47:11 CEST)

2.6.2. NetLock Minositett Kozigazgatasi Tanusitvanykiado

```
Provider: 6
 Service: 2
```

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/QC

> *A qualified certificate issuing trust service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services, and under which are provided the relevant and related revocation and certificate validity status information services (e.g. CRLs, OCSP responses) in accordance with EU Directive 1999/93/EC or with Regulation (EU) No 910/2014 whichever is in force at the time of provision. This may also include generation and/or management of the associated private keys on behalf of the certified entity.*

Service name:

English: NetLock Minositett Kozigazgatasi Tanusitvanykiado

Hungarian: NetLock Minositett Kozigazgatasi Tanusitvanykiado

Service digital identity: *Subject key identifier:*

F8 DC 64 CE 60 53 34 04 9E 04 AD D1 EB 36 7C 23 C4 8F 50 F5

Service digital identity: *Version:*

3

Serial number:

1 132 236 425 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

CN=NetLock Minositett Kozigazgatasi Tanusitvanykiado,OU=Tanusitvanykiadok,O=NetLock Kft.,L=Budapest,C=HU

Issuer:

CN=KGYHSZ (Public Administration Root CA - Hungary),C=hu

Subject key identifier:

F8 DC 64 CE 60 53 34 04 9E 04 AD D1 EB 36 7C 23 C4 8F 50 F5

Authority key identifier:

C4 1B 6F BF 5A 96 BB F8 3F CC 17 78 BF 0E 6B E4 B7 71 56 57

Valid from:

2006-07-21T11:48:42.000Z   (21 Jul 2006 13:48:42 CEST)

Valid to:

2016-07-21T12:18:42.000Z   (21 Jul 2016 14:18:42 CEST)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = 0

Thumbprint:

SHA-1:

B4:1A:A8:58:A1:87:E0:FD:70:22:0C:C9:22:79:98:03:56:8D:5C:31

SHA-256:

84:E8:E1:0F:B1:00:31:CD:7C:06:DB:04:86:DF:F8:CE:09:A4:27:B2:3A:C1:AE:15:CB:17:FD:14:F6:2A:93:55

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100C28D588DD0950A3B2D9AB86D9CFC1942321E647E43632F230243B6F23DC5F2066ABB23CB1BCB
11DAB814735AD33C39ADC35AC89FFEDD4C5BB389198A4FADA1D5965E32F26D2DAD58830BD05E086A589AFC5DFF2BF4
FA99534D2992E7519B9B5E022CB19EF66DED580516C0AC165E35078D8F24166B68E2160A358FCBF2C290B90339B3D8
ADED916641B2F833E00AAABED26AE076A0A09B915DA7F2E75820C15AC357365B48A97188D7E01619F1A49175A77B3E
E48B846BD4E7E9C4CF09651336B9206F9D82FFACE6C461F5CCDB80B4B66856AA5B8357131600DFDA3A2FA976FF9259
E1A0FC2AAB88E4C0C831C4B8F198C5D53731DD2E3DA3D3D822CCF2530445020300B4EB

Certificate policies:

0.2.216.1.100.42.1.200.2

cPSuri = http://cp.kgyhsz.gov.hu

userNotice = A hitelesítés-szolgáltató egyaránt jogosult közigazgatási felhasználásra szolgáló, hivatali aláíráshoz és ügyfél által használt aláíráshoz kapcsolódó tanúsítványok kibocsátására. Minden felelősség kizárva a hitelesítési rendben foglaltak szerint.

CRL distribution points:

http://crl.kgyhsz.gov.hu/KGYHSZ_CA_20060719.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIGTjCCBTagAwIBAgIEQ3yOiTANBgkqhkiG9w0BAQUFADBIMQswCQYDVQQGEwJodTE5MDcGA1UE
AwwwS0dZSFNaIChQdWJsaWMgQWRtaW5pc3RyYXRpb24gUm9vdCBDQSAtIEh1bmdhcnkpMB4XDTA2
MDcyMTExNDGg0MloXDTE2MDcyMTEyMTg0MlowgY8xCzAJBgNVBAYTAkhVMREwDwYDVQQHDAhCdWRh
cGVzdDEVMBMGA1UECgwMTmV0TG9jayBLZnQuMRowGAYDVQQLDBFUYW51c2l0dmFueWtpYWRvazE6
MDgGA1UEAwwxTmV0TG9jayBNaW5vc2l0ZXR0IEtvemlnYXpnYXRhc2kgVGFudXNpdHZhbnlraWFk
bzCCASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAMKNWI3QlQo7LZq4bZz8GUIyHmR+Q2Mv
IwJDtvI9xfIGarsjyxvLEdq4FHNa0zw5rcNayJ/+3Uxbs4kZik+todWWXjLybS2tWIML0F4Ialia
/F3/K/T6mVNNKZLnUZubXgIssZ72be1YBRbArBZeNQeNjyQWa2jiFgo1j8vywpC5Azmz2K3tkWZB
svgz4AqqvtJq4HagoJuRXafy51ggwVrDVzZbSKlxiNfgFhnxpJF1p3s+5IuEa9Tn6cTPCWUTNrkg
b52C/6zmxGH1zNuAtLZoVqpbg1cTFgDf2jovqXb/klnhoPwqq4jkwMgxxLjxmMXVNzHdLj2j09gi
zPJTBEUCAwC0660CAvYwggLyMA4GA1UdDwEB/wQEAwIBBjASBgNVHRMBAf8ECDAGAQH/AgEAMIIC
SAYDVR0gBIICPzCCAjswggI3BgoCgVgBZCoBgUgCMIICJzAjBggrBgEFBQcCARYXaHR0cDovL2Nw
LmtneWhzei5nb3YuaHUwggH+BggrBgEFBQcCAjCCAfAeggHsAEEAIABoAGkAdABlAGwAZQBzAO0A
dADpAHMALQBzAHoAbwBsAGcA4QBsAHQAYQB0APMAIABlAGcAeQBhAHIA4QBuAHQAIABqAG9AZwBv
AHMAdQBsAHQAIABrAPYAegBpAGcAYQB6AGcAYQB0AOEAcwBpACAAZgBlAGwAaABhAHMAegBuAOEA
bADhAHMAcgBhACAAcwB6AG8AbABnAOEAbADzAcwAIABoAGkAdgBhAHQAYQBsAGkAIABhAGwA4QDt
AHIA4QBzAGgAbwB6ACAA6QBzACAA/ABnAHkAZgDpAGwAIABhAGwA4QBsAHQAIABoAGEAcwB6AG4A
4QBsAHQAIABhAGwA4QDtAHIA4QBzAGgAbwB6ACAAwBhHAAYwBzAG8AbADzAGQA8wAgAHQAYQBu
APoAcwDtAHQAdgDhAG4AeQBvAGsAIABrAGkAYgBvAGMAcwDhAHQA4QBzAOEAcgBhAC4AIABNAGkA
bgBkAGUAbgAgAGYAZQBsAGUAbAFRAHMAcwDpAGcAIABrAGkAegDhAHIAdgBhACAAYQAgAGgAaQB0
AGUAbABlAHMA7QB0AOkAcwBpACAAcgBlAG4AZABiAGUAbgAgAGYAbwBnAGwAYQBsAHQAYQBrACAA
cwB6AGUAcgBpAG4AdAAuMEAGA1UdEwQ5MDcwNaAzoDGGL2h0dHA6Ly9jcmwuua2d5aHN6LmdvdiSo
dS9LR1lIU1pfQ0FfMjAwNjA3MTkuY3JsMB8GA1UdIwQYMBaAFMQbb79alrv4P8wXeL80a+S3cVZX
MB0GA1UdDgQWBBT43GTOYFM0BJ4ErdHrNnwjxI9Q9TANBgkqhkiG9w0BAQUFAAOCAQEANkbnvUwd
QDLCTiyasPohIjuzr0qSNwSAsmJN4QvPUoscKUJJLfcn9hxUetFr+jI6H84pglLJBPyCGtGjFzHE
z7XnJShPuXz50IymWjpfJvup+dQPpL8DJ2F+jz6hl/VckrzT2qd6pcd27WahWEExPfUHACHFPyvk
RYiBtMyyEhmaz9Whmi1MyQIXKv3jp3cbV+dFJm3ZGeEsnzPPE5N227Zq9v/F3ooH6KwktIlQpgp4
gDBRzd3tIE0rNUGyrl9PLOpGEm4bdIUP5zOdQjeev8H8jqL4Mkph9Guf2qGpL3LrvXRTcDk4NNFk
Bp978Qooae0jw4aYYUGhvtxaQKhkBg==
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/granted

Following ex ante and active approval activities, in compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted a qualified status: - to the corresponding trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and - to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z (01 Jul 2016 00:00:00 CEST)

Service supply points: http://netlock.hu/index.cgi?minositett&crl=mkozig

Service information extensions:

Extension 1/1, non-critical:

<tsl:AdditionalServiceInformation xmlns:tsl="http://uri.etsi.org/02231/v2#"><tsl:URI xml:lang="en">http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/ForeSignatures</tsl:URI></tsl:AdditionalServiceInformation>

2.6.2.1. NetLock Minositett Kozigazgatasi Tanusitvanykiado

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/QC

A qualified certificate issuing trust service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services, and under which are provided the relevant and related revocation and certificate validity status information services (e.g. CRLs, OCSP responses) in accordance with EU Directive 1999/93/EC or with Regulation (EU) No 910/2014 whichever is in force at the time of provision. This may also include generation and/or management of the associated private keys on behalf of the certified entity.

Service name:

English: NetLock Minositett Kozigazgatasi Tanusitvanykiado

Hungarian: NetLock Minositett Kozigazgatasi Tanusitvanykiado

Service digital identity: *Subject key identifier:*

F8 DC 64 CE 60 53 34 04 9E 04 AD D1 EB 36 7C 23 C4 8F 50 F5

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2006-07-21T11:48:42.000Z   (21 Jul 2006 13:48:42 CEST)

2.6.3. NetLock Minősített Eat. (Class Q Legal) Tanúsítványkiadó

Provider: 6
Service: 3

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/QC

> *A qualified certificate issuing trust service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services, and under which are provided the relevant and related revocation and certificate validity status information services (e.g. CRLs, OCSP responses) in accordance with EU Directive 1999/93/EC or with Regulation (EU) No 910/2014 whichever is in force at the time of provision. This may also include generation and/or management of the associated private keys on behalf of the certified entity.*

Service name:

English: NetLock Minősített Eat. (Class Q Legal) Tanúsítványkiadó

Hungarian: NetLock Minősített Eat. (Class Q Legal) Tanúsítványkiadó

Service digital identity: *Subject key identifier:*

64 AF 81 8A 5C 30 B8 57 65 DA 5D A5 3D 58 6E 47 62 42 34 AB

Service digital identity: *Version:*

3

Serial number:

80 544 274 841 623 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

CN=NetLock Minősített Eat. (Class Q Legal) Tanúsítványkiadó,OU=Tanúsítványkiadók (Certification Services),O=NetLock Kft.,L=Budapest,C=HU

Issuer:

CN=NetLock Arany (Class Gold) Főtanúsítvány,OU=Tanúsítványkiadók (Certification Services),O=NetLock Kft.,L=Budapest,C=HU

Subject key identifier:

64 AF 81 8A 5C 30 B8 57 65 DA 5D A5 3D 58 6E 47 62 42 34 AB

Authority key identifier:

CC FA 67 93 F0 B6 B8 D0 A5 C0 1E F3 53 FD 8C 53 DF 83 D7 96

Valid from:

2009-07-31T10:51:20.000Z   (31 Jul 2009 12:51:20 CEST)

Valid to:

2024-10-15T10:51:20.000Z   (15 Oct 2024 12:51:20 CEST)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = 4

Thumbprint:

SHA-1:

5D:C4:62:76:3A:50:6F:1A:0A:7C:D3:E3:31:94:18:F4:9F:58:00:D1

SHA-256:

62:84:A0:3B:AF:AE:86:1A:30:E3:A2:5A:03:04:28:30:6F:7E:B5:2B:D0:BA:57:7A:1D:96:2A:80:9A:83:0C:9E

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100B319F6B4DB31039FCC2178BD5D92E9386271E453BA16C68178D9A78FF24BFB9585082EB62FD2
79DC856B8938A4FCE868D2DEA6FDD66BC2B32A9C8262D1FFFDB278A5B8E4326C9B9E0B663944F6C1DD8A247CC87688
160FF5AA39636F4DF7806CDEF71DC989961502968A18ACA85A317A3B1D55892A603A26DE40F668FF30661B101E83728
16878B15797117725911 0B0DDC0E9CF6D4C9ABB62A4C73D5A7C35E2CEF27F02CE9E4989F0B12108B74512D64C1B6273
21055FCAC7DB21A861E53B20E4E9B21FF9FF73E8957B9E08D88C8D226923D94C3DB3EE69C00EDB1B01EDE553091CAE
EE18FE7A36F6ECFB7A3FEB5802C392CD6E6FD65A5A572CF3508F7932205B0203008FFF

Certificate policies:

not present

CRL distribution points:

http://crl1.netlock.hu/index.cgi?crl=gold

http://crl2.netlock.hu/index.cgi?crl=gold

http://crl3.netlock.hu/index.cgi?crl=gold

PEM format:

```
-----BEGIN CERTIFICATE-----
MIIGLzCCBRegAwIBAgIGSUEs5AAXMA0GCSqGSIb3DQEBCwUAMIGnMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFTATBgNVBAoMDE5ldExvY2sgS2Z0LjE3MDUGA1UECwwuVGFuw7pzw610
ds0hbnlraWFkw7NrIChDZXJ0aWZpY2F0aW9uIFNlcnZpY2VzKTE1MDMGA1UEAwwsTmV0TG9jayBB
cmFueSAoQ2xhc3MgR29sZCkgRsWRdGFuw7pzw610ds0hbnkwHhcNMDkwNzMxMTA1MTIwWhcNMjQx
MDE1MTA1MTIwWjCBuTELMAkGA1UEBhMCSFUxETAPBgNVBAcMCEJ1ZGFwZXN0MRUwEwYDVQQKDAxO
ZXRMb2NrIEtmdC4xNzA1BgNVBAsMLlRhbsO6c8OtdHbDoW55a2lhZMOzayAoQ2VydGlmaWNhdGlv
biBTZXJ2aWNlcykxRzBFBgNVBAMMPk5ldExvY2sgTWluxZFzw610ZXR0IEVhdC4gKENsYXNzIFFg
TGVnYWwpIFRhbsO6c8OtdHbDoW55a2lhZMOzMIIBIjANBgkqhkiG9w0BAQEFAAOCAQ8AMIIBCgKC
AQEAsxn2tNsxA5/MIXi9XZLp0GJx5FO6FsaBeNmnj/JL+5WFCC62L9J53IVriTik/Oho0t6m/dZr
wrMqnIJi0f/9snilu0QybJueC2Y5RPbB3YokfMh2iBYP9ao5Y29N94Bs3vcdyYlhUClooYrKhaMX
o7HVWJKmA6Jt5A9mj/MGYbEB6DcoFoeLFXlxdyWRELDdwOnPbUyau2Kkxz1afDXizvJ/As6eSYnw
sSEIt0US1kwbYnMhBV/Kx9shqGHlOyDk6bIf+f9z6JV7ngjYjI0iaSPZTD2z7mnADtsbAe3lUwkc
ru4Y/no29uz7ej/rWALDks1ub9ZaWlcs81CPeTIgWwIDAI//o4ICSzCCAkcwEgYDVR0TAQH/BAgw
BgEB/wIBBDAOBgNVHQ8BAf8EBAMCAQYwHwYDVR0jBBgwFoAUzPpnk/C2uNClwB7zU/2MU9+D15Yw
HQYDVR00BBYEFGSvgYpcMLhXZdpdpTlYbkdiQjSrMIIBPgYIKwYBBQUHAQEEggEwMIIBLDAsBggr
BgEFBQcwAYYgaHR0cDovL29jc3AxLm5ldGxvY2suaHUvZ29sZC5jZ2kwLAYIKwYBBQUHMAGGIGh0
dHA6Ly9vY3NwMi5uZXRsb2NrLmh1L2dvbGQuY2dpMCwGCCsGAQUFBzABhiBodHRwOi8vb2NzcDMu
bmV0bG9jay5odS9nb2xkLmNnaTA0BggrBgEFBQcwAoYoaHR0cDovL2FpYTEubmV0bG9jay5odS9p
bmRleC5jZ2k/Y2E9Z29sZDA0BggrBgEFBQcwAoYoaHR0cDovL2FpYTIubmV0bG9jay5odS9pbmRl
eC5jZ2k/Y2E9Z29sZDA0BggrBgEFBQcwAoYoaHR0cDovL2FpYTMubmV0bG9jay5odS9pbmRleC5j
Z2k/Y2E9Z29sZDCBngYDVR0fBIGWMIGTMC+gLaArhilodHRwOi8vY3JsMS5uZXRsb2NrLmh1L2lu
ZGV4LmNnaT9jcmw9Z29sZDAvoC2gK4YpaHR0cDovL2NybDIubmV0bG9jay5odS9pbmRleC5jZ2k/
Y3JsPWdvbGQwL6AtoCuGKWh0dHA6Ly9jcmwzLm5ldGxvY2suaHUvaW5kZXguY2dpP2NybD1nb2xk
MA0GCSqGSIb3DQEBCwUAA4IBAQCCv7y9R8Lol772iPT89zCqKjLzjoWjVhKNkwd6x/0n83QWYKvj
wMozBYvJppUoY4/gaOXL7Mes1qmYMYqWgc6yfXeg5imU3ZY6QjCYejoQMjwaPGL0cmPhFa5iIlRn
B5o2EDQ+sYgvlpik+w2kF34ap/qEEQ9tjrL7uoWJB+aTXhLdWY4iVCE3QnAo8PEVzlghxbLocuLd
9fR/r0+aF6tqFwtUFeDuapFFui+WXIh9jtTkmIgKRlEv5kILFvKMMHLBnGscexkV8OZg1tgfkbL4
awRmjwoDVBaL8gNpQnVpZccyg+bUBme5ljKXJ+8FXmvRDiggo6bwr65oJSMoXenY
-----END CERTIFICATE-----
```

Service status:	http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/granted
	Following ex ante and active approval activities, in compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted a qualified status: - to the corresponding trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and - to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.
Status starting time:	2016-06-30T22:00:00.000Z (01 Jul 2016 00:00:00 CEST)
Service supply points:	http://crl1.netlock.hu/index.cgi?crl=gold
	http://crl2.netlock.hu/index.cgi?crl=gold
	http://crl3.netlock.hu/index.cgi?crl=gold

Service information extensions:	*Extension 1/1, non-critical:*
	<tsl:AdditionalServiceInformation xmlns:tsl="http://uri.etsi.org/02231/v2#"><tsl:URI xml:lang="en">http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/ForeSignatures </tsl:URI></tsl:AdditionalServiceInformation>
	Extension 1/1, non-critical:
	<tsl:AdditionalServiceInformation xmlns:tsl="http://uri.etsi.org/02231/v2#"><tsl:URI xml:lang="en">http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/ForeSignatures </tsl:URI></tsl:AdditionalServiceInformation>

2.6.3.1. NetLock Minősített Eat. (Class Q Legal) Tanúsítványkiadó

```
Provider: 6
 Service: 3
History: 1/1
```

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/QC

A qualified certificate issuing trust service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services, and under which are provided the relevant and related revocation and certificate validity status information services (e.g. CRLs, OCSP responses) in accordance with EU Directive 1999/93/EC or with Regulation (EU) No 910/2014 whichever is in force at the time of provision. This may also include generation and/or management of the associated private keys on behalf of the certified entity.

Service name: *English:* NetLock Minősített Eat. (Class Q Legal) Tanúsítványkiadó

Hungarian: NetLock Minősített Eat. (Class Q Legal) Tanúsítványkiadó

Service digital identity: *Subject key identifier:*

64 AF 81 8A 5C 30 B8 57 65 DA 5D A5 3D 58 6E 47 62 42 34 AB

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2009-07-31T10:51:20.000Z (31 Jul 2009 12:51:20 CEST)

2.6.4. NetLock Minősített Közigazgatási (Class Q) Tanúsítványkiadó

Provider: 6
Service: 4

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/QC

A qualified certificate issuing trust service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services, and under which are provided the relevant and related revocation and certificate validity status information services (e.g. CRLs, OCSP responses) in accordance with EU Directive 1999/93/EC or with Regulation (EU) No 910/2014 whichever is in force at the time of provision. This may also include generation and/or management of the associated private keys on behalf of the certified entity.

Service name:

English: NetLock Minősített Közigazgatási (Class Q) Tanúsítványkiadó

Hungarian: NetLock Minősített Közigazgatási (Class Q) Tanúsítványkiadó

Service digital identity: *Subject key identifier:*

D4 92 31 4D 32 8B A9 51 09 12 89 53 6B 72 EA AF 19 B4 AC 6D

Service digital identity: *Version:*

3

Serial number:

1 132 238 033 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@netlock.hu,CN=NetLock Minősített Közigazgatási (Class Q) Tanúsítványkiadó,O=NetLock Kft.,L=Budapest,C=HU

Issuer:

CN=KGYHSZ (Public Administration Root CA - Hungary),C=hu

Subject key identifier:

D4 92 31 4D 32 8B A9 51 09 12 89 53 6B 72 EA AF 19 B4 AC 6D

Authority key identifier:

FC 9C E6 C6 B0 0A EA 1F D7 FA 7E 2E 20 05 68 5C 07 4A C2 E2

Valid from:

2011-02-16T09:49:09.000Z   (16 Feb 2011 10:49:09 CET)

Valid to:

2021-02-16T10:19:09.000Z   (16 Feb 2021 11:19:09 CET)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = 0

Thumbprint:

SHA-1:

31:C0:7C:A9:5B:DD:9A:06:1A:F4:9A:39:41:2F:95:5F:71:A4:1D:49

SHA-256:

EB:A2:27:84:D2:09:02:A9:F9:AF:3F:64:0D:14:88:9A:53:D7:F3:C4:B5:B0:69:70:16:B8:D7:49:AD:E9:7F:3E

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100E4774F76F80CBBB5DC7E848D8831F8F8EDDB43411A463AAF1340FC96E943116480C34D83A52E
30A8B07E6F653CF6CCEF117C61FB3B56F796B1607EE07FFB78E0E2F265B49090C4CC5A5317553913D413583D9BAE24
F4B9FF1FA10E2FA840DE6F09D5534CD08F471253713440E4BECB326867A5A8BF9635386EE033F9A60D26F243E068E0
0EEA06DDA11E59EBE088CF5C4ADA6CA14AC2462DB15137154741C7EDE93F21A1384D6FD9F34DC07EC0C58D73B7C7B9
7BF5B196D919362FEED4E64501F715F0534C0DDAD400DE8FBBDF7804A4CAB841ABA42B9A21944F2445C6835DC66752
4CA10F2670F03042034F07D03B6849F38499248DD7C61DB9523E54E17BC1020300948B

Certificate policies:

0.2.216.1.100.42.1.200.2

cPSuri = http://cp.kgyhsz.gov.hu

userNotice = A hitelesítés-szolgáltató egyaránt jogosult közigazgatási felhasználásra szolgáló, hivatali aláíráshoz és ügyfél által használt aláíráshoz kapcsolódó tanúsítványok kibocsátására. Minden felelősség kizárva a hitelesítési rendben foglaltak szerint.

CRL distribution points:

http://crl.kgyhsz.gov.hu/KGYHSZ_CA_20091210.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIGZDCCBUygAwIBAgIEQ3yU0TANBgkqhkiG9w0BAQsFADBIMQswCQYDVQQGEwJodTE5MDcGA1UE
AwwwS0dZSFNaIChQdWJsaWMgQWRtaW5pc3RyYXRpb24gUm9vdCBDQSAtIEh1bmdhcnkpMB4XDTEx
MDIxNjA5NDkwOVoXDTIxMDIxNjExMTkwOVowgaUxCzAJBgNVBAYTAkhVMREwDwYDVQQHDAhCdWRh
cGVzdDEVMBMGA1UECgwMTmV0TG9jayBLZnQuMUwwSgYDVQQDDENOZXRMb2NrIE1pbswWRc80tdGV0
dCBLw7Z6aWdhemdhdMOhc2kgKENsYXNzIFFEpIFRhbsO6c8OtdHbDoW55a2lhZMOzMR4wHAYJKoZI
hvcNAQkBFg9pbmZvQG5ldGxvY2suaHUwggEiMA0GCSqGSIb3DQEBAQUAA4IBDwAwggEKAoIBAQDk
d092+Ay7tdx+hI2IMfj47dtDQRpGOq8TQPyW6UMRZIDDTY0lLjCosH5vZTz2zO8RfGH7O1b3lrFg
fuB/+3jg4vJltJCQxMxaUxdVORPUE1g9m64k9Ln/H6EOL6hA3m8J1VNM0I9HElNxNEDkvssyaGel
qL+WNThu4DP5pg0m8kPga0AO6gbdoR5Z6+CIz1xK2myhSsJGLbFRNxVHQcft6T8hoThNb9nzTcB+
wMWNc7fHuXv1sZbZGTYv7tTmRQH3FfBTTA3a1ADej7vfeASkyrhBq6QrmiGUTyRFxoNdxmdSTKEP
JnDwMEIDTwfQO2hJ84SZJI3Xxh25Uj5U4XvBAgMA1IujggL2MIIC8jAOBgNVHQ8BAf8EBAMCAQYw
EgYDVR0TAQH/BAgwBgEB/wIBADCCAkgGA1UdIASCAj8wggI7MIICNwYKAoFYAWQqAYFIAjCCAicw
IwYIKwYBBQUHAgEWF2h0dHA6Ly9jcC5rZ3lzoc3ouZ292Lmh1MIIB/gYIKwYBBQUHAgIwggHwHoIB
7ABBACAAaABpAHQAZQBsAGUAcwDtAHQA6QBzAC0AcwB6AG8AbABnAOEAbAB0AGEAdADzACAAZQBn
AHkAYQByAOEAbgB0ACAAagBvAGcAbwBzAHUAbAB0ACAAawD2AHoAaQBnAGEAegBnAGEAdADhAHMA
aQAgAGYAZQBsAGgAYQBzAHoAbgBhAGwAA4QBzAHIAYQAgAHMAegBvAGwAZwOhAGwA0AAwAsACAAaABp
AHYAYQB0AGEAbABpACAAYQBsAOEA7QByAOEAcwBoAG8AegAgAOkAcwAgAPAAZwB5AGYA6QBsACAA
4QBsAHQAYQBsACAAaABhAHMAegBuAOEAbAB0ACAAYQBsAOEA7QByAOEAcwBoAG8AegAgAGsAYQBw
AGMAcwBvAGwAOdwBkAPMAIAB0AGEAbgD6AHYA4QBuAHkAbwBrACAAawBpAGIAbwBjAHMA4AB0AHMA
4QB0AOEAcwDhAHIAYQAuACAATQBpAG4AZAB1AG4AIABmAGUAbABBLAGwBUQBzAHMA6QBnACAAawBp
AHoA4QByAHYAYQAgAGEAIABoAGkAdAB1AGwAZQBzAO0AdADpAHMAaQAgAHIAZQBuAGQAYgB1AG4A
IABmAG8AZwBsAGEAbAB0AGEAawAgAHMAegB1AHIAaQBuAHQAL jBABgNVHR8EOTA3MDWgM6Axhi9o
dHRwOi8vY3JsLmtneWhzei5nb3YuaHUvS0dZSFNaX0NBXzIwMDkxMjEwLmNybDAfBgNVHSMEGDAW
gBT8nObGsArqH9f6fi4gBWhcB0rC4jAdBgNVHQ4EFgQU1JIxTTKLqVEJEolTa3Lqrxm0rG0wDQYJ
KoZIhvcNAQELBQADggEBAA/69gLD7D3rI/kX4Vxx15I8P3Cez5Sf17XiNll0ZXKij6Hy9YOJsz0R
oeSC+za/7N4hgl2W7yK0KPQAFhqc9OeiHw2r7v3XTw9HNYjcC0VcQav4DLASChc9Q9A9YMmLukBU
nnZt/xAqKyw2IAIsGh89EYEg/2shwX1rS6xmRvia0QyraQyZbS/TE6SQFRIqib9X+OrtOcz/Jrao
tERPTjh7isQ0eADeJPlCIMnFPzbToSJgF0vBlytmNQNuYcS/G5NdgQlBjReiz8gT4LHH5fcxHqHO
tfjI+EMPUKgEaCqmB1SgUd1yzaIZ/Cl/3hX2Y9KbeA5AE9rFGQm9ZCS4V2M=
-----END CERTIFICATE-----

Service status:	http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/granted

Following ex ante and active approval activities, in compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted a qualified status: - to the corresponding trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and - to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time:	2016-06-30T22:00:00.000Z (01 Jul 2016 00:00:00 CEST)
Service supply points:	http://crl1.netlock.hu/index.cgi?crl=mkozig256
	http://crl2.netlock.hu/index.cgi?crl=mkozig256
	http://crl3.netlock.hu/index.cgi?crl=mkozig256

Service information
extensions:

<tsl:AdditionalServiceInformation
xmlns:tsl="http://uri.etsi.org/02231/v2#"><tsl:URI
xml:lang="en">http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/ForeSignatures
</tsl:URI></tsl:AdditionalServiceInformation>

Extension 1/1, non-critical:

<tsl:AdditionalServiceInformation
xmlns:tsl="http://uri.etsi.org/02231/v2#"><tsl:URI
xml:lang="en">http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/ForeSignatures
</tsl:URI></tsl:AdditionalServiceInformation>

2.6.4.1. NetLock Minősített Közigazgatási (Class Q) Tanúsítványkiadó

```
Provider: 6
 Service: 4
History: 1/1
```

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/QC

> *A qualified certificate issuing trust service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services, and under which are provided the relevant and related revocation and certificate validity status information services (e.g. CRLs, OCSP responses) in accordance with EU Directive 1999/93/EC or with Regulation (EU) No 910/2014 whichever is in force at the time of provision. This may also include generation and/or management of the associated private keys on behalf of the certified entity.*

Service name:

English: NetLock Minősített Közigazgatási (Class Q) Tanúsítványkiadó

Hungarian: NetLock Minősített Közigazgatási (Class Q) Tanúsítványkiadó

Service digital identity: *Subject key identifier:*

D4 92 31 4D 32 8B A9 51 09 12 89 53 6B 72 EA AF 19 B4 AC 6D

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2011-02-16T09:49:09.000Z   (16 Feb 2011 10:49:09 CET)

2.6.5. NetLock Minősített Eat. Spec. (Class Q Legal Spec.) Kiadó

Provider: 6
Service: 5

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/QC

A qualified certificate issuing trust service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services, and under which are provided the relevant and related revocation and certificate validity status information services (e.g. CRLs, OCSP responses) in accordance with EU Directive 1999/93/EC or with Regulation (EU) No 910/2014 whichever is in force at the time of provision. This may also include generation and/or management of the associated private keys on behalf of the certified entity.

Service name:

English: NetLock Minősített Eat. Spec. (Class Q Legal Spec.) Kiadó

Hungarian: NetLock Minősített Eat. Spec. (Class Q Legal Spec.) Kiadó

Service digital identity: *Subject key identifier:*

25 6A 74 5B 55 2B BA 7F 6F AB 1E 8B 28 D8 E8 E8 5B BE AD C2

Service digital identity: *Version:*

3

Serial number:

80 544 274 841 638 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

CN=NetLock Minősített Eat. Spec. (Class Q Legal Spec.) Kiadó,OU=Tanúsítványkiadók (Certification Services),O=NetLock Kft.,L=Budapest,C=HU

Issuer:

CN=NetLock Arany (Class Gold) Főtanúsítvány,OU=Tanúsítványkiadók (Certification Services),O=NetLock Kft.,L=Budapest,C=HU

Subject key identifier:

25 6A 74 5B 55 2B BA 7F 6F AB 1E 8B 28 D8 E8 E8 5B BE AD C2

Authority key identifier:

CC FA 67 93 F0 B6 B8 D0 A5 C0 1E F3 53 FD 8C 53 DF 83 D7 96

Valid from:

2012-08-07T15:17:48.000Z   (07 Aug 2012 17:17:48 CEST)

Valid to:

2027-10-23T15:17:48.000Z   (23 Oct 2027 17:17:48 CEST)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = 4

Thumbprint:

SHA-1:

AE:91:18:8C:55:CF:29:5B:57:7F:AA:21:DB:55:25:06:FB:70:26:DA

SHA-256:

A5:F2:FD:0D:66:DB:4D:D7:7A:29:14:ED:3C:74:7C:BD:97:E7:34:CF:4E:2B:6F:21:7F:B4:1A:A4:EA:FD:EA:D2

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100E619500A79982F6C966DCB71CB4F2FC058B1B4B107C4F7126725EAF0D1C086EB644B8D8C63A1
B9C2BFE3A2B95ECEB171615EC22C89E4783ED0F8D3621D9B42F3A653A178EEAAE511F19D7D806BAC8DC0E4B163D272
124A6952AB61FB46FD7BA493E05C019702190CD977F7CD57C0EA0024E724BCE50973B9BF40BA2B0D551962CB301853
241016397096C7CB9A83C3023EC64F9AFD5CC8A574B657BF8ED97C1DA1E18BBAF2F33C1201E24BAA22EA883AA15DF6
F50E2C7644DB9BFA23C9D304659788D66B2B03187FC134488FE4BFBE0435CC609CD55BB56BFB46AA1862E01A3E7E4A
2CC77ED0ACDF1F2297AAB42361A15A9ADE1F0DF5C77C70324939EAB6F7F1020300B167

Certificate policies:

not present

CRL distribution points:

http://crl1.netlock.hu/index.cgi?crl=gold

http://crl2.netlock.hu/index.cgi?crl=gold

http://crl3.netlock.hu/index.cgi?crl=gold

PEM format:

-----BEGIN CERTIFICATE-----
MIIGLTCCBRWgAwIBAgIGSUEs5AAmMA0GCSqGSIb3DQEBCwUAMIGnMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFTATBgNVBAoMDE5ldExvY2sgS2Z0LjE3MDUGA1UECwwuVGFuw7pzw610
ds0hbnlraWFkw7NrIChDZXJ0aWZpY2F0aW9uIFNlcnZpY2VzKTE1MDMGA1UEAwwsTmV0TG9jayBB
cmFueSAoQ2xhc3MgR29sZCkgRsWRdGFuw7pzw610ds0hbnkwHhcNMTIwODA3MTUxNzQ4WhcNMjcx
MDIzMTUxNzQ4WjCBtzELMAkGA1UEBhMCSFUxETAPBgNVBAcMCEJ1ZGFwZXN0MRUwEwYDVQQKDAxO
ZXRMb2NrIEtmdC4xNzA1BgNVBAsMLlRhbsO6c8OtdHbDoW55a2lhZMOzayAoQ2VydGlmaWNhdGlv
biBTZXJ2aWNlcykxRTBDBgNVBAMMPE5ldExvY2sgTWluxZFzw610ZXR0IEVhdC4gU3BlYy4gKENs
YXNzIFEgTGVnYWwgU3BlY4pIEtpYWTDsz CCASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEB
AOYZUAp5mC9slm3LcctPL8BYsbSxB8T3Emcl6vDRwIbrZEuNjGOhucK/46K5Xs6xcWFewiyJ5Hg+
0PjTYh2bQvOmU6F47qrlEfGdfYBrrI3A5LFj0nISSmlSq2H7Rv17pJPgXAGXAhkM2Xf3zVfA6gAk
5yS85Qlzub9AuisNVRliyzAYUyQQFjlwlsfLmoPDAj7GT5r9XMildLZXv47ZfB2h4Yu68vM8EgHi
S6oi6og6oV329Q4sdkTbm/ojydMEZZeI1msrAxh/wTRIj+S/vgQlzGCc1Vu1a/tGqhhi4Bo+fkos
x37QrN8fIpeqtCNhoVqa3h8N9cd8cDJJOeq29/ECAwCxZ6OCAkswggJHMBIGA1UdEwEB/wQIMAYB
Af8CAQQwDgYDVR0PAQH/BAQDAgEGMB8GA1UdIwQYMBaAFMz6Z5PwtrjQpcAe81P9jFPfg9eWMB0G
A1UdDgQWBBQlanRbVSu6f2+rHoso2OjoW76twjCCAT4GCCsGAQUFBwEBBIIBMDCCASwwLAYIKwYB
BQUHMAGGIGh0dHA6Ly9vY3NwWMS5uZXRsb2NrLmh1L2dvbGQuY2dpMCwGCCsGAQUFBzABhiBodHRw
Oi8vb2NzcDIubmV0bG9jay5odS9nb2xkLmNnaTAsBggrBgEFBQcwAYYgaHR0cDovL29jc3AzLm5l
dGxvY2suaHVZ29zZC5jZ2kwNAYIKwYBBQUHMAKGKGh0dHA6Ly9haWExLm5ldGxvY2suaHUvaW5k
ZXguY2dpP2dpP2NhPWdvbGQwNAYIKwYBBQUHMAKGKGh0dHA6Ly9haWEyLm5ldGxvY2suaHUvaW5kZXgu
Y2dpP2NhPWdvbGQwNAYIKwYBBQUHMAKGKGh0dHA6Ly9haWEzLm5ldGxvY2suaHUvaW5kZXguY2dpP2dp
P2NhPWdvbGQwgZ4GA1UdHwSBljCBkzAvoC2gK4YpaHR0cDovL2NybDEubmV0bG9jay5odS9pbmRl
eC5jZ2k/Y3JsPWdvbGQwL6AtoCuGKWh0dHA6Ly9jcmwyLm5ldGxvY2suaHUvaW5kZXguY2dpP2Ny
bD1nb2xkMC+gLaArhilodHRwOi8vY3JsMy5uZXRsb2NrLmh1L2luZGV4LmNnaT9jcmw9Z29sZDAN
BgkqhkiG9w0BAQsFAAOCAQEAgk0055TzV0LLTjbYUgY+iNPubfJI06LNsbXWWpfiRrg04lb4QpQ/
zBelr+F8/MFyhqpmg2U9piKbjSuGSGFF5Ecx9kEEFovsXnpaqwTCuPtjyMyPVSE9q93Wcm/r+gCY
Ii7eyaEAnZSBRFOOpCKY92Qn6CLdvQXCUUFiAWKsf7oO4sGWadETaUbd8CEHIxU0wa0p/sPnBXHo
uhG1ro/+iVdpyhA9aDhIN+QKYn31bTgfBZKw717aFhNY7DFQDKSDZuCH6gsVW0CaS0yW9rwwGnRf
1DnMVceB1Yu0oc8/0QlCOdJcY0jpcS7I0Wms2gUbwfxBOssyn/3CI/tVeDUryg==
-----END CERTIFICATE-----

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/granted

Following ex ante and active approval activities, in compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted a qualified status: - to the corresponding trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and - to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: http://crl1.netlock.hu/index.cgi?crl=cqlsca

http://crl2.netlock.hu/index.cgi?crl=cqlsca

http://crl3.netlock.hu/index.cgi?crl=cqlsca

Service information extensions:	*Extension 1/2, non-critical:*

<tsl:AdditionalServiceInformation
xmlns:tsl="http://uri.etsi.org/02231/v2#"><tsl:URI
xml:lang="en">http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/ForeSignatures
</tsl:URI></tsl:AdditionalServiceInformation>

Extension 2/2, critical:

Qualifier:

http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/NotQualified

> *It is ensured by the CSP, and supervised by the Member State Supervisory Body that all certificates issued under the service identified in 'Service digital identity' (clause 5.5.3) and further identified by the filters information used to further identify under the 'Sdi' identified trust service that precise set of certificates are not to be considered as qualified certificates.*
> *This value shall not be used if the service type is not http://uri.etsi.org/TrstSvc/Svctype/CA/QC.*

CriteriaList assert="atLeastOne":

Policy Set:

Identifier: urn:oid:1.3.6.1.4.1.48016.3.2.3.2.2
Identifier: urn:oid:1.3.6.1.4.1.48016.3.2.2.2.2
Identifier: urn:oid:1.3.6.1.4.1.48016.3.2.1.2.2

2.6.5.1. NetLock Minősített Eat. Spec. (Class Q Legal Spec.) Kiadó

```
Provider: 6
Service: 5
History: 1/1
```

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/QC

A qualified certificate issuing trust service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services, and under which are provided the relevant and related revocation and certificate validity status information services (e.g. CRLs, OCSP responses) in accordance with EU Directive 1999/93/EC or with Regulation (EU) No 910/2014 whichever is in force at the time of provision. This may also include generation and/or management of the associated private keys on behalf of the certified entity.

Service name:

English: NetLock Minősített Eat. Spec. (Class Q Legal Spec.) Kiadó

Hungarian: NetLock Minősített Eat. Spec. (Class Q Legal Spec.) Kiadó

Service digital identity: *Subject key identifier:*

25 6A 74 5B 55 2B BA 7F 6F AB 1E 8B 28 D8 E8 E8 5B BE AD C2

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2012-08-07T15:17:48.000Z   (07 Aug 2012 17:17:48 CEST)

2.6.6. NetLock Expressz (Class C) Tanusitvanykiado

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.

Service name:

English: NetLock Expressz (Class C) Tanusitvanykiado

Hungarian: NetLock Expressz (Class C) Tanusitvanykiado

Service digital identity:

Version:

3

Serial number:

104 (decimal)

Signature algorithm:

MD5withRSA (1.2.840.113549.1.1.4)

Subject:

CN=NetLock Expressz (Class C) Tanusitvanykiado,OU=Tanusitvanykiadok,O=NetLock Halozatbiztonsagi Kft.,L=Budapest,C=HU

Issuer:

CN=NetLock Expressz (Class C) Tanusitvanykiado,OU=Tanusitvanykiadok,O=NetLock Halozatbiztonsagi Kft.,L=Budapest,C=HU

Subject key identifier:

not present

Authority key identifier:

not present

Valid from:

1999-02-25T14:08:11.000Z   (25 Feb 1999 15:08:11 CET)

Valid to:

2019-02-20T14:08:11.000Z   (20 Feb 2019 15:08:11 CET)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = 4

Thumbprint:

SHA-1:

E3:92:51:2F:0A:CF:F5:05:DF:F6:DE:06:7F:75:37:E1:65:EA:57:4B

SHA-256:

0B:5E:ED:4E:84:64:03:CF:55:E0:65:84:84:40:ED:2A:82:75:8B:F5:B9:AA:1F:25:3D:46:13:CF:A0:80:FF:3F

Public key:

Algorithm, key length:

RSA, 1024

Key value:

30818902818100EBECB06C618A2325AF6020E3D99FFC930BDB5D8DB0A1B3403A82CEFD75E0783203865A869591ED53
FA9D40FCE6E8DDD95B7A03BD5DF33B0CC351799BAD55A0E9D00310AF0ABA1442D952261122C7D220CC82A49AA9FEB8
81769D6AB7D236753EB18609F66E6D7E4EB77AECAE7184F60433082532EB74AC1644C6E440931D7FAD0203010001

Certificate policies:

not present

CRL distribution points:

not present

PEM format:

-----BEGIN CERTIFICATE-----
MIIFTzCCBLigAwIBAgIBaDANBgkqhkiG9w0BAQQFADCBmzELMAkGA1UEBhMCSFUxETAPBgNVBAcT
CEJlZGFwZXN0MScwJQYDVQQKEx5OZXRMb2NrIEhhbG96YXRiaXp0b25zYWdpIEtmdC4xGjAYBgNV
BAsTEVRhbnVzaXR2YW55a2G9rMTQwMgYDVQQDEytOZXRMb2NrIEV4cHJlc3N6IChDbDBFczyBD
KSBUYW51c2l0dmFueWtpYWRvVMB4XDTk5MDIyNTE0MDgxMVoXDTE5MDIyMDE0MDgxMVowgZsxCzAJ
BgNVBAYTAkhVMREwDwYDVQQHEwhCdWRhcGVzdDEnMCUGA1UEChMeTmV0TG9jayBIYWxvemF0Yml6
dG9uc2FnaSBLZnQuMRowGAYDVQQLExFUYW51c2l0dmFueWtpYWRvazE0MDIGA1UEAxMrTmV0TG9j
ayBFeHByZXNzeiAoQ2xhc3MgQykgVGFudXNpdHZhbnlraWFkbzBBkqhkiG9w0BAQEFAAOB
jQAwgYkCgYEA6+ywbGGKIyWvYCDj2Z/8kwvbXY2wobNAOoLO/XXgeDIDhlqGlZHtU/qdQPzm6N3Z
W3oDvV3zOwzDUXmbrVWg6dADEK8KuhRC2VImESLH0iDMgqSaqf64gXadarfSNnU+sYYJ9m5tfk63
euyucYT2BDMIJTLrdKwWRMbkQJMdf60CAwEAAaOCApBwggKbMBIGA1UdEwEB/wQIMAYBAf8CAQQw
DgYDVR0PAQH/BAQDAgAGMBEGCWCGSAGG+EIBAQQEAwIABzCCAmAGCWCGSAGG+EIBDQSCAlEWggJN
RklHWUVMRU0hIEV6ZW4gdGFudXNpdHZhbnkgYSB0ZXRMb2NrIEtmdC4gQWx0YWxhbm9zIFN6b2xn
YWx0YXRhc2kgRmVsdGV0ZWxlaWJlbiBsZWlydCBlbGphcmFzb2sgYWxhcGphbiBrZXN6dWx0LiBB
IGhpdGVlsZXNpddGVzIGZvbHlhbWF0YXQgYSB0ZXRMb2NrIEtmdC4gdGVybWVrZmVsZWxvc3NlZy1i
aXp0b3NpdGGFzYSB2ZWRpLiBBIGRpZ2l0YWxpcyBhbGFpcmmFzIGVsZm9nYWRhc2FuYWsgZmVsdGV0
ZWxlIGF6IGIVsb2lydCBlbGxlbm9yemVzaSBlbGphcmmFzIGllZ3RldGGVsZS4gQXogZWxqYXJhcyYBs
ZWlyYXNhIG1lLZ3RhbGFsaGF0byBhIElE1dExvY2sgSZZ0LiBJbnRlcm5ldDBob25sYXBqYW4gYSBo
dHRwczovL3d3dy5uZXRsb2NrLm5ldC9kb2NzIGNpbWVuIHZhZ3kga2VyaGV0byBheiBlbGxlbm9y
emVzQG5ldGxvY2submV0IGUtbWFpbCBjaW1lbi4gSU1QT1JUQU5UISBUaGUgaXNzdWFuY2UgYW5k
IHRoZSB1c2Ugb2YgdGhpcyBjZXJ0aWZpY2F0ZSBpcyBzdWJqZWN0IHRvIHRoZSB0ZXRMb2NrIENQ
UyBhdmFpbGFibGUgYXQgaHR0cHM6Ly93d3cubmV0bG9jay5uZXQvZG9jcyBvciBieSBlbWW1haWwg
YXQgY3BzQG5ldGxvY2submV0V0LjANBgkqhkiG9w0BAQQFAAOBgQAQrX/XDDKACtiG8XmYta3UzbM2
xJZIwVzNmtkFLp++UOv0JhQQLdRmF/iewSf98e3ke0ugbLWrmldwpu2gpO0u9f38vf5NNwgMvOOW
gyLlSRt/Syu0VMGAfJlOHdCM7tCs5ZL6dVb+ZKATj7i4Fp1hBWeAyNDYpQcCNJgEjTME1A==
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/recognisedatnationallevel

For trust services listed under a service type specified in clause 5.5.1.2: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved" status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in Regulation (EU) No 910/2014 and the applicable national legislation.
For NationalRootCA-QC type: The service is set by national law in accordance with the applicable European legislation and operated by the responsible national body issuing root-signing or qualified certificates to accredited trust service providers.
For other trust services listed under a service type specified in clause 5.5.1.3: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved"status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in the applicable national legislation.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: http://crl1.netlock.hu/index.cgi?raw&crl=expressz

2.6.6.1. NetLock Expressz (Class C) Tanusitvanykiado

Provider: 6
Service: 6
History: 1/1

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.

Service name:

English: NetLock Expressz (Class C) Tanusitvanykiado

Hungarian: NetLock Expressz (Class C) Tanusitvanykiado

Service digital identity: *Subject key identifier:*

B2 85 47 BC 28 1F 1D BB CD 58 E4 B8 4B 44 0C 25 B2 95 2E 9D

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 1999-02-25T14:08:11.000Z   (25 Feb 1999 15:08:11 CET)

2.6.7. Online SSL Hitelesítő Alegység (Online SSL CA)

<div align="right">
Provider: 6
Service: 7
</div>

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.

Service name:

English: Online SSL Hitelesítő Alegység (Online SSL CA)

Hungarian: Online SSL Hitelesítő Alegység (Online SSL CA)

Service digital identity: *Subject key identifier:*

D6 BC 8C 7D A5 85 AD FB CE 9F DA B3 CE C2 15 E0 4B F7 DB 0F

Service digital identity: *Version:*

3

Serial number:

7 119 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

CN=Online SSL Hitelesítő Alegység (Online SSL CA),OU=Tanúsítványkiadók (Certification Services),O=NetLock Kft.,L=Debrecen,C=HU

Issuer:

CN=NetLock Expressz (Class C) Tanusitvanykiado,OU=Tanusitvanykiadok,O=NetLock Halozatbiztonsagi Kft.,L=Budapest,C=HU

Subject key identifier:

D6 BC 8C 7D A5 85 AD FB CE 9F DA B3 CE C2 15 E0 4B F7 DB 0F

Authority key identifier:

not present

Valid from:

2009-06-30T11:04:46.000Z   (30 Jun 2009 13:04:46 CEST)

Valid to:

2014-06-29T11:04:46.000Z   (29 Jun 2014 13:04:46 CEST)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = 0

Thumbprint:

SHA-1:

78:3C:7C:34:35:95:6D:3F:EB:5A:7C:DF:53:47:0F:11:30:AE:A9:41

SHA-256:

A4:C4:63:FA:A1:6C:C4:70:A8:29:B0:58:05:8F:1E:3D:FA:8B:83:97:97:B3:86:18:19:F7:58:07:CA:F1:F0:2C

Public key:

Algorithm, key length:

RSA, 1024

Key value:

30818902818100C8D12F6EB15FF7C2E0B86116701423BF059247CE337856DA2FED8ECD18563BC478B86D19CEFA6AE8
F85DA581577A9417F87142ED422CA02CE89FF9AABABCA8C540A5E12EC5E5C0EB78E22422F32CF6DCF899DD7622E223
F65852EDE4C2A061937BD8DF1D942B3DEF6F12F1B2BBBCB91066AB044AC16359EB9639AB843BC131F9020300C695

Certificate policies:

not present

CRL distribution points:

http://crl1.netlock.hu/index.cgi?crl=expressz

http://crl2.netlock.hu/index.cgi?crl=expressz

http://crl3.netlock.hu/index.cgi?crl=expressz

PEM format:

```
-----BEGIN CERTIFICATE-----
MIIFBDCCBG2gAwIBAgICG88wDQYJKoZIhvcNAQEFBQAwgZsxCzAJBgNVBAYTAkhVMREwDwYDVQQH
EwhCdWRhcGVzdDEnMCUGA1UEChMeTmV0TG9jay5qBIYWxvemF0Yml6dG9uc2FnaSBLZnQuMRowGAYD
VQQLExFUYW51c2l0dmFueWtpYWRvazE0MDIGA1UEAxMrTmV0TG9jayBFeHByZXNzeiAoQ2xhc3Mg
QykgVGFudXNpdHZhbnlraWFkbzAeFw0w0TA2MzAxMTA0NDZaFw0xNDA2MjkxMTA0NDZaMIGsMQsw
CQYDVQQGEwJIVTERMA8GA1UEBwwIRGVicmVjZW4xFTATBgNVBAoMDE5ldExvY2sgZ2F0LjE3MDUG
A1UECwwuVGFuw7pzw6l0dsOhbnlraWFkw7NrIChDZXJ0aWZpY2F0aW9uIFNlcnZpY2VzKTE6MDgG
A1UEAwwxT25saW5lIFNTTCCBIaXRlbGVzw6l0xZEgQWxlZ3lzw6lnIChPbmxpbmUgU1NMIENBKTCB
nzANBgkqhkiG9w0BAQEFAAOBjQAwgYkCgYEAyNEvbrFf98LguGEWcBQjvwWSR84zeFbaL+2OzRhW
O8R4uG0Zzvpq6PhdpYFXepQX+HFC7UIsoCzon/mquryoxUCl4S7F5cDreOIkIvMs9tz4md12IuIj
9lhS7eTCoGGTe9jfHZQrPe9vEvGyu7y5EGarBErBY1nrljmrhDvBMfkCAwOGlaOCAkIwggI+MBIG
A1UdEwEB/wQIMAYBAf8CAQAwDgYDVR0PAQH/BAQDAgEGMB0GA1UdDgQWBBTWvIx9pYWt+86f2rPO
whXgS/fbDzCCAUoGCCsGAQUFBwEBBIIBPDCCATgwLAYIKwYBBQUHMAGGIGh0dHA6Ly9vY3NwLmV0c2lu
ZXRsb2NrLmh1L29jc3AuY2dpMCwGCCsGAQUFBzABhiBodHRwOi8vb2NzcDIubmV0bG9jay5odS9v
Y3NwLmNnaTAsBggrBgEFBQcwAYYgaHR0cDovL29jc3AzLm5ldGxvY2suaHUvb2NzcC5jZ2kwOAYI
KwYBBQUHMAKGLGh0dHA6Ly9haWExLm5ldGxvY2suaHUvaW5kZXguY2dpP2NhPW9jc2luZzNldGxv
Y2swcmVzcB4EFBQcwAYYgaHR0cDovL29jc3AuZm5ldExmb1WUvmHUvaW5kZXguY2dpP2NhPW9jc2lu
ZXB0cm1IGh0dHA6Ly9haWEyLm5ldExvY2suaHUvaW5kZXguY2dpP2NhPW9jc2luZzNldExvY2sw 
cmVzcB4EFBQcwAYYgaHR0cDovL29jc3AuZm5ldExmb1WUvMHUvaW5kZXguY2dpP2NhPW9jc2luZzNl
dExvY2swcmVzcB4EFBQcwAYYgaHR0cDovL29jc3AuZm5ldExmb1WUvmHUvaW5kZXguY2dpP2NhPW9j
c2luZzNldExvY2swcmVzcB4EFBQcwAYYgaHR0cDovL29jc3AuZm5ldExmb1WUvmHUvaW5kZXguY2dp
Y3NwLmNnaTA5MEkwnQRpOrtfU47fO79h4fd6A4Y558NWR2AtWcCWi3mf0wqvcjskIEHUS7E6niIWTAb
2JpR8bUjL84hLC6k8gYEQ7t7TH3xkWPmAIWsKlRfj0Telg==
-----END CERTIFICATE-----
```

Service status:	http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/deprecatedatnationallevel
Status starting time:	2016-06-30T22:00:00.000Z (01 Jul 2016 00:00:00 CEST)
Service supply points:	http://crl1.netlock.hu/index.cgi?crl=olsslca1
	http://crl2.netlock.hu/index.cgi?crl=olsslca1
	http://crl3.netlock.hu/index.cgi?crl=olsslca1

2.6.7.1. Online SSL Hitelesítő Alegység (Online SSL CA)

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

> *A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.*

Service name:

English: Online SSL Hitelesítő Alegység (Online SSL CA)

Hungarian: Online SSL Hitelesítő Alegység (Online SSL CA)

Service digital identity: *Subject key identifier:*

D6 BC 8C 7D A5 85 AD FB CE 9F DA B3 CE C2 15 E0 4B F7 DB 0F

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/supervisionceased

> *The validity of the supervision assessment has lapsed without the service identified in "Service digital identity" (see clause 5.5.3) being re-assessed. The service is currently not under supervision any more from the date of the current status as the service is understood to have ceased operations. "Supervision Ceased" status shall be used when a TSP directly ceases its related services under supervision; it shall not be used when supervision has been revoked.*

Status starting time: 2014-06-30T22:00:00.000Z   (01 Jul 2014 00:00:00 CEST)

2.6.7.2. Online SSL Hitelesítő Alegység (Online SSL CA)

```
Provider: 6
 Service: 7
History: 2/2
```

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.

Service name:

English: Online SSL Hitelesítő Alegység (Online SSL CA)

Hungarian: Online SSL Hitelesítő Alegység (Online SSL CA)

Service digital identity: *Subject key identifier:*

D6 BC 8C 7D A5 85 AD FB CE 9F DA B3 CE C2 15 E0 4B F7 DB 0F

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2009-06-30T11:04:46.000Z   (30 Jun 2009 13:04:46 CEST)

2.6.8. NetLock (Class B) Közigazgatási Tanúsítványkiadó

Provider: 6
Service: 8

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.

Service name:

English: NetLock (Class B) Közigazgatási Tanúsítványkiadó

Hungarian: NetLock (Class B) Közigazgatási Tanúsítványkiadó

Service digital identity: *Subject key identifier:*

50 2C A6 C8 88 C3 8D 63 30 C7 30 35 44 F5 93 DD 66 5E 1B 90

Service digital identity: *Version:*

3

Serial number:

1 132 236 605 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

EMAILADDRESS=info@netlock.hu,CN=NetLock (Class B) Közigazgatási Tanúsítványkiadó,OU=Tanúsítványkiadók,O=NetLock Kft.,L=Budapest,C=HU

Issuer:

CN=KGYHSZ (Public Administration Root CA - Hungary),C=hu

Subject key identifier:

50 2C A6 C8 88 C3 8D 63 30 C7 30 35 44 F5 93 DD 66 5E 1B 90

Authority key identifier:

C4 1B 6F BF 5A 96 BB F8 3F CC 17 78 BF 0E 6B E4 B7 71 56 57

Valid from:

2006-12-08T12:09:04.000Z   (08 Dec 2006 13:09:04 CET)

Valid to:

2016-12-08T12:39:04.000Z   (08 Dec 2016 13:39:04 CET)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = 0

Thumbprint:

SHA-1:

25:AD:92:9F:6B:C2:43:58:EC:89:C8:88:C5:8F:93:51:46:A4:7F:CC

SHA-256:

32:C7:C6:AC:34:12:F4:F3:42:12:39:C9:E2:5B:AB:67:11:11:D7:1F:92:84:7E:EE:09:6E:2C:15:32:5A:F1:89

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100DB6E78A4B28BCE9CC60B48B940D3288833A4087A38F3A351ABCD1E5C0CB65410F22F51A551B3
78B5892CF183056587675A38EFEA1CCF2646C28A93B1CF874BCAB2B3ECF23ED56B66A176802812801037274D241F8B
F2EA6E82BD5E111DC2BA7F6F0DE3F2603F435216032B4F83CD6B45A6061810075FA3921E65BAAD2A54754D31B31FE7
8EE356E2BF475F22B1773160E843E367B7E1B38D1308A5850A0D899694DAEAB106D4E5F3A2D169AE19643793922FB3
CB6BFCBA054CCC083B71149EEB2DB77DE3AB7048B0E65B1437E7B142D99958EBA26E06B9855648F9418F9B79FEB00F
2D5D64DA5E90FA60F5AF954102381A5636C2C7153A9299645EC0F5AEAA2F0203009B9B

Certificate policies:

0.2.216.1.100.42.1.200.2

cPSuri = http://cp.kgyhsz.gov.hu

userNotice = A hitelesítés-szolgáltató egyaránt jogosult közigazgatási felhasználásra szolgáló, hivatali aláíráshoz és ügyfél által használt aláíráshoz kapcsolódó tanúsítványok kibocsátására. Minden felelősség kizárva a hitelesítési rendben foglaltak szerint.

CRL distribution points:

http://crl.kgyhsz.gov.hu/KGYHSZ_CA_20060719.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIGdzCCBV+gAwIBAgIEQ3yPPTANBgkqhkiG9w0BAQUFADBIMQswCQYDVQQGEwJodTE5MDcGA1UE
AwwwS0dZSFNaIChQdWJsaWMgQWRtaW5pc3RyYXRpb24gUm9vdCBDQSAtIEh1bmdhcnkpMB4XDTA2
MTIwODEyMDkwNFoXDTE2MTIwODEyMzkwNFowgbgxCzAJBgNVBAYTAkhVMREwDwYDVQQHDAhCdWRh
cGVzdDEVMBMGA1UECgwMTmV0TG9jayBLZnQuMR4wHAYDVQQLDBVUYW7DunPDrXR2w6FueWtpYWTD
s2sxPzA9BgNVBAMMNk5ldExvY2sgKENsYXNzIEIpIEvDtnppZ2F6Z2F0w6FzaSBUYW7DunPDrXR2
w6FueWtpYWTDszEeMBwGCSqGSIb3DQEJARYPaW5mb0BuZXRsb2NrLmh1MIIBIjANBgkqhkiG9w0B
AQEFAAOCAQ8AMIIBCgKCAQEA2254pLKLzpzGC0i5QNMoiDOkCHo486NRq80eXAy2VBDyL1GlUbN4
tYks8YMFZYdnWjjv6hzPJkbCip0xz4dLyrKz7PI+1WtmoXaAKBKAEDcnrSQfi/LqboK9XhEdwrp/
bw3j8mA/Q1IWAytPg81rRaYGGBAHX6OSHmW6rSpUdU0xsx/njuNW4r9HXyKxdzFg6EPjZ7fhs40T
CKWFCg2JlpTa6rEG1OXzotFprhlkN5OSL7PLa/y6BUzMCDtxFJ7rLbd946twSLDmWxQ357FC2ZlY
66JuBrmFVkj5QY+bef6wDy1dZNpekPpg9a+VQQI4GlY2wscVOpKZZF7A9a6qLwIDAJubo4IC9jCC
AvIwDgYDVR0PAQH/BAQDAgEGMBIGA1UdEwEB/wQIMAYBAf8CAQAwggJIBgNVHSAEggI/MIICozCC
AjcGCgKBWAFkKgGBSAIwggInMCMGCCsGAQUFBwIBFhdodHRwOi8vY3Aua2d5aHN6Lmdvdi5odTCC
Af4GCCsGAQUFBwICMIIB8B6CAewAQQAgAGgAaQB0AGUAbABlAHMA7QB0AOkAcwAtAHMAegBvAGwA
ZwDhAGwAdABhAHQA8wAgAGUAZwB5AGEAcgDhAG4AdAAgAGoAbwBnAG8AcwB1AGwAdAAgAGsA9gB6
AGkAZwBhAHoAZwBhAHQA4QBzAGkAIABmAGUAbABoAGEAcwB6AG4A4QBsAOEAcwByAGEAIABzAHoA
bwBsAGcA4QBsAPMALAAgAGgAaQB2AGEAdABhAGwAaQAgAGEAbADhAHA0AcgDhAHMAaABvAHoAIADp
AHMAIAD8AGcAeQBmAOkAbAAgAOEAbAB0AGEAbAAgAGgAYQByAHoAbgDhAGwAdAAgAGEAbADhAHA0A
cgDhAHMAaABvAHoAIABrAGEAcABjAHMAbwBsAPMAZADzACAAdABhAG4A+gBzAO0AdAB2AOEAbgB5
AG8AawAgAGsAaQBiAG8AYwBzAOEAdADhAHMA4QByAGEALgAgAE0AaQBuAGQAZQBuACAAZgBlAGwA
ZQBsAVEAcwBzAO0AZwAgAGsAaQB6AO0AcgB2AGEAIABhACAAaABpAHQAZQBsAGUAcwDtAHQA6QBz
AGkAIAByAGUAbgBkAGIAZQBuACAAZgBvAGcAbABhAGwAdABhAGsAIABzAHoAZQByAGkAbgB0AC4w
QAYDVR0fBDkwNzA1oDOgMYYvaHR0cDovL2NybC5rZ3loc3ouZ292Lmh1L0tHWUhTWl9DQV8yMDA2
MDcxOS5jcmwwHwYDVR0jBBgwFoAUxBtvv1qWu/g/zBd4vv5r5LdxVlcwHQYDVR0OBBYEFFAspsiI
w41jMMcwNUT1k91mXhuQMA0GCSqGSIb3DQEBBQUAA4IBAQBGkEbbp0RhlmIQG8gp0ClIRCz3tzis
IziP9Aw8C5V0ajQ3z6XJfN05olG6f6IBAeVnLZfcatQpbT1PaOvK5GPA4mJc4rVrX5LnEH3CQU90
HU+R6YyJ+N9+JrWuAtAv6ltAvc04gj56gIpyI6yiU4T8toQggb0+FNj06kTjwsd/1IjKIshX6G/e
VNAef/thcymOJL6F9ix91TViBm/qkVviwHUrJTkXk/V4rV4GhWYNaI6xEPqFDlsy427nJthYqaD+
X/x4b/TPQ01TVNRH1bJG90gNSjaL44f+eoCTK1PuAwx/H1+U7HbOsgovroVeYu9rDrgFJq6dXvaC
jJCkMtKs
-----END CERTIFICATE-----

Service status:	http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/recognisedatnationallevel

For trust services listed under a service type specified in clause 5.5.1.2: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved" status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in Regulation (EU) No 910/2014 and the applicable national legislation.
For NationalRootCA-QC type: The service is set by national law in accordance with the applicable European legislation and operated by the responsible national body issuing root-signing or qualified certificates to accredited trust service providers.
For other trust services listed under a service type specified in clause 5.5.1.3: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved"status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in the applicable national legislation.

Status starting time:	2016-06-30T22:00:00.000Z (01 Jul 2016 00:00:00 CEST)
Service supply points:	http://www.netlock.hu/index.cgi?raw&crl=bkozig

2.6.8.1. NetLock (Class B) Közigazgatási Tanúsítványkiadó

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

> *A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.*

Service name:

English: NetLock (Class B) Közigazgatási Tanúsítványkiadó

Hungarian: NetLock (Class B) Közigazgatási Tanúsítványkiadó

Service digital identity: *Subject key identifier:*

50 2C A6 C8 88 C3 8D 63 30 C7 30 35 44 F5 93 DD 66 5E 1B 90

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2006-12-08T12:09:04.000Z   (08 Dec 2006 13:09:04 CET)

2.6.9. NetLock Uzleti (Class B) Tanusitvanykiado

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

> *A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.*

Service name:

    English: NetLock Uzleti (Class B) Tanusitvanykiado

    Hungarian: NetLock Uzleti (Class B) Tanusitvanykiado

Service digital identity:

Version:

3

Serial number:

105 (decimal)

Signature algorithm:

MD5withRSA (1.2.840.113549.1.1.4)

Subject:

CN=NetLock Uzleti (Class B) Tanusitvanykiado,OU=Tanusitvanykiadok,O=NetLock Halozatbiztonsagi Kft.,L=Budapest,C=HU

Issuer:

CN=NetLock Uzleti (Class B) Tanusitvanykiado,OU=Tanusitvanykiadok,O=NetLock Halozatbiztonsagi Kft.,L=Budapest,C=HU

Subject key identifier:

not present

Authority key identifier:

not present

Valid from:

1999-02-25T14:10:22.000Z   (25 Feb 1999 15:10:22 CET)

Valid to:

2019-02-20T14:10:22.000Z   (20 Feb 2019 15:10:22 CET)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = 4

Thumbprint:

SHA-1:

87:9F:4B:EE:05:DF:98:58:3B:E3:60:D6:33:E7:0D:3F:FE:98:71:AF

SHA-256:

39:DF:7B:68:2B:7B:93:8F:84:71:54:81:CC:DE:8D:60:D8:F2:2E:C5:98:87:7D:0A:AA:C1:2B:59:18:2B:03:12

Public key:

Algorithm, key length:

RSA, 1024

Key value:

30818902818100B1EA04EC20A023C28F3860CFC746B3D51BFEFBB9999E04DC1C7F8C4A8198EEA4D4CA8A17B9227F83
0A754C9BC069D86439A3ED92A3FD5B5C741AC047CA3A69769ABAE24417FC4CA3D5FEB89788AF8803891FA4F2043EC8
070BE6F9B32F7A6214094614CA64F58B80B562A8D86BD671932DB3BF095458ED06EBA87BDC43B1A1690203010001

Certificate policies:

not present

CRL distribution points:

not present

PEM format:

-----BEGIN CERTIFICATE-----
MIIFSzCCBLSgAwIBAgIBaTANBgkqhkiG9w0BAQQFADCBmTELMAkGA1UEBhMCSFUxETAPBgNVBAcT
CEJ1ZGFwZXN0MScwJQYDVQQKEx5OZXRMb2NrIEhhbG96YXRiaXp0b25zYWdpIEtmdC4xGjAYBgNV
BAsTEVRhbnVzaXR2YW55a2lhZG9rMTIwMAYDVQQDEylOZXRMb2NrIFV6bGV0aSAoQ2xhc3MgQikg
VGFudXNpdHZhbnlraWFkbzAeFw05OTAyMjUxNDEwMjJaFw0x0TAyMjAxNDEwMjJaMIGZMQswCQYD
VQQGEwJIVTERMA8GA1UEBxMIQnVkYXBlc3QxJzAlBgNVBAoTHk5ldExvY2sgSGFsb3phdGJpenRv
bnNhZ2kgS2Z0LjEaMBgGA1UECxMRVGFudXNpdHZhbnlraWFkb2sxMjAwBgNVBAMTKU5ldExvY2sg
VXpsZXRpIChDbGFzcyBCKSBUYW51c2l0dmFueWtpYWRvMIGfMA0GCSqGSIb3DQEBAQUAA4GNADCB
iQKBgQCx6gTsIKAjwo84YM/HRrPVG/77uZmeBNwcf4xKgZjupNTKihe5In+DCnVMm8Bp2GQ5o+2S
o/1bXHQawEfKOml2mrriRBf8TKPV/riXiK+IA4kfpPIEPsgHC+b5sy96YhQJRhTKZPWLgLViqNhr
1nGTLbO/CVRY7QbrqHvcQ7GhaQIDAQABo4ICnzCCApswEgYDVR0TAQH/BAgwBgEB/wIBBDAOBgNV
HQ8BAf8EBAMCAAYwEQYJYIZIAYb4QgEBAQDAgAHMIICYAYJYIZIAYb4QgENBIICURaCAk1GSUdZ
RUxFTSEgRXplbiB0YW51c2l0dmFueSBhIE5ldExvY2sgS2Z0LiBBbHRhbGFub3MgU3pvbGdhbHRh
dGFzaSBGZWx0ZXRlbGVpYmVuIGxlaXJ0IGVsamFyYXNvayBhbGFwamFuIGtlc3p1bHQuIEEgaGl0
ZWxlc2l0ZXMgZm9seWFtYXRhdCBhIE5ldExvY2sgS2Z0LiB0ZXJtZWtmZWxlbG9zc2VnLWJpenRv
c2l0YXNhIHZlZGkuIEEgZGlnaXRhbGlzIGFsYWlyYXMgZWxmb2dhZGFzYW5hayBmZWx0ZXRlbGUg
YXogZWxvaXJ0IGVsbGVub3J6ZXNpIGVsamFyYXMgbWVndGV0ZWxlLiBBeiBlbGphcmFzIGxlaXJh
c2EgbWVndGFsYWxoYXRvIGVlZGgTmV0TG9jayBLZnQuIEludGGVybmV0IGhvbmxhcGphbiBhIGh0dHBz
Oi8vd3d3Lm5ldGxvY2submV0L2RvY3MgY2ltZW4gdmFneSBrZXJoZXRvIGF6IGVsbGVub3J6ZXNA
bmV0bG9jay5uZXQgZSltYWlsIGNpbWVuLiBJTVBPUlRBTlQhIFRoZSBpc3N1YW5jZSBhbmQgGhl
IHVzZSBvZiB0aGlzIGNlcnRpZmljYXRlIGlzIHN1YmplY3QgdG8gdGhlIE5ldExvY2sgQlBTIGF2
YWlsYWJsZSBhdCBodHRwczovL3d3dy5uZXRsb2NrLm5ldC9kb2NzIG9yIGJ5IGUtbWFpbCBhdCBj
cHNAbmV0bG9jay5uZXQuMA0GCSqGSIb3DQEBBAUAA4GBAATbrowXr/gOkDFOzT4JwG06sPgzTEdM
43WIEJessDgVkcYplswhwG08pXTP2IKlOcNl40JwuyKQ433bNXbhoLXan3BukxowOR0w2y7jfLKR
stE3Kfq5lhdcR0/jHTjrn9V7lagonhVK0dHQKwCXoOKSNitjrFgBazMpUIaD8QFI
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/recognisedatnationallevel

For trust services listed under a service type specified in clause 5.5.1.2: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved" status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in Regulation (EU) No 910/2014 and the applicable national legislation.
For NationalRootCA-QC type: The service is set by national law in accordance with the applicable European legislation and operated by the responsible national body issuing root-signing or qualified certificates to accredited trust service providers.
For other trust services listed under a service type specified in clause 5.5.1.3: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved"status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in the applicable national legislation.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: http://www.netlock.hu/index.cgi?raw&crl=uzleti

2.6.9.1. NetLock Uzleti (Class B) Tanusitvanykiado

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

> *A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.*

Service name:

English: NetLock Uzleti (Class B) Tanusitvanykiado

Hungarian: NetLock Uzleti (Class B) Tanusitvanykiado

Service digital identity: *Subject key identifier:*

BB 02 EF E4 A0 A6 E2 FC 86 50 EE B7 48 AA 9F 7A A5 86 A7 53

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 1999-02-25T14:10:22.000Z   (25 Feb 1999 15:10:22 CET)

2.6.10. NetLock Kozjegyzoi (Class A) Tanusitvanykiado

Provider: 6
Service: 10

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.

Service name:

English: NetLock Kozjegyzoi (Class A) Tanusitvanykiado

Hungarian: NetLock Kozjegyzoi (Class A) Tanusitvanykiado

Service digital identity:

Version:

3

Serial number:

259 (decimal)

Signature algorithm:

MD5withRSA (1.2.840.113549.1.1.4)

Subject:

CN=NetLock Kozjegyzoi (Class A) Tanusitvanykiado,OU=Tanusitvanykiadok,O=NetLock Halozatbiztonsagi Kft.,L=Budapest,ST=Hungary,C=HU

Issuer:

CN=NetLock Kozjegyzoi (Class A) Tanusitvanykiado,OU=Tanusitvanykiadok,O=NetLock Halozatbiztonsagi Kft.,L=Budapest,ST=Hungary,C=HU

Subject key identifier:

not present

Authority key identifier:

not present

Valid from:

1999-02-24T23:14:47.000Z   (25 Feb 1999 00:14:47 CET)

Valid to:

2019-02-19T23:14:47.000Z   (20 Feb 2019 00:14:47 CET)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = 4

Thumbprint:

SHA-1:

AC:ED:5F:65:53:FD:25:CE:01:5F:1F:7A:48:3B:6A:74:9F:61:78:C6

SHA-256:

7F:12:CD:5F:7E:5E:29:0E:C7:D8:51:79:D5:B7:2C:20:A5:BE:75:08:FF:DB:5B:F8:1A:B9:68:4A:7F:C9:F6:67

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100BC748C0FBB4CF4371EA90582D8E6E16C70EA78B56ED138440DA883CE5DD2D6D581C5D44BE75B
947026DB3B9D6A4C62F771F364D6613B3DEB73A337D9CFEA8C923BCDF707DC667497F44522DDF45CE0BF6DF3BE6533
E4153ABFDB98905538C4EDA655630BB07804F4E36EC13F8EFC51781F929E83C2FED9B0A9C9BC5A00FFA9A89874FBF6
2C3E15390DB60455A80E982042B3B125AD7E9A6F5D53B1AB0CFCEBE0F37AB3A8B3FF46F663A2D83A987BB6AC85FFB0
254F7463E71307A50A8F05F7C0646F7EA7278096DED42E8660C76B2B5E737B17E7913F640CD84B22342B9B32F2481F
9FA10A847AE2C2AD973D8ED5C1F956A350E9C6B4FA98A2EE95E62A038CDF0203010001

Certificate policies:

not present

CRL distribution points:

not present

PEM format:

-----BEGIN CERTIFICATE-----
MIIGfTCCBWWgAwIBAgICAQMwDQYJKoZIhvcNAQEEBQAwga8xCzAJBgNVBAYTAkhVMRAwDgYDVQQI
EwdIdW5nYXJ5MREwDwYDVQQHEwhCdWRhcGVzdDEnMCUGA1UEChMeTmV0TG9jayBIYWxvemF0Yml6
dG9uc2FnaSBLZnQuMRowGAYDVQQLExFUYW51c2l0dmFueWtpYWRvazEMDQGA1UEAxMtTmV0TG9ji
ayBLb3pqZWd5em9pIChDbGFzcyBBKSBUYW51c2l0dmFueWtpYWRvMB4XDTk5MDIyNDIzMTQ0N1oX
DTE5MDIx0TIzMTQ0N1owga8xCzAJBgNVBAYTAkhVMRAwDgYDVQQIEwdIdW5nYXJ5MREwDwYDVQQH
EwhCdWRhcGVzdDEnMCUGA1UEChMeTmV0TG9jayBIYWxvemF0Yml6dG9uc2FnaSBLZnQuMRowGAYD
VQQLExFUYW51c2l0dmFueWtpYWRvazEMDQGA1UEAxMtTmV0TG9jayBLb3pqZWd5em9pIChDbGFz
cyBBKSBUYW51c2l0dmFueWtpYWRvMIIBIjANBgkqhkiG9w0BAQEFAAOCAQ8AMIIBCgKCAQEAvHSM
D7tM9DceqQWC20bhbHDqeLVu0ThEDaiDzl3S1tWBxdRL51uUcCbbO51qTGL3cfNk1mE7PetzozfZ
z+qMkjvN9wfcZnSX9EUi3fRc4L9t875lM+QVOr/bmJBVOMTtplVjC7B4BPTjbsE/jvxReB+SnoPC
/tmwqcm8WgD/qaiYdPv2LD4VOQ22BFWoDpggQrOxJa1+mm9dU7GrDPzr4PN6s6iz/0b2Y6LYOph7
tqyF/7AlT3Rj5xMHpQqPBffAZG9+pyeAlt7ULoZgx2srXnN7F+eRP2QM2EsiNCubMvJIH5+hCoR6
4sKtlz2O1cH5VqNQ6ca0+pii7pXmKgOM3wIDAQABo4ICnzCCApswDgYDVDR0PAQH/BAQDAgAGMBIG
A1UdEwEB/wQIMAYBAf8CAQQwEQYJYIZIAYb4QgEBBAQDAgAHMIICYAYJYIZIAYb4QgENBIICURaC
Ak1GSUdZRUxFTSEgRXplbiB0YW51c2l0dmFueSBhIE5ldExvY2sgS2Z0LiBBbHRhbGFub3MgU3pv
bGdhbHRhdGFzaSBGZWx0ZXRlbGVpYmVuIGxlaXJ0IGVsamFyYVXNvayBhbGFwamFuIGtlc3p1bHHQu
IEEgaGl0ZWxlc2l0ZXMgZm9seWFtYXRhdCBhIE5ldExvY2sgS2Z0LiB0ZXJtZWtmZWxlbG9zc2Vn
LWJpenRvc2l0YXNhIHZlZGkuIEEgZGlnaXRhbGlzIGFsYWlyYXMgZWxmb2dhZGFzYW5hayBmZWx0
ZXRlbGUgYXogZWxvaXJ0IGVsbGVub3J6ZXNpIGVsamFyYXMgbWVndGV0ZWxlLiBBeiBlbGphcmmFz
IGxlaXJhc2EgbWVndGFsYWxoYXRvIGEgTmV0TG9jayBLZnQuIEludGVybmV0IGhvbmxhcGphbiBh
IGh0dHBzOi8vd3d3Lm5ldGxvY2suY2submV0L2RvY3MgY2ltZW4gdmFneSBrZXJoZXRvIGF6IGVsbGVu
b3J6ZXNAbmV0bG9jay5uZXQgZS1tYWlsIGNpbWVuLiBJTVBPUlRBTLQhIFRoZSBpc3N1YW5jZSBh
bmQgdGhlIHVzZSBvZiB0aGlzIGNlcnRpZmljYXRlIGlzIHN1YmplY3QgdG8gdGhlIE5ldExvY2sg
QlBTIGF2YWlsYWJsZSBhdCBodHRwczovL3d3dy5uZXRsb2NrLm5ldC9kb2NzIG9yIGJ5IGUtbWFp
bCBhdCBjcHNAbmV0bG9jay5uZXQuMA0GCSqGSIb3DQEBBAUAA4IBAQBIJEb3ulZv+sgoA0BO5TE5
ayZrU3/b39/zcT0mwBQOxmd7I6gMc90Bu8bKbjc5VdXHjFYgDigKDtIqpLBJUsY4B/6+CgmM0ZjP
ytoUMaFP0jn8DxEsQ8Pdq5PHVT5HfBgaANzze9jyf1JsIPQLX2lS9074silg6+NJMSENlrUQQeJB
CWziGppWS3cC9qCbmieH6FUpccKQn0V4GuEVZD3QDtigdp+uxdAu6tYPVuxkf1qbFFgBJ34TUMdr
KuZoPL9coAob4Q566eKAw+np9v1sEZ7Q5SgnK1QyQhSCdeZK8CtmdWOMovsEPoMOmzbwGOQmIMOM
8CgHrTwXZoi1/baI
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/recognisedatnationallevel

> *For trust services listed under a service type specified in clause 5.5.1.2: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved" status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in Regulation (EU) No 910/2014 and the applicable national legislation.*
> *For NationalRootCA-QC type: The service is set by national law in accordance with the applicable European legislation and operated by the responsible national body issuing root-signing or qualified certificates to accredited trust service providers.*
> *For other trust services listed under a service type specified in clause 5.5.1.3: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved"status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in the applicable national legislation.*

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: http://netlock.hu/index.cgi?crl=kozjegyzoi

Service supply points: http://netlock.hu/index.cgi?crl=kozjegyzoi

2.6.10.1. NetLock Kozjegyzoi (Class A) Tanusitvanykiado

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.

Service name:

English: NetLock Kozjegyzoi (Class A) Tanusitvanykiado

Hungarian: NetLock Kozjegyzoi (Class A) Tanusitvanykiado

Service digital identity: *Subject key identifier:*

31 11 EF A7 9F 0D EF 39 80 FC 87 90 40 37 99 A6 43 C0 9D 89

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 1999-02-24T23:14:47.000Z   (25 Feb 1999 00:14:47 CET)

2.6.11. NetLock Üzleti (Class B) Tanúsítványkiadó

Provider: 6
Service: 11

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

> *A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.*

Service name:

English: NetLock Üzleti (Class B) Tanúsítványkiadó

Hungarian: NetLock Üzleti (Class B) Tanúsítványkiadó

Service digital identity: *Subject key identifier:*

F1 27 C4 DE 5A 3D 34 29 B8 F3 EA 0F 8D FE 76 D2 39 08 CF C1

Service digital identity: *Version:*

3

Serial number:

80 544 274 841 620 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

CN=NetLock Üzleti (Class B) Tanúsítványkiadó,OU=Tanúsítványkiadók (Certification Services),O=NetLock Kft.,L=Budapest,C=HU

Issuer:

CN=NetLock Arany (Class Gold) Főtanúsítvány,OU=Tanúsítványkiadók (Certification Services),O=NetLock Kft.,L=Budapest,C=HU

Subject key identifier:

F1 27 C4 DE 5A 3D 34 29 B8 F3 EA 0F 8D FE 76 D2 39 08 CF C1

Authority key identifier:

CC FA 67 93 F0 B6 B8 D0 A5 C0 1E F3 53 FD 8C 53 DF 83 D7 96

Valid from:

2009-04-08T23:30:29.000Z   (09 Apr 2009 01:30:29 CEST)

Valid to:

2024-06-23T23:30:29.000Z   (24 Jun 2024 01:30:29 CEST)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = 4

Thumbprint:

SHA-1:

2B:88:63:69:86:56:76:FB:6C:1B:27:A9:AE:83:DA:B2:E7:7D:D3:D1

SHA-256:

6B:23:FA:D8:90:18:0C:33:7B:86:41:55:DA:E0:DE:9B:AD:9E:F0:BD:A7:8D:11:2F:2C:BD:C3:D0:2A:D1:79:56

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100BF950F3765905D0CE132C570BAD4A4F8028C77B35FE744CC427CE52F620594EB01E30EC375FE
371849E26FA373CDBE571BAD1A0EFD7D322096DBBF20DE21E20B7A06927B1E64DACBA69DD30714604A4A916F51BE07
B05463BD0DBCFC3245037765DEEECE0F420AF1FA9F5AE58A883A452935773635B89670BC795D34BA2DDD4B0059E182
54998AF632DA5DA32CF5569A3B9BD8B3430510239FAEBF1DDA2C7502E941BA8EBA2D0B6CA443453FC23A0892D27A0A
464AEB3F2BFE727A6A544B70F7AB0B8EA4B61FAC5E2A9DC58395DB7502ED3A7DE03DB4B638229763DF4A651C4B35BE
B4E04E43185DB36A1A98B5770B8D1F352287965304725AB0A8257CF104F5020300A6E7

Certificate policies:

not present

CRL distribution points:

http://crl1.netlock.hu/index.cgi?crl=gold

http://crl2.netlock.hu/index.cgi?crl=gold

http://crl3.netlock.hu/index.cgi?crl=gold

PEM format:

-----BEGIN CERTIFICATE-----
MIIGHzCCBQegAwIBAgIGSUEs5AAUMA0GCSqGSIb3DQEBCwUAMIGnMQswCQYDVQQGEwJIVTERMA8G
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dsOhbnlraWFkw7NrIChDZXJ0aWZpY2F0aW9uIFNlcnZpY2VzKTE1MDMGA1UEAwwsTmV0TG9jayBB
cmFueSAoQ2xhc3MgR29sZCkgRsWRdGFuw7pzw610dsOhbnkwHhcNMDkwNDA4MjMzMDI5WhcNMjQw
NjIzMjMzMDI5WjCBqTELMAkGA1UEBhMCSFUxETAPBgNVBAcMCEJ1ZGFwZXN0MRUwEwYDVQQKDAxO
ZXRMb2NrIEtmdC4xNzA1BgNVBAsMLlRhbsO6c8OtdHbDoW55a2lhZMOzayAoQ2VydGlmaWNhdGlv
biBTZXJ2aWNlcykxNzA1BgNVBAMMLk5ldExvY2sgw5x6bGV0aSAoQ2xhc3MgQikgRsWRdGFuw7pz
w610dsOhbnlraWFkw7MwggEiMA0GCSqGSIb3DQEBAQUAA4IBDwAwggEKAoIBAQC/lQ83ZBdDOEyxXC6
1KT4Aox3s1/nRMxCfOUvYgWU6wHjDsN1/jcYSeJvo3PNvlcbrRoO/X0yIJbbvyDeIeIILegaSex5k
2sumndMHFGBKSpFvUb4HsFRjvQ28/DJFA3dl3u7OD0IK8fqfWuWKiDpFKTV3NjW4lnC8eV00ui3d
SwBZ4YJUmYr2Mtpdoyz1Vpo7m9izQwUQI5+uvx3aLHUC6UG6jrotC2ykQ0U/wjoIktJ6CkZK6z8r
/nJ6alRLcPerC46kth+sXiqdxYOV23UC7Tp94D20tjgil2PfSmUcSzW+tOBOQxhds2oamLV3C40f
NSKHllMEclqwqCV88QT1AgMApuejggJLMIICRzASBgNVHRMBAf8ECDAGAQH/AgEEMA4GA1UdDwEB
/wQEAwIBBjAfBgNVHSMEGDAWgBTM+meT8La40KXAHvNT/YxT34PXljAdBgNVHQ4EFgQU8SfE3lo9
NCm48+oPjf520jkIz8EwggE+BggrBgEFBQcBAQSCATAwggEsMCwGCCsGAQUFBzABhiBodHRwOi8v
b2NzcDEubmV0bG9jay5odS9jay5jcmxLmNnaTAsBggrBgEFBQcwAYYgaHR0cDovL29jc3AyLm5ldGxv
Y2suaHUvZ29sZC5jZ2kwLAYIKwYBBQUHMAGGIGh0dHA6Ly9vY3NwMy5uZXRsb2NrLmh1L2dvbGQu
Y2dpMDQGCCsGAQUFBzAChihodHRwOi8vYWlhMS5uZXRsb2NrLmh1L2luZGV4LmNnaT9jYT1nb2xk
MDQGCCsGAQUFBzAChihodHRwOi8vYWlhMi5uZXRsb2NrLmh1L2luZGV4LmNnaT9jYT1nb2xkMDQG
CCsGAQUFBzAChihodHRwOi8vYWlhMy5uZXRsb2NrLmh1L2luZGV4LmNnaT9jYT1nb2xkMIGeBgNV
HR8EgZYwgZMwL6AtoCuGKWh0dHA6Ly9jcmwxLm5ldGxvY2suaHUvaW5kZXguY2dpP2NybD1nb2xk
MC+gLaArhiiodHRwOi8vY3JsMi5uZXRsb2NrLmh1L2luZGV4LmNnaT9jcmw9Z29sZDAvoC2gK4Yp
aHR0cDovL2NybDMubmV0bG9jay5odS9pbmRleC5jZ2k/Y3JsPWdvbGQwDQYJKoZIhvcNAQELBQAD
ggEBACHRjMz0lJD7dAEmPiDvjAy+PKMUoQarou7Ig+VfToCYM9+MO72feRb24re1tYCJTjv3Cu70
6bsxpGNaccABOuP6LkMZT/6U0O3Cn+pNMNwHscc5r2m4yqixk1mSR1nvFqILWZ67L5ZQsvZZz/oF
EOHTFO3x/kLP28YF+zxol8dFUsJvU2Q/gL2NhpO2UmV4QyHgi3u4APEer4yxNUiMb0gZpuJMRw2M
I/K1BqablRvUiwBnr2i/sDeUbjy7Xslsy9suPIx9jpQlP/VA71uSc904I0IdGz6Go4yZUEB3moyY
31GdTkWsqNMdyBhMGUXRrSOtQVJpTpmfFOO7YjYuqKg=
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/recognisedatnationallevel

For trust services listed under a service type specified in clause 5.5.1.2: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved" status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in Regulation (EU) No 910/2014 and the applicable national legislation.

For NationalRootCA-QC type: The service is set by national law in accordance with the applicable European legislation and operated by the responsible national body issuing root-signing or qualified certificates to accredited trust service providers.

For other trust services listed under a service type specified in clause 5.5.1.3: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved"status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in the applicable national legislation.

Status starting time:	2016-06-30T22:00:00.000Z (01 Jul 2016 00:00:00 CEST)
Service supply points:	http://crl1.netlock.hu/index.cgi?crl=gold
	http://crl2.netlock.hu/index.cgi?crl=gold
	http://crl3.netlock.hu/index.cgi?crl=gold

Status starting time:	2016-06-30T22:00:00.000Z (01 Jul 2016 00:00:00 CEST)
Service supply points:	http://crl1.netlock.hu/index.cgi?crl=gold
	http://crl2.netlock.hu/index.cgi?crl=gold
	http://crl3.netlock.hu/index.cgi?crl=gold

2.6.11.1. NetLock Üzleti (Class B) Tanúsítványkiadó

```
Provider: 6
Service: 11
History: 1/1
```

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.

Service name:

English: NetLock Üzleti (Class B) Tanúsítványkiadó

Hungarian: NetLock Üzleti (Class B) Tanúsítványkiadó

Service digital identity: *Subject key identifier:*

F1 27 C4 DE 5A 3D 34 29 B8 F3 EA 0F 8D FE 76 D2 39 08 CF C1

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2009-04-08T23:30:29.000Z   (09 Apr 2009 01:30:29 CEST)

2.6.12. NetLock Üzleti Eat. (Class B Legal) Tanúsítványkiadó

Provider: 6
Service: 12

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

> *A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.*

Service name:

English: NetLock Üzleti Eat. (Class B Legal) Tanúsítványkiadó

Hungarian: NetLock Üzleti Eat. (Class B Legal) Tanúsítványkiadó

Service digital identity: *Subject key identifier:*

34 1B 2C C7 B2 3E 4A 72 53 3D 12 7F 40 66 BA AE B6 A4 E4 47

Service digital identity: *Version:*

3

Serial number:

80 544 274 841 619 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

CN=NetLock Üzleti Eat. (Class B Legal) Tanúsítványkiadó,OU=Tanúsítványkiadók (Certification Services),O=NetLock Kft.,L=Budapest,C=HU

Issuer:

CN=NetLock Arany (Class Gold) Főtanúsítvány,OU=Tanúsítványkiadók (Certification Services),O=NetLock Kft.,L=Budapest,C=HU

Subject key identifier:

34 1B 2C C7 B2 3E 4A 72 53 3D 12 7F 40 66 BA AE B6 A4 E4 47

Authority key identifier:

CC FA 67 93 F0 B6 B8 D0 A5 C0 1E F3 53 FD 8C 53 DF 83 D7 96

Valid from:

2009-04-08T23:20:10.000Z   (09 Apr 2009 01:20:10 CEST)

Valid to:

2024-06-23T23:20:10.000Z   (24 Jun 2024 01:20:10 CEST)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = 4

Thumbprint:

SHA-1:

B2:B0:5A:79:00:26:6C:F2:27:92:3F:42:88:CC:A4:42:A8:F4:3E:7E

SHA-256:

1D:93:68:6C:A4:2C:70:39:4F:BD:C2:BC:1F:98:46:1D:19:87:1C:2A:00:07:8B:81:54:99:31:2E:D9:F6:FE:0C

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100BF4B16AD54676637559F35B6448D85763A977DFB77F15CDB9FEFFFC817C867194ECED24ADA41
53C7187FB801CE93098EEF61038B0BD560AF02B8B4A976D66EF4C0C03AF564F2C82B7FE7EB8AF08F26A147E411AFD3
4AA93489FCD7F63248CA99D8D99F8B0DC40C3B73C400E634AA1D11CAE58A43F17EA46B24B2CE96EA88D87CE41A2EBD
83C4D176E3B0AD1CDE5C80EFEF445F2E1FA339F34139BD89F2788B8B3793ADCBC746E7B78834345ADDFF050179846E
1317D1379904E6FFFE2AD7BC7796ADD1D301F90AA65BCB4D8E5F03C358E20439B7FAB9C7D62A91AD4ECD15060FCD82
6A494971A73E4E5037E28D72BF88609CEDCE1B0022CB28CD6486C43B92B3020300D8A9

Certificate policies:

not present

CRL distribution points:

http://crl1.netlock.hu/index.cgi?crl=gold

http://crl2.netlock.hu/index.cgi?crl=gold

http://crl3.netlock.hu/index.cgi?crl=gold

PEM format:

```
-----BEGIN CERTIFICATE-----
MIIGKjCCBRKgAwIBAgIGSUEs5AATMA0GCSqGSIb3DQEBCwUAMIGnMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFTATBgNVBAoMDE5ldExvY2sgS2Z0LjE3MDUGA1UECwwuVGFuw7pzw6l0
dsOhbnlraWFkw7NrIChDZXJ0aWZpY2F0aW9uIFNlcnZpY2VzKTE1MDMGA1UEAwwsTmV0TG9jayBB
cmFueSAoQ2xhc3MgR29sZCkgRsWRdGFuw7pzw6l0dsOhbnkwHhcNMDkwNDA4MjMyMDEwWhcNMjQw
NjIzMjMyMDEwWjCBtDELMAkGA1UEBhMCSFUxETAPBgNVBAcMCEJlZGFwZXN0MRUwEwYDVQQKDAxO
ZXRMb2NrIEtmdC4xNzA1BgNVBAsMLlRhbsO6c8OtdHbDoW55a2lhZMOzayAoQ2VydGlmaWNhdGlv
biBTZXJ2aWNlcykxQjBABgNVBAMMOU5ldExvY2sgw5x6bGV0aSBFYXQuIChDbGFzcyBCIExlZ2Fs
KSBUYW7DunPDrXR2w6FueWtpYWTDszCCASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAL9L
Fq1UZ2Y3VZ81tkSNhXY6l337d/Fc25/v/8gXyGcZTs7SStpBU8cYf7gBzpMJju9hA4sLlWCvAri0
qXbWbvTAwDr1ZPLIK3/n64rwjyahR+QRr9NKqTSJ/Nf2MkjKmdjZn4sNxAw7c8QA5jSqHRHK5YpD
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/wUBeYRuExfRN5kE5v/+Kte8d5at0dMB+QqmW8tNjl8Dw1jiBDm3+rnHliqRrU7NFQYPzYJqSUlx
pz5OUDfijXK/iGCc7c4bACLLKM1khsQ7krMCAwDYqaOCAkswggJHMBIGA1UdEwEB/wQIMAYBAf8C
AQQwDgYDVR0PAQH/BAQDAgEGMB8GA1UdIwQYMBaAFMz6Z5PwtrjQpcAe81P9jFPfg9eWMB0GA1Ud
DgQWBBQ0GyzHsj5KclM9En9AZrqutqTkRzCCAT4GCCsGAQUFBwEBBIIBMDCCASwwLAYIKwYBBQUH
MAGGIGh0dHA6Ly9vY3NwMS5uZXRsb2NrLmh1L2dvbGQuY2dpMCwGCCsGAQUFBzABhiBodHRwOi8v
b2NzcDIubmV0bG9jay5odS9nb2xkLmNnaTASBggrBgEFBQcwAYYgaHR0cDovL29jc3AzLm5ldGxv
Y2suaHUvZ29sZC5jZ2kwNAYIKwYBBQUHMAKGKGh0dHA6Ly9haWExLm5ldGxvY2suaHUvaW5kZXgu
Y2dpP2NhPWdvbGQwNAYIKwYBBQUHMAKGKGh0dHA6Ly9haWEyLm5ldGxvY2suaHUvaW5kZXguY2dp
P2NhPWdvbGQwNAYIKwYBBQUHMAKGKGh0dHA6Ly9haWEzLm5ldGxvY2suaHUvaW5kZXguY2dpP2Nh
PWdvbGQwgZ4GA1UdHwSBljCBkzAvoC2gK4YpaHR0cDovL2NybDEubmV0bG9jay5odS9pbmRleC5j
Z2k/Y3JsPWdvbGQwL6AtoCuGKWh0dHA6Ly9jcmwyLm5ldGxvY2suaHUvaW5kZXguY2dpP2NybD1n
b2xkMC+gLaArhilodHRwOi8vY3JsMy5uZXRsb2NrLmh1L2luZGV4LmNnaT9jcmw9Z29sZDANBgkq
hkiG9w0BAQsFAAOCAQEAup6431plmUOjIQxSHbfXoo/m+QjfKU/LYmRhe438qCwVtaA4ai6x3hZi
faLKoTAs7itFEfKD27ASf1AAag8nmO7jfEhW6hnAmo4zFs816dnBoQNsxB5KVPEh3FWXGQ4A1lql
4yy/Mb3htcZubGXrboDWvfbpumdpq/6m2luhDcabaDImtCe8bGHB7zs/0YHeM+aLROJYghv7I1XC
5k+1jcq41sA6nDu3NtA+wqCUkFlEZfEas5lvmzCpTaK3LvON1bT8ivk9Hk4d0HRaGJW3kCZBtUfq
JFNqngGGZoGVMSVMVNP8T5VHDBwxnBo43w5n7elqmrM2TkZPGb0+4Klvzw==
-----END CERTIFICATE-----
```

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/recognisedatnationallevel

For trust services listed under a service type specified in clause 5.5.1.2: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved" status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in Regulation (EU) No 910/2014 and the applicable national legislation.

For NationalRootCA-QC type: The service is set by national law in accordance with the applicable European legislation and operated by the responsible national body issuing root-signing or qualified certificates to accredited trust service providers.

For other trust services listed under a service type specified in clause 5.5.1.3: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved"status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in the applicable national legislation.

Status starting time:	2016-06-30T22:00:00.000Z (01 Jul 2016 00:00:00 CEST)
Service supply points:	http://crl1.netlock.hu/index.cgi?crl=gold
	http://crl2.netlock.hu/index.cgi?crl=gold
	http://crl3.netlock.hu/index.cgi?crl=gold

Status starting time:	2016-06-30T22:00:00.000Z (01 Jul 2016 00:00:00 CEST)
Service supply points:	http://crl1.netlock.hu/index.cgi?crl=gold
	http://crl2.netlock.hu/index.cgi?crl=gold
	http://crl3.netlock.hu/index.cgi?crl=gold

2.6.12.1. NetLock Üzleti Eat. (Class B Legal) Tanúsítványkiadó

```
Provider: 6
Service: 12
History: 1/1
```

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

> *A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.*

Service name:

English: NetLock Üzleti Eat. (Class B Legal) Tanúsítványkiadó

Hungarian: NetLock Üzleti Eat. (Class B Legal) Tanúsítványkiadó

Service digital identity: *Subject key identifier:*

34 1B 2C C7 B2 3E 4A 72 53 3D 12 7F 40 66 BA AE B6 A4 E4 47

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2009-04-08T23:20:10.000Z   (09 Apr 2009 01:20:10 CEST)

2.6.13. NetLock Expressz Eat. (Class C Legal) Tanúsítványkiadó

Provider: 6
Service: 13

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.

Service name:

English: NetLock Expressz Eat. (Class C Legal) Tanúsítványkiadó

Hungarian: NetLock Expressz Eat. (Class C Legal) Tanúsítványkiadó

Service digital identity: *Subject key identifier:*

71 49 6E 81 87 D1 08 AD F1 28 04 A1 F3 BF FF 46 6F 7F B5 DA

Service digital identity: *Version:*

3

Serial number:

80 544 274 841 626 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

CN=NetLock Expressz Eat. (Class C Legal) Tanúsítványkiadó,OU=Tanúsítványkiadók (Certification Services),O=NetLock Kft.,L=Budapest,C=HU

Issuer:

CN=NetLock Arany (Class Gold) Főtanúsítvány,OU=Tanúsítványkiadók (Certification Services),O=NetLock Kft.,L=Budapest,C=HU

Subject key identifier:

71 49 6E 81 87 D1 08 AD F1 28 04 A1 F3 BF FF 46 6F 7F B5 DA

Authority key identifier:

CC FA 67 93 F0 B6 B8 D0 A5 C0 1E F3 53 FD 8C 53 DF 83 D7 96

Valid from:

2010-12-27T15:25:11.000Z   (27 Dec 2010 16:25:11 CET)

Valid to:

2026-03-13T15:25:11.000Z   (13 Mar 2026 16:25:11 CET)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = 4

Thumbprint:

SHA-1:

97:84:1E:6F:A0:58:60:23:5B:91:0D:99:97:3E:CE:8B:28:EA:51:71

SHA-256:

BB:66:1D:75:0C:53:16:61:81:80:7A:68:98:FD:46:40:65:CE:59:29:89:86:AD:66:D9:D6:FF:FC:BB:D4:73:8A

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100D0344965D9134CCFF380C23291736B1E6E83A9F2A32C9CCE40EE707E924B382664D2C1D74776
FD7E0F98AF2465732DF2EC08F79AA799B69DAAFD62AACA5E53428C1C606E551C8E5016FAF8503780281913663D0B87
4FEE95BA0771CF30169A8B36574E636243553571E98954428F639B78B6D1B8DF8AAF52426DBA686EBD9111F84CFDBF
513C97BEF8CEB7BC2394C5032004ABCB3E57113AE6C8842B1C1526B66FD725DDF91D6FE41436641433631FB3D641F1
7DC9DF4EF139A72D95798073AE760BCA09C1995B3DB70431639CE0A555F2749E2E3C1E14370E242947765D9350DEE7
C456E10DEAB6A0BBBA1370AE83E96037B4800131DC0D53E23E850C4F4D29020300D0F1

Certificate policies:

not present

CRL distribution points:

http://crl1.netlock.hu/index.cgi?crl=gold

http://crl2.netlock.hu/index.cgi?crl=gold

http://crl3.netlock.hu/index.cgi?crl=gold

PEM format:

```
-----BEGIN CERTIFICATE-----
MIIGKzCCBROgAwIBAgIGSUEs5AAaMA0GCSqGSIb3DQEBCwUAMIGnMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFTATBgNVBAoMDE5ldExvY2sgS2Z0LjE3MDUGA1UECwwuVGFuw7pzaw610
dsOhbnlraWFkw7NrIChDZXJ0aWZpY2F0aW9uIFNlcnZpY2VzKTE1MDMGA1UEAwwsTmV0TG9jayBB
cmFueSAoQ2xhc3MgR29sZCkgRsWRdGFuw7pzaw610dsOhbnkwHhcNMTAxMjI3MTUyNTExWhcNMjYw
MzEzMTUyNTExWjCBtTELMAkGA1UEBhMCSFUxETAPBgNVBAcMCEJ1ZGFwZXN0MRUwEwYDVQQKDAxO
ZXRMb2NrIEtmdC4xNzA1BgNVBAsMLlRhbsO6c8OtdHbDoW55a2lhZMOzayAoQ2VydGlmaWNhdGlv
biBTZXJ2aWNlcykxQzBBBgNVBAMMOk5ldExvY2sgRXhwcmVzc3ogRWF0LiAoQ2xhc3MgQyBMZWdh
bCkgVGFuw7pzw610dsOhbnlraWFkw7MwggEiMA0GCSqGSIb3DQEBAQUAA4IBDwAwggEKAoIBAQDQ
NElL2RNMz/OAwjKRc2seboOp8qMsnM5A7nB+kks4JmTSwddHdvl+D5ivJGVzLfLsCPeap5m2nar9
YqrKXlNCjBxgblUcjlAW+vhQN4AoGRNmPQuHT+6VugdxzzAWmos2V05jYkNVNXHpiVRCj2ObeLbR
uN+Kr1JCbbpobr2REfhM/b9RPJe++M63vCOUxQMgBKvLPlcR0ubInCscFSa2b9cl3fkdb+QUNmQU
M2Mfs9ZB8X3J307xOactlXmAc652C8oJwZlbPbcEMWOc4KVV8nSeLjweFDcOJClHdl2TUN7nxFbh
Deq2oLu6E3Cug+lgN7SAATHcDVPiPoUMT00pAgMA0PGjggJLMIICRzASBgNVHRMBAf8ECDAGAQH/
AgEEMA4GA1UdDwEB/wQEAwIBBjAfBgNVHSMEGDAWgBTM+meT8La40KXAHvNT/YxT34PXljAdBgNV
HQ4EFgQUcUlugYfRCK3xKASh87//Rm9/tdowggE+BggrBgEFBQcBAQSCATAwggEsMCwGCCsGAQUF
BzABhiBodHRwOi8vb2NzcDEubmV0bG9jay5odS9nay5jZ2kwLmNaTAsBggrBgEFBQcwAYYgaHR0cDov
L29jc3AyLm5ldGxvY2suaHUvZ29sZC5jZ2kwLAYIKwYBBQUHMAGGIGh0dHA6Ly9vY3NwMy5uZXRs
b2NrLmh1L2dvbGQuY2dpMDQGCCsGAQUFBzAChihodHRwOi8vYWlhMS5uZXRsb2NrLmh1L2luZGV4
LmNnaT9jYT1nb2xkMDQGCCsGAQUFBzAChihodHRwOi8vYWlhMi5uZXRsb2NrLmh1L2luZGV4LmNn
aT9jYT1nb2xkMDQGCCsGAQUFBzAChihodHRwOi8vYWlhMy5uZXRsb2NrLmh1L2luZGV4LmNnaT9j
YT1nb2xkMIGeBgNVHR8EgZYwgZMwL6AtoCuGKWh0dHA6Ly9jcmwxLm5ldGxvY2suaHUvaW5kZXgu
Y2dpP2NybD1nb2xkMC+gLaArhilodHRwOi8vY3JsMi5uZXRsb2NrLmh1L2luZGV4LmNnaT9jcmw9
Z29sZDAvoC2gK4YpaHR0cDovL2NybDMubmV0bG9jay5odS9pbmRleC5jZ2k/Y3JsPWdvbGQwDQYJ
KoZIhvcNAQELBQADggEBAEK8hJUFkVC5Xo9hcdk+XI4lqTXetRatFgppxKjZRRNFaZGkGBD4ucfN
7H04Ao+aVwAEupJNzhmT8Z68GR9QbboYsHbUIHwlHiN/mS4isn+TVLRjm4Z9vOFostBSMS+uB6WD
7sudbm6rl6xl62Pcvo7mpK7JKIYkoreXAhaDoQAb3diWiqwIvvmTX2nUqN5Gq6JAs+p4GUvh3pIK
VA0azJJE6xE7XSK8RTIpFKvlDrl6EaRcjHHF/IkAX/3upcY33R8bwdb++Rx/gpbY6ByxlxK7KC/d
pX3K7jB8i886Slm+NqsyLj0oIu8icY0yjHfj5DXqFOxf5V5DPuge5UbkuhI=
-----END CERTIFICATE-----
```

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/recognisedatnationallevel

For trust services listed under a service type specified in clause 5.5.1.2: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved" status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in Regulation (EU) No 910/2014 and the applicable national legislation.

For NationalRootCA-QC type: The service is set by national law in accordance with the applicable European legislation and operated by the responsible national body issuing root-signing or qualified certificates to accredited trust service providers.

For other trust services listed under a service type specified in clause 5.5.1.3: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved"status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in the applicable national legislation.

Status starting time:	2016-06-30T22:00:00.000Z (01 Jul 2016 00:00:00 CEST)
Service supply points:	http://crl1.netlock.hu/index.cgi?crl=cclca
	http://crl2.netlock.hu/index.cgi?crl=cclca
	http://crl3.netlock.hu/index.cgi?crl=cclca

Status starting time:	2016-06-30T22:00:00.000Z (01 Jul 2016 00:00:00 CEST)
Service supply points:	http://crl1.netlock.hu/index.cgi?crl=cclca
	http://crl2.netlock.hu/index.cgi?crl=cclca

2.6.13.1. NetLock Expressz Eat. (Class C Legal) Tanúsítványkiadó

Provider: 6
Service: 13
History: 1/1

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.

Service name:

English: NetLock Expressz Eat. (Class C Legal) Tanúsítványkiadó

Hungarian: NetLock Expressz Eat. (Class C Legal) Tanúsítványkiadó

Service digital identity: *Subject key identifier:*

71 49 6E 81 87 D1 08 AD F1 28 04 A1 F3 BF FF 46 6F 7F B5 DA

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2010-12-27T15:25:11.000Z   (27 Dec 2010 16:25:11 CET)

2.6.14. NetLock Expressz (Class C) Tanúsítványkiadó

Provider: 6
Service: 14

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.

Service name:

English: NetLock Expressz (Class C) Tanúsítványkiadó

Hungarian: NetLock Expressz (Class C) Tanúsítványkiadó

Service digital identity: *Subject key identifier:*

49 BF 21 40 F3 53 BD 36 2B 22 65 A8 26 12 FF E4 DF 71 F6 CA

Service digital identity: *Version:*

3

Serial number:

80 544 274 841 625 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

CN=NetLock Expressz (Class C) Tanúsítványkiadó,OU=Tanúsítványkiadók (Certification Services),O=NetLock Kft.,L=Budapest,C=HU

Issuer:

CN=NetLock Arany (Class Gold) Főtanúsítvány,OU=Tanúsítványkiadók (Certification Services),O=NetLock Kft.,L=Budapest,C=HU

Subject key identifier:

49 BF 21 40 F3 53 BD 36 2B 22 65 A8 26 12 FF E4 DF 71 F6 CA

Authority key identifier:

CC FA 67 93 F0 B6 B8 D0 A5 C0 1E F3 53 FD 8C 53 DF 83 D7 96

Valid from:

2010-12-27T15:24:39.000Z   (27 Dec 2010 16:24:39 CET)

Valid to:

2026-03-13T15:24:39.000Z   (13 Mar 2026 16:24:39 CET)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE
pathLenConstraint = 4

Thumbprint:

SHA-1:

3F:6F:58:9F:5A:28:46:6A:E2:95:D5:E1:8E:BD:13:9C:57:C6:8D:B5

SHA-256:

37:2B:8F:4C:E7:3B:ED:FC:88:71:8C:40:7B:B6:B3:E6:D8:F9:A7:9B:E9:57:19:0D:0E:71:01:C7:B0:EF:9A:32

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100F0DEBF0D0A10793F494F87321DD57C180655509E461837CC313BBD931487F98F7A7AED14E8C9
F2B474B66F217649CB1DE8BF4045A62F3E21D150121063B11C3293BF990E56DCACA4C90A170255C2B25A30740B0F49
FB1893EE91AF9B11BC79D5C4AE4684BABE9FE51BD22A008A2C2E7126B8304ADE54C8095AEE9717249EBF9E772FC91C
1B360B237688E4418811471FE1C4666340E845933F0F9FA3F13DA091803BE50AF1A768150316724821FFB4A622C122
E4B32341E5233FA3FC4851A780264E89231D4C7ECEE6FBA9D4A53FAE195DB740B714E5D0AD665462B83D5BAC0A199B
B9238DBA4BAB0485EED5C769214101F3132969B65FF3A7C6B829F1BCF469020300ACD3

Certificate policies:

not present

CRL distribution points:

http://crl1.netlock.hu/index.cgi?crl=gold

http://crl2.netlock.hu/index.cgi?crl=gold

http://crl3.netlock.hu/index.cgi?crl=gold

PEM format:

```
-----BEGIN CERTIFICATE-----
MIIGIDCCBQigAwIBAgIGSUEs5AAZMA0GCSqGSIb3DQEBCwUAMIGnMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFTATBgNVBAoMDE5ldExvY2sgS2Z0LjE3MDUGA1UECwwuVGFuw7pzw610
dsOhbnlraWFkw7NrIChDZXJ0aWZpY2F0aW9uIFNlcnZpY2VzKTE1MDMGA1UEAwwsTmV0TG9jayBB
cmFueSAoQ2xhc3MgR29sZCkgRsWRdGFuw7pzw610dsOhbnkwHhcNMTAxMjI3MTUyNDM5WhcNMjYw
MzEzMTUyNDM5WjCBqjELMAkGA1UEBhMCSFUxETAPBgNVBAcMCEJ1ZGFwZXN0MRUwEwYDVQQKDAxO
ZXRMb2NrIEtmdC4xNzA1BgNVBAsMLlRhbsO6c8OtdHbDoW55a2lhZM0zayAoQ2VydGlmaWNhdGlv
biBTZXJ2aWNlcykxODA2BgNVBAmML05ldExvY2sgRXhwcmVzc3ogKENsYXNzIEMpIFRhbsO6c8Ot
dHbDoW55a2lhZM0zMIIBIjANBgkqhkiG9w0BAQEFAAOCAQ8AMIIBCgKCAQEA8N6/DQoQeT9JT4cy
HdV8GAZVUJ5GGDfMMTu9kxSH+Y96eu0U6MnytHS2byF2Scsd6L9ARaYvPiHRUBIQY7EcMpO/mQ5W
3KykyQoXAlXCslowdAsPSfsYk+6Rr5sRvHnVxK5GhLq+n+Ub0ioAiiwucSa4MEreVMgJWu6XFySe
v553L8kcGzYLI3aI5EGIEUcf4cRmY0DoRZM/D5+j8T2gkYA75Qrxp2gVAxZySCH/tKYiwSLksyNB
5SM/o/xIUaeAJk6JIx1Mfs7m+6nUpT+uGV23QLcU5dCtZlRiuD1brAoZm7kjjbpLqwSF7tXHaSFB
AfMTKWm2X/Onxrgp8bz0aQIDAKzTo4ICSzCCAkcwEgYDVR0TAQH/BAgwBgEB/wIBBDA0BgNVHQ8B
Af8EBAMCAQYwHwYDVR0jBBgwFoAUzPpnk/C2uNClwB7zU/2MU9+D15YwHQYDVR0OBBYEFEm/IUDz
U702KyJlqCYS/+TfcfbKMIIBPgYIKwYBBQUHAQEEggEwMIIBLDAsBggrBgEFBQcwAYYgaHR0cDov
L29jc3AxLm5ldGxvY2suaHUvZ29sZC5jZ2kwLAYIKwYBBQUHMAGGIGh0dHA6Ly9vY3NwMi5uZXRs
b2NrLmh1L2dvbGQuY2dpMCwGCCsGAQUFBzABhiBodHRwOi8vb2NzcDMubmV0bG9jay5odS9nb2xk
LmNnaTA0BggrBgEFBQcwAoYoaHR0cDovL2FpYTEubmV0bG9jay5odS9pbmRleC5jZ2k/Y2E9Z29s
ZDA0BggrBgEFBQcwAoYoaHR0cDovL2FpYTIubmV0bG9jay5odS9pbmRleC5jZ2k/Y2E9Z29sZDA0
BggrBgEFBQcwAoYoaHR0cDovL2FpYTMubmV0bG9jay5odS9pbmRleC5jZ2k/Y3JsPWdvbGQwL6AtoCuG
KWh0dHA6Ly9jcmwzLm5ldGxvY2suaHUvaW5kZXguY2dpP2NybD1nb2xkMA0GCSqGSIb3DQEBCwUA
A4IBAQBa2rS+9NJ/UUzJbwOSqPYoyRk+L61V/Wd5jWjYMGtoS42gaCy/NTiFnySQhi9Pp9+jSBRm
hkRzdwj/+KxwC2r6uZHBu3Agco9dlL5T9ZGfX3+KW66T5kENW0QL2jpu1nEEb4AL0WdahRyKg8pU
Bc1sH+lghA6ZMJh5IBXpqfcL7dykIvWpJOmn7Fb8teUeoqTdyzkQgilmBDYDFrr3vhss8TqO0U+f
0lFIT/wsDlnessbD+NeR5IHI47kbuJo5abqP+CNkd5URmtI2q0fCrL6giu55LwJccj/asWzM17j3
ynVWWto+KwhLtVh4Vq4UNMiZo4gwJFO6UzKoYZ4lpwAT
-----END CERTIFICATE-----
```

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/recognisedatnationallevel

For trust services listed under a service type specified in clause 5.5.1.2: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved" status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in Regulation (EU) No 910/2014 and the applicable national legislation.

For NationalRootCA-QC type: The service is set by national law in accordance with the applicable European legislation and operated by the responsible national body issuing root-signing or qualified certificates to accredited trust service providers.

For other trust services listed under a service type specified in clause 5.5.1.3: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved"status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in the applicable national legislation.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: http://crl1.netlock.hu/index.cgi?crl=ccca

http://crl2.netlock.hu/index.cgi?crl=ccca

http://crl3.netlock.hu/index.cgi?crl=ccca

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: http://crl1.netlock.hu/index.cgi?crl=ccca

http://crl2.netlock.hu/index.cgi?crl=ccca

http://crl3.netlock.hu/index.cgi?crl=ccca

2.6.14.1. NetLock Expressz (Class C) Tanúsítványkiadó

```
Provider: 6
Service: 14
History: 1/1
```

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

> *A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.*

Service name:

English: NetLock Expressz (Class C) Tanúsítványkiadó

Hungarian: NetLock Expressz (Class C) Tanúsítványkiadó

Service digital identity: *Subject key identifier:*

49 BF 21 40 F3 53 BD 36 2B 22 65 A8 26 12 FF E4 DF 71 F6 CA

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2010-12-27T15:24:39.000Z   (27 Dec 2010 16:24:39 CET)

2.6.15. NetLock Közigazgatási (Class B) Tanúsítványkiadó

Provider: 6
Service: 15

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

> *A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.*

Service name:

English: NetLock Közigazgatási (Class B) Tanúsítványkiadó

Hungarian: NetLock Közigazgatási (Class B) Tanúsítványkiadó

Service digital identity: *Subject key identifier:*

A0 67 46 41 D8 34 7D 44 F3 9B A6 73 4F 95 EC 25 4F 3D 83 FE

Service digital identity: *Version:*

3

Serial number:

1 132 238 032 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@netlock.hu,CN=NetLock Közigazgatási (Class B) Tanúsítványkiadó,O=NetLock Kft.,L=Budapest,C=HU

Issuer:

CN=KGYHSZ (Public Administration Root CA - Hungary),C=hu

Subject key identifier:

A0 67 46 41 D8 34 7D 44 F3 9B A6 73 4F 95 EC 25 4F 3D 83 FE

Authority key identifier:

FC 9C E6 C6 B0 0A EA 1F D7 FA 7E 2E 20 05 68 5C 07 4A C2 E2

Valid from:

2011-02-16T09:27:47.000Z   (16 Feb 2011 10:27:47 CET)

Valid to:

2021-02-16T09:57:47.000Z   (16 Feb 2021 10:57:47 CET)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = 0

Thumbprint:

SHA-1:

6F:35:66:55:2F:BC:C9:33:CB:C1:76:86:F9:C7:76:54:9C:49:7B:57

SHA-256:

F7:F8:CD:8A:0B:CF:EF:03:76:B4:DE:06:90:4B:D4:F1:79:BF:3B:54:25:7F:CF:30:5C:DC:CF:7E:D7:F3:52:42

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100D2E16DAF064B4AFD1DE90FC6B0E5887EAE34AA3C7F25DB32F2CB7B5DEECF8C0F1E19DEE01DBC
8C6BDFCF828FDEF8E2219E691DF1FADAE3E1D03A4AECCFD5947FDADF650B005B8A8338AD310817BE500957D0E83ACD
50FFF3099D124814434BDFD8225744AAE805F99B2F471BF862F9AFBF2492CE320122E840A547694E43EA28AABE40CE
2A87BA382EEEABEE5DCED76557CCF6B3DA783BEDCFB61C6DD215D46277380D0EFBB15B7A8754EAF15DCE904A48DFBE
378D665A0F99C42D961C4190B57884A7ABACCBC631560DDACC33D8C52C222A50B7546C04844912F4D2AB48BD217FBE
5D1D62C3A892E0E9D28BFCDC3AFC64C02AC840AD4FC7A2D6F7E0D1A2E68F020300FC87

Certificate policies:

0.2.216.1.100.42.1.200.2

cPSuri = http://cp.kgyhsz.gov.hu

userNotice = A hitelesítés-szolgáltató egyaránt jogosult közigazgatási felhasználásra szolgáló, hivatali aláíráshoz és ügyfél által használt aláíráshoz kapcsolódó tanúsítványok kibocsátására. Minden felelősség kizárva a hitelesítési rendben foglaltak szerint.

CRL distribution points:

http://crl.kgyhsz.gov.hu/KGYHSZ_CA_20091210.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIGVzCCBT+gAwIBAgIEQ3yU0DANBgkqhkiG9w0BAQsFADBIMQswCQYDVQQGEwJodTE5MDcGA1UE
AwwwS0dZSFNaIChQdWJsaWMgQWRtaW5pc3RyYXRpb24gUm9vdCBDQSAtIEh1bmdhcnkpMB4XDTEx
MDIxNjA5Mjc0N1oXDTIxMDIxNjA5NTc0N1owgZgxCzAJBgNVBAYTAkhVMREwDwYDVQQHDAhCdWRh
cGVzdDEVMBBMGA1UECgwMTmV0TG9jayBLZnQuMT8wPQYDVQQDDDZOZXRMb2NrIEvDtnppZ2F6Z2F0
w6FzaSAoQ2xhc3MgQikgVGFuw7pzw610dsOhbnlraWFkw7MxHjAcBgkqhkiG9w0BCQEWD21uZm9A
bmV0bG9jay5odTCCASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBANLhba8GS0r9HekPxrDl
iH6uNKo8fyXbMvLLe13uz4wPHhne4B28jGvfz4KP3vjiIZ5pHfH62uPh0DpK7M/VlH/a32ULAFuK
gzitMQgXvlAJV9DoOs1Q//MJnRJIFENL39giV0Sq6AX5my9HG/hi+a+/JJLOMgEi6EClR2lOQ+oo
qr5AziqHujgu7qvuXc7XZVfM9rPaeDvtz7YcbdIV1GJ30A0O+7FbeodU6vFdzpBKSN++N41mWg+Z
xC2WHEGQtXiEp6usy8YxVg3azDPYxSwiKlC3VGwEhEkS9NKrSL0hf75dHWLDqJLg6dKL/Nw6/GTA
KshArU/Hotb34NGi5o8CAwD8h6OCAvYwggLyMA4GA1UdDwEB/wQEAwIBBjASBgNVHRMBAf8ECDAG
AQH/AgEAMIICSAYDVR0gBIICPzCCAjswggI3BgoCgVgBZCoBgUgCMIICJzAjBggrBgEFBQcCARYX
aHR0cDovL2NwLmtuneWhzei5nb3YuaHUwggH+BggrBgEFBQcCAjCCAfAeggHsAEEAIABoAGkAdABl
AGwAZQBzAOOAdADpAHMALQBzAHoAbwBsAGcA4QBsAHQAYQBQB0APMAIABlAGcAeQBhAHIA4QBuAHQA
IABqAG8AZwBvAHMAdQBsAHQAIABrAPYAegBpAGcAYQB6AGcAYQB0AOEAcwBpACAAZgBlAGwAaABh
AHMAegBuAOEAbADhAHMAcgBhACAAcwB6AG8AbABnAOEAbADzACwAIABoAGkAdgBhAHQAYQBsAGkA
IABhAGwA4QDtAHIA4QBzAGgAbwB6ACAA6QBzACAA/ABnAHkAZgDpAGwAIABhAGwAdABhAGwAIABo
AGEAcwB6AG4A4QBsAHQAIABhAGwA4QDtAHIA4QBzAGgAbwB6ACAAawBhAHAAYwBzAABpAZADz
8wAgAHQAYQBuAPoAcwDtAHQAdgDhAG4AeQBvAGsAIABrAGkAYgBvAGMAcwDhAHQA4QBzAE0cgBh
AC4AIABNAGkAbgBkAGUAbgAgAGYAZQBsAGUAbAFRAHMAcwDpAGcAIABrAGkAegDhAHIAdgBhACAA
YQAgAGgAaQB0AGUAbABlAHMA7QB0AOkAcwBpACAAcgBlAGUAZABiAGUAbgAgAGYAbwBnAGwAYQBs
AHQAYQBrACAAcwB6AGUAcgBpAG4AdAAuMEAGA1UdHwQ5MDcwNaAzoDGGL2h0dHA6Ly9jcmwua2d5
aHN6Lmdvdi5odS9LR1lIU1pfQ0FfMjAw0TEyMTAuY3JsMB8GA1UdIwQYMBaAFPyc5sawCuofl/p+
LiAFaFwHSsLiMB0GA1UdDgQWBBSgZ0ZB2DR9RPObpnNPlewlTz2D/jANBgkqhkiG9w0BAQsFAAOC
AQEAbvt+cbkCY+X6iMuXX3Kv5dzSICZFr4nDfx1rr6wklVzwRuHqTddT/AV8vC+1uDMt5Rk0J3QK
RQbshN0d5SDQQbJ0fhEcCiKhV0uCVBgmbRBiJBM6PQp52k0GFxEFG8VL7LEPkqvnJF9rpujtkAoP
TddsHPsMCulnQjiXNbKaE8LblK6GjnRYH5QHqGEsSCImrTkbwyPQKbUre5S90cWl9FMjQEuW3PE1
ATnlLWHiW/mXcfKoyySqP3u+fd5adXCp5/hWBXzlSsnvMU3G+7outIw0Pi9YtnKmLavs9SUK5xlp
nK8vykEizOJzy88KltakeTNB7DkPoBqjoJglHsNF0g==
-----END CERTIFICATE-----

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/recognisedatnationallevel

For trust services listed under a service type specified in clause 5.5.1.2: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved" status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in Regulation (EU) No 910/2014 and the applicable national legislation.
For NationalRootCA-QC type: The service is set by national law in accordance with the applicable European legislation and operated by the responsible national body issuing root-signing or qualified certificates to accredited trust service providers.
For other trust services listed under a service type specified in clause 5.5.1.3: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved"status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in the applicable national legislation.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: http://crl1.netlock.hu/index.cgi?crl=bkozig256

http://crl2.netlock.hu/index.cgi?crl=bkozig256

http://crl3.netlock.hu/index.cgi?crl=bkozig256

2.6.15.1. NetLock Közigazgatási (Class B) Tanúsítványkiadó

```
Provider: 6
Service: 15
History: 1/1
```

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.

Service name:

English: NetLock Közigazgatási (Class B) Tanúsítványkiadó

Hungarian: NetLock Közigazgatási (Class B) Tanúsítványkiadó

Service digital identity: *Subject key identifier:*

A0 67 46 41 D8 34 7D 44 F3 9B A6 73 4F 95 EC 25 4F 3D 83 FE

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2011-02-16T09:27:47.000Z   (16 Feb 2011 10:27:47 CET)

2.6.16. NetLock Közjegyzői (Class A) Tanúsítványkiadó

Provider: 6
Service: 16

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.

Service name:

English: NetLock Közjegyzői (Class A) Tanúsítványkiadó

Hungarian: NetLock Közjegyzői (Class A) Tanúsítványkiadó

Service digital identity: *Subject key identifier:*

88 68 D8 3B 77 37 A0 29 4B 2C D6 09 68 B7 80 89 8B 57 D4 EA

Service digital identity: *Version:*

3

Serial number:

80 544 274 841 636 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

CN=NetLock Közjegyzői (Class A) Tanúsítványkiadó,OU=Tanúsítványkiadók (Certification Services),O=NetLock Kft.,L=Budapest,C=HU

Issuer:

CN=NetLock Arany (Class Gold) Főtanúsítvány,OU=Tanúsítványkiadók (Certification Services),O=NetLock Kft.,L=Budapest,C=HU

Subject key identifier:

88 68 D8 3B 77 37 A0 29 4B 2C D6 09 68 B7 80 89 8B 57 D4 EA

Authority key identifier:

CC FA 67 93 F0 B6 B8 D0 A5 C0 1E F3 53 FD 8C 53 DF 83 D7 96

Valid from:

2012-08-07T15:14:48.000Z   (07 Aug 2012 17:14:48 CEST)

Valid to:

2027-10-23T15:14:48.000Z   (23 Oct 2027 17:14:48 CEST)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = 4

Thumbprint:

SHA-1:

73:ED:0C:B5:D7:10:12:CE:5F:21:D9:67:6C:8B:3F:6B:68:08:B9:DF

SHA-256:

75:89:4D:4C:94:C2:2D:72:96:EE:19:FB:44:76:23:25:8C:25:91:B1:70:31:28:8B:B3:86:A2:0A:A1:F0:E0:A6

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100C37EDB0FD9CFED5E941340C62039E7EAE74AD4EDBEC597803F22023AFF9F3A4DC14FFF5C63AF
95F995B8173C143EB812AE26B24D4EA1CEA91CA6D13B05A331FD2323684BE364F8B961CB6C5DAEA9B612F95C6A2CF9
27838691C506B0384751DA84273E831912A798527C12176C2CDE66393AE4DEBCF97B3981C5941AE8675FE647EAD691
39FB15D0B2003138C8756945D6A3E1E46A11F3BC0F4D7E9EF6CE39C440FC8E98DF6A6181A78DB0AF93F41330520F43
1380D78DAD43E8D868A63BF0FCA6959F404975F8BFC493092174E5B4E5E092AC4B0D66FDD983AB5233642256497A94
26DD142148F0547B7BB60D29DBA4DDECDCA2BEB96906D8FB813BBD5C1D3D020300E52D

Certificate policies:

not present

CRL distribution points:

http://crl1.netlock.hu/index.cgi?crl=gold

http://crl2.netlock.hu/index.cgi?crl=gold

http://crl3.netlock.hu/index.cgi?crl=gold

PEM format:

-----BEGIN CERTIFICATE-----
MIIGJDCCBQygAwIBAgIGSUEs5AAkMA0GCSqGSIb3DQEBCwUAMIGnMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFTATBgNVBAoMDE5ldExvY2sgS2Z0LjE3MDUGA1UECwwuVGFuw7pzav610
dsOhbnlraWFkw7NrIChDZXJ0aWZpY2F0aW9uIFNlcnZpY2VzKTE1MDMGA1UEAwwsTmV0TG9jayBB
cmFueSAoQ2xhc3MgR29sZCkgRsWRdGFuw7pzav610dsOhbnkwHhcNMTIwODA3MTUxNDQ4WhcNMjcx
MDIzMTUxNDQ4WjCBrjELMAkGA1UEBhMCSFUxETAPBgNVBAcMCEJ1ZGFwZXN0MRUwEwYDVQQKDAxO
ZXRMb2NrIEtmdC4xNzA1BgNVBAsMLlRhbsO6c8OtdHbDoW55a2lhZMOzayAoQ2VydGlmaWNhdGlv
biBTZXJ2aWNlcykxPDA6BgNVBAMMM05ldExvY2sgS802emplZ3l6xZFpIChDbGFzcyBBKSBUYW7D
unPDrXR2w6FueWtpYWTDszCCASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAMN+2w/Zz+1e
lBNAxiA55+rnStTtvsWXgD8iAjr/nzpNwU//XGOvlfmVuBc8FD64Eq4msk1Ooc6pHKbROwWjMf0j
I2hL42T4uWHLbF2uqbYS+VxqLPkng4aRxQawOEdR2oQnPoMZEqeYUnwSF2ws3mY5OuTevPl7OYHF
lBroZ1/mR+rWkTn7FdCyADE4yHVpRdaj4eRqEf08D01+nvbOOcRA/I6Y32phgaeNsK+T9BMwUg9D
E4DXja1D6Nhopjvw/KaVn0BJdfi/xJMJIXTltOXgkqxLDWb92YOrUjNkIlZJepQm3RQhSPBUe3u2
DSnbpN3s3KK+uWkG2PuBO71cHT0CAwDlLaOCAkswggJHMBIGA1UdEwEB/wQIMAYBAf8CAQQwDgYD
VR0PAQH/BAQDAgEGMB8GA1UdIwQYMBaAFMz6Z5PwtrjQpcAe81P9jFPfg9eWMB0GA1UdDgQWBBSI
aNg7dzegKUss1glot4CJi1fU6jCCAT4GCCsGAQUFBwEBBIIBMDCCASwwLAYIKwYBBQUHMAGGIGh0
dHA6Ly9vY3NwLnNuZXRsb2NrLmh1L2dvbGQuY2dpMCwGCCsGAQUFBzABhiBodHRwOi8vb2NzcDIu
bmV0bG9jay5odS9nb2xkLmNnaTAsBggrBgEFBQcwAYYgaHR0cDovL29jc3AzLm5ldGxvY2suaHUv
Z29sZC5jZ2kwNAYIKwYBBQUHMAKGKGh0dHA6Ly9haWExLm5ldGxvY2suaHUvaW5kZXguY2dpP2Nh
PWdvbGQwNAYIKwYBBQUHMAKGKGh0dHA6Ly9haWEyLm5ldGxvY2suaHUvaW5kZXguY2dpP2NhPWdv
bGQwNAYIKwYBBQUHMAKGKGh0dHA6Ly9haWEzLm5ldGxvY2suaHUvaW5kZXguY2dpP2NhPWdvbGQw
gZ4GA1UdHwSBljCBkzAvoC2gK4YpaHR0cDovL2NybDEubmV0bG9jay5odS9pbmRleC5jZ2k/Y3Js
PWdvbGQwL6AtoCuGKWh0dHA6Ly9jcmwyLm5ldGxvY2suaHUvaW5kZXguY2dpP2NybD1nb2xkMC+g
LaArhilodHRwOi8vY3JsMy5uZXRsb2NrLmh1L2luZGV4LmNnaT9jcmw9Z29sZDANBgkqhkiG9w0B
AQsFAAOCAQEAAJi2V4A3lPlg4+aCEn8frKrhS4fhqmPfSCcFoj605cYEAD3/Z594FICYWE9Ij4Je
fsvGHFotzueSpCVgrwEWFTmbVZJmd4yM+1AnZtvRxLmcolDWOQQngjHi+A+a3BGR4BV2Yyht07yJ
hVyzBC33nT1KO1K8aaCeED5KU2chvHruVAIFQlxuujqkL4oHQ3nPNio7hhE2rmxUdnxnGZ9XLzxc
Lm32saAgXN68PUGsD9uH57nwPhokt/tpu8jhRSsbhPfB8l7tatL8F2vYx4wh6hQpS0SfbYJb9Qj/
kjLzCNjKasB9OibwkeEdgtFI0qGtMbwcBXedoMaszxAYU5lnvA==
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/recognisedatnationallevel

For trust services listed under a service type specified in clause 5.5.1.2: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved" status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in Regulation (EU) No 910/2014 and the applicable national legislation.

For NationalRootCA-QC type: The service is set by national law in accordance with the applicable European legislation and operated by the responsible national body issuing root-signing or qualified certificates to accredited trust service providers.

For other trust services listed under a service type specified in clause 5.5.1.3: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved"status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in the applicable national legislation.

Status starting time:	2016-06-30T22:00:00.000Z (01 Jul 2016 00:00:00 CEST)
Service supply points:	http://crl1.netlock.hu/index.cgi?crl=caca
	http://crl2.netlock.hu/index.cgi?crl=caca
	http://crl3.netlock.hu/index.cgi?crl=caca

Status starting time:	2016-06-30T22:00:00.000Z (01 Jul 2016 00:00:00 CEST)
Service supply points:	http://crl1.netlock.hu/index.cgi?crl=caca
	http://crl2.netlock.hu/index.cgi?crl=caca
	http://crl3.netlock.hu/index.cgi?crl=caca

2.6.16.1. NetLock Közjegyzői (Class A) Tanúsítványkiadó

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

> *A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.*

Service name:

English: NetLock Közjegyzői (Class A) Tanúsítványkiadó

Hungarian: NetLock Közjegyzői (Class A) Tanúsítványkiadó

Service digital identity: *Subject key identifier:*

88 68 D8 3B 77 37 A0 29 4B 2C D6 09 68 B7 80 89 8B 57 D4 EA

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2012-08-07T15:14:48.000Z   (07 Aug 2012 17:14:48 CEST)

2.6.17. NetLock Közjegyzői Eat. (Class A Legal) Tanúsítványkiadó

Provider: 6
Service: 17

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.

Service name:

English: NetLock Közjegyzői Eat. (Class A Legal) Tanúsítványkiadó

Hungarian: NetLock Közjegyzői Eat. (Class A Legal) Tanúsítványkiadó

Service digital identity: *Subject key identifier:*

0C 50 5B 1E 61 EB F6 8F 9F 8F 2B 4D E5 A2 A3 7D 47 58 4F 27

Service digital identity: *Version:*

3

Serial number:

80 544 274 841 637 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

CN=NetLock Közjegyzői Eat. (Class A Legal) Tanúsítványkiadó,OU=Tanúsítványkiadók (Certification Services),O=NetLock Kft.,L=Budapest,C=HU

Issuer:

CN=NetLock Arany (Class Gold) Főtanúsítvány,OU=Tanúsítványkiadók (Certification Services),O=NetLock Kft.,L=Budapest,C=HU

Subject key identifier:

0C 50 5B 1E 61 EB F6 8F 9F 8F 2B 4D E5 A2 A3 7D 47 58 4F 27

Authority key identifier:

CC FA 67 93 F0 B6 B8 D0 A5 C0 1E F3 53 FD 8C 53 DF 83 D7 96

Valid from:

2012-08-07T15:16:59.000Z   (07 Aug 2012 17:16:59 CEST)

Valid to:

2027-10-23T15:16:59.000Z   (23 Oct 2027 17:16:59 CEST)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = 4

Thumbprint:

SHA-1:

71:7E:DF:F4:56:26:FD:A7:8E:59:0B:B5:40:E7:42:15:C3:CE:38:2C

SHA-256:

AD:47:88:3A:48:C8:6A:34:69:E3:2C:97:2B:39:A3:EE:15:58:04:D3:2B:F5:3F:F0:02:00:0B:CA:11:D2:95:D9

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100B868144843A6E443DA56B4CD97F3AE59F826347015B61FD009DB5D0870B62D88124BED54E706
B18F678CF8A73FD6B5B379DF6E1CF0A0E1121C2AA0388F0591536FEFE23BCF9AFF7833F9F7BD9AD290ECBC66F9F44E
6626A2082D6D3646A6D8BBAFA5CE7D0CD65CFB9D8ABCAB15E89F3ECC2C7ED4D4C913A8F9721BF8E92E410D5931C533
048433A18A248135B73C654A11B1AD673A92494265374394FDB23852916F205E838DE7380A2E08F28D319E85C0DA65
5A7941183BAF789B2EFA9CD858ED5A8273B1A9D628B10FCE00C007D06A9072317E33987DF9D8B086EB2FF5665D0340
0ECCF4FB62E9BCBC8A44992BDBA02937162119EB71270CFFFA32AE3B3FAB020300E401

Certificate policies:

not present

CRL distribution points:

http://crl1.netlock.hu/index.cgi?crl=gold

http://crl2.netlock.hu/index.cgi?crl=gold

http://crl3.netlock.hu/index.cgi?crl=gold

PEM format:

-----BEGIN CERTIFICATE-----
MIIGLzCCBRegAwIBAgIGSUEs5AAlMA0GCSqGSIb3DQEBCwUAMIGnMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFTATBgNVBAoMDE5ldExvY2sgS2Z0LjE3MDUGA1UECwwuVGFuw7pzw6l0
dsOhbnlraWFkw7NrIChDZXJ0aWZpY2F0aW9uIFNlcnZpY2VzKTE1MDMGA1UEAwwsTmV0TG9jayBB
cmFueSAoQ2xhc3MgR29sZCkgRsWRdGFuw7pzw6l0dsOhbnkwHhcNMTIwODA3MTUxNjU5WhcNMjcx
MDIzMTUxNjU5WjCBuTELMAkGA1UEBhMCSFUxETAPBgNVBAcMCEJ1ZGFwZXN0MRUwEwYDVQQKDAxO
ZXRMb2NrIEtmdC4xNzA1BgNVBAsMLlRhbsO6c8OtdHbDoW55a2lhZM82oayAoQ2VydGlmaWNhdGlv
biBTZXJ2aWNlcykxRzBFBgNVBAMMPk5ldExvY2sgS802emplZ3l6xZfpIEVhdC4gKENsYXNzIEEg
TGVnYWwpIFRhbsO6c8OtdHbDoW55a2lhZM0zMIIBIjANBgkqhkiG9w0BAQEFAAOCAQ8AMIIBCgKC
AQEAuGgUSEOm5EPaVrTNl/OuWfgmNHAVth/QCdtdCHC2LYgSS+1U5waxj2eM+Kc/1rWzed9uHPCg
4RIcKqA4jwWRU2/v4jvPmv94M/n3vZrSkOy8Zvn0TmYmoggtbTZGpti7r6XOfQzWXPudiryrFeif
PswsftTUyROo+XIb+OkuQQ1ZMcUzBIQzoYokgTW3PGVKEbGtZzqSSUJlN0OU/bI4UpFvIF6Djec4
Ci4I8o0xnoXA2mVaeUEYO694my76nNhY7VqCc7Gp1iixD84AwAfQapByMX4zmH352LCG6y/1Zl0D
QA7M9Pti6by8ikSZK9ugKTcWIRnrcScM//oyrjs/qwIDAQQBo4ICSzCCAkcwEgYDVR0TAQH/BAgw
BgEB/wIBBDA0BgNVHQ8BAf8EBAMCAQYwHwYDVR0jBBgwFoAUzPpnk/C2uNClwB7zU/2MU9+D15Yw
HQYDVR0OBBYEFAxQWx5h6/aPn48rTeWio31HWE8nMIIBPgYIKwYBBQUHAQEEggEwMIIBLDAsBggr
BgEFBQcwAYYgaHR0cDovL29jc3AxLm5ldExvY2suaHUvZ29sZC5jj2kwLAYIKwYBBQUHMAGGIGh0
dHA6Ly9vY3NNwMi5uZXRsb2NrLmh1L2dvbGQuY2dpMCwGCCsGAQUFBzABhiBodHRwOi8vb2NzcDMu
bmV0bG9jay5odS9nb2xkLmNnaTA0BggrBgEFBQcwAoYoaHR0cDovL2FpYTEubmV0bG9jay5odS9p
bmRleC5jZ2k/Y2E9Z29sZDA0BggrBgEFBQcwAoYoaHR0cDovL2FpYTIubmV0bG9jay5odS9pbmRl
eC5jZ2k/Y2E9Z29sZDA0BggrBgEFBQcwAoYoaHR0cDovL2FpYTMubmV0bG9jay5odS9pbmRleC5j
Z2k/Y2E9Z29sZDCBngYDVR0fBIGWMIGTMC+gLaArhilodHRwOi8vY3JsMS5uZXRsb2NrLmh1L2lu
ZGV4LmNnaT9jcmw9Z29sZDAvoC2gK4YpaHR0cDovL2NybDIubmV0bG9jay5odS9pbmRleC5jZ2k/
Y3JsPWdvbGQwL6AtoCuGKWh0dHA6Ly9jcmwzLm5ldExvY2suaHUvaW5kZXguY2dpP2NybD1nb2xk
MA0GCSqGSIb3DQEBCwUAA4IBAQA1wvArJrUDXY5wXOvVmFbw2PAaRfJicuMJw2NMHk3WJgYBI77Y
G3BHIaV5h1RKmP/VKyfBKU15UjBG+gpwdYQODgNPFWupU+DzdxBStDVMWzoZISAA3nvqoJteqXBm
ZmyAPXk+KDyLJmUIarWjkLvVmnofnwTyIIRkX5oqoClN+w3naAQ+wOIH1qmAVUbsGaOWi+i8Nqu8
ktV4+Rq4m5g7Or/ZArZZ8hhiwyntsISsXXbFsPMPgJuIwCYf7MV/qBP6ZjHxtGEULQAezxyZrGTM
WvJlLMWw/7WblPgV739EuMnTsNFtShcZOlL70XbR3eYUIu99Py6lrpr6pniGwc43
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/recognisedatnationallevel

For trust services listed under a service type specified in clause 5.5.1.2: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved" status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in Regulation (EU) No 910/2014 and the applicable national legislation.

For NationalRootCA-QC type: The service is set by national law in accordance with the applicable European legislation and operated by the responsible national body issuing root-signing or qualified certificates to accredited trust service providers.

For other trust services listed under a service type specified in clause 5.5.1.3: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved"status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in the applicable national legislation.

Status starting time:	2016-06-30T22:00:00.000Z (01 Jul 2016 00:00:00 CEST)
Service supply points:	http://crl1.netlock.hu/index.cgi?crl=calca
	http://crl2.netlock.hu/index.cgi?crl=calca
	http://crl3.netlock.hu/index.cgi?crl=calca

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points:

http://crl1.netlock.hu/index.cgi?crl=calca

http://crl2.netlock.hu/index.cgi?crl=calca

2.6.17.1. NetLock Közjegyzői Eat. (Class A Legal) Tanúsítványkiadó

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

> *A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.*

Service name:

English: NetLock Közjegyzői Eat. (Class A Legal) Tanúsítványkiadó

Hungarian: NetLock Közjegyzői Eat. (Class A Legal) Tanúsítványkiadó

Service digital identity: *Subject key identifier:*

0C 50 5B 1E 61 EB F6 8F 9F 8F 2B 4D E5 A2 A3 7D 47 58 4F 27

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2012-08-07T15:16:59.000Z   (07 Aug 2012 17:16:59 CEST)

2.6.18. NetLock OnlineSSL (Class Online) Tanúsítványkiadó

Provider: 6
Service: 18

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

> *A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.*

Service name:

English: NetLock OnlineSSL (Class Online) Tanúsítványkiadó

Hungarian: NetLock OnlineSSL (Class Online) Tanúsítványkiadó

Service digital identity: *Subject key identifier:*

9B 15 98 EA B2 4C F9 EA CC 81 57 73 C2 DA 51 E9 79 8C EE FD

Service digital identity: *Version:*

3

Serial number:

80 544 274 841 639 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

CN=NetLock OnlineSSL (Class Online) Tanúsítványkiadó,OU=Tanúsítványkiadók (Certification Services),O=NetLock Kft.,L=Budapest,C=HU

Issuer:

CN=NetLock Arany (Class Gold) Főtanúsítvány,OU=Tanúsítványkiadók (Certification Services),O=NetLock Kft.,L=Budapest,C=HU

Subject key identifier:

9B 15 98 EA B2 4C F9 EA CC 81 57 73 C2 DA 51 E9 79 8C EE FD

Authority key identifier:

CC FA 67 93 F0 B6 B8 D0 A5 C0 1E F3 53 FD 8C 53 DF 83 D7 96

Valid from:

2012-08-07T15:19:06.000Z   (07 Aug 2012 17:19:06 CEST)

Valid to:

2027-10-23T15:19:06.000Z   (23 Oct 2027 17:19:06 CEST)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = 4

Thumbprint:

SHA-1:

3D:39:C2:E4:06:F6:D1:DC:5E:12:41:88:1A:19:64:45:58:8C:E8:0D

SHA-256:

CC:9F:72:54:4F:F6:17:C1:4C:EB:E8:28:31:94:A7:0F:1E:89:81:CF:16:3D:5A:3F:D8:DC:CF:D8:46:D5:DC:1A

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100D840443EE833629C2DB43B67389F8C80DD2BF91BC9506F445851E811F08D33ACFFEC2D88BFDD
DDABFC058F7F2CA5D8C442FA886574A82A337DCCFAF00E82AD70D4E8E3F7D4F9371B43DB2E56A86F7F96B9AC30C59A
BB2A9CAB52E8D1AB9F788C7180DAF0237424E12965A6F61E381EFD9F988428A638C5AA60A5AE9EDB0BAA6611B0FD96
D307F6E6B848011D4921BC7352F8461E16FF51236E338B1FA83169A1321142BE39D45127C54FC16B929FB6F41C6A74
92B88C91C76C38AD9356C5D490E1D88B8F2397F01B75B08E565A4EDA746D2DE14CF233728B1FFFE5EBEC750DE756CF
CF0BC500991FD35032CD3215B9719A521A5C16E42AD7F28E71D620F918650203009393

Certificate policies:

not present

CRL distribution points:

http://crl1.netlock.hu/index.cgi?crl=gold

http://crl2.netlock.hu/index.cgi?crl=gold

http://crl3.netlock.hu/index.cgi?crl=gold

PEM format:

-----BEGIN CERTIFICATE-----
MIIGJjCCBQ6gAwIBAgIGSUEs5AAnMA0GCSqGSIb3DQEBCwUAMIGnMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFTATBgNVBAoMDE5ldExvY2sgS2Z0LjE3MDUGA1UECwwuVGFuw7pzdv610
ds0hbnlraWFkw7NrIChDZXJ0aWZpY2F0aW9uIFNlcnZpY2VzKTE1MDMGA1UEAwwsTmV0TG9jayBB
cmFueSAoQ2xhc3MgR29sZCkgRsWRdGFuw7pzdv610ds0hbnkwHhcNMTIwODA3MTUxOTA2WhcNMjcx
MDIzMTUx0TA2WjCBsDELMAkGA1UEBhMCSFUxETAPBgNVBAcMCEJ1ZGFwZXN0MRUwEwYDVQQKDAxO
ZXRMb2NrIEtmdC4xNzA1BgNVBAsMLlRhbsO6c80tdHbDoW55a2lhZM0zayAoQ2VydGlmaWNhdGlv
biBTZXJ2aWNlcykxPjA8BgNVBAMMNU5ldExvY2sgT25saW5lIU1NMIChDbGFzcyBPbmxpbmUpIFRh
bsO6c80tdHbDoW55a2lhZM0zMIIBIjANBgkqhkiG9w0BAQEFAAOCAQ8AMIIBCgKCAQEA2EBEPugz
YpwttDtnOJ+MgN0r+RvJUG9EWFHoEfCNM6z/7C2Iv93dq/wFj38spdjEQvqIZXSoKjN9zPrwDoKt
cNTo4/fU+TcbQ9suVqhvf5a5rDDFmrsqnKtS6NGrn3iMcYDa8CN0JOEpZab2Hjge/Z+YhCimOMWq
YKWuntsLqmYRsP2W0wf25rhIARlJIbxzUvhGHhb/USNuM4sfqDFpoTIRQr451FEnxU/Ba5KftvQc
anSSuIyRx2w4rZNWxdSQ4diLjy0X8Bt1sI5WWk7adG0t4UzyM3KLH//l6+x1DedWz88LxQCZH9NQ
Ms0yFblxmlIaXBbkKtfyjnHWIPkYZQIDAJOTo4ICSzCCAkcwEgYDVR0TAQH/BAgwBgEB/wIBBDAO
BgNVHQ8BAf8EBAMCAQYwHwYDVR0jBBgwFoAUzPpnk/C2uNClwB7zU/2MU9+D15YwHQYDVR0OBBYE
FJsVmOqyTPnqzIFXc8LaUel5jO79MIIBPgYIKwYBBQUHAQEEggEwMIIBLDAsBggrBgEFBQcwAYYg
aHR0cDovL29jc3AxLm5ldGxvY2suaHUvZ29sZC5jZ2kwLAYIKwYBBQUHMAGGIGh0dHA6Ly9vY3Nw
Mi5uZXRsb2NrLmh1L2dvbGQuY2dpMCwGCCsGAQUFBzABhiBodHRwOi8vb2NzcDMubmV0bG9jay5o
dS9nb2xkLmNnaTA0BggrBgEFBQcwAoYoaHR0cDovL2FpYTEubmV0bG9jay5odS9pbmRleC5jZ2k/
Y2E9Z29sZDA0BggrBgEFBQcwAoYoaHR0cDovL2FpYTIubmV0bG9jay5odS9pbmRleC5jZ2k/Y2E9
Z29sZDA0BggrBgEFBQcwAoYoaHR0cDovL2FpYTMubmV0bG9jay5odS9pbmRleC5jZ2k/Y2E9Z29s
ZDCBngYDVR0fBIGWMIGTMC+gLaArhilodHRwOi8vY3JsMS5uZXRsb2NrLmh1L2luZGV4LmNnaT9j
cmw9Z29sZDAvoC2gK4YpaHR0cDovL2NybDIubmV0bG9jay5odS9pbmRleC5jZ2k/Y3JsPWdvbGQw
L6AtoCuGKWh0dHA6Ly9jcmwzLm5ldGxvY2suaHUvaW5kZXguY2dpP2NybD1nb2xkMA0GCSqGSIb3
DQEBCwUAA4IBAQATKlNgusGMNdhxjqKKmHFFpbMMFq6z+sDCc/flLvX659Z/+JXpIJVjpfqHUR+d
44L5HgaPdHcI0dhlv0vlIUKz2MzhVNiKajJIdJ1Wd9Mf4BV3B3UzphFq1sGkhL0uSqsQ8JTEXi4a
ekr0Co4VTF2KtEb/wozIGWilyfl4rrXbRMug/AzEjN7qcmRchZKPzsu0AodME0ziRYou+/sfM3Ij
Ba3uXj4uIUKMr+92CI51yMEtyiYinHxsPnnRDOXTpeNyM+Fbwxujj0FO2WbbYShrR33zOwldPhDs
KH22azkJFcOONZy29ggpabJ+Rf6opJz2ks17jJLQQeEBY7vPNyqb
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/recognisedatnationallevel

For trust services listed under a service type specified in clause 5.5.1.2: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved" status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in Regulation (EU) No 910/2014 and the applicable national legislation.

For NationalRootCA-QC type: The service is set by national law in accordance with the applicable European legislation and operated by the responsible national body issuing root-signing or qualified certificates to accredited trust service providers.

For other trust services listed under a service type specified in clause 5.5.1.3: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved"status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in the applicable national legislation.

Status starting time:	2016-06-30T22:00:00.000Z (01 Jul 2016 00:00:00 CEST)
Service supply points:	http://crl1.netlock.hu/index.cgi?crl=olsslgca
	http://crl2.netlock.hu/index.cgi?crl=olsslgca
	http://crl3.netlock.hu/index.cgi?crl=olsslgca

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points:

http://crl1.netlock.hu/index.cgi?crl=olsslgca

http://crl2.netlock.hu/index.cgi?crl=olsslgca

http://crl3.netlock.hu/index.cgi?crl=olsslgca

2.6.18.1. NetLock OnlineSSL (Class Online) Tanúsítványkiadó

```
Provider: 6
Service: 18
History: 1/1
```

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

> *A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.*

Service name:

English: NetLock OnlineSSL (Class Online) Tanúsítványkiadó

Hungarian: NetLock OnlineSSL (Class Online) Tanúsítványkiadó

Service digital identity: *Subject key identifier:*

9B 15 98 EA B2 4C F9 EA CC 81 57 73 C2 DA 51 E9 79 8C EE FD

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2012-08-07T15:19:06.000Z   (07 Aug 2012 17:19:06 CEST)

2.6.19. NETLOCK Trust Advanced Plus CA

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.

Service name:

English: NETLOCK Trust Advanced Plus CA

Hungarian: NETLOCK Trust Advanced Plus CA

Service digital identity: *Subject key identifier:*

D9 05 F5 45 A8 C4 C3 93 E4 82 98 B7 09 79 F2 F7 2D EA BC F7

Service digital identity: *Version:*

3

Serial number:

80 544 274 841 662 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

CN=NETLOCK Trust Advanced Plus CA,O=NETLOCK Ltd.,L=Budapest,C=HU

Issuer:

CN=NetLock Arany (Class Gold) Főtanúsítvány,OU=Tanúsítványkiadók (Certification Services),O=NetLock Kft.,L=Budapest,C=HU

Subject key identifier:

D9 05 F5 45 A8 C4 C3 93 E4 82 98 B7 09 79 F2 F7 2D EA BC F7

Authority key identifier:

CC FA 67 93 F0 B6 B8 D0 A5 C0 1E F3 53 FD 8C 53 DF 83 D7 96

Valid from:

2016-04-14T14:11:33.000Z   (14 Apr 2016 16:11:33 CEST)

Valid to:

2028-11-17T14:11:33.000Z   (17 Nov 2028 15:11:33 CET)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = no limit

Thumbprint:

SHA-1:

D3:5F:AC:AB:38:21:37:83:75:88:3F:BE:47:FA:BE:18:51:BA:2C:04

SHA-256:

F2:60:36:70:BE:DE:AD:1D:97:7D:69:92:FA:65:54:E6:CA:59:5B:C5:0F:3B:03:F4:16:DC:F0:F2:0D:AC:36:C2

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100CFDC040CE4836B5C907A6F20C2AB880A4843B89AC77F64755F69733061966AF8403347C93441
B413DD2FF98E5C2EADF4A4D5C2E48FC84975DD18CFECF3FF39D89287D36D3AAD1DF216C5C9D79C954C67E8AD53A3CD
5AFA6C04DB0CD0454688FC24C3BD612D4D3C1EC194C97E5FFFFAC2F9F1807B70EBA3917C3E7D5B83D27F3D70323C68
409E74DE6926D896C16C796BBC94B9C5D2261DF54014380E8540193DF1630F49CF7F4DF62C2B563B0E003C2582F09B
34F6EDC1ECA21D9805CEBE22460F554F46D3CAA277A3E7759332CB82B4F1C92869CBDD4C9245569585F932FA9EFA00
7CB61ECBF10E2D941C432589098505A0197387F4F3A0F68F86BFC685A7C3020300DD13

Certificate policies:

not present

CRL distribution points:

http://crl1.netlock.hu/index.cgi?crl=gold

http://crl2.netlock.hu/index.cgi?crl=gold

http://crl3.netlock.hu/index.cgi?crl=gold

PEM format:

```
-----BEGIN CERTIFICATE-----
MIIF0jCCBLqgAwIBAgIGSUEs5AA+MA0GCSqGSIb3DQEBCwUAMIGnMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFTATBgNVBAoMDE5ldExvY2sgS2Z0LjE3MDUGA1UECwwuVGFuw7pzdv610
dsOhbnlraWFkw7NrIChDZXJ0aWZpY2F0aW9uIFNlcnZpY2VzKTE1MDMGA1UEAwwsTmV0TG9jayBB
cmFueSA0Q2xhc3MgR29zZCkgRsWRdGFuw7pzdv610dsOhbnkwHhcNMTYwNDE0MTQxMTMzWhcNMjgx
MTE3MTQxMTMzWjBgMQswCQYDVQQGEwJIVTERMA8GA1UEBwwIQnVkYXBlc3QxFTATBgNVBAoMDE5F
VExPQQsgTHRkLjEnMCUGA1UEAwweTkVUTE9DSyBUcnVzdCBBZHZhbmNlZCBQbHVzIENBMIIBIjAN
BgkqhkiG9w0BAQEFAAOCAQ8AMIIBCgKCAQEAz9wEDOSDalyQem8gwquICkhDuJrHf2R1X2lzMGGW
avhAM0fJNEGOE90v+Y5cLq30pNXC5I/ISXXdGM/s8/852JKH0206rR3yFsXJ15yVTGforVOjzVr6
bATbDNBFRoj8JMO9YS1NPB7BlMl+X//6wvnxgHtw66ORfD59W4PSfz1wMjxoQJ503mkm2JbBbHlr
vJS5xdImHfVAFDgOhUAZPfFjD0nPf032LCtWOw4APCWC8Js09u3B7KIdmAXOviJGD1VPRtPKonej
53WTMsuCtPHJKGnL3UySRVaVhfky+p76AHy2HsvxDi2UHEMliQmFBaAZc4f086D2j4a/xoWnwwID
AN0To4ICSDCCAkQwDwYDVR0TAQH/BAUwAwEB/zAOBgNVHQ8BAf8EBAMCAQYwHwYDVR0jBBgwFoAU
zPpnk/C2uNClwB7zU/2MU9+D15YwHQYDVR00BBYEFNkF9UWoxMOT5IKYtwl58vct6rz3MIIBPgYI
KwYBBQUHAQEEggEwMIIBLDAsBggrBgEFBQcwAYYgaHR0cDovL29jc3AxLm5ldGxvY2suaHUvZ29s
ZC5jZ2kwLAYIKwYBBQUHMAGGIGh0dHA6Ly9vY3NwMi5uZXRsb2NrLmh1L2dvbGQuY2dpMCwGCCsG
AQUFBzABhiBodHRwOi8vb2NzcDMubmV0bG9jay5odHA6Ly9j3NwbmxkLmNhA0BggrBgEFBQcwAoYoaHR0
cDovL2FpYTEubmV0bG9jay5odS9pbmRleC5jZ2k/Y2E9Z29sZDA0BggrBgEFBQcwAoYoaHR0cDov
L2FpYTIubmV0bG9jay5odS9pbmRleC5jZ2k/Y2E9Z29sZDA0BggrBgEFBQcwAoYoaHR0cDovL2Fp
YTMubmV0bG9jay5odS9pbmRleC5jZ2k/Y2E9Z29sZDCBngYDVR0fBIGWMIGTMC+gLaArhilodHRw
Oi8vY3JsMS5uZXRsb2NrLmh1L2luZGV4LmNnaT9jcmw9Z29sZDAvoC2gK4YpaHR0cDovL2NybDIu
bmV0bG9jay5odS9pbmRleC5jZ2k/Y3JsPWdvbGQwL6AtoCuGKWh0dHA6Ly9jcmwzLm5ldGxvY2su
aHUvaW5kZXguY2dpP2NybD1nb2xkMA0GCSqGSIb3DQEBCwUAA4IBAQBmR21cDtqRhEN+SEYA3QGJ
DNZBIE3JkbDe5vUUsCqRUyniWSkATg78PaUtT7+J9AZPljoh3L7wLAli2Et3Hwi8P2krt9l3Kw7e
nU8XQlBOyn0nbDI8Kw9gC5lNgRga1N4g83EIP5N45cjpGAthkpZDkLGE5bck3aw+6uljySlvPDtv
uRDJFehWiHT0DX4re4DRyF/8G8a/o/tkn5Va672SZ/5Hs1nBMdU565TS/HO8DXoLynbFvgonIOgM
H9MrOLKS0mabV4Lh9pscMDPINWPWB2rK12xOhinQ1gc6HWdD3aGAibq1dr14Eutn0IVOVyvtHBxp
VMDUQRrTW+9QnVk5
-----END CERTIFICATE-----
```

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/recognisedatnationallevel

For trust services listed under a service type specified in clause 5.5.1.2: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved" status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in Regulation (EU) No 910/2014 and the applicable national legislation.

For NationalRootCA-QC type: The service is set by national law in accordance with the applicable European legislation and operated by the responsible national body issuing root-signing or qualified certificates to accredited trust service providers.

For other trust services listed under a service type specified in clause 5.5.1.3: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved"status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in the applicable national legislation.

Status starting time:	2016-06-30T22:00:00.000Z (01 Jul 2016 00:00:00 CEST)
Service supply points:	http://crl1.netlock.hu/index.cgi?crl=trustap
	http://crl2.netlock.hu/index.cgi?crl=trustap
	http://crl3.netlock.hu/index.cgi?crl=trustap

Status starting time:	2016-06-30T22:00:00.000Z (01 Jul 2016 00:00:00 CEST)
Service supply points:	http://crl1.netlock.hu/index.cgi?crl=trustap
	http://crl2.netlock.hu/index.cgi?crl=trustap
	http://crl3.netlock.hu/index.cgi?crl=trustap

2.6.19.1. NETLOCK Trust Advanced Plus CA

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.

Service name:

English: NETLOCK Trust Advanced Plus CA

Hungarian: NETLOCK Trust Advanced Plus CA

Service digital identity: *Subject key identifier:*

D9 05 F5 45 A8 C4 C3 93 E4 82 98 B7 09 79 F2 F7 2D EA BC F7

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2016-04-14T14:11:33.000Z   (14 Apr 2016 16:11:33 CEST)

2.6.20. NETLOCK Trust Advanced CA

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.

Service name:

English: NETLOCK Trust Advanced CA

Hungarian: NETLOCK Trust Advanced CA

Service digital identity: *Subject key identifier:*

6A 9D 0B F8 8A 64 C8 7A 0E 25 64 BF B0 3E 61 B8 1B FF BC 80

Service digital identity: *Version:*

3

Serial number:

80 544 274 841 661 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

CN=NETLOCK Trust Advanced CA,O=NETLOCK Ltd.,L=Budapest,C=HU

Issuer:

CN=NetLock Arany (Class Gold) Főtanúsítvány,OU=Tanúsítványkiadók (Certification Services),O=NetLock Kft.,L=Budapest,C=HU

Subject key identifier:

6A 9D 0B F8 8A 64 C8 7A 0E 25 64 BF B0 3E 61 B8 1B FF BC 80

Authority key identifier:

CC FA 67 93 F0 B6 B8 D0 A5 C0 1E F3 53 FD 8C 53 DF 83 D7 96

Valid from:

2016-04-14T14:10:48.000Z   (14 Apr 2016 16:10:48 CEST)

Valid to:

2028-11-17T14:10:48.000Z   (17 Nov 2028 15:10:48 CET)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = no limit

Thumbprint:

SHA-1:

35:A8:2E:AB:EB:6C:82:85:75:A3:09:22:8C:4F:0A:50:95:9E:62:11

SHA-256:

D8:2F:87:F9:3D:31:D5:FC:81:8D:D6:6B:D5:0E:7F:31:9A:E1:79:FC:1C:5D:00:54:7B:65:8E:8E:B3:F4:CE:56

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100E3C8A3D3F8C255E6FADA3E4F9F84B766929066663E7CD612DD7CA3965B8AF76F9E67418EA715
6E0A5DFC00B3B1942E0B510AFD83DAEFE8F52572A8654857D84B56A0DED34A5F58D81BA76C22B8CD85F59CFA74009E
176012AD6AB1C19031274CD80A83C162871C1965E0E6EAECCA40D839638C36976452263F7E760248CB79EE39058850
CBC23E85902E393572CB0B138A1B0C999853EFD797B7605C77D23E26565D8D5F44A987D92BC7EDE8F34C382522A227
1080AC0569952B4C25FDB95EB5FC8CD275EBC8ECA99D3369D17890F9C68EEDA7239C96A9322D02D58D176DC98C9278
FC994E3EF55A358A4DDAAE3F8D53E6203EA32966442466B54049B80FFC950203009F3F

Certificate policies:

not present

CRL distribution points:

http://crl1.netlock.hu/index.cgi?crl=gold

http://crl2.netlock.hu/index.cgi?crl=gold

http://crl3.netlock.hu/index.cgi?crl=gold

PEM format:

-----BEGIN CERTIFICATE-----
MIIFzTCCBLWgAwIBAgIGSUEs5AA9MA0GCSqGSIb3DQEBCwUAMIGnMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFTATBgNVBAoMDE5ldExvY2sgS2Z0LjE3MDUGA1UECwwuVGFuw7pzw610
dsOhbnlraWFkw7NrIChDZXJ0aWZpY2F0aW9uIFNlcnZpY2VzKTE1MDMGA1UEAwwsTmV0TG9jayBB
cmFueSAoQ2xhc3MgR29sZCkgRsWRdGFuw7pzw610dsOhbnkwHhcNMTYwNDE0MTQxMDQ4WhcNMjgx
MTE3MTQxMDQ4WjBpMQswCQYDVQQGEwJIVTERMA8GA1UEBwwIQnVkYXBlc3QxFTATBgNVBAoMDE5F
VExPQ0sgTHRkLjEiMCAGA1UEAwwZTkVUTE9DSyBUcnVzdCBBZHZhbmNlZCBDQTCCASIwDQYJKoZI
hvcNAQEBBQADggEPADOCAQoCggEBAOPIo9P4wlXm+to+T5+Et2aSkGZmPnzWEt18o5ZbivdvnmdB
jqcVbgpd/ACzsZQuClEK/YPa7+j1JXKoZUhX2EtWoN7TSl9Y2BunbCK4zYX1nPp0AJ4XYBKtarHB
kDEnTNgKg8FihxwZZeDm6uzKQNg5Y4w2l2RSJj9+dgJIy3nuOQWIUMvCPoWQLjk1cssLE4obDJmY
U+/Xl7dgXHfSPiZWXY1fRKmH2SvH7ejzTDglIqInEICsBWmVK0wl/bletfyM0nXry0ypnTNp0XiQ
+caO7acjnJapMi0C1Y0XbcmMknj8mU4+9Vo1ik3arj+NU+YgPqMpZkQkZrVASbgP/JUCAwCfP6OC
AkgwggJEMA8GA1UdEwEB/wQFMAMBAf8wDgYDVR0PAQH/BAQDAgEGMB8GA1UdIwQYMBaAFMz6Z5Pw
trjQpcAe81P9jFPfg9eWMB0GA1UdDgQWBBRqnQv4imTIeg4lZL+wPmG4G/+8gDCCAT4GCCsGAQUF
BwEBBIIBMDCCASwwLAYIKwYBBQUHMAGGIGh0dHA6Ly9vY3NwMS5uZXRsb2NrLmh1L2dvbGQuY2dp
MCwGCCsGAQUFBzABhiBodHRw0i8vb2NzcDIubmV0bG9jay5odS9nb2xkLmNnaTAsBggrBgEFBQcw
AYYgaHR0cDovL29jc3AzLm5ldGxvY2suaHUvZ29sZC5jZ2kwNAYIKwYBBQUHMAKGKGh0dHA6Ly9h
aWExLm5ldGxvY2suaHUvaW5kZXguY2dpP2NhPmdvbGQwNAYIKwYBBQUHMAKGKGh0dHA6Ly9haWEy
Lm5ldGxvY2suaHUvaW5kZXguY2dpP2NhPmdvbGQwNAYIKwYBBQUHMAKGKGh0dHA6Ly9haWEzLm5l
dGxvY2suaHUvaW5kZXguY2dpP2NhPmdvbGQwgZ4GA1UdHwSBljCBkzAvoC2gK4YpaHR0cDovL2Ny
bDEubmV0bG9jay5odS9pbmRleC5jZ2k/Y3JsPWdvbGQwL6AtoCuGKWh0dHA6Ly9jcmwyLm5ldGxv
Y2suaHUvaW5kZXguY2dpP2NybD1nb2xkMC+gLaArhilodHRw0i8vY3JsMy5uZXRsb2NrLmh1L2lu
ZGV4LmNnaT9jcmw9Z29sZDANBgkqhkiG9w0BAQsFAAOCAQEAu/WWlFq6e/Tjqs8NmHbZTsPAYhOC
CAnP/G4p5rElF4qCktg/Pudw17odnvrcFLr+ZqSI7KQcNfSlh915nU9QUBv4lSLE/yP1fr1QRihx
M/MWnA39s754cVW5gCc/DoHu9ZkOw+KkYz+BSDHsGj6o7D4YSjRt9jv4ETz26QkPQlMjVEUOLbSW
h3B7qYCIvdg9sB1d8RfcE9JM5eXeVkkrTWUneN01WAKCY7tVIP0NW+QayIcV5a7btpjRshyZFI4l
+008ld38o/nUwhIz6f+tF+jGCaHo3v7u7gjHiRyPA70vcfOsfQBU/UaK4bz1rBX+D0GwLYJwREya
7uzOLf7oUw==
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/recognisedatnationallevel

For trust services listed under a service type specified in clause 5.5.1.2: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved" status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in Regulation (EU) No 910/2014 and the applicable national legislation.

For NationalRootCA-QC type: The service is set by national law in accordance with the applicable European legislation and operated by the responsible national body issuing root-signing or qualified certificates to accredited trust service providers.

For other trust services listed under a service type specified in clause 5.5.1.3: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved"status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in the applicable national legislation.

Status starting time:	2016-06-30T22:00:00.000Z (01 Jul 2016 00:00:00 CEST)
Service supply points:	http://crl1.netlock.hu/index.cgi?crl=trusta
	http://crl2.netlock.hu/index.cgi?crl=trusta
	http://crl3.netlock.hu/index.cgi?crl=trusta

2.6.20.1. NETLOCK Trust Advanced CA

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.

Service name:

English: NETLOCK Trust Advanced CA

Hungarian: NETLOCK Trust Advanced CA

Service digital identity: *Subject key identifier:*

6A 9D 0B F8 8A 64 C8 7A 0E 25 64 BF B0 3E 61 B8 1B FF BC 80

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2016-04-14T14:10:48.000Z   (14 Apr 2016 16:10:48 CEST)

2.6.21. NETLOCK Trust CA

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

> *A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.*

Service name:

English: NETLOCK Trust CA

Hungarian: NETLOCK Trust CA

Service digital identity: *Subject key identifier:*

53 B9 AA AA 76 E2 01 20 DA C7 51 45 3C 56 E9 96 5E DA 5C E5

Service digital identity: *Version:*

3

Serial number:

80 544 274 841 660 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

CN=NETLOCK Trust CA,O=NETLOCK Ltd.,L=Budapest,C=HU

Issuer:

CN=NetLock Arany (Class Gold) Főtanúsítvány,OU=Tanúsítványkiadók (Certification Services),O=NetLock Kft.,L=Budapest,C=HU

Subject key identifier:

53 B9 AA AA 76 E2 01 20 DA C7 51 45 3C 56 E9 96 5E DA 5C E5

Authority key identifier:

CC FA 67 93 F0 B6 B8 D0 A5 C0 1E F3 53 FD 8C 53 DF 83 D7 96

Valid from:

2016-04-14T14:07:59.000Z   (14 Apr 2016 16:07:59 CEST)

Valid to:

2028-11-17T14:07:59.000Z   (17 Nov 2028 15:07:59 CET)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = no limit

Thumbprint:

SHA-1:

C9:97:6C:E2:41:8A:66:3A:FE:DE:C9:5F:3A:26:24:47:BA:A7:24:60

SHA-256:

58:D7:A1:97:F0:9A:6E:A5:52:B8:EA:6B:1A:53:18:5A:03:0A:3A:D8:D5:22:20:C0:0C:44:E3:F4:50:E4:FB:90

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100D6C90E1D9DA66737299AF2150E6BFB6BE977539D31AAC70F954E38BFED682A6EB3DAE4884F9F
C4B31F97F8577D3C0C3703E2837AB669FD357A298A0C29A72C2481B460E3CB03DCAB91691E49BCD6D4C6C828BC1715
BDEAADDC39B88DD9F15F4A0C46BD1517CE8ED38AFBA7C7F37DBDEDCEB13DF530A9510EB73F0520D76A5458B8739EC2
55AC603ED716BAE4C4137B8005E197750D0598B8BCE1609591B7435CD0FB13197E8997BBD380F2EB84D65E4D760513
1485F228591ECBFE4188D9DF4763A48DD4E8E7EF5C05E8529B3F9DD975075DA7FCC3B642D2E1F91C809A720A2A5772
FB501BD2C82E3747F3FB4272355751B61BF2EBE5B24AD52477AD48874F39020300B647

Certificate policies:

not present

CRL distribution points:

http://crl1.netlock.hu/index.cgi?crl=gold

http://crl2.netlock.hu/index.cgi?crl=gold

http://crl3.netlock.hu/index.cgi?crl=gold

PEM format:

-----BEGIN CERTIFICATE-----
MIIFxDCCBKygAwIBAgIGSUEs5AA8MA0GCSqGSIb3DQEBCwUAMIGnMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFTATBgNVBAoMDE5ldExvY2sgS2Z0LjE3MDUGA1UECwwuVGFuw7pzw610
dsOhbnlraWFkw7NrIChDZXJ0aWZpY2F0aW9uIFNlcnZpY2VzKTE1MDMGA1UEAwwsTmV0TG9jayBB
cmFueSAoQ2xhc3MgR29sZCkgRsWRdGFuw7pzw610dsOhbnkwHhcNMTYwNDE0MTYwNzU5WhcNMjgx
MTE3MTQwNzU5WjBSMQswCQYDVQQGEwJIVTERMA8GA1UEBwwIQnVkYXBlc3QxFTATBgNVBAoMDE5F
VExPQ0sgTHRkLjEZMBcGA1UEAwwQTkVUTE9DSyBUcnVzdCBDQTCCASIwDQYJKoZIhvcNAQEBBQAD
ggEPADCCAQoCggEBANbJDh2dpmc3KZryFQ5r+2vpd1OdMarHD5VOOL/taCpus9rkiE+fxLMfl/hX
fTwMNwPig3q2af01eimKDCmnLCSBtGDjywPcq5FpHkm81tTGyCi8FxW96q3cObiN2fFfSgxGvRUX
zo7Tivunx/N9ve3OsT31MKlRDrc/BSDXalRYuHOewlWsYD7XFrrkxBN7gAXhl3UNBZi4vOFglZG3
QlzQ+xMZfomXu9OA8uuE1l5NdgUTFIXyKFkey/5BiNnfR2OkjdTo5+9cBehSmz+d2XUHXaf8w7ZC
0uH5HICacgoqV3L7UBvSyC43R/P7QnI1V1G2G/Lr5bJK1SR3rUiHTzkCAwC2R6OCAkgwggJEMA8G
A1UdEwEB/wQFMAMBAf8wDgYDVR0PAQH/BAQDAgEGMB8GA1UdIwQYMBaAFMz6Z5PwtrjQpcAe81P9
jFPfg9eWMB0GA1UdDgQWBBRTuaqqduIBINrHUUU8VumWXtpc5TCCAT4GCCsGAQUFBwEBBIIBMDCC
ASwwLAYIKwYBBQUHMAGGIGh0dHA6Ly9vY3NwMS5uZXRsb2NrLmh1L2dvbGQuY2dpMCwGCCsGAQUF
BzABhiBodHRwOi8vb2NzcDIubmV0bG9jay5odS9nb2xkLmNnaTAsBggrBgEFBQcwAYYgaHR0cDov
L29jc3AzLm5ldGxvY2suaHUvZ29sZC5jZ2kwNAYIKwYBBQUHMAKGKGh0dHA6Ly9haWExLm5ldGxv
Y2suaHUvaW5kZXguY2dpP2NhPQwNAYIKwYBBQUHMAKGKGh0dHA6Ly9haWEyLm5ldGxvY2suaHUv
aHUvaW5kZXguY2dpP2NhPWdvbGQwNAYIKwYBBQUHMAKGKGh0dHA6Ly9haWEzLm5ldGxvY2suaHUv
aW5kZXguY2dpP2NhPWdvbGQwQZ4GA1UdHwSBljCBkzAvoC2gK4YpaHR0cDovL2NybDEubmV0bG9j
ay5odS9pbmRleC5jZ2k/Y3JsPWdvbGQwL6AtoCuGKWh0dHA6Ly9jcmwyLm5ldGxvY2suaHUvaW5k
ZXguY2dpP2NybD1nb2xkMC+gLaArhilodHRwOi8vY3JsMy5uZXRsb2NrLmh1L2luZGV4LmNnaT9j
cmw9Z29sZDANBgkqhkiG9w0BAQsFAAOCAQEATdoIdLEMX7yC897m0MY9t72XS4LlVRq/z5GgViKP
CG/KgXaTNepAlvKC+KyssqQ+qGr7iKyCLsduva0vmSpztqkn0ZMh0YceOI7iV9YVqFJDI7rOWpxA
vBP3iXu1hslV6vhNmTkYJu1wD51e78mLenMcX+n3d17TgZ5gsYRmqplyLgEO4DtXEv2e8bnYZ/ng
DCCewUxFdiMZyepNYDIbSei3uEqGmMl5208b2FyLYnSmG5R0j77VTxGIeRcpDY/qrx/3wQ4NuWFX
q6hQ9nhPcKKgVn5yUgn0h123m3VcoYpob5OKpPoRm2mxkPHUkNZ2e+iimh5nZN/mZee+fIr6/w==
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/recognisedatnationallevel

For trust services listed under a service type specified in clause 5.5.1.2: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved" status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in Regulation (EU) No 910/2014 and the applicable national legislation.

For NationalRootCA-QC type: The service is set by national law in accordance with the applicable European legislation and operated by the responsible national body issuing root-signing or qualified certificates to accredited trust service providers.

For other trust services listed under a service type specified in clause 5.5.1.3: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved"status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in the applicable national legislation.

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: http://crl1.netlock.hu/index.cgi?crl=trust

http://crl2.netlock.hu/index.cgi?crl=trust

http://crl3.netlock.hu/index.cgi?crl=trust

Service supply points: http://crl1.netlock.hu/index.cgi?crl=trust

http://crl2.netlock.hu/index.cgi?crl=trust

http://crl3.netlock.hu/index.cgi?crl=trust

2.6.21.1. NETLOCK Trust CA

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

> *A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.*

Service name:

English: NETLOCK Trust CA

Hungarian: NETLOCK Trust CA

Service digital identity: *Subject key identifier:*

53 B9 AA AA 76 E2 01 20 DA C7 51 45 3C 56 E9 96 5E DA 5C E5

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2016-04-14T14:07:59.000Z   (14 Apr 2016 16:07:59 CEST)

2.6.22. NetLock Minősített Eat. Spec. (Class Q Legal Spec.) Kiadó

> Provider: 6
> Service: 22

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

> *A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.*

Service name:

English: NetLock Minősített Eat. Spec. (Class Q Legal Spec.) Kiadó

Hungarian: NetLock Minősített Eat. Spec. (Class Q Legal Spec.) Kiadó

Service digital identity: *Subject key identifier:*

25 6A 74 5B 55 2B BA 7F 6F AB 1E 8B 28 D8 E8 E8 5B BE AD C2

Service digital identity: *Version:*

3

Serial number:

80 544 274 841 638 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

CN=NetLock Minősített Eat. Spec. (Class Q Legal Spec.) Kiadó,OU=Tanúsítványkiadók (Certification Services),O=NetLock Kft.,L=Budapest,C=HU

Issuer:

CN=NetLock Arany (Class Gold) Főtanúsítvány,OU=Tanúsítványkiadók (Certification Services),O=NetLock Kft.,L=Budapest,C=HU

Subject key identifier:

25 6A 74 5B 55 2B BA 7F 6F AB 1E 8B 28 D8 E8 E8 5B BE AD C2

Authority key identifier:

CC FA 67 93 F0 B6 B8 D0 A5 C0 1E F3 53 FD 8C 53 DF 83 D7 96

Valid from:

2012-08-07T15:17:48.000Z   (07 Aug 2012 17:17:48 CEST)

Valid to:

2027-10-23T15:17:48.000Z   (23 Oct 2027 17:17:48 CEST)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = 4

Thumbprint:

SHA-1:

AE:91:18:8C:55:CF:29:5B:57:7F:AA:21:DB:55:25:06:FB:70:26:DA

SHA-256:

A5:F2:FD:0D:66:DB:4D:D7:7A:29:14:ED:3C:74:7C:BD:97:E7:34:CF:4E:2B:6F:21:7F:B4:1A:A4:EA:FD:EA:D2

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100E619500A79982F6C966DCB71CB4F2FC058B1B4B107C4F7126725EAF0D1C086EB644B8D8C63A1
B9C2BFE3A2B95ECEB171615EC22C89E4783ED0F8D3621D9B42F3A653A178EEAAE511F19D7D806BAC8DC0E4B163D272
124A6952AB61FB46FD7BA493E05C019702190CD977F7CD57C0EA0024E724BCE50973B9BF40BA2B0D551962CB301853
241016397096C7CB9A83C3023EC64F9AFD5CC8A574B657BF8ED97C1DA1E18BBAF2F33C1201E24BAA22EA883AA15DF6
F50E2C7644DB9BFA23C9D304659788D66B2B03187FC134488FE4BFBE0435CC609CD55BB56BFB46AA1862E01A3E7E4A
2CC77ED0ACDF1F2297AAB42361A15A9ADE1F0DF5C77C70324939EAB6F7F1020300B167

Certificate policies:

not present

CRL distribution points:

http://crl1.netlock.hu/index.cgi?crl=gold

http://crl2.netlock.hu/index.cgi?crl=gold

http://crl3.netlock.hu/index.cgi?crl=gold

PEM format:

-----BEGIN CERTIFICATE-----
MIIGLTCCBRWgAwIBAgIGSUEs5AAmMA0GCSqGSIb3DQEBCwUAMIGnMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFTATBgNVBAoMDE5ldExvY2sgS2Z0LjE3MDUGA1UECwwuVGFuw7pzw610
dsOhbnlraWFkw7NrIChDZXJ0aWZpY2F0aW9uIFNlcnZpY2VzKTE1MDMGA1UEAwwsTmV0TG9jayBB
cmFueSAoQ2xhc3MgR29szCkgRsWRdGFuw7pzw610dsOhbnkwHhcNMTIwODA3MTUxNzQ4WhcNMjcx
MDIzMTUxNzQ4WjCBtzELMAkGA1UEBhMCSFUxETAPBgNVBAcMCEJ1ZGFwZXN0MRUwEwYDVQQKDAxO
ZXRMb2NrIEtmdC4xNzA1BgNVBAsMLlRhbsO6c8OtdHbDoW55a2lhZMOzayAoQ2VydGlmaWNhdGlv
biBTZXJ2aWNlcykxRTBDBgNVBAMMPE5ldExvY2sgTWluxZFzw610ZXR0IEVhdC4gU3BlYy4gKENs
YXNzIFEgTGVnYWwgU3BlYy4pIEtpYWTDszCCASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEB
AOYZUAp5mC9slm3LcctPL8BYsbSxB8T3Emcl6vDRwIbrZEuNjGOhucK/46K5Xs6xcWFewiyJ5Hg+
0PjTYh2bQvOmU6F47qrlEfGdfYBrrI3A5LFj0nISSmlSq2H7Rvl7pJPgXAGXAhkM2Xf3zVfA6gAk
5yS85Qlzub9AuisNVRliyzAYUyQQFjlwlsfLmoPDAj7GT5r9XMildLZXv47ZfB2h4Yu68vM8EgHi
S6oi6og6oV329Q4sdkTbm/ojydMEZZeI1msrAxh/wTRIj+S/vgQlzGCc1Vu1a/tGqhhi4Bo+fkos
x37QrN8fIpeqtCNhoVqa3h8N9cd8cDJJOeq29/ECAwCxZ6OCAkswggJHMBIGA1UdEwEB/wQIMAYB
Af8CAQQwDgYDVR0PAQH/BAQDAgEGMB8GA1UdIwQYMBaAFMz6Z5PwtrjQpcAe81P9jFPfg9eWMB0G
A1UdDgQWBBQlanRbVSu6f2+rHoso2OjoW76twjCCAT4GCCsGAQUFBwEBBIIBMDCCASwwLAYIKwYB
BQUHMAGGIGh0dHA6Ly9vY3NwMS5uZXRsb2NrLmh1L2dvbGQuY2dpMCwGCCsGAQUFBzABhiBodHRw
Oi8vb2NzcDIubmV0bG9jay5odS9nb2xkLmNnaTAsBggrBgEFBQcwAYYgaHR0cDovL29jc3AzLm5l
dGxvY2suaHUvZ29sZC5jZ2kwNAYIKwYBBQUHMAKGKGh0dHA6Ly9haWExLm5ldGxvY2suaHUvaW5k
ZXguY2dpP2NhPWdvbGQwNAYIKwYBBQUHMAKGKGh0dHA6Ly9haWEyLm5ldGxvY2suaHUvaW5kZXgu
Y2dpP2NhPWdvbGQwNAYIKwYBBQUHMAKGKGh0dHA6Ly9haWEzLm5ldGxvY2suaHUvaW5kZXguY2dp
P2NhPWdvbGQwgZ4GA1UdHwSBljCBkzAvoC2gK4YpaHR0cDovL2NybDEubmV0bG9jay5odS9pbmRl
eC5jZ2k/Y3JsPWdvbGQwL6AtoCuGKWh0dHA6Ly9jcmwyLm5ldGxvY2suaHUvaW5kZXguY2dpP2Ny
bD1nb2xkMC+gLaRhilodHRwOi8vY3JsMy5uZXRsb2NrLmh1L2luZGV4LmNnaT9jcmw9Z29sZDAN
BgkqhkiG9w0BAQsFAAOCAQEAgk0055TzV0LLTjbYUgY+iNPubfJI06LNsbXWWpfiRrg04lb4QpQ/
zBelr+F8/MFyhqpmg2U9piKbjSuGSGFF5Ecx9kEEFovsXnpaqwTCuPtjyMyPVSE9q93Wcm/r+gCY
Ii7eyaEAnZSBRFOOpCKY92Qn6CLdvQXCUUFiAWKsf7oO4sGWadETaUbd8CEHIxU0wa0p/sPnBXHo
uhGlro/+iVdpyhA9aDhIN+QKYn31bTgfBZKw717aFhNY7DFQDKSDZuCH6gsVW0CaS0yW9rwwGnRf
1DnMVceB1YuOoc8/0QlC0dJcY0jpcS7I0Wms2gUbwfxBOssyn/3CI/tVeDUryg==
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/recognisedatnationallevel

For trust services listed under a service type specified in clause 5.5.1.2: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved" status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in Regulation (EU) No 910/2014 and the applicable national legislation.

For NationalRootCA-QC type: The service is set by national law in accordance with the applicable European legislation and operated by the responsible national body issuing root-signing or qualified certificates to accredited trust service providers.

For other trust services listed under a service type specified in clause 5.5.1.3: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved"status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in the applicable national legislation.

Status starting time:	2016-01-06T23:00:00.000Z (07 Jan 2016 00:00:00 CET)
Service supply points:	http://crl1.netlock.hu/index.cgi?crl=cqlsca
	http://crl2.netlock.hu/index.cgi?crl=cqlsca
	http://crl3.netlock.hu/index.cgi?crl=cqlsca

Service information extensions:

<div align="center">Extension 1/1, non-critical:</div>

```
<tsl:AdditionalServiceInformation xmlns:tsl="http://uri.etsi.org/02231/v2#">
<tsl:URI
xml:lang="en">http://www.nmhh.hu/tl/ServiceStatus/QualifiedatNationalLevel</tsl:URI>
</tsl:AdditionalServiceInformation>
```

2.6.23. NetLock Minositett Idobelyeg Szolgaltato 6

Provider: 6
Service: 23

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name: *English:* NetLock Minositett Idobelyeg Szolgaltato 6

Hungarian: NetLock Minositett Idobelyeg Szolgaltato 6

Service digital identity: *Version:*

3

Serial number:

2 757 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

EMAILADDRESS=info@netlock.hu,CN=NetLock Minositett Idobelyeg Szolgaltato 6,OU=Idobelyeg Szolgaltatok,O=NetLock Kft.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@netlock.hu,CN=NetLock Minositett Kozjegyzoi (Class QA) Tanusitvanykiado,OU=Tanusitvanykiadok,O=NetLock Halozatbiztonsagi Kft.,L=Budapest,C=HU

Subject key identifier:

not present

Authority key identifier:

not present

Valid from:

2008-09-10T20:32:57.000Z   (10 Sep 2008 22:32:57 CEST)

Valid to:

2013-09-09T20:32:57.000Z   (09 Sep 2013 22:32:57 CEST)

Key usage:

nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

51:5B:8F:17:40:02:F5:8C:EC:57:35:C8:35:3E:F3:2E:FF:F4:41:49

SHA-256:

9A:3C:2E:AE:F8:AB:5A:83:B0:56:4C:61:51:28:79:98:97:C7:17:ED:26:66:A7:DD:BD:67:0D:73:A9:37:55:67

Public key:

Algorithm, key length:

RSA, 1024

Key value:

30818902818100C1DA4ED77EE76D7DC5D30E3F5BDEAA3152728A0E6D62297F23F98FF5782E277E8D563948E0B9F053
1F1F0E8025511B3739C980124FA60BD777BA6FBB7483BE430F73F5C79B13C01412D7269ED771F198731FA092032D90
BE2B8AF7CDF5C27E69425E562ECD1D2B02B755ED1B7F9E67EA0735B1F643A1E345D57B339CD43783D7020300A8B9

Certificate policies:

not present

CRL distribution points:

http://crl1.netlock.hu/index.cgi?minositett&raw&crl=mshea

PEM format:

```
-----BEGIN CERTIFICATE-----
MIIGuTCCBaGgAwIBAgICCsUwDQYJKoZIhvcNAQEFBQAwgckxCzAJBgNVBAYTAkhVMREwDwYDVQQH
EwhCdWRhcGVzdDEnMCUGA1UEChMeTmV0TG9jjayBIYWxvemF0Yml6dG9uc2FnaSBBLZnQuMRowGAYD
VQQLExFUYW51c2l0dmFueWtpYWRvazFCMEAGA1UEAxM5TmV0TG9jjayBNaW5vc2l0ZXR0IEtvemP1
Z3l6b2zagKENsYXNzIFFBKSBUYW51c2l0dmFueWtpYWRvMR4wHAYJKoZIhvcNAQkBFg9pbmZvQG5l
dGxvY2suaHUwHhcNMDgwOTEwMjAzMjU3WhcNMTMwOTA5MjAzMjU3WjCBrTELMAkGA1UEBhMCSFUx
ETAPBgNVBAcMCEJ1ZGFwZXN0MRUwEwYDVQQKDAx0ZXRMb2NrIEtmdC4xHzAdBgNVBAsMFklkb2Jl
bHlZyBTem9sZ2FsdGF0b2sxMzAxBgNVBAMMKk5ldExvY2sgTWlub3NpdGV0dCBJZG9iZWx5ZWcg
U3pvbGGdhbHRhdG8gNjEeMBWGCSqGSIb3DQEJARYPaW5mb0BuZXRsb2NrLmh1MIGfMA0GCSqGSIb3
DQEBAQUAA4GNADCBiQKBgQDB2k7XfudtfcXTDj9b3qoxUnKKDmliKX8j+Y/leC4nfolWOUjgufBT
Hx8OgCVRGzc5yYAST6YLl3e6b7t0g75DD3Plx5sTwBQSlyae13HxmHMfoJIDLZC+K4r3zfXCfmlC
XlYuzR0rArdV7Rt/nmfqBzWx9kOh40XVez0c1DeD1wIDAKi5o4IDRzCCA0MwDAYDVR0TAQH/BAIw
ADAOBgNVHQ8BAf8EBAMCBkAwggK9BglghkgBhvhCAQ0EggKuFoICqkZJRllFTEVNISBFemVuIHRh
bnVzaXR2YW55IGEgTmV0TG9jjayBLZnQuIE1pbm9zaXRldHdQgSWRvYmVseWVnemVzIFN6b2xnYWx0
YXRvaSB0YW51c2l0dmFueWEuIEEgbWlub3NpdGV0dCBpZG9iZWx5ZWdoZXogYSB2b25hdGtvem8g
am9nc3phYmYfseW9rYmFuIGllZ2hhdGFyb3pvdHHQgam9naGF0YXNvayBraXphphcm9sYWcgYSBNaW5v
c2l0ZXR0IFN6b2xnYWx0YXRhc2kgU3phYmFseXphdHGJhbiBlcyBBbHRhbGFub3MgU3plcnpvZGVz
aSBGZWx0ZXRlbGVrYmVuIGllZ2hhdGFyb3pvdHHQgZmVsdGV0ZWxlayBtZWxsZXR0IGZ1em9kbmVr
LiBBIGRva3VtZW50dW1vayBtZWd0YWxhbGhhdG9rIGEgaHR0cHM6Ly93d3cubmV0bG9jjay5odS9k
b2NzLyBjaW111biB2YWd5IGtlcmhldG9rIGF6IGluZm9AbmV0bG9jjay5odSBlLWlhaWwgY2ltZW4u
IFdBUk5JTkchIFRoaXMgaXMgYSB0aW1lIHN0YW1waW5nIGNlcnRpZmljYXRlIGZmIHRoZSB0ZXRM
b2NrIFFlYWxpZmllZCBUaW1lIFN0YW1waW5nIFNlcnZpY2UuIFFlZSB1c2Ugb2YgdGhpcyBjZXJ0
aWZpY2F0ZSBhbmQgdGltZSBzdGFtcHMgc2lnbmVkIGJ5IGl0IGlyZSBzdWJqZWN0I0HRvIHRoZSBO
ZXRMb2NrIFFlYWxpZmllZCBDUFMgYXZhaWxhYmxlIGF0IGh0dHBz0i8vd3d3Lm5ldGxvY2suaHUv
ZG9jcy8gb3IgYnkgZSltYWlsIGF0IGluZm9AbmV0bG9jjay5odS4wFgYDVR0lAQH/BAwwCgYIKwYB
BQUHAwgwSgYDVR0fBEMwQTA/oD2gO4Y5aHR0cDovL2NybDEubmV0bG9jjay5odS9pbmRleC5jZ2k/
bWlub3NpdGV0dCZyYXcmY3JsPW1zaGVhMA0GCSqGSIb3DQEBBQUAA4IBAQChnc26UaBWCitcRiQb
nzz5caVWlQURidWCJ6I68eBOXfmFuCsttr/lMhzW2hHeVd6TSk/rCQzx8glxeBQmTiTa43QkA0LD
y4Wzgcf9rDrZjoYIx3nqdShL6m3/2OZbAW24Szedhc/R9PLhSqbpisyvchXmn9q3E7PtseIfs9WV
uiQqCHyqa54ztaFu0unh8/BVTCIVWtR+nLbIRXkkT8xq6QJ7yqYAgRhs/toJwoRqW73hgwXTs7mg
VtNKyAYB70vH3GMN739YZPnZso20djyyuILpYvIshxcXJISo4wg7fiwgZBl4dmT4d7mSO19/nUkA
0n5CAwFdRz1481UU2Qfd
-----END CERTIFICATE-----
```

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

2.6.23.1. NetLock Minositett Idobelyeg Szolgaltato 6

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name:

English: NetLock Minositett Idobelyeg Szolgaltato 6

Hungarian: NetLock Minositett Idobelyeg Szolgaltato 6

Service digital identity: *Subject key identifier:*

6C BD F2 C5 78 5C B3 4E 9B 5C 44 33 7C 87 53 37 16 5C 44 CD

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2008-09-10T20:32:57.000Z (10 Sep 2008 22:32:57 CEST)

2.6.24. NetLock Minositett Idobelyeg Szolgaltato 5

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name:

English: NetLock Minositett Idobelyeg Szolgaltato 5

Hungarian: NetLock Minositett Idobelyeg Szolgaltato 5

Service digital identity:

Version:

3

Serial number:

2 581 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

EMAILADDRESS=info@netlock.hu,CN=NetLock Minositett Idobelyeg Szolgaltato 5,OU=Idobelyeg Szolgaltatok,O=NetLock Kft.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@netlock.hu,CN=NetLock Minositett Kozjegyzoi (Class QA) Tanusitvanykiado,OU=Tanusitvanykiadok,O=NetLock Halozatbiztonsagi Kft.,L=Budapest,C=HU

Subject key identifier:

not present

Authority key identifier:

not present

Valid from:

2008-07-31T18:18:38.000Z   (31 Jul 2008 20:18:38 CEST)

Valid to:

2013-07-30T18:18:38.000Z   (30 Jul 2013 20:18:38 CEST)

Key usage:

nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

38:03:34:8A:9B:F4:D9:CB:CA:98:F5:45:A9:9E:39:51:CA:1D:09:FA

SHA-256:

57:4B:1E:00:B5:10:DA:73:B3:55:F8:C8:2A:23:F1:2F:FE:CC:5F:C3:B9:37:F1:A5:81:25:E7:EA:3C:3D:19:B3

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100AD177150F4EF9C6538BA253B9BB573011D7B20AF6E8B914958E307FBD0EB4B2AA455BD8F70DE
502E81734E63E3032E14262A27D07226687E16D111F64819CC2861AF03BC778D0378215C23125FF6D25DFC90155ED9
BBA3BDB985F90799A49377CE7FFDE5BBF5F4F8CBD1668EE3B038EED77A581B7D6E4E7BD70715BD6BE62D54DA5D77D8
0951F4E4C62F1F07603CE44F6688C0553E3DBE4911E86E7750C6D778F5994D8CA922F85C4F579AE64BFC35771BA7C7
48F3EE8F23A152666354371140CE516108FA71199F2796CF223DC5A06726F417A41B6D87538258638383B36E879C37
B5143B8E7934E1BBFBAE3C0FBA6EBE78DB2BA8CCAF9022A838503AAA230B020300FCD9

Certificate policies:

not present

CRL distribution points:

http://crl1.netlock.hu/index.cgi?minositett&raw&crl=mshea

PEM format:

-----BEGIN CERTIFICATE-----
MIIHPTCCBiWgAwIBAgICChUwDQYJKoZIhvcNAQEFBQAwgckxCzAJBgNVBAYTAkhVMREwDwYDVQQH
EwhCdWRhcGVzdDEnMCUGA1UEChMeTmV0TG9jayBIYWxvemF0Yml6dG9uc2FnaSBLZnQuMRowGAYD
VQQLExFUYW51c2l0dmFueWtpYWRvazFCMEAGA1UEAxM5TmV0TG9jayBNaW5vc2l0ZXR0IEtvempl
Z3l6b2kgKENsYXNzIFFBKSBUYW51c2l0dmFueWtpYWRvMR4wHAYJKoZIhvcNAQkBFg9pbmZvQG5l
dGxvY2suaHUwHhcNMDgwNzMxMTgxODM4WhcNMTMwNzMwMTgxODM4WjCBrTELMAkGA1UEBhMCSFUx
ETAPBgNVBAcMCEJlZGFwZXN0MRUwEwYDVQQKDAxOZXRMb2NrIEtmdC4xHzAdBgNVBAsMFklkb2Jl
bHlZyBTem9sZ2FsdGF0b2sxMzAxBgNVBAMMKk5ldExvY2sgTWlub3NpdGV0dCBJZG9iZWx5ZWcg
U3pvbGdhbHHRhdG8gNTEeMBwGCSqGSIb3DQEJARYPaW5mb0BuZXRsb2NrLmh1MIIBIjANBgkqhkiG
9w0BAQEFAAOCAQ8AMIIBCgKCAQEArRdxUPTvnGU4uiU7m7VzAR17IK9ui5FJWOMH+9DrSyqkVb2P
cN5QLoFzTmPjAy4UJion0HImaH4W0RH2SBnMKGGvA7x3jQN4IVwjEl/20l38kBVe2bujvbmF+QeZ
pJN3zn/95bv19PjL0WaO47A47td6WBt9bk571wcVvWvmLVTaXXfYCVH05MYvHwdgPORPZojAVT49
vkkR6G53UMbXePWZTYypIvhcT1ea5kv8NXcbp8dI8+6PI6FSZmNUNxFAzlFhCPpxGZ8nls8iPcWg
Zyb0F6QbbYdTglhjg4OzboecN7UUO455NOG7+648D7puvnjbK6jMr5AiqDhQOqojCwIDAPzZo4ID
RzCCA0MwDAYDVR0TAQH/BAIwADAOBgNVHQ8BAf8EBAMCBkAwggK9BglghkgBhvhCAQ0EggKuFoIC
qkZJR1lFTEVNISBFemVuIHRhbnVzaXR2YW55IGEgTmV0TG9jayBLZnQuIEl pbm9zaXtXRldHQgSWRv
YmVseWVnemVzIFN6b2xnYWx0YXRvaSB0YW51c2l0dmFueWEuIEEgbWlub3NpdGV0dCBpZG9iZWx5
ZWdoZXogYSB2b25hdGtvem8gam9nc3phYmFseW9rYmFuIGllZ2hhdGFyb3pvdHQgam9naaF0YXNv
ayBraXphphcm9sYWcgYSBNaW5vc2l0ZXR0IFN6b2xnYWx0YXRhc2kgU3phYmFseXphdGGJhbiBlcyBB
bHRhbGFub3MgU3plcnpvZGVzaSBGZWx0ZXRlbGVrYmVuIG11Z2hhdGFyb3pvdHHQgZmVsdGV0ZWxl
ayBtZWxsZXR0IGZ1em9kbmVrLiBBIGRva3VtZW50dW1vayBtZWd0YWxhbGhhdG9rIGEgaHR0cHM6
Ly93d3cubmV0bG9jay5odS9kb2NzLnphLbiB2YWd5IGtlcmhldG9rIGF6IGluZm9AbmV0bG9j
ay5odSBlLWlhaWwgY2ltzW4uIFdBUk5JTkchIFRoaXMgaXMgYSB0aW1lIHN0YW1waW5nIGNlcnRp
ZmljYXRlIG9mIHRoZSBOZXRMb2NrIEFF1YWxpZmllZCBUaW1lIFN0YW1waW5nIFNlcnZpY2UuIFRo
ZSB1c2Ugb2YgdGhpcyBjZXJ0aWZpY2F0ZSBhbmQgdGltZSBzdGFtcHMgc2lnbmVkIGJ5IGl0IGFy
ZSBzdWJqZWN0IHRvIHRoZSBOZXRMb2NrIFF1YWxpZmllZCBDUFMgYXZhaWxhYmxlIGF0IGh0dHBz
Oi8vd3d3Lm5ldGxvY2suaHUvZG9jcy8gb3IgYnkgZS1tYWlsIGF0IGluZm9AbmV0bG9jay5odS4w
FgYDVR0lAQH/BAwwCgYIKwYBBQUHAwgwSgYDVR0fBEMwQTA/oD2gO4Y5aHR0cDovL2NybDEubmV0
bG9jay5odS9pbmRleC5jZ2k/bWlub3NpdGV0dCZyYXcmY3JsPWlzaGVhMA0GCSqGSIb3DQEBBQUA
A4IBAQAzr/kmHsIWPy5qhdiKptAXz3CQ4bHSEPxuX9ekV8tBxunx3nSCc9CaJg2BfRvXUL8nounj
ZNH/bfw/yhWDQlYQDH4MGjXg4g6ySNmNMSvw+ZBwU1WF1cRfbD9ynREobPgpk4Bu0Qol/gRGj4jm
Ff3DlXX+Oo8Wixjg06xxeTSvZpJnMbQZIyPlNEdIKAU6d6ufw4rx0rPexqrgHV2igO4fM6ONr9AZ
by7l7AXLiRPNtxrbgLYKzXMbMCSg4ot3hpk6mKRcDHLEd0iAXEwnGIyBpE7rfyN6WSB7MtI2mnGK
GzpFVAjmw7YxzgRLCmzQ4MQXit0b0ftfyNRM5abzvAAx
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

2.6.24.1. NetLock Minositett Idobelyeg Szolgaltato 5

```
                                                                Provider: 6
                                                                Service: 24
                                                                History: 1/1
```

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name: *English:* NetLock Minositett Idobelyeg Szolgaltato 5

Hungarian: NetLock Minositett Idobelyeg Szolgaltato 5

Service digital identity: *Subject key identifier:*

E4 DB CE C0 3A D4 83 C9 92 ED 60 79 91 E2 CE A7 C3 88 DA 6D

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2008-07-31T18:18:38.000Z   (31 Jul 2008 20:18:38 CEST)

2.6.25. NetLock Minositett Idobelyeg Szolgaltato 4

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: NetLock Minositett Idobelyeg Szolgaltato 4

Hungarian: NetLock Minositett Idobelyeg Szolgaltato 4

Service digital identity:

Version:

3

Serial number:

689 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

EMAILADDRESS=info@netlock.hu,CN=NetLock Minositett Idobelyeg Szolgaltato 4,OU=Idobelyeg Szolgaltatok,O=NetLock Kft.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@netlock.hu,CN=NetLock Minositett Kozjegyzoi (Class QA) Tanusitvanykiado,OU=Tanusitvanykiadok,O=NetLock Halozatbiztonsagi Kft.,L=Budapest,C=HU

Subject key identifier:

not present

Authority key identifier:

not present

Valid from:

2006-05-10T22:33:06.000Z   (11 May 2006 00:33:06 CEST)

Valid to:

2011-05-09T22:33:06.000Z   (10 May 2011 00:33:06 CEST)

Key usage:

nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

93:06:09:0B:A8:46:CC:5A:CD:AD:B9:E7:1A:93:28:F3:07:85:7E:60

SHA-256:

E9:00:01:C1:31:F3:BB:DC:62:0C:6E:D1:31:F4:44:38:05:CB:5F:9D:E9:55:78:E1:D8:A3:51:17:B1:DD:14:B7

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100BC27900D9562F289E81E4CA492F74C69D4CCB19FF4E1A7051A37068DE09A5CB2E0E27EF6D28A
1199C97420BEB8AAF1532B81AD00EE889BF1DA3C9A3D0C6E5B6DB1C421FAF53BB78A9CA9FE0C4F12DF30F18E38539D
163C6D942A5F93A819BCA76BC4DEEDB3287A94035E3C237E8660822F34B89E0693140A89834702E18CA99E9C91CF4F
9F77AE406DC6A66F0BCF86B571272A45566D2CDF8553AF50AB627D7897628D6531D98F0ECCE8C62210D3C2298A3A01
3C1AB0475E7DABF5530BE4E377F56C992A2774E0A8D31E23F524B592ED582794663E525993F1E6BE282A2CD221158F
14EF3AC6E3F9D5C9B5200595C61AC4ADF82EABCA3B211FA21DAB84846419020300FA91

Certificate policies:

not present

CRL distribution points:

http://crl1.netlock.net/index.cgi?minositett&raw&crl=mshea

PEM format:

-----BEGIN CERTIFICATE-----
MIIHPjCCBiagAwIBAgICArEwDQYJKoZIhvcNAQEFBQAwgckxCzAJBgNVBAYTAkhVMREwDwYDVQQH
EwhCdWRhcGVzdDEnMCUGA1UEChMeTmV0TG9jayBIYWxvemF0Ym9s6dG9uc2FnaSBBLZnQuMRowGAYD
VQQLExFUYW51c2l0dmFueWtpYWRvazFCMEAGA1UEAxM5TmV0TG9jayBNaW5vc2l0ZXR0IEtvempl
Z3l6b2kgKENsYXNzIFFBKSBUYW51c2l0dmFueWtpYWRvMR4wHAYJKoZIhvcNAQkBFg9pbmZvQG5l
dGxvY2suaHUwHhcNMDYwNTEwMjIzMzA2WhcNMTEwNTA5MjIzMzA2WjCBrTELMAkGA1UEBhMCSFUx
ETAPBgNVBAcMCEJlZGFwZXN0MRUwEwYDVQQKDAx0ZXRMb2NrIEtmdC4xHzAdBgNVBAsMFklkb2Jl
bHlsZyBTem9sZ2FsdGF0b2sxMzAxBgNVBAMMKk5ldExvY2sgTWlub3NpdGV0dCBJZG9iZWx5ZWcg
U3pvbGdhbHHRhdG8gNDEeMBwGCSqGSIb3DQEJARYPaW5mb0BuZXRsb2NrLmh1MIIBIjANBgkqhkiG
9w0BAQEFAAOCAQ8AMIIBCgKCAQEAvCeQDZVi8onoHkykkvdMadTMsZ/04acFGjcGjeCaXLLg4n72
0ooRmcl0IL64qvFTK4GtAO6Im/HaPJo9DG5bbbHEIfr1O7eKnKn+DE8S3zDxjjhTnRY8bZQqX5Oo
Gbyna8Te7bMoepQDXjwjfoZggi80uJ4GkxQKiYNHAuGMqZ6ckc9Pn3euQG3Gpm8Lz4a1cScqRVZt
LN+FU69Qq2J9eJdijWUx2Y8OzOjGIhDTwimKOgE8GrBHXn2r9VML5ON39WyZKid04KjTHiP1JLWS
7VgnlGY+UlmT8ea+KCos0iEVjxTvOsbj+dXJtSAFlcYaxK34LqvKOyEfoh2rhIRkGQIDAPqRo4ID
SDCCA0QwDAYDVR0TAQH/BAIwADAQBgNVHQ8BAf8EBAMCBkAwggK9BglghkgBhvhCAQ0EggKuFoIC
qkZJRllFTEVNISBFemVuIHRhbnVzaXR2YW55SIGEgTmV0TG9jayBLZnQuIE1pbm9zaXRldHQgSWRv
YmVseWWnemVzIFN6b2xnYXRvaSB0YW51c2l0dmFueWEuIEEgbWlub3NpdGV0dCBpZG9iZWx5
ZWdoZXogYSB2b25hdGtvem8gam9nc3phYmFseW9rYmFuIG1lZ2hhdGFyb3pvdHQgam9naG9mMmH6
ayBraXphphcm9sYWcgYSBNaW5vc2l0ZXR0IFN6b2xnYXRvYXRhc2kgU3phYmFseXphdGJhbiBlcyBB
bHRhbGFub3MgU3plcnpvZGVzaSBGZWx0ZXRlbGVrYmVuIG1lZ2hhdGFyb3pvdHHQgZmVsdGV0ZWxl
ayBtZWxsZXR0OIGZ1em9kbmVrLiBBIGRva3VtZW50dW1vayBtZWd0YWxhbGhhdG9rIGEgaHR0cHM6
Ly93d3cubmV0bG9jay5odS9kb2Nz9kb2NzLyBjaW12b2Y4YWd5IGtlcmhldldG9rIGF6IGluZm9AbmV0bG9j
ay5odSBlLlWlhaWwgY2ltZW4uIFdBUk5JTkchIFRoaXMgaXMgYSB0aW1lIHN0YW1waW5nIGNlcnRp
ZmljYXRlIG9mIHRoZSBOZXRMb2NrIFFlYWxpZmllZCBUaW1lIFN0YW1waW5nIFNlcnZpY2UuIFFRo
ZSBlc2Ugb2YgdGhpcyBjZXJ0aWZpY2F0ZSBhbmQgdGltZSBzdGFtcHMgc2lnbmVkIGJ5IGl0IGFy
ZSBzdWJqZWN0IHRvIHRoZSBOZXRMb2NyIFFlYWxpZmllZCBCDUFMgYXZhaWxhYmxlIGF0IGh0dHBz
0i8vd3d3Lm5ldGxvY2suaHUvZG9jcy8gb3IgYnkgZS1tYWlsIGF0IGluZm9AbmV0bG9jay5odS4w
FgYDVR0lAQH/BAwwCgYIKwYBBQUHAwgwSwYDVR0fBEQwQjBAoD6gPIY6aHR0cDovL2NybDEubmV0
bG9jay5uZXQvaW5kZXguY2dpP21pbm9zaXRldHHQmcmF3JmNybD1tc2hlYTANBgkqhkiG9w0BAQUF
AAOCAQEATDO2vcWMVLXGWBuXxBZRPz9jWdB2/3zksXO0fdwq4plscWNGXCDuiXq0bkfqStKRpEfd
3VSB0XmvhISrqfb7/k8cGbDj1fAlGfv+BV7PHbiq/JgkMegMca0DTdBn0AXZnIHXXj0KhLhTfUuw
8Bq7ExVju47zRjUEWX4sgnIQ6p5BR8qDYkA4eLxpvIYxPRlGJy+Q4MKezA+H0x0D7rk8ayL38ybU
bZP4xTBMmDEv3AB0XcSX0EXuup25z5Ru1TvS81zkKc4Tnwgb/yT81kfEwDpJvFJ/KWr2bsHJC9l5
25dCn4Psd3F0NNIJxaJD+SrWKHsX7IV3og79Wkld/DvY5g==
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

2.6.25.1. NetLock Minositett Idobelyeg Szolgaltato 4

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name:

English: NetLock Minositett Idobelyeg Szolgaltato 4

Hungarian: NetLock Minositett Idobelyeg Szolgaltato 4

Service digital identity: *Subject key identifier:*

3C 89 B3 43 35 8B E9 86 2C 79 3A 38 75 31 7B 94 55 7F 52 03

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2006-05-10T22:33:06.000Z   (11 May 2006 00:33:06 CEST)

2.6.26. NetLock Minositett Idobelyeg Szolgaltato 7

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: NetLock Minositett Idobelyeg Szolgaltato 7

Hungarian: NetLock Minositett Idobelyeg Szolgaltato 7

Service digital identity:

Version:

3

Serial number:

4 111 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

EMAILADDRESS=info@netlock.hu,CN=NetLock Minositett Idobelyeg Szolgaltato 7,OU=Idobelyeg Szolgaltatok,O=NetLock Kft.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@netlock.hu,CN=NetLock Minositett Kozjegyzoi (Class QA) Tanusitvanykiado,OU=Tanusitvanykiadok,O=NetLock Halozatbiztonsagi Kft.,L=Budapest,C=HU

Subject key identifier:

not present

Authority key identifier:

not present

Valid from:

2009-11-18T19:39:40.000Z   (18 Nov 2009 20:39:40 CET)

Valid to:

2014-11-17T19:39:40.000Z   (17 Nov 2014 20:39:40 CET)

Key usage:

nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

DF:22:8D:E9:E8:66:86:8E:D2:9F:77:E1:59:91:5F:77:7D:C2:10:51

SHA-256:

0D:51:D7:53:5A:FC:A8:96:AB:F3:F1:85:20:CA:56:64:EB:80:0C:A3:77:52:C9:29:37:62:68:4D:5F:A2:CB:F5

Public key:

Algorithm, key length:

RSA, 1024

Key value:

30818902818100CD5CA67FC2E15B2E7DE59307860B96DCBE87878204CA177C7E792801845C9843946A35661C1D660B
434116D1CB531A4C224774B302B834A8AA6961D225BDF0B52C6ACA1AFF6DD48216CBAC8CF43308FF4FBB17C485B32E
0E02446174596A013CDD54F06847C30B145B8CD222341FE5EA535174273E9649871086B3C892C2D5D7020300D5BB

Certificate policies:

not present

CRL distribution points:

http://crl1.netlock.hu/index.cgi?minositett&raw&crl=mshea

PEM format:

-----BEGIN CERTIFICATE-----
MIIGuTCCBaGgAwIBAgICEA8wDQYJKoZIhvcNAQEFBQAwgckxCzAJBgNVBAYTAkhVMREwDwYDVQQH
EwhCdWRhcGVzdDEnMCUGA1UEChMeTmV0TG9jayBIYWxvemF0Yml6dG9uc2FnaSBLZnQuMRowGAYD
VQQLExFUYW51c2l0dmFueWtpYWRvazFCMEAGA1UEAxM5TmV0TG9jayBNaW5vc2l0ZXR0IEtvempl
Z3l6b2zkgKENsYXNzIFFBKSBUYW51c2l0dmFueWtpYWRvMR4wHAYJKoZIhvcNAQkBFg9pbmZvQG5l
dGxvY2suaHUwHhcNMDkxMTE4MTkzOTQwWhcNMTQxMTE3MTkzOTQwWjCBrTELMAkGA1UEBhMCSFUx
ETAPBgNVBAcMCEJlZGFwZXN0MRUwEwYDVQQKDAx0ZXRmb2NrIEtmdC4xHzAdBgNVBAsMFklkb2Jl
bHlZyBTem9sZ2FsdGF0b2sxMzAxBgNVBAMMKk5ldExvcY2sgTWlub3NpdGV0dCBJZG9iZWx5ZWcg
U3pvbGdhbHRhdG8gNzEeMBwGCSqGSIb3DQEJARYPaW5mb0BuZXRsb2NrLmh1MIGfMA0GCSqGSIb3
DQEBAQUAA4GNADCBiQKBgQDNXKZ/wuFbLn3lkweGC5bcvoeHggTKF3x+eSgBhFyYQ5RqNWYcHWYL
Q0EW0ctTGkwiR3SzArg0qKppYdIlvfC1LGrKGv9t1IIWy6yM9DMI/0+7F8SFsy4OAkRhdFlqATzd
VPBoR8MLFFuM0iI0H+XqU1F0Jz6WSYcQhrPIksLV1wIDANW7o4IDRzCCA0MwDAYDVR0TAQH/BAIw
ADAOBgNVHQ8BAf8EBAMCBkAwggK9BglghkgBhvhCAQ0EggKuFoICqkZJRllFTEVNISBFemVuIHRh
bnVzaXR2YW55SIGEgTmV0TG9jayBLZnQuIE1pbm9zaXRldHQgSWRvYmVs+WVnemVzIFN6b2xnYWx0
YXRvaSB0YW51c2l0dmFueWEuIEEgbWlub3NpdGV0dCBpZGG9iZWx5ZWdoZXogYSB2b25zhdGtvem8g
am9nc3phYmmFseW9rYmFuIG1lZ2hhdGGFyb3pvdHHQgam9naF0YXNvayBraXphhcm9sYWcgYSBNaW5v
c2l0ZXR0IFN6b2xnYWx0YXRhc2kgU3phYmmFlseXphhdGJhbiBlcyBBbHRhbGGFub3MgU3plcnpvZGVz
aSBGZWx0ZXRlbGVrYmVuIG1lZ2hhdGGFyb3pvdHHQgZmVsdGV0ZWxlayBtZWxsZXR0IGZlem9kbmVr
LiBBIGRva3VtZW50dW1vayBtZWd0YWxhbGhhdG9r9rIGEgaHR0cHM6Ly93d3cubmV0bG9jay5odS9k
b2NzLyBjaW1lbiB2YWd5IGt1cmhldG9r9rIGF6IGluZm9AbmV0bG9jay5odSBlLW1haWwgY2ltZW4u
IFdBUk5JTkchIFRoaXMgaXMgYSB0aW1lIHN0YW1waW5nIGNlcnRpZmljYXRlIG9mIHRoZSBOZXRRM
b2NrIFFlYWxpZmllZCBUaW1lIFN0YW1waW5nIFNlcnZpY2UuIFFlRoZSB1c2Ugb2YgdGhpcyBjZXJ0
aWZpY2F0ZSBhbmQgdGltZSBzdGFtcHMgc2lnbmVkIGJ5IGl0IGFyZSBzdWJqZWN0IHRvIHRoZSBO
ZXRRM2NrIFFlYWxpZmllZCBBDUFMgYXZhaWxhYmxlIGF0IGh0dHBz0i8vd3d3Lm5ldGxvY2suaHUv
ZG9jcy8gb3IgYnkgZS1tYWlsIGF0IGluZm9AbmV0bG9jay5odS4wFgYDVR0lAQH/BAwwCgYIKwYB
BQUHAwgwSgYDVR0fBEMwQTA/oD2gO4Y5aHR0cDovL2NybDEubmV0bG9jay5odS9pbmRleC5jZ2k/
bWlub3NpdGV0dCZyYXcmY3JsPW1zaGVhMA0GCSqGSIb3DQEBBQUAA4IBAQCRiWOolAfB2aqvl5sW
JV0GIQ0Rt+r4L+zU9Vrc20k3aUigjwcJ7JQq41huu77yoaHdsUvM/ISc6per7nwS8VbLOKPm5L07
CvzvlOUO95ZMrHE67Qs2TecrA5+M8HdsSPlC0iT1aXY8tbQlT2YMAioXnBuxq+oZ7fotjK/wGDfi
0W41F211JMK5RWk/5DNmIldT92qbwmD/nEFw3j8fLOKsjt+mExUL05ygzNFBiozYNoHsTq2MzvIV
NGxJAfj9h/lsGThvzdvDdGVZdNTZdyaqPYFKLT4tbkcEOTtfTxrwnGJsna55LdO2pc02GyuT38EP
t9OjkfOwnWYWbCxsNeBG
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

2.6.26.1. NetLock Minositett Idobelyeg Szolgaltato 7

```
Provider: 6
Service: 26
History: 1/1
```

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name: *English:* NetLock Minositett Idobelyeg Szolgaltato 7

Hungarian: NetLock Minositett Idobelyeg Szolgaltato 7

Service digital identity: *Subject key identifier:*

4D 52 48 B5 94 57 29 2D 7B E0 F9 89 D7 46 4D EB 1C 65 F8 76

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2009-11-18T19:39:40.000Z   (18 Nov 2009 20:39:40 CET)

2.6.27. NetLock Minősített Időbélyeg Szolgáltató G1

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name:

English: NetLock Minősített Időbélyeg Szolgáltató G1

Hungarian: NetLock Minősített Időbélyeg Szolgáltató G1

Service digital identity: *Subject key identifier:*

CB D2 E3 FD E2 B6 76 B9 47 9B 55 7E 82 E4 DC D9 FF 39 3F B9

Service digital identity: *Version:*

3

Serial number:

1 509 990 661 103 174 892 386 139 577 076 657 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@netlock.hu,CN=NetLock Minősített Időbélyeg Szolgáltató G1,OU=Időbélyeg Szolgáltatók,O=NetLock Kft.,L=Budapest,C=HU

Issuer:

CN=NetLock Minősített Eat. (Class Q Legal) Tanúsítványkiadó,OU=Tanúsítványkiadók (Certification Services),O=NetLock Kft.,L=Budapest,C=HU

Subject key identifier:

CB D2 E3 FD E2 B6 76 B9 47 9B 55 7E 82 E4 DC D9 FF 39 3F B9

Authority key identifier:

64 AF 81 8A 5C 30 B8 57 65 DA 5D A5 3D 58 6E 47 62 42 34 AB

Valid from:

2011-08-08T13:28:18.000Z   (08 Aug 2011 15:28:18 CEST)

Valid to:

2024-08-09T13:28:18.000Z   (09 Aug 2024 15:28:18 CEST)

Key usage:

nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

60:72:E0:96:37:3F:81:DE:78:4B:38:5E:4E:AA:78:FB:25:80:8C:96

SHA-256:

31:54:13:83:A7:CA:7B:88:AF:66:EC:AB:10:84:4E:07:66:D3:72:19:DC:17:7F:C6:15:30:03:F5:80:95:B6:69

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100CDD81E163F1BBDB090D950F0659613F64AAC4C0651A9CBB62814C4CA9605A0B08067A860E923
4D0B2E5F3EA1B84A4761E2ECDE4DC480EF7E0F72F8C7E36D7514396F0E2D85117E1E9A050D0F8977D291B0AACC9BC6
3312E5C2A36F022A8699F095ECF3080FFCD4FFF1AF96467BDA3486230FE6E68794B2B805F2F5653C22B087DD0CF98B
094B51E536AC63E62E9E0BE027995A0E9FCD2047B08593CBCEC01092EB42C00D6943E87F8F43356F01B95FDCE0BBEE
9B43904C5D77FCCA56356843C539EB237FF02F7A5CC4D7FB82AFDCA48D0B5ED77B87FCA956D62DD6418F5E2216D2AE
FB230B5C6A5A821E70B347E86DA12E09AFE5B429120144B4C47ED7888873020300E95D

Certificate policies:

not present

CRL distribution points:

http://crl1.netlock.hu/index.cgi?crl=cqlca

http://crl2.netlock.hu/index.cgi?crl=cqlca

http://crl3.netlock.hu/index.cgi?crl=cqlca

PEM format:

-----BEGIN CERTIFICATE-----
MIIGYzCCBUugAwIBAgIOSnLC+AAsQ8jwFMFRS7EwDQYJKoZIhvcNAQELBQAwgbkxCzAJBgNVBAYT
AkhVMREwDwYDVQQHDAhCdWRhcGVzdDEVMBMGA1UECgwMTmV0TG9jayBLZnQuMTcwNQYDVQQLDC5U
YW7DunPDrXR2w6FueWtpYWTDs2sgKENlcnRpRpZmljYXRpb24gU2Vydml jZXMpMUcwRQYDVQQDDD5O
ZXRMb2NrIE1pbsWRc8OtdGV0dCBFYXQuIChDbGFzcyBRIExlZ2FsKSBUYW7DunPDrXR2w6FueWtp
YWTDszAeFw0xMTA4MDgxMzI4MThaFw0yNDA4MDkxMzI4MThaMIG4MQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFTATBgNVBAoMDE5ldExvY2sgS2Z0LjEjMCEGA1UECwwaSWTFkWLDqWx5
ZWcgU3pvbGfDoWx0YXTDs2sx0jA4BgNVBAMMMU5ldExvY2sgTWLuxZFzw610ZXR0IElkxZFiw6ls
eWVnIFN6b2xnw6FsdGF0w7MgRzExHjAcBgkqhkiG9w0BCQEWD2luZm9AbmV0bG9jay5odTCCASIw
DQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAM3YHhY/G72wkNlQ8GWWE/ZKrEwGUanLtigUxMqW
BaCwgGeoYOkjTQsuXz6huEpHYeLs3k3Eg09+D3L4x+NtdRQ5bw4thRF+HpoFDQ+Jd9KRsKrMm8Yz
EuXCo28CKoaZ8JXs8wgP/NT/8a+WRnvaNIYjD+bmh5SyuAXy9WU8IrCH3Qz5iwLLUeU2rGPmLp4L
4CeZWg6fzSBHsIWTy87AEJLrQsANaUPof49DNW8BuV/c4Lvum00QTF13/MpWNWhDxTnrI3/wL3pc
xNf7gq/cpI0LXtd7h/ypVtYt1kGPXiIW0q77IwtcalqCHnCzR+htoS4Jr+W0KRIBRLTEfteIiHMC
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CCsGAQUFBwMIMB0GA1UdDgQWBBTL0uP94rZ2uUebVX6C5NzZ/zk/uTAfBgNVHSMEGDAWgBRkr4GK
XDC4V2XaXaU9WG5HYkI0qzCBoQYDVR0fBIGZMIGWMDCgLqAshipodHRwOi8vY3JsMS5uZXRsb2Nr
Lmh1L2luZGV4LmNnaT9jcmw9Y3FsY2EwMKAuoCyGKmh0dHA6Ly9jcmwyLm5ldGxvY2suaHUvaW5k
ZXguY2dpP2NybD1jcWxjYTAwoC6gLIYqaHR0cDovL2NybDMubmV0bG9jay5odS9pbmRleC5jZ2k/
Y3JsPWNxbGNhMIIBRAYIKwYBBQUHAQEEggE2MIIBMjAtBggrBgEFBQcwAYYhaHR0cDovL29jc3Ax
Lm5ldGxvY2suaHUvY3FsY2EuY2dpMC0GCCsGAQUFBzABhiFodHRwOi8vb2NzcDIubmV0bG9jay5o
dS9jcWxjYS5jZ2kwLQYIKwYBBQUHMAGGIWh0dHA6Ly9vY3NwMy5uZXRsb2NrLmh1L2NxbGNhLmNn
aTA1BggrBgEFBQcwAoYpaHR0cDovL2FpYTEubmV0bG9jay5odS9pbmRleC5jZ2k/Y2E9Y3FsY2Ew
NQYIKwYBBQUHMAKGKWh0dHA6Ly9haWEyLm5ldGxvY2suaHUvaW5kZXguY2dpP2NhPWNxbGNhMDUG
CCsGAQUFBzAChilodHRwOi8vYWlhMy5uZXRsb2NrLmh1L2luZGV4LmNnaT9jYT1jcWxjYTANBgkq
hkiG9w0BAQsFAAOCAQEAbVrR163DQFUEHwEpqSTcvMXutKgiTzRKrf1SMHHKpyoM3Ckxrv3iso3H
z4tOgHXTXY0vHyg6kUiGI6hnOH6BclpmFSvMDKlAvvElKsZxkqVR/GiOGfOuHkeqlE2hnKeteFKp
rM7jEEkqdUDizVeCiF4wxzbWyLLFxrtCVpMWIrb8rs/pQ7eLu+riVOe3BExTzTTuhomdcXq7MAeI
z5ezCGZl97T2JrXLmcY0rffEON46kERmO/XcUxnX1MxhCjON9wp08m3G/QyEKvTZ5Q0gtlaLyU+f
edUxR9W/HOnCes7jm06aqHGkbrH+nhojJKyOJY0lcViO9p034v516Hbc6A==
-----END CERTIFICATE-----

Service digital identity:

Version:

3

Serial number:

81 856 757 760 018 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@netlock.hu,CN=NetLock Minősített Időbélyeg Szolgáltató
G1,OU=Időbélyeg Szolgáltatók,O=NetLock Kft.,L=Budapest,C=HU

Issuer:

CN=NetLock Minősített Eat. (Class Q Legal)
Tanúsítványkiadó,OU=Tanúsítványkiadók (Certification Services),O=NetLock
Kft.,L=Budapest,C=HU

Subject key identifier:

CB D2 E3 FD E2 B6 76 B9 47 9B 55 7E 82 E4 DC D9 FF 39 3F B9

Authority key identifier:

64 AF 81 8A 5C 30 B8 57 65 DA 5D A5 3D 58 6E 47 62 42 34 AB

Valid from:

2010-02-01T19:45:59.000Z   (01 Feb 2010 20:45:59 CET)

Valid to:

2015-01-31T19:45:59.000Z   (31 Jan 2015 20:45:59 CET)

Key usage:

nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

94:7E:7E:3E:59:BA:71:AD:19:14:8F:DF:BE:77:F2:51:1F:F3:C1:17

SHA-256:

1E:9F:33:D3:53:A8:DC:08:4B:74:A1:A0:D9:61:2E:FE:F1:86:21:5C:82:F2:27:FE:95:CF:5E:C0:3B:DB:D3:B0

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100CDD81E163F1BBDB090D950F0659613F64AAC4C0651A9CBB62814C4CA9605A0B08067A860E923
4D0B2E5F3EA1B84A4761E2ECDE4DC480EF7E0F72F8C7E36D7514396F0E2D85117E1E9A050D0F8977D291B0AACC9BC6
3312E5C2A36F022A8699F095ECF3080FFCD4FFF1AF96467BDA3486230FE6E68794B2B805F2F5653C22B087DD0CF98B
094B51E536AC63E62E9E0BE027995A0E9FCD2047B08593CBCEC01092EB42C00D6943E87F8F43356F01B95FDCE0BBEE
9B43904C5D77FCCA56356843C539EB237FF02F7A5CC4D7FB82AFDCA48D0B5ED77B87FCA956D62DD6418F5E2216D2AE
FB230B5C6A5A821E70B347E86DA12E09AFE5B429120144B4C47ED7888873020300E95D

Certificate policies:

not present

CRL distribution points:

http://crl1.netlock.hu/index.cgi?crl=cqlca
http://crl2.netlock.hu/index.cgi?crl=cqlca
http://crl3.netlock.hu/index.cgi?crl=cqlca

PEM format:

-----BEGIN CERTIFICATE-----
MIIGWzCCBUOgAwIBAgIGSnLC+AASMA0GCSqGSIb3DQEBCwUAMIG5MQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFTATBgNVBAoMDE5ldExvY2sgS2Z0LjE3MDUGA1UECwwuVGFuw7pzw6l0
dsOhbnlraWFkw7NrIChDZXJ0aWZpY2F0aW9uIFNlcnZpY2VzKTFHMEUGA1UEAww+TmV0TG9jayBN
aW7FkXPDrXRldHQgRWF0LiAoQ2xhc3MgUSBMZWdhbCCkgVGFuw7pzw6l0dsOhbnlraWFkw7MwHhcN
MTAwMjAxMTk0NTU5WhcNMTUwMTMxMTk0NTU5WjCBuDELMAkGA1UEBhMCSFUxETAPBgNVBAcMCEJ1
ZGFwZXN0MRUwEwYDVQQKDAx0ZXRMb2NrIEtmdC4xIzAhBgNVBAsMGklkxZFiw6lseWVnIFN6b2xn
w6FsdGF0w7NrMTowOAYDVQQDDDFOZXRMb2NrIE1pbsWRc80tdGV0dCBJZMWRysOpbHllZyBTem9s
Z8OhbHRhdMOzIEcxMR4wHAYJKoZIhvcNAQkBFg9pbmZvQG5ldGxvY2suaHUwggEiMA0GCSqGSIb3
DQEBAQUAA4IBDwAwggEKAoIBAQDN2B4WPxu9sJDZUPBllhP2SqxMBlGpy7YoFMTKlgWgsIBnqGDp
I00LLl8+obhKR2Hi7N5NxIDvfg9y+MfjbXUUOW8OLYURfh6aBQ0PiXfSkbCqzJvGMxLlwqNvAiqG
mfCV7PMID/zU//GvlkZ72jSGIw/m5oeUsrgF8vVlPCKwh90M+YsJS1HlNqxj5i6eC+AnmVoOn80g
R7CFk8vOwBCS60LADWlD6H+PQzVvAblf30C77ptDkExdd/zKVjVoQ8U56yN/8C96XMTX+4Kv3KSN
C17Xe4f8qVbWLdZBj14iFtKu+yMLXGpagh5ws0fobaEuCa/ltCkSAUS0xH7XiIhzAgMA6V2jggJm
MIICYjAMBgNVHRMBAf8EAjAAMA4GA1UdDwEB/wQEAwIGQDAWBgNVHSUBAf8EDDAKBggrBgEFBQcD
CDAdBgNVHQ4EFgQUy9Lj/eK2drlHmlV+guTc2f85P7kwHwYDVR0jBBgwFoAUZK+BilwwuFdl2l2l
PVhuR2JCNKswgaEGA1UdHwSBmTCBljAwoC6gLIYqaHR0cDovL2NybDEubmV0bG9jay5odS9pbmRl
eC5jZ2k/Y3JsPWNxbGNhMDCgLqAshipodHRw0i8vY3JsMi5uZXRsb2NrLmh1L2luZGV4LmNnaT9j
cmw9Y3FsY2EwMKAuoCyGKmh0dHA6Ly9jcmwzLm5ldGxvY2suaHUvaW5kZXguY2dpP2NybD1jcWxj
YTCCAUQGCCsGAQUFBwEBBIIBNjCCATIwLQYIKwYBBQUHMAGGIWh0dHA6Ly9vY3NwLm5ldGxvY2su
aHUwggEfBggrBgEFBQcwAYYhaHR0cDovL29jc3AyLm5ldGxvY2suaHUvY3FsY2EuY3J0MEcGCCsG
AQUFBzAChjtodHRw0i8vYWlhLm5ldGxvY2suaHUvaW5kZXguY2dpP2NybD1jcWxj
BQUHMAKGKWh0dHA6Ly9haWExLm5ldGxvY2suaHUvaW5kZXguY2dpP2NxbGNhLmNydDANBgkqhkiG
9w0BAQsFAAOCAQEAKKhzhFiaYDJlyVw00ZFjSP2wZlF5x/K0kBK9Y5+brjqitXRQ/qWdYWfyXxvDbKP0JXK
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FIp+UqC3MOiPfe9rUUriN2VF9HMkCZVyqsMcXPxRRF+EfeUhtR8g2z2wcAV9OyvL+JRlnE6P++Zk
0eBt+Bf6mOkZEsDZlqnRnL4XxZf8iXWggW+Cc1v6UlHdm0J2mKRh8SdrmR6xDhJ5epLDjAiTPtj4
r/J6SiOjAeN8fL/qHRbEHW46J1F+uUcPHwcG7z/SViL104M=
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

2.6.27.1. NetLock Minősített Időbélyeg Szolgáltató G1

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: NetLock Minősített Időbélyeg Szolgáltató G1

Hungarian: NetLock Minősített Időbélyeg Szolgáltató G1

Service digital identity: *Subject key identifier:*

CB D2 E3 FD E2 B6 76 B9 47 9B 55 7E 82 E4 DC D9 FF 39 3F B9

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2010-02-01T19:45:59.000Z (01 Feb 2010 20:45:59 CET)

2.6.28. NetLock Minősített Időbélyeg Szolgáltató G2

Provider: 6
Service: 28

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name:

English: NetLock Minősített Időbélyeg Szolgáltató G2

Hungarian: NetLock Minősített Időbélyeg Szolgáltató G2

Service digital identity: *Subject key identifier:*

51 37 2B E3 C9 25 8F F2 55 1A 31 30 B4 6B A1 55 DB C1 F8 51

Service digital identity: *Version:*

3

Serial number:

1 509 990 661 103 196 142 562 052 848 438 742 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@netlock.hu,CN=NetLock Minősített Időbélyeg Szolgáltató G2,OU=Időbélyeg Szolgáltatók,O=NetLock Kft.,L=Budapest,C=HU

Issuer:

CN=NetLock Minősített Eat. (Class Q Legal) Tanúsítványkiadó,OU=Tanúsítványkiadók (Certification Services),O=NetLock Kft.,L=Budapest,C=HU

Subject key identifier:

51 37 2B E3 C9 25 8F F2 55 1A 31 30 B4 6B A1 55 DB C1 F8 51

Authority key identifier:

64 AF 81 8A 5C 30 B8 57 65 DA 5D A5 3D 58 6E 47 62 42 34 AB

Valid from:

2011-08-08T13:33:13.000Z   (08 Aug 2011 15:33:13 CEST)

Valid to:

2024-08-09T13:33:13.000Z   (09 Aug 2024 15:33:13 CEST)

Key usage:

nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

58:28:53:FF:7E:1D:C6:D0:C5:55:DF:21:E4:90:53:9D:7C:84:10:57

SHA-256:

0C:66:B0:E4:58:BC:0C:05:EA:3B:D3:AC:29:BF:6E:8B:45:1A:76:D1:7F:BB:B2:45:28:4F:B9:1B:50:41:B8:A2

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100A18CC8962284853187E3CDE18911D13A05E16BB90DA9757F1FC90283549E05368EBB74878CFF
95EBCBB50881189DB9BABA85E9A01970C2B3FCC6A5B335429F730D8402FCE7213A57E59273572D0E56857E26124887
72901AF5644BDD034ECD577690E35829919FC28564141E2CF15A1ED90AAB3AF79A3CF806B4887D5545E57AA8AE11B2
4F0316F4D15A90EEBA93242AF335354D2A3C14BA3783D0F684FD2FAF71217C72719E4E4EBE2DC998BF82C0D984D36B
63B58F0D7B49C075B17E47D63DDBEEE345D1DE121F6AA944A15474DCF18BDC1182E72B67962509A878C0F097E0D32A
A948117FC6724EB5EC9937759B0E87B93424C5FB327A09E7773352AD83EF0203009595

Certificate policies:

not present

CRL distribution points:

http://crl1.netlock.hu/index.cgi?crl=cqlca

http://crl2.netlock.hu/index.cgi?crl=cqlca

http://crl3.netlock.hu/index.cgi?crl=cqlca

PEM format:

-----BEGIN CERTIFICATE-----
MIIGYzCCBUugAwIBAgIOSnLC+AAtarC6fGZrTdYwDQYJKoZIhvcNAQELBQAwgbkxCzAJBgNVBAYT
AkhVMREwDwYDVQQHDAhCdWRhcGVzdDEVMBMGA1UECgwMTmV0TG9jayBLZnQuMTcwNQYDVQQLDC5U
YW7DunPDrXR2w6FueWtpYWTDs2sgKENlcnRpRpZmljYXRpb24gU2VydmljZXMpMUcwRQYDVQQDDD5O
ZXRMb2NrIE1pbsWRc8OtdGV0dCBFYXQuIChDbGFzcyBRIExlZ2FsKSBUYW7DunPDrXR2w6FueWtp
YWTDszAeFw0xMTA4MDgxMzMzMTNaFw0yNDA4MDkxMzMzMTNaMIG4MQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFTATBgNVBAoMDE5ldExvY2sgS2Z0LjEjMCEGA1UECwwaSWTFkWLDqWx5
ZWcgU3pvbGfDoWx0YXTDs2sx0jA4BgNVBAMMMU5ldExvY2sgTWluzXFzw610ZXR0IElkxZFiw6ls
eWVnIFN6b2xnw6FsdGF0w7MgRzIxHjAcBgkqhkiG9w0BCQEWD2luZm9AbmV0bG9jay5odTCCASIw
DQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAKGMyJYihIUxh+PN4YkR0ToF4Wu5Dal1fx/JAoNU
nGU2jrt0h4z/levLtQiBGJ25urqF6aAZcMKz/MalszVCn3MNhAL85yE6V+WSc1ctDlaFfiYSSIdy
kBr1ZEvdA07NV3aQ41gpkZ/ChWQUHizxWh7ZCqs695o8+Aa0iH1VReV6qK4Rsk8DFvTRWpDuupMk
KvM1NU0qPBS6N4PQ9oT9L69xIXxycZ50Tr4tyZi/gsDZhNNrY7WPDXtJwHWxfkfWPdvu40XR3hIf
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XDC4V2XaXaU9WG5HYkI0qzCBoQYDVR0fBIGZMIGWMDCgLqAshipodHRwOi8vY3JsMS5uZXRsb2Nr
Lmh1L2luZGV4LmNnaT9jcmw9Y3FsY2EwMKAuoCyGKmh0dHA6Ly9jcmwyLm5ldGxvY2suaHUvaW5k
ZXguY2dpP2NybD1jcWxjYTAwoC6gLIYqaHR0cDovL2NybDMubmV0bG9jay5odS9pbmRleC5jZ2k/
Y3JsPWNxbGNhMIIBRAYIKwYBBQUHAQEEggE2MIIBMjAtBggrBgEFBQcwAYYhaHR0cDovL29jc3Ax
Lm5ldGxvY2suaHUvY3FsY2EuY2dpMC0GCCsGAQUFBzABhiFodHRwOi8vb2NzcDIubmV0bG9jay5o
dS9jcWxjYS5jZ2kwLQYIKwYBBQUHMAGGIWh0dHA6Ly9vY3NwMy5uZXRsb2NrLmh1L2NxbGNhLmNn
aTA1BggrBgEFBQcwAoYpaHR0cDovL2FpYTEubmV0bG9jay5odS9pbmRleC5jZ2k/Y2E9Y3FsY2Ew
NQYIKwYBBQUHMAKGKWh0dHA6Ly9haWEyLm5ldGxvY2suaHUvaW5kZXguY2dpP2NhPWNxbGNhMDUG
CCsGAQUFBzAChilodHRwOi8vYWlhMy5uZXRsb2NrLmh1L2luZGV4LmNnaT9jYTljcWxjYTANBgkq
hkiG9w0BAQsFAAOCAQEAWY7WaX44EbeXb/+j8W7ZbKbad/+yUK+HW7lVmRLZsNmcHC4jSQZRZAXw
JD+XFekNs/5pagQkb5NRU9Xd69Hczb3lFfQCQXYE43zuS5/Wf5hUML4hDfRZF/T7Df7FzvvjLvjd
uDGUERcbhSaEXe/9HgFdGWjvH1cvKpgnAmw9zce6La89lixb7IH1awOh1g2TlYmUECcZ/QwWsxZD
WaGXisyw2+awUB4m2bZMmR5KC3ppq/RrrANZjx3NUKSR8XbvT/KAHFo3K2woj3lluJelDuzNuR1e
TSQsPf2xeWwgDF59lJvzMflAnBxiGF7cddvh32lKgdudZqiRRYMt8BlAPg==
-----END CERTIFICATE-----

Service digital identity:

Version:

3

Serial number:

81 856 757 760 032 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@netlock.hu,CN=NetLock Minősített Időbélyeg Szolgáltató
G2,OU=Időbélyeg Szolgáltatók,O=NetLock Kft.,L=Budapest,C=HU

Issuer:

CN=NetLock Minősített Eat. (Class Q Legal)
Tanúsítványkiadó,OU=Tanúsítványkiadók (Certification Services),O=NetLock
Kft.,L=Budapest,C=HU

Subject key identifier:

51 37 2B E3 C9 25 8F F2 55 1A 31 30 B4 6B A1 55 DB C1 F8 51

Authority key identifier:

64 AF 81 8A 5C 30 B8 57 65 DA 5D A5 3D 58 6E 47 62 42 34 AB

Valid from:

2010-12-08T15:03:13.000Z   (08 Dec 2010 16:03:13 CET)

Valid to:

2015-12-07T15:03:13.000Z   (07 Dec 2015 16:03:13 CET)

Key usage:

nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

2B:6B:2A:2D:F1:2A:54:03:61:A2:E8:44:88:1B:99:4B:F0:1A:4D:DA

SHA-256:

3D:BA:84:A5:7D:CC:C4:69:57:4D:E4:CE:EF:69:D6:50:F6:EE:7C:C8:EF:DA:C5:4F:07:01:FB:A0:A3:E7:5A:30

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100A18CC8962284853187E3CDE18911D13A05E16BB90DA9757F1FC90283549E05368EBB74878CFF
95EBCBB50881189DB9BABA85E9A01970C2B3FCC6A5B335429F730D8402FCE7213A57E59273572D0E56857E26124887
72901AF5644BDD034ECD577690E35829919FC28564141E2CF15A1ED90AAB3AF79A3CF806B4887D5545E57AA8AE11B2
4F0316F4D15A90EEBA93242AF335354D2A3C14BA3783D0F684FD2FAF71217C72719E4E4EBE2DC998BF82C0D984D36B
63B58F0D7B49C075B17E47D63DDBEEE345D1DE121F6AA944A15474DCF18BDC1182E72B67962509A878C0F097E0D32A
A948117FC6724EB5EC9937759B0E87B93424C5FB327A09E7773352AD83EF0203009595

Certificate policies:

not present

CRL distribution points:

http://crl1.netlock.hu/index.cgi?crl=cqlca
http://crl2.netlock.hu/index.cgi?crl=cqlca
http://crl3.netlock.hu/index.cgi?crl=cqlca

PEM format:

-----BEGIN CERTIFICATE-----
MIIGWzCCBUOgAwIBAgIGSnLC+AAgMA0GCSqGSIb3DQEBCwUAMIG5MQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFTATBgNVBAoMDE5ldExvY2sgS2Z0LjE3MDUGA1UECwwuVGFuw7pzw6l0
dsOhbnlraWFfkw7NrIChDZXJ0aWZpY2F0aW9uIFNlcnZpY2VzKTFHMEUGA1UEAww+TmV0TG9jay
aW7FkXPDrXRldHQgRWF0LiAoQ2xhc3MgUSBMZWdhbCkgVGFuw7pzw6l0dsOhbnlraWFfkw7MwHhcN
MTAxMjA4MTUwMzEzWhcNMTUxMjA3MTUwMzEzWjCBuDELMAkGA1UEBhMCSFUxETAPBgNVBAcMCEJ1
ZGFwZXN0MRUwEwYDVQQKDAx0ZXRMb2NrIEtmdC4xIzAhBgNVBAsMGklkxZFiw6lseWVnIFN6b2xn
w6FsdGF0w7NrMTowOAYDVQQDDDFOZXRMb2NrIE1pbsWRc80tdGV0dCBJZMWRYsOpbHllZyBTem9s
Z8OhbHRhdMOzIEcyMR4wHAYDVQQKDAx0ZXRMb2NrIE1pbmRlwo5oy5pldGV0dCBJZMWRYsOpbHlsZ
DQEBAQUAA4IBDwAwggEKAoIBAQChjMiWIoSFMYfjzeGJEdE6BeFruQ2pdX8fyQKDVJJ4FNo67dIeM
/5Xry7UIgRidubq6hemgGXDCs/zGpbMlQp9zDYQC/Och0lflknNXLQ5WhX4mEkiHcpAa9WRL3QNO
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ujeD0PaE/S+vcSF8cnGeTk6+LcmYv4LA2YTTa2O1jwl7ScB1sX5H1j3b7uNF0d4SH2qpRKFUdNzx
i9wRgucrZ5YlCah4wPCX4NMqqUgRf8ZyTrXsmTd1mw6HuTQkxfsyegnndzNSrYPvAgMAlZWjggJm
MIICYjAMBgNVHRMBAf8EAjAAMA4GA1UdDwEB/wQEAwIGQDAWBgNVHSUBAf8EDDAKBggrBgEFBQcD
CDAdBgNVHQ4EFgQUUTcr48klj/JVGjEwtGuhVdvB+FEwHwYDVR0jBBgwFoAUZK+BilwwuFdl2l2l
PVhuR2JCNKswgaEGA1UdHwSBmTCBljAwoC6gLIYqaHR0cDovL2NybDEubmV0bG9jay5odS9pbmRl
eC5jZ2k/Y3JsPWNxbGNhMDCgLqAshipodHRwOi8vY3JsMi5uZXRsb2NrLmh1L2luZGV4LmNnaT9j
cmw9Y3FsY2EwMKAuoCyGKmh0dHA6Ly9jcmwzLm5ldGxvY2suaHUvaW5kZXguY2dpP2NybD1jcWxj
YTCCAUQGCCsGAQUFBwEBBIIBNjCCATIwLQYIKwYBBQUHMAGGIWh0dHA6Ly9vY3NwLmS5uZXRsb2Nr
Lmh1L2NxbGNhNLmNnaTAtBggrBgEFBQcwAYYhaHR0cDovL29jc3AyLm5ldExvY2suaHUvY3FsY2Eu
Y2dpMC0GCCsGAQUFBzABhifodHRwOi8vb2NzcDMubmV0bG9jay5odHA6Ly9vY3NwMS5uZXRsb2Nr
BQUHMAKGKWh0dHA6Ly9haWExcm5ldExvY2suaHUvaWE5kZXguY2dpP2NhPWNxbGNhMDUGCCsGAQUF
BzAChilodHRwOi8vYWlhMi5uZXRsb2NrLmh1L2luZGV4LmNnaT9jcWxjYTA1BggrBgEFBQcw
AoYpaHR0cDovL2FpYTMubmV0bG9jay5odS9pbmRleC5jZ2k/Y2E9Y3FsY2EwDQYJKoZIhvcNAQEL
BQADggEBAIAE8vAlXo7EC79jdW845en0CW2d0TdpR7o57vQXsTlKeC7ReyVmvkHaccbdaQlzUs+D
lryU9/HVKdgaIc3imPL2NhKFCE2blolTyEbu8mGJKWFDg6RNdMq3n2kSilikRy24RsHefPIXBmTy
R2v3edrYp2SpVM9zFPTcinxeVTrJbqeEPKF14a1cCGDkaS+v6VTaONFr2mKNxJ1jh/BO3xpWHoBx
lhuXFOT4PBIBLrQXB5WtDIclu0fOUv40ajcFkLjWxFj04Rxyfo8V5Jw8jlgtldgSjtWjfIEVNw2c
j4q9WYqd/GOxMGcakUSoRU3IxbEit+Sl7fQnHcLjTGtWQ7g=
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

2.6.28.1. NetLock Minősített Időbélyeg Szolgáltató G2

```
Provider: 6
Service: 28
History: 1/1
```

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: NetLock Minősített Időbélyeg Szolgáltató G2

Hungarian: NetLock Minősített Időbélyeg Szolgáltató G2

Service digital identity: *Subject key identifier:*

51 37 2B E3 C9 25 8F F2 55 1A 31 30 B4 6B A1 55 DB C1 F8 51

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2010-12-08T15:03:13.000Z   (08 Dec 2010 16:03:13 CET)

2.6.29. NetLock Minősített Időbélyeg Szolgáltató G3

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: NetLock Minősített Időbélyeg Szolgáltató G3

Hungarian: NetLock Minősített Időbélyeg Szolgáltató G3

Service digital identity: *Subject key identifier:*

66 4A 15 99 E4 91 00 B1 6C AA 12 BD C4 19 53 7C 02 60 BF A2

Service digital identity: *Version:*

3

Serial number:

1 509 990 661 103 213 301 684 963 765 557 457 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@netlock.hu,CN=NetLock Minősített Időbélyeg Szolgáltató G3,OU=Időbélyeg Szolgáltatók,O=NetLock Kft.,L=Budapest,C=HU

Issuer:

CN=NetLock Minősített Eat. (Class Q Legal) Tanúsítványkiadó,OU=Tanúsítványkiadók (Certification Services),O=NetLock Kft.,L=Budapest,C=HU

Subject key identifier:

66 4A 15 99 E4 91 00 B1 6C AA 12 BD C4 19 53 7C 02 60 BF A2

Authority key identifier:

64 AF 81 8A 5C 30 B8 57 65 DA 5D A5 3D 58 6E 47 62 42 34 AB

Valid from:

2011-08-08T13:33:59.000Z   (08 Aug 2011 15:33:59 CEST)

Valid to:

2024-08-09T13:33:59.000Z   (09 Aug 2024 15:33:59 CEST)

Key usage:

nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

76:4B:5C:5A:7C:A3:85:6A:BE:94:BD:1A:A3:76:CA:B1:28:3F:75:99

SHA-256:

B4:4E:09:21:A3:29:A7:E3:24:4E:58:B1:A6:70:B3:A0:27:60:B6:20:96:B0:0E:0D:25:D2:85:C2:75:EB:5D:40

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100CEC61AE9991658BBFD5920A52A8591E5AF50B68ADD7325BA2C45E6ADA6F09A97D767CE35D0C1
F51FBF445A08AED307CE71E774FA9E4FBD257BE5CA8355A9CD8CE60FB9B2E539FEEB049117FC9C9DA5B964F8A28764
ECF6683FFCE566497E713AB5C6B9F40E0D700703C3D39100245129A8D2601BBD1E39ED2BFAEC7E53602F801AC39E2D
37B03809B8BE76A8E0F87A663BA80C8BE6CEBE420E0E2DFD0A9AF132925E3FEEC14608C9B297B319646669AF7DD7C0
15D96594DCF1C6CD561975A3D44A3EA5E8637F4D955393D5D4224A891C12B2170B32BC6DB3AE5E802794E641475AA7
D6A7663C7C5216262334E26DAA623F73B0067A0EB76A3BAFCA4DF6BE8BF5020300EA99

Certificate policies:

not present

CRL distribution points:

http://crl1.netlock.hu/index.cgi?crl=cqlca

http://crl2.netlock.hu/index.cgi?crl=cqlca

http://crl3.netlock.hu/index.cgi?crl=cqlca

PEM format:

```
-----BEGIN CERTIFICATE-----
MIIGYzCCBUugAwIBAgIOSnLC+AAuWNIt3EjmmNEwDQYJKoZIhvcNAQELBQAwgbkxCzAJBgNVBAYT
AkhVMREwDwYDVQQHDAhCdWRhcGVzdDEVMBMGA1UECgwMTmV0TG9jayBLZnQuMTcwNQYDVQQLDC5U
YW7DunPDrXR2w6FueWtpYWTDs2sgKENlcnRpZmljYXRpb24gU2VydmljZXMpMUcwRQYDVQQDDD5O
ZXRMb2NrIElpbsWRc8OtdGV0dCBFYXQuIChDbGFzcyBRIExlZ2FsKSBUYW7DunPDrXR2w6FueWtp
YWTDszAeFw0xMTA4MDgxMzMzNTlaFw0yNDA4MDkxMzMzNTlaMIG4MQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFTATBgNVBAoMDE5ldExvY2sgS2Z0LjEjMCEGA1UECwwaSWTFkWLDqWx5
ZWcgU3pvbGfDoWx0YXTDs2sx0jA4BgNVBAMMMU5ldExvY2sgTWluZFzw610ZXR0IElkxZFiw6ls
eWVnIFN6b2xnw6FsdGF0w7MgRzMxHjAcBgkqhkiG9w0BCQEWD2luZm9AbmV0bG9jay5odTCCASIw
DQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAM7GGumZFli7/VkgpSqFkeWvULaK3XMluixF5q2m
8JqX12fONdDB9R+/RFoIrtMHznHndPqeT70le+XKglWpzYzmD7my5Tn+6wSRF/ycnaW5ZPiih2Ts
9mg//OVmSX5x0rXGufQODXAHA8PTkQAkUSmo0mAbvR457Sv67H5TYC+AGsOeLTewOAm4vnao4Ph6
ZjuoDIvmzr5CDg4t/Qqa8TKSXj/uwUYIybKXsxlkZmmvfdfAFdlllNzxxs1WGXWj1Eo+pehjf02V
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AwDqma0CAmYwggJiMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgZAMBYGA1UdJQEB/wQMMAoG
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Lmh1L2luZGV4LmNnaT9jcmw9Y3FsY2EwMKAuoCyGKmh0dHA6Ly9jcmwyLm5ldGxvY2suaHUvaW5k
ZXguY2dpP2NybD1jcWxjYTAwoC6gLIYqaHR0cDovL2NybDMubmV0bG9jay5odS9pbmRleC5jZ2k/
Y3JsPWNxbGNhMIIBRAYIKwYBBQUHAQEEggE2MIIBMjAtBggrBgEFBQcwAYYhaHR0cDovL29jc3Ax
Lm5ldGxvY2suaHUvY3FsY2EuY2dpMC0GCCsGAQUFBzABhiFodHRwOi8vb2NzcDIubmV0bG9jay5o
dS9jcWxjYS5jZ2kwLQYIKwYBBQUHMAGGIWh0dHA6Ly9vY3NwMy5uZXRsb2NrLmh1L2NxbGNhLmNn
aTA1BggrBgEFBQcwAoYpaHR0cDovL2FpYTEubmV0bG9jay5odS9pbmRleC5jZ2k/Y2E9Y3FsY2Ew
NQYIKwYBBQUHMAKGKWh0dHA6Ly9haWEyLm5ldGxvY2suaHUvaW5kZXguY2dpP2NhPWNxbGNhMDUG
CCsGAQUFBzAChilodHRwOi8vYWlhMy5uZXRsb2NrLmh1L2luZGV4LmNnaT9jYT1jcWxjYTANBgkq
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X43dIxkLDorxVpEukrd2Bv4cXHafa8viTgr8bLZRZ59wDw8RRzPd5zkzUAkSfQ56EU1XTwjjCTaI
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Y04cOT6H7WuaEWapvd6vBzmlKfN5QGvU52Y+rcW4alettDllmgvU8i63ug==
-----END CERTIFICATE-----
```

Service digital identity:

Version:

3

Serial number:

81 856 757 760 031 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@netlock.hu,CN=NetLock Minősített Időbélyeg Szolgáltató
G3,OU=Időbélyeg Szolgáltatók,O=NetLock Kft.,L=Budapest,C=HU

Issuer:

CN=NetLock Minősített Eat. (Class Q Legal)
Tanúsítványkiadó,OU=Tanúsítványkiadók (Certification Services),O=NetLock
Kft.,L=Budapest,C=HU

Subject key identifier:

66 4A 15 99 E4 91 00 B1 6C AA 12 BD C4 19 53 7C 02 60 BF A2

Authority key identifier:

64 AF 81 8A 5C 30 B8 57 65 DA 5D A5 3D 58 6E 47 62 42 34 AB

Valid from:

2010-12-08T15:02:05.000Z   (08 Dec 2010 16:02:05 CET)

Valid to:

2015-12-07T15:02:05.000Z   (07 Dec 2015 16:02:05 CET)

Key usage:

nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

ED:B7:63:77:D0:7B:56:BB:6A:FA:76:96:0C:F1:6E:97:AB:7C:72:00

SHA-256:

05:9D:8D:47:2F:37:27:26:71:8D:55:BB:64:B2:46:DA:80:EC:24:FA:8B:1F:4B:D6:65:79:87:92:82:7A:C9:2E

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100CEC61AE9991658BBFD5920A52A8591E5AF50B68ADD7325BA2C45E6ADA6F09A97D767CE35D0C1
F51FBF445A08AED307CE71E774FA9E4FBD257BE5CA8355A9CD8CE60FB9B2E539FEEB049117FC9C9DA5B964F8A28764
ECF6683FFCE566497E713AB5C6B9F40E0D700703C3D39100245129A8D2601BBD1E39ED2BFAEC7E53602F801AC39E2D
37B03809B8BE76A8E0F87A663BA80C8BE6CEBE420E0E2DFD0A9AF132925E3FEEC14608C9B297B319646669AF7DD7C0
15D96594DCF1C6CD561975A3D44A3EA5E8637F4D955393D5D4224A891C12B2170B32BC6DB3AE5E802794E641475AA7
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Certificate policies:

not present

CRL distribution points:

http://crl1.netlock.hu/index.cgi?crl=cqlca

http://crl2.netlock.hu/index.cgi?crl=cqlca

http://crl3.netlock.hu/index.cgi?crl=cqlca

PEM format:

-----BEGIN CERTIFICATE-----
MIIGWzCCBUOgAwIBAgIGSnLC+AAfMA0GCSqGSIb3DQEBCwUAMIG5MQswCQYDVQQGEwJIVTERMA8G
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dsOhbnlraWFkw7NrIChDZXJ0aWZpY2F0aW9uIFNlcnZpY2VzKTFHMEUGA1UEAww+TmV0TG9jayBN
aW7FkXPDrXRldHQgRWF0LiAoQ2xhc3MgUSBMZWdhbCkgKVGFuw7pzv6l0dsOhbnlraWFkw7MwHhcN
MTAxMjA4MTUwMjA1WhcNMTUxMjA3MTUwMjA1WjCBuDELMAkGA1UEBhMCSFUxETAPBgNVBAcMCEJ1
ZGFwZXN0MRUwEwYDVQQKDAx0ZXRMb2NrIEtmdC4xIzAhBgNVBAsMGklkxZFiw6lseWVnIFN6b2xn
w6FsdGF0w7NrMTowOAYDVQQDDDFOZXRMb2NrIE1pbsWRc80tdGV0dCBJZMWRYsOpbHllZyBTem9s
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wfUfv0RaCK7TB85x53T6nk+9JXvlyoNVqc2M5g+5suU5/usEkRf8nJ2luWT4oodk7PZoP/zlZkl+
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CDAdBgNVHQ4EFgQUZkoVmeSRALFsqhK9xBlTfAJgv6IwHwYDVR0jBBgwFoAUZK+BilvwuFdl2l2l
PVhuR2JCNKswgaEGA1UdHwSBmTCBljAwoC6gLIYqaHR0cDovL2NybDEubmV0bG9jay5odS9pbmRl
eC5jZ2k/Y3JsPWNxbGNhMDCgLqAshipodHRwOi8vY3JsMi5uZXRsb2NrLmh1L2luZGV4LmNnaT9j
cmw9Y3FsY2EwMKAuoCyGKmh0dHA6Ly9jcmwzLm5ldGxvY2suaHUvaW5kZXguY2dpP2NybD1jcWxj
YTCCAUQGCCsGAQUFBwEBBIIBNjCCATIwLQYIKwYBBQUHMAGGIWh0dHA6Ly9vY3NwLm5ldExvY2su
Lmh1L2NxbGNhLmNnaTAtBggrBgEFBQcwAYYhaHR0cDovL29jc3AyLm5ldExvY2suaHUvY3FsY2Eu
Y2dpMC0GCCsGAQUFBzABhiFodHRwOi8vb2NzcDMubmV0bG9jay5odS9jcWxjYS5jZ2kwNQYIKwYB
BQUHMAKGKWh0dHA6Ly9haWExLm5ldExvY2suaHUvaW5kZXguY2dpP2NhP2NhPWNxbGNhMDUGCCsGAQUF
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AoYpaHR0cDovL2FpYTMubmV0bG9jay5odS9pbmRleC5jZ2k/Y2E9Y3FsY2EwDQYJKoZIhvcNAQEL
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exwYe6Rq9Z4QgN4aHjMEUAgsvG8nCO3OImZcQGM+pfRt1PTqJykqzEzHlwNmp8nWtq7OV41woCQ6
V88a5qB/x35Cxcy+bhw7wWu78Bgh0E8Cthrf2r6G2On/olWl+hpDNKlctR3SlXDX1A5UQNNtThLI
qCKUx56PsLjH8z8jfywNIiwssI5NptTRZxrnCpa+yFm3VU8NFr+OH+e7qsXbRQLS5Md9h+CMOc4M
HxeV/awTD6R/tpNbcpLvH9jv4h7+9YwLuhuComcuBBf3N4U=
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

2.6.29.1. NetLock Minősített Időbélyeg Szolgáltató G3

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: NetLock Minősített Időbélyeg Szolgáltató G3

Hungarian: NetLock Minősített Időbélyeg Szolgáltató G3

Service digital identity: *Subject key identifier:*

66 4A 15 99 E4 91 00 B1 6C AA 12 BD C4 19 53 7C 02 60 BF A2

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2010-12-08T15:02:05.000Z   (08 Dec 2010 16:02:05 CET)

2.6.30. NetLock Minositett Idobelyeg Szolgaltato 8

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: NetLock Minositett Idobelyeg Szolgaltato 8

Hungarian: NetLock Minositett Idobelyeg Szolgaltato 8

Service digital identity:

Version:

3

Serial number:

124 494 652 926 927 229 172 115 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

EMAILADDRESS=info@netlock.hu,CN=NetLock Minositett Idobelyeg Szolgaltato 8,OU=Idobelyeg Szolgaltatok,O=NetLock Kft.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@netlock.hu,CN=NetLock Minositett Kozjegyzoi (Class QA) Tanusitvanykiado,OU=Tanusitvanykiadok,O=NetLock Halozatbiztonsagi Kft.,L=Budapest,C=HU

Subject key identifier:

not present

Authority key identifier:

not present

Valid from:

2011-08-09T12:30:57.000Z   (09 Aug 2011 14:30:57 CEST)

Valid to:

2022-10-30T12:30:57.000Z   (30 Oct 2022 13:30:57 CET)

Key usage:

nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

4B:E0:B6:9E:0B:A0:35:34:11:32:A2:EE:DE:70:36:F8:0D:D3:68:29

SHA-256:

F4:A9:33:5D:6F:79:EC:58:1F:2B:0C:CD:73:E7:45:2C:8B:C5:38:0A:74:3C:DA:9F:39:1F:B4:F0:3A:86:F9:BC

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100A5131661F316B1EF5819A8EA5671705974C5B750B8BA90C2ED4D74567AF9909863C87C84C7D2
B8B8EBA43DD8115D10DE9205175C96F3F93081D5AC4056EDE4C49637815088DB888AD9BE75B876DFB613EAB018590B
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6081926EB1A5F89256F74BF42AE9538B0A250DBB5786D153A74EE4D8EBC021117960F852E7BC55AC013F1E1192C743
57F3015E1B94CFAC6D93AB26F3B4062E8EB6492B2BD7361697172597B2F98BAF31EFF8907EB7909B0FB2EA311A9860
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Certificate policies:

not present

CRL distribution points:

http://crl1.netlock.hu/index.cgi?minositett&crl=mshea

PEM format:

```
-----BEGIN CERTIFICATE-----
MIIHQTCCBimgAwIBAgIKGlzeYGQZkkA5kzANBgkqhkiG9w0BAQUFADCByTELMAkGA1UEBhMCSFUx
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D2luZm9AbmV0bG9jay5jay5odTAeFw0xMTA4MDkxMjMwNTdaFw0yMjEwMjAxMjMwNTdaMIGtMQswCQYD
VQQGEwJIVTERMA8GA1UEBwwIQnVkYXBlc3QxFTATBgNVBAoMDE5ldExvY2sgS2Z0LjEfMB0GA1UE
CwwWSWRvYmVseWVnIFN6b2xnYWx0YXRvazEzMDEGA1UEAwwqTmV0TG9jayBNaW5vc2l0ZXR0IElk
b2JlbHllZyBTem9sZ2FsdGF0byA4MR4wHAYJKoZIhvcNAQkBFg9pbmZvQG5ldGxvY2suaHUwggEi
MA0GCSqGSIb3DQEBAQUAA4IBDwAwggEKAoIBAQClExZh8xax71gZqOpWcXBZdMW3ULi6KMLtTXRW
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IGlkb2JlbHllZ2hleiBhIHZvbmF0a296byBpBqb2dzemFiYWx5b2tiYWx5b2tiYWx5b2tiYXNvaXdlcCdnbkCBq
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YmFuIGVzIEFsdGFsYXNvcyBTemVyem9kZXNpIEZlbHRldGVsZWtiZW4gdGFsYWxoYXRvYXNvZdCBm
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b0BuZXRsb2NrLmh1IGUtbWFpbCBjaW1lbi4gV0FSTkl0RyEgVGhpcyBpcyBhIHRpbWUgc3RhbXBp
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YXQgaHR0cHM6Ly93d3cubmV0bG9jay5odTAyLyBvciBieSBllLW1haWwgYXQgaW5mb0BuZXRs
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-----END CERTIFICATE-----
```

Service digital identity:

Version:

3

Serial number:

5 848 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

EMAILADDRESS=info@netlock.hu,CN=NetLock Minositett Idobelyeg Szolgaltato 8,OU=Idobelyeg Szolgaltatok,O=NetLock Kft.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@netlock.hu,CN=NetLock Minositett Kozjegyzoi (Class QA) Tanusitvanykiado,OU=Tanusitvanykiadok,O=NetLock Halozatbiztonsagi Kft.,L=Budapest,C=HU

Subject key identifier:

not present

Authority key identifier:

not present

Valid from:

2010-12-08T14:48:55.000Z   (08 Dec 2010 15:48:55 CET)

Valid to:

2015-12-07T14:48:55.000Z   (07 Dec 2015 15:48:55 CET)

Key usage:

nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

F4:56:7A:0C:AF:C1:0B:B0:A8:EC:CB:58:3F:CC:90:94:89:1C:84:03

SHA-256:

3D:60:09:B1:B8:0B:88:A0:2A:0D:40:9B:E1:B3:61:83:C3:12:19:67:B1:A1:3B:73:26:77:6B:B7:74:46:47:0F

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100A5131661F316B1EF5819A8EA5671705974C5B750B8BA90C2ED4D74567AF9909863C87C84C7D2
B8B8EBA43DD8115D10DE9205175C96F3F93081D5AC4056EDE4C49637815088DB888AD9BE75B876DFB613EAB018590B
D69D4FF05CBA6CA66F7ADF9454EC63FF8F83FCAB40CECDF82F20EE23AF06988382CC35774363A15E76EFBD34824970
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AE3A82E288E1CDB3B090FA9C5DE24F9D16162DBE95CB0AAE6BED0860E44702030095E3

Certificate policies:

not present

CRL distribution points:

http://crl1.netlock.hu/index.cgi?minositett&crl=mshea

PEM format:

-----BEGIN CERTIFICATE-----
MIIH0TCCBiGgAwIBAgICFtgwDQYJKoZIhvcNAQEFBQAwgckxCzAJBgNVBAYTAkhVMREwDwYDVQQH
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VQQLExFUYW51c2l0dmFueWtpYWRvazFCMEAGA1UEAxM5TmV0TG9jayBNaW5vc2l0ZXR0IEtvzempl
Z3l6b2kgKENsYXNzIFFBKSBUYW51c2l0dmFueWtpYWRvMR4wHAYJKoZIhvcNAQkBFg9pbmZvQG5l
dGxvY2suaHUwHhcNMTAxMjA4MTQ0ODU1WhcNMTUxMjA3MTQ0ODU1WjCBrTELMAkGA1UEBhMCSFUx
ETAPBgNVBAcMCEJ1ZGFwZXN0MRUwEwYDVQQKDAxOZXRMb2NrIEtmdC4xHzAdBgNVBAsMFklkb2Jl
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U3pvbGddhbHRhdG8g0DEeMBwGCSqGSIb3DQEJARYPaW5mb0BuZXRsb2NrLmhlMIIBIjANBgkqhkiG
9w0BAQEFAAOCAQ8AMIIBCgKCAQEApRMWYfMWse9YGajqVnFwWXTFt1C4upDC7U10Vnr5kJhjyHyE
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b3rflFTsY/+Pg/yrQM7N+C8g7iOvBpiDgsw1d0NjoV527700gklwYIGSbrGl+JJW90v0KulTiwol
DbtXhtFTp07k20vAIRF5YPhS57xVrAE/HhGSx0NX8wFeG5TPrG2TqybztAYujrZJKyvXNhaXFyWX
svmLrzHv+JB+t5CbD7LqMRqYYK46guKI4c2zsJD6nF3iT50WFi2+lcsKrmvtCGDkRwIDAJXjo4ID
QzCCAz8wDAYDVR0TAQH/BAIwADAOBgNVHQ8BAf8EBAMCBkAwggK9BglghkgBhvhCAQ0EggKuFoIC
qkZJR1lFTEVNISBFemVuIHRhbnVzaXR2YW55IGEgTmV0TG9jaayBLZnQuIE1pbm9zaXtEtRldHQgSWRv
YmVseWVnemVzIFN6b2xnYWx0YXRhc2SB0YW51c2l0dmFueEuIIEEgbWlub3SpdGV0dCBpZG9iZWx5
ZWdoZXogYSB2b25hdGtvem8gam9nc3phYmFseW9rYmFuIG1lZ2hhdGFyb3pvdHQgam9naGF0YXNv
ayBraXphphcm9sYWcgYSBNaW5vc2l0ZXR0IEN6b2xnYW0YXRhc2kgU3phYmFseXphdXhdjhiBlcyBB
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ayBtZWxsZXR0IGZ1em9kbmVrLiBBIGRva3VtZW50dW1vayBtZWxxhxbGhhdhdG9rIGEgaHR0cHM6
Ly93d3cubmV0bG9jay9jay5odS9kb2NzLyBjaWllbiB2YWd5IGtlcmhlddG9rIGF6IGluZm9AbmV0bG9j
ay5odSBlLW1haWwgY2ltZW4uIFdkBUk5JTkchIFRoaXMgaXMgYSB0aWl1IIHN0YW1waW5nIGNlcnRp
ZmljYXRlIG9mIHRoZSBOZXRMb2NrIFFlYWxpZmllZCBUaWllIFN0YW1waW5nIFNlcnZpY2UuIFRo
ZSB1c2Ugb2YgdGhpcyBjZXJ0aWZpY2F0ZY2F0ZS0awZpbmQgdGltZSBzdGFtcHMgc2lnbmVkICJ5IG5lO1GFy
ZSBzdWJqZWN0IHRvIHRoZSBOZXRMb2NrIFYYWxpZmllZCBDUFMgYXZhaWxhYmxlIGF0IGh0dHBz
0i8vd3d3Lm5ldGxvY2suaHUvZG9jcy8gb3IgYnkgZS1tYWlsIGF0IGluZm9AbmV0bG9jay5odS4w
FgYDVR01AQH/BAwwCgYIKwYBBQUHAwgwRgYDVR0fBD8wPTA7oDmgN4Y1aHR0cDovL2NybDEubmV0
bG9jay5odS9pbmRleC5jZ2k/bWlub3NpdGV0dCZjcmw9bXNoZWEwDQYJKoZIhvcNAQEFBQADggEB
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VHk0H5VoV9e1/r5KYk0wnhHwS/MDLXhcVKcDBbcI48tv8kTniYZ6PPg64PTdO0tA/b9whVO7ClDJ
djSRdcnd9sXQq6zr5sC3RohC9trZdXwWT4LbTkeALZz5hi2lOEDMqBO5LUHKGWCQnhw4hP0kBCrz
Nt0gpvq+i2HHmyBO7gbOfjj0zqf0iaSqBjDcutA=
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

2.6.30.1. NetLock Minositett Idobelyeg Szolgaltato 8

```
Provider: 6
Service: 30
History: 1/1
```

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: NetLock Minositett Idobelyeg Szolgaltato 8

Hungarian: NetLock Minositett Idobelyeg Szolgaltato 8

Service digital identity: *Subject key identifier:*

4C F7 DB 27 F2 D3 B1 39 11 5C 2C 7F EA 17 16 86 83 BD DF B0

Service digital identity: *Subject key identifier:*

4C F7 DB 27 F2 D3 B1 39 11 5C 2C 7F EA 17 16 86 83 BD DF B0

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2010-12-08T14:48:55.000Z   (08 Dec 2010 15:48:55 CET)

2.6.31. NetLock Minositett Idobelyeg Szolgaltato 9

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name:

English: NetLock Minositett Idobelyeg Szolgaltato 9

Hungarian: NetLock Minositett Idobelyeg Szolgaltato 9

Service digital identity:

Version:

3

Serial number:

124 502 132 567 560 681 525 646 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

EMAILADDRESS=info@netlock.hu,CN=NetLock Minositett Idobelyeg Szolgaltato 9,OU=Idobelyeg Szolgaltatok,O=NetLock Kft.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@netlock.hu,CN=NetLock Minositett Kozjegyzoi (Class QA) Tanusitvanykiado,OU=Tanusitvanykiadok,O=NetLock Halozatbiztonsagi Kft.,L=Budapest,C=HU

Subject key identifier:

not present

Authority key identifier:

not present

Valid from:

2011-08-09T12:31:52.000Z   (09 Aug 2011 14:31:52 CEST)

Valid to:

2022-10-30T12:31:52.000Z   (30 Oct 2022 13:31:52 CET)

Key usage:

nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

BF:71:96:3D:E1:32:F0:8F:52:8C:FF:C4:D2:2D:52:B5:B2:7C:6C:8A

SHA-256:

AD:DF:94:CF:A4:2F:B6:71:E4:6C:CA:48:68:42:AF:CE:E0:71:9B:FB:E6:8C:49:5C:53:60:4B:58:B7:77:A3:50

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100C6D91E04A604FB8912C152F2E2B6E0E99405841B8B94BC935B6C4ABC482B79E5925908D86101
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8C0D199161F651075E49FD63E2DA9E4B8A5658EFC99D7CD959AE181D842DCF06A9EA9E2491189918B45C030B6539BE
42E60B347EA0AB33C18D7936593ACF3F105DD6E232A022E74CC37309E88A5F12EFD3B2C781D87FD5DF4314B9346B8E
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Certificate policies:

not present

CRL distribution points:

http://crl1.netlock.hu/index.cgi?minositett&crl=mshea

PEM format:

-----BEGIN CERTIFICATE-----
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YSBodHRwczovL3d3dy5uZXRsb2NrLmh1L2RvY3MVIGNpbWVuIHhZhZ3kga2VyaGV0b2sgYXXogaW5m
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bmcgY2VydGlmaWNhdGUgb2YgdGhlIE5ldExvY2sgUXVhbGlmaWVkIFRpbWUgU3RhbXBpbmcgU2Vy
dmljZS4gVGhlIHVzZSBvZiB0aGlzIGNlcnRpZmljYXRlIGFuZCB0aWllIHN0YWlwcyBzaWdulZWQg
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YXQgaHR0cHM6Ly93d3cubmV0bG9jay5jay5odS9kb2NzLyBvciBieSBlLWlhaWwgYXQgaW5mb0BuZXRs
b2NrLmh1LjAWBgNVHSUBAf8EDDAKBggrBgEFBQcDCDBGBgNVHR8EPzA9MDugOaA3hjVodHRwOi8v
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AQUFAAOCAQEAG8dAsJmx5ktf0Phpiuxy0DaU/VTVvGfjIQkxbAbMRgkQPOW+ihfWCKA/iHWnpXmF
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2b+yZQY0Nm3F2jfMknJ5z5heaBxL2Ag8HEgVwt/bSFFWawrPFNiB0gpQC4MHRBY1PV+TaXBk8x2H
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-----END CERTIFICATE-----

Service digital identity:

Version:

3

Serial number:

5 847 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

EMAILADDRESS=info@netlock.hu,CN=NetLock Minositett Idobelyeg Szolgaltato
9,OU=Idobelyeg Szolgaltatok,O=NetLock Kft.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@netlock.hu,CN=NetLock Minositett Kozjegyzoi (Class
QA) Tanusitvanykiado,OU=Tanusitvanykiadok,O=NetLock Halozatbiztonsagi
Kft.,L=Budapest,C=HU

Subject key identifier:

not present

Authority key identifier:

not present

Valid from:

2010-12-08T14:47:55.000Z   (08 Dec 2010 15:47:55 CET)

Valid to:

2015-12-07T14:47:55.000Z   (07 Dec 2015 15:47:55 CET)

Key usage:

nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

B1:39:71:74:3A:45:48:F0:98:C4:E5:4B:2F:69:AD:5C:B3:96:21:87

SHA-256:

CE:7D:B2:4D:1C:32:EE:53:D0:50:2A:87:CF:FE:2E:78:45:E8:1F:20:21:86:6C:E5:82:21:CE:A4:50:96:62:72

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100C6D91E04A604FB8912C152F2E2B6E0E99405841B8B94BC935B6C4ABC482B79E5925908D86101
A142B3F412590A4A27664677CECFF30492BFC9BA28A303176640E9E72042C90003BF3D8EEC55C4967B05F690BB91B3
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Certificate policies:

not present

CRL distribution points:

http://crl1.netlock.hu/index.cgi?minositett&crl=mshea

PEM format:

-----BEGIN CERTIFICATE-----
MIIHOTCCBiGgAwIBAgICFtcwDQYJKoZIhvcNAQEFBQAwgckxCzAJBgNVBAYTAkhVMREwDwYDVQQH
EwhCdWRhcGVzdDEnMCUGA1UEChMeTmV0TG9jayBIYWxvemF0Yml6dG9uc2FnaSBLZnQuMRowGAYD
VQQLExFUYW51c2l0dmFueWtpYWRvazFCMEAGA1UEAxM5TmV0TG9jayBNaW5vc2l0ZXR0IEtvemVm
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U3pvbGddhbHRhdG8gOTEeMBwGCSqGSIb3DQEJARYPaW5mb0BuZXRsb2NrLmhlMIIBIjANBgkqhkiG
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AkLf6haDIbLJSKw26GG1DwAa8Y9pIYgHM4J2nw8NkUhKzb1zfoV8Fypv4YAEpqvozuqKB0AFiaZn
4kRBhpfagtao9sou4MIdk5r2x0C5JfKX8D/4f+4=
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

> *In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.*

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

2.6.31.1. NetLock Minositett Idobelyeg Szolgaltato 9

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: NetLock Minositett Idobelyeg Szolgaltato 9

Hungarian: NetLock Minositett Idobelyeg Szolgaltato 9

Service digital identity: *Subject key identifier:*

96 81 44 21 78 B6 C7 18 9E 7C D3 3B 21 52 4B E0 5C 46 6C CE

Service digital identity: *Subject key identifier:*

96 81 44 21 78 B6 C7 18 9E 7C D3 3B 21 52 4B E0 5C 46 6C CE

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2010-12-08T14:47:55.000Z   (08 Dec 2010 15:47:55 CET)

2.6.32. NetLock Minositett Idobelyeg Szolgaltato 10

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: NetLock Minositett Idobelyeg Szolgaltato 10

Hungarian: NetLock Minositett Idobelyeg Szolgaltato 10

Service digital identity:

Version:

3

Serial number:

124 519 746 859 916 091 625 516 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

EMAILADDRESS=info@netlock.hu,CN=NetLock Minositett Idobelyeg Szolgaltato 10,OU=Idobelyeg Szolgaltatok,O=NetLock Kft.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@netlock.hu,CN=NetLock Minositett Kozjegyzoi (Class QA) Tanusitvanykiado,OU=Tanusitvanykiadok,O=NetLock Halozatbiztonsagi Kft.,L=Budapest,C=HU

Subject key identifier:

not present

Authority key identifier:

not present

Valid from:

2011-08-09T12:32:41.000Z   (09 Aug 2011 14:32:41 CEST)

Valid to:

2022-10-30T12:32:41.000Z   (30 Oct 2022 13:32:41 CET)

Key usage:

nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

14:8C:30:98:AA:A9:AB:37:9D:54:D7:E3:90:32:1B:0F:A4:DD:11:01

SHA-256:

70:49:B7:C9:B1:BD:95:EB:4E:EC:B5:F1:AC:13:3C:44:05:04:3F:BA:40:C9:6E:16:A9:8A:53:6B:A4:55:ED:4F

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100CD559D6D49119FAEE6758768EFB662F98E0E7C9BFBA546CB2097FED6DB6692C283F379DD9D75
C0A9EE3AB2D29BBD89917B8B831FF9EB98611393D859E2D4A40FBD8F3BB2FF801EC3DE772DFA342E708AE39313CF92
3A7C734EDA60509C6DCE4EBE5BE86CD7409A6ACC6509DDC2DE5D9B338F5D578427D2C2B52A1FD0B81F65FB8626E5ED
A61A4375D15ECA5742F24A15B2756CEDA2469C88F81EB0022F9995B80CBDB3A6F365964AECCB4543A45C982F457007
F629D2E5187C014EA4F322CBEE5C38A9EB96C410727C09F844C62378CA51933F74B588AA713B979B3B33B6728CA3D8
99309B214BA7883B89724EAD8528F8A540E649CA057988AAF1A1E6E76AEB020300AA8F

Certificate policies:

not present

CRL distribution points:

http://crl1.netlock.hu/index.cgi?minositett&crl=mshea

PEM format:

-----BEGIN CERTIFICATE-----
MIIHQjCCBiqgAwIBAgIKGl46n/MzLNqQLDANBgkqhkiG9w0BAQUFADCByTELMAkGA1UEBhMCSFUx
ETAPBgNVBAcTCEJlZGFwZXN0MScwJQYDVQQKEx5OZXRMb2NrIEhhbG96YXRiaXp0b25zYWdpIEtm
dC4xGjAYBgNVBAsTEVRhbnVzaXR2YW55a2lhZG9rMRIwQAYDVQQDEzlOZXRMb2NrIElpbm9zaXRl
dHQgS296amVneXpvaSAoQ2xhc3MgUUEpIFRhbnVzaXR2YW55a2lhZG8xHjAcBgkqhkiG9w0BCQEW
D2luZm9AbmV0bG9jay5odTAeFw0xMTA4MDkxMjMyNDFaFw0yMjEwMzAxMjMyNDFaMIGuMQswCQYD
VQQGEwJIVTERMA8GA1UEBwwIQnVkYXBlc3QxFTATBgNVBAoMDE5ldExvY2sgS2Z0LjEfMB0GA1UE
CwwWSWRvYmVseWVnIFN6b2xnYWx0YXRvazE0MDIGA1UEAwwrTmV0TG9jayBNaW5vc2l0ZXR0IElk
b2JlbHllZyBTem9sZ2FsdGF0byAxMDEeMBwGCSqGSIb3DQEJARYPaW5mb0BuZXRsb2NrLmh1MIIB
IjANBgkqhkiG9w0BAQEFAAOCAQ8AMIIBCgKCAQEAzVWdbUkRn67mdYdo77Zi+Y4OfJv7pUbLIJf+
1ttmksKD83ndnXXAqe46stKbvYmRe4uDH/nrmGETk9hZ4tSkD72PO7L/gB7D3nct+jQucIrjkxPP
kjp8c07aYFCcbc5OvlvobNdAmmrMZQndwt5dmzOPXVeEJ9LCtSof0LgfZfuGJuXtphpDddFeyldC
8koVsnVs7aJGnIj4HrACL5mVuAy9s6bzZZZK7MtFQ6RcmC9FcAf2KdLlGHwBTqTzIsvuXDip65bE
EHJ8CfhExiN4ylGTP3S1iKpx05eb0zO2coyj2JkwmyFLp4g7iXJOrYUo+KVA5knKBXmIqvGh5udq
6wIDAKqPo4IDQzCCAz8wDAYDVR0TAQH/BAIwADAOBgNVHQ8BAf8EBAMCBkAwggK9BglghkgBhvhC
AQ0EggKuFoICqkZJRllFTEVNISBFemVuIHRhbnVzaXR2YW55IGEgTmV0TG9jayBLZnQuIE1pbm9z
aXRldHQgSWRvYmVseWVnemVzIFN6b2xnYWx0YXRvaSB0YW5lc2l0dmFueWEuIEEgbWlub3NpdGV0
dCBpZG9iZWx5ZWdoZXogYSB2b25hdGtvzem8gam9nc3phYmFseW9rYmFuIGllZ2hhdGGFyb3pvdHQg
am9naF0YXNvayBraXphcm9sYWcgYSBNaW5vc2l0ZXR0IFN6b2xnYWx0YXRhc2kgU3phYmFseXph
dGJhbiBlcyBBbHRhbGFub3MgU3plcnpvZGVzaSBGZWx0ZXRlbGGVrYmVuIGllZ2hhdGGFyb3pvdHQg
ZmVsdGV0ZWxlayBtZWxxZXR0IGZ1em9kbmVrLiBBIGRva3VtZW50dWlvayBtZWd0YWxhbGhhdG9r
IGEgaHR0cHM6Ly93d3cubmV0bG9jay5odS9kb2NzLyBjaW1lbiB2YWd5IGtlcmhldG9rIGF6IGlu
Zm9AbmV0bG9jay5odSBllW1haWwgY2ltZW4uIFdBUk5JTkchIFRoaXMgaXMgYSB0aW1lIHN0YW1w
aW5nIGNlcnRpZmljYXRlIG9mIHRoZSBOZXRMb2NrIFF1YWxpZmllZCBUaW1lIFN0YWlwaW5nIFNl
cnZpY2UuIFRoZSBlc2Ugb2YgdGhpcyBjZXJ0aWZpY2F0ZSBhbmQgdGltZSBzdGFtcHMgc21nbmVk
IGJ5IGl0IGFyZSBzdWJqZWN0IHRvIHRoZSBOZXRMb2NrIFF1YWxpZmllZCBDUFMgYXZhaWxhYmxl
IGF0IGh0dHBzOi8vd3d3Lm5ldGxvY2suaHUvZG9jcy8gb3IgYnkgZS1tYWlsIGF0IGluZm9AbmV0
bG9jay5odS4wFgYDVR0lAQH/BAwwCgYIKwYBBQUHAwgwRgYDVR0fBD8wPTA7oDmgN4Y1aHR0cDov
L2NybDEubmV0bG9jay5odS9pbmRleC5jZ2k/bWlub3NpdGV0dCZjcmw9bXNoZWEwDQYJKoZIhvcN
AQEFBQADggEBAA9LGB7e1bS/wBx//IdbD8OXsJFnNhGA56tGzSRDR6slYsgCKJMHCkSLhfJR7RUp
YctAZTZGA1VPs+/m/5e3gp8UjExH6YlA7fzk9tD4tgZWTcPoQ1JjQlx8AxYjrbFM84uBN04hrb3s
CRpNUm8AVPzNY2t6uZKNRbIpWxBzpLp0n8m14jlk7qR2V2EP255tdI6NV6FDKuS5x1EqjHdg7RFk
votmPjMOIsv2+v4tVJ52SzDzcKBAJq99axTcXx+ASczJdckUaADnvDFkdcG1uYcVGVZn+8ssYtpc
IOzA5VtMKLXQplIWwhtUJ7YM9bNCrStSzNny2r7rVridBRVZQIE=
-----END CERTIFICATE-----

Service digital identity:

Version:

3

Serial number:

117 355 511 299 428 771 387 427 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

EMAILADDRESS=info@netlock.hu,CN=NetLock Minositett Idobelyeg Szolgaltato 10,OU=Idobelyeg Szolgaltatok,O=NetLock Kft.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@netlock.hu,CN=NetLock Minositett Kozjegyzoi (Class QA) Tanusitvanykiado,OU=Tanusitvanykiadok,O=NetLock Halozatbiztonsagi Kft.,L=Budapest,C=HU

Subject key identifier:

not present

Authority key identifier:

not present

Valid from:

2011-05-04T15:50:54.000Z   (04 May 2011 17:50:54 CEST)

Valid to:

2016-05-02T15:50:54.000Z   (02 May 2016 17:50:54 CEST)

Key usage:

nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

7D:E6:7F:5C:45:03:45:46:5C:5C:0C:D7:C4:E7:44:7F:1B:40:91:6E

SHA-256:

16:47:6F:C4:C4:E4:00:13:E5:69:37:A7:33:BD:E6:79:DC:33:88:85:90:94:EA:C5:22:D2:50:95:FF:7C:F2:83

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100CD559D6D49119FAEE6758768EFB662F98E0E7C9BFBA546CB2097FED6DB6692C283F379DD9D75
C0A9EE3AB2D29BBD89917B8B831FF9EB98611393D859E2D4A40FBD8F3BB2FF801EC3DE772DFA342E708AE39313CF92
3A7C734EDA60509C6DCE4EBE5BE86CD7409A6ACC6509DDC2DE5D9B338F5D578427D2C2B52A1FD0B81F65FB8626E5ED
A61A4375D15ECA5742F24A15B2756CEDA2469C88F81EB0022F9995B80CBDB3A6F365964AECCB4543A45C982F457007
F629D2E5187C014EA4F322CBEE5C38A9EB96C410727C09F844C62378CA51933F74B588AA713B979B3B33B6728CA3D8
99309B214BA7883B89724EAD8528F8A540E649CA057988AAF1A1E6E76AEB020300AA8F

Certificate policies:

not present

CRL distribution points:

http://crl1.netlock.hu/index.cgi?minositett&crl=mshea

PEM format:

-----BEGIN CERTIFICATE-----
MIIHQjCCBiqgAwIBAgIKGNna4kau+JNYIzANBgkqhkiG9w0BAQUFADCByTELMAkGA1UEBhMCSFUx
ETAPBgNVBAcTCEJlZGFwZXN0MScwJQYDVQQKEx5OZXRMb2NrIEhhbG96YXRiaXp0b25zYWdpIEtm
dC4xGjAYBgNVBAsTEVRhbnVzaXR2YW55a2lhZG9rMUIwQAYDVQQDEzlOZXRMb2NrIElpbm9zaXRl
dHQgS296amVneXpvaSAoQ2xhc3MgUUEpIFRhbnVzaXR2YW55a2lhZG8xHjAcBgkqhkiG9w0BCQEW
D2luZm9AbmV0bG9jay5odTAeFw0xMTA1MDQxNTUwNTRaFw0xNjA1MDIxNTUwNTRaMIGuMQswCQYD
VQQGEwJIVTERMA8GA1UEBwwIQnVkYXBlc3QxFTATBgNVBAoMDE5ldExvY2sgS2Z0LjEfMB0GA1UE
CwwWSWRvYmVseWVnZFNpZmdGF0byAxMDEeMBwGCSqGSIb3DQEJARYPaW5mb0BuZXRsb2NrLmh1MIIB
IjANBgkqhkiG9w0BAQEFAAOCAQ8AMIIBCgKCAQEAzVWdbUkRn67mdYdo77Zi+Y4OfJv7pUbLIJf+
1ttmksKD83ndnXXAqe46stKbvYmRe4uDH/nrmGETk9hZ4tSkD72PO7L/gB7D3nct+jQucIrjkxPP
kjp8c07aYFCcbc5OvlvobNdAmmrMZQndwt5dmzOPXVeEJ9LCtSof0LgfZfuGJuXtphpDddFeyldC
8koVsnVs7aJGnIj4HrACL5mVuAy9s6bzZZZK7MtFQ6RcmC9FcAf2KdLlGHwBTqTzIsvuXDip65bE
EHJ8CfhExiN4ylGTP3S1iKpxO5ebOzO2coyj2JkwmyFLp4g7iXJOrYUo+KVA5knKBXmIqvGh5udq
6wIDAKqPo4IDQzCCAz8wDAYDVR0TAQH/BAIwADAOBgNVHQ8BAf8EBAMCBkAwggK9BglghkgBhvhC
AQ0EggKuFoICqkZJRllFTEVNISBFemVuIHRhbnVzaXR2YW55SIGEgTmV0TG9jayBLZnQuIE1pbm9z
aXRldHQgSWRvYmVseVWnemVzIFN6b2xnWx0YXRvazE0MDIGA1UEAwwrTmV0TG9jayBWlub3NpdGV0
dCBpZG9iZWx5ZWd6ZXogYSB2b25hdGtvemö8gam9nc3phYmFseW9rYmFuIGllZ2hhdGGFyb3pvdHHQg
am9naGF0YXNnvayBraXphchm9sYWcgYSBNaW5vc2l0ZXR0IFN6b2xnYWx0YXRhc2kgU3ph?bm9FseXph
dGJhbiBlcyBBhHRhbGGFub3MgU3plcnpvZGVzaSBGZWx0bGVrYmVuIGllZlZ2hhdGGFyb3pvdHHQg
ZmVsdGV0ZWlayBtZWxxZXROIGZlem9kbmVrLiBBIGRva3V2bZW50dW1vayBtZWd0YWxhbGhhdG9Gr
IGEgaHR0cHM6Ly93d3cubmV0bG9jay5odS9kb2NlLyBjaW1lbiBmYWd5IGtlcmhldG9rIGF6IGlu
Zm9AbmV0bG9jay5odSBlbW1haWwgY2ltZW4uIFFdBUk5JTkchIFRoaXMgaXMgYZHhoaWllHN0YWlw
aW5nIGNlcnRpZmljYXRlIG9mIHRoZSBOZXRMb2NrIFF1YWxpZmllZCBUaWllFN0YW1waW5nIFNl
cnZpY2UuIFRoZSB1c2Ugb2YgdGhpcyBjZXJ0aWZpY2F0ZSBhbmQgGltZSBzdGFtcHMgc2lnbmVk
IGJ5IGl0IGFyZSBzdWJqZWN0IHRvIHRoZSBOZXRMb2NrIFF1YWxpZmllZCBUaWllFN0YXhaWxhYmxl
IGF0IGh0dHBzOi8vd3d3Lm5ldGxvY2suaHUvZG9jy8gb3IgYnkgZS1tYWlsIGF0IGluZm9AbmV0
bG9jay5odS4wFgYDVR0lAQH/BAwwCgYIKwYBBQUHAwgwRgYDVR0fBD8wPTA7oDmgN4Y1aHR0cDov
L2NybDEubmV0bG9jay5odS9pbmRleC5jZ2k/bWlub3NpdGV0dCZjcmw9bXNoZWEwDQYJKoZIhvcN
AQEFBQADggEBAGUUzzv0qMJmTKp2FM8FMlhnCmShZ50/99FefXoP+J+RypX2ikLxz4a6Mht3nrB5
7Pwazknsjkeglvi6/JrjlUx3qct+QexyAEI+NInaSwvWNR8NZ2yfajg8nZA7ouKO41N70rWkFVrM
Fz7rqYt0AnBfnPq7fldnN9BW47U00wQcnu5HhR+pYMxLMT12KPmdlG9XHz0xvrUggl+d5KeM0gZn
KtoLWyjjP4pTW2gypU+LSpJu0V0L2M37TU7Is04pjxYWyrxYgltCe5kjHDOlwZVh/mKophexSrkN
z4siZdHwepDoisoWoYaEZJoc1fsvkPPuR+tPn0BK/qoegYMtOj8=
-----END CERTIFICATE-----

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

> *In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.*

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

2.6.32.1. NetLock Minositett Idobelyeg Szolgaltato 10

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: NetLock Minositett Idobelyeg Szolgaltato 10

Hungarian: NetLock Minositett Idobelyeg Szolgaltato 10

Service digital identity: *Subject key identifier:*

8F C1 64 DD DB BC 27 A5 08 E4 69 30 CC 2E 02 B7 01 C7 ED 09

Service digital identity: *Subject key identifier:*

8F C1 64 DD DB BC 27 A5 08 E4 69 30 CC 2E 02 B7 01 C7 ED 09

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2011-05-04T15:50:54.000Z   (04 May 2011 17:50:54 CEST)

2.6.33. NetLock Minositett Idobelyeg Szolgaltato 3

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: NetLock Minositett Idobelyeg Szolgaltato 3

Hungarian: NetLock Minositett Idobelyeg Szolgaltato 3

Service digital identity:

Version:

3

Serial number:

124 600 811 041 159 522 158 470 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

EMAILADDRESS=info@netlock.hu,CN=NetLock Minositett Idobelyeg Szolgaltato 3,OU=Idobelyeg Szolgaltatok,O=NetLock Kft.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@netlock.hu,CN=NetLock Minositett Kozjegyzoi (Class QA) Tanusitvanykiado,OU=Tanusitvanykiadok,O=NetLock Halozatbiztonsagi Kft.,L=Budapest,C=HU

Subject key identifier:

not present

Authority key identifier:

not present

Valid from:

2011-08-09T15:00:53.000Z   (09 Aug 2011 17:00:53 CEST)

Valid to:

2022-10-30T15:00:53.000Z   (30 Oct 2022 16:00:53 CET)

Key usage:

nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

68:33:C1:FC:1A:EC:B0:2E:33:4D:BE:23:49:7E:48:53:9D:32:89:89

SHA-256:

BD:FB:05:ED:ED:C4:FA:A9:A7:7C:B8:C2:98:E9:81:64:79:54:3B:24:94:6F:FF:1C:34:51:06:E1:84:FB:0E:47

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100ED15F84F52FEE244BABD3D82E8847692C77312B2C9584F311C300BA665F576E369C251A57F90
011D1E138EBFFB6D6ADA80DAA3A23F85FF5634721FAD4AB850324CED0F039CA4931D3207A52E0E330DBAE6B38E4D23
4D085ADFB152D71F8DBE71BBFF5E7499B997EE859173F85ABD9CA39AE649C9FCF1260CB4241CE6AE4017B6A4F0F9D5
5983D1CB46A409E579AD84FA4701A623348E43FD9DA6DA7ADC9EBEFD5CBA32B8FBCC68EAF06EF4043DA2BA47A1EDA0
84536A9EA9157294D191AFDAFCB8DBE63EFFD4B6DBEE96FA5CDFFD98C2988D304BC16C65A2569E9CF31C7C67296E3E
847FAC77C30E258C3D35640729897264D5277ED06B781DA00180F6F22671020300CCE7

Certificate policies:

not present

CRL distribution points:

http://crl1.netlock.hu/index.cgi?minositett&crl=mshea

PEM format:

-----BEGIN CERTIFICATE-----
MIIHQTCCBimgAwIBAgIKGmKfncaLW2oHhjANBgkqhkiG9w0BAQUFADCByTELMAkGA1UEBhMCSFUx
ETAPBgNVBAcTCEJ1ZGFwZXN0MScwJQYDVQQKEx5OZXRMb2NrIEhhbG96YXRiaXp0b25zYWdpIEtm
dC4xGjAYBgNVBAsTEVRhbnVzaXR2YW55a2lhZG9rMRowGAYDVQQDExlOZXRMb2NrIElpbm9zaXRl
dHQgS296amVneXpvaSAoQ2xhc3MgUUEpIFRhbnVzaXR2YW55a2lhZG8xHjAcBgkqhkiG9w0BCQEW
D2luZm9AbmV0bG9jay5odTAeFw0xMTA4MDkxNTAwNTNaFw0yMjEwMzAxNTAwNTNaMIGtMQswCQYD
VQQGEwJIVVTERMA8GA1UEBwwIQnVkYXBlc3QxFTATBgNVBAoMDE5ldExvY2sgS2Z0LjEfMB0GA1UE
CwwWSWRvYmVseWVnIFN6b2xnYWx0YXRvazEzMDEGA1UEAwwqTmV0TG9jjayBNaW5vc2l0ZXR0IElk
b2JlbHllZyBTem9sZ2FsdGF0byByAzMR4wHAYJKoZIhvcNAQkBFg9pbmZvQG5ldGxvY2suaHUwggEi
MA0GCSqGSIb3DQEBAQUAA4IBDwAwggEKAoIBAQDtfHhPUv7iRLq9PYLohHaSx3MSsslYTzEcMAum
ZfV242nCUaV/kAEdHhOOv/ttatqA2qOiP4X/VjRyH6lKuFAyTO0PA5ykkx0yB6UuDjMNuuazjk0j
TQha37FS1x+NvnG7/150mbmX7oWRc/havZyjmuZJyfzxJgy0JBzmrkAXtqTw+dVZg9HLRqQJ5Xmt
hPpHAaYjNI5D/Z2m2nrcnr79XLoyuPvMaOrwbvQEPaK6R6HtoIRTap6pFXKU0ZGv2vy42+Y+/9S2
2+6W+lzf/ZjCmI0wS8FsZaJWnpzzHHxnKW4+hH+sd8MOJYw9NWQHKYlyZNUnftBreB2gAYD28iZx
AgMAzOejggNDMIIDPzAMBgNVHRMBAf8EAjAAMA4GA1UdDwEB/wQEAwIGQDCCAr0GCWCGSAGG+EIB
DQSCAq4WggKqRklHWUVMRU0hIEV6ZW4gdGFudXNpdHZhbnkgYSBOZXRMb2NrIEtmdC4gTWlub3Np
dGV0dCBJZG9iZWx5Zwd6ZXMgU3pvbGdhbHRhdG9pIHRhbnVzaXR2YW55YS4gQSBtaW5vc2l0ZXR0
IGlkb2JlbHllZ2hleiBhIHZvbmF0a296byBpBqb2dzemmFiYWx5b2tiYW4gbWVnaGF0YXJvem90dCBq
b2doYXRhc29rIGtptemFyb2xhZyBhIE1pbm9zaXRldHQgU3pvbGdhbHRhdGFzaSBTemFiYWx5emF0
YmFuIGVzIEFsdGFsYW5vcyBTemVyem9kZXNpIEZlbHRldGVsZWtiZW4gbWVnaGF0YXJvem90dCBm
ZWx0ZXRlbGVrIGl1bGxldHHQgZnV6b2RuZWsuIEEgZG9rdW1lbnR1bW9rIGl1Z3RhbGFsaGF0b2sg
YSBodHRwczovL3d3dy5uZXRsb2NrLmh1L2RvY 3MvIGNpbWVuIHZhZ3kga2VyaGV0b2sgYXoga5Wm
b0BuZXRsb2NrLmh1IGU1bWlFpbCBjaW1lbi4gV0FSTklORyEgVGhpcyBpcyBhIHRpbWUgc3RhbXBp
bmcgY2VydGlmaWNhdGUgb2YgdGhlIE5ldExvY2sgUXVhbGlmaWVkIFRpbWUgU3RhbXBpbmcgU2Vy
dmljZS4gVGhlIHVzZSBvZiB0aGlzIGNlcnRpZmljYXRlIGFuZCB0aWllIHN0YW1wcyBzaWduZWQg
YnkgaXQgYXJlIHN1YmplY3QgdG8gdGhlIE5ldExvY2sgUXVhbGlmaWVkIENQUyBhdmFpbGFibGUg
YXQgaHR0cHM6Ly93d3cubmV0bG9jay5odS9kb2NzLyBvciBieSBlLW1haWwgYXQgaW5mb0BuZXRs
b2NrLmh1LjAWBgNVHSUBAf8EDDAKBggrBgEFBQcDCDBGBgNVHR8EPzA9MDug0aA3hjVodHRwOi8v
Y3JsMS5uZXRsb2NrLmh1L2luZGV4LmNnaT9taW5vc2l0ZXR0JmNybDl1c2hlYTANBgkqhkiG9w0B
AQUFAAOCAQEAnifKJaWznOOgtsWZiOIcYo3gPC2/Pn5Zc17Z761+cRx8e4xVSok/0nvgj58QJM7l
xZrb4R+kiwMDeqDWI4FtzQ4bpgjR+aalMUOLmhVaN8dumoQ5X6pBa1AdjquI3no8hIxkwDq5fdRx
kC2sfuDcBlLHsghdbD+uxwzX5lzCPqTXs0Rum59HKCUDRRiMswfsJUtTDFABHQP7AvQKpNbh065Z
rNvGq+kihd5BzcA3MAS3REV0IARHEwkRRa4bGF7HxVTBrTbIBpj0RohSyVVj7qh6lRBpHnTuiIxP
bl2fn4S+gdE4aQCgHmTJdZ7+/C+O7it2e3WxkZNrhCWrXjVeRA==
-----END CERTIFICATE-----

Service digital identity:

Version:

3

Serial number:

1 024 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

EMAILADDRESS=info@netlock.hu,CN=NetLock Minositett Idobelyeg Szolgaltato
3,OU=Idobelyeg Szolgaltatok,O=NetLock Kft.,L=Budapest,C=HU

Issuer:

EMAILADDRESS=info@netlock.hu,CN=NetLock Minositett Kozjegyzoi (Class
QA) Tanusitvanykiado,OU=Tanusitvanykiadok,O=NetLock Halozatbiztonsagi
Kft.,L=Budapest,C=HU

Subject key identifier:

not present

Authority key identifier:

not present

Valid from:

2007-05-31T16:48:14.000Z   (31 May 2007 18:48:14 CEST)

Valid to:

2012-05-29T16:48:14.000Z   (29 May 2012 18:48:14 CEST)

Key usage:

nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

<u>SHA-1:</u>

D6:B1:7D:7F:B4:5E:7F:0B:CB:DB:26:AE:17:5F:AD:26:A7:A4:13:EC

<u>SHA-256:</u>

C5:EB:0A:81:B7:40:72:49:C0:38:92:7D:77:D3:67:A9:EC:78:A1:E8:F1:02:05:A4:42:6D:E6:AF:50:5E:23:BA

Public key:

<u>Algorithm, key length:</u>

RSA, 2048

<u>Key value:</u>

3082010A0282010100ED15F84F52FEE244BABD3D82E8847692C77312B2C9584F311C300BA665F576E369C251A57F90
011D1E138EBFFB6D6ADA80DAA3A23F85FF5634721FAD4AB850324CED0F039CA4931D3207A52E0E330DBAE6B38E4D23
4D085ADFB152D71F8DBE71BBFF5E7499B997EE859173F85ABD9CA39AE649C9FCF1260CB4241CE6AE4017B6A4F0F9D5
5983D1CB46A409E579AD84FA4701A623348E43FD9DA6DA7ADC9EBEFD5CBA32B8FBCC68EAF06EF4043DA2BA47A1EDA0
84536A9EA9157294D191AFDAFCB8DBE63EFFD4B6DBEE96FA5CDFFD98C2988D304BC16C65A2569E9CF31C7C67296E3E
847FAC77C30E258C3D35640729897264D5277ED06B781DA00180F6F22671020300CCE7

Certificate policies:

not present

CRL distribution points:

http://crl1.netlock.net/index.cgi?minositett&raw&crl=mshea

PEM format:

-----BEGIN CERTIFICATE-----
MIIHPjCCBiagAwIBAgICBAAwDQYJKoZIhvcNAQEFBQAwgckxCzAJBgNVBAYTAkhVMREwDwYDVQQH
EwhCdWRhcGVzdDEnMCUGA1UEChMeTmV0TG9jayBIYWxvemF0Ym16dG9uc2FnaSBLZnQuMRowGAYD
VQQLExFUYW51c2l0dmFueWtpYWRvazFCMEAGA1UEAxM5TmV0TG9j-yBNaW5vc2l0ZXR0IEtvempl
Z3l6b2kgKENsYXNzIFFBKSBUYW51c2l0dmFueWtpYWRvM4wHAYJKoZIhvcNAQBFg9pbmZvQG5l
dGxvY2suaHUwHhcNMDcwNTMxMTY00DE0WhcNMTIwNTI5MTY00DE0WjCBrTELMAkGA1UEBhMCSFUx
ETAPBgNVBAcMCEJlZGFwZXN0MRUwEwYDVQQKDAxOZXRMb2NrIEtmdC4xHzAdBgNVBAsMFklkb2Jl
bHlZyBTem9sZ2FsdGF0b2sxMzAxBgNVBAMMKk5ldExvY2sgTWlub3NpdGV0dCBJZG9iZWx5ZWcg
U3pvbGddhbHRhdG8gMzEeMBwGCSqGSIb3DQEJARYPaW5mb0BuZXRsb2NrLmh1MIIBIjANBgkqhkiG
9w0BAQEFAAOCAQ8AMIIBCgKCAQEA7RX4T1L+4kS6vT2C6IR2ksdzErLJWE8xHDALpmX1duNpw1Gl
f5ABHR4Tjr/7bWragNqjoj+F/1Y0ch+tSrhQMkztDwOcpJMdMgelLg4zDbrms45NI00IWt+xUtcf
jb5xu/9edJm5l+6FkXP4Wr2co5rmScn88SYMtCQc5q5AF7ak8PnVWYPRy0akCeV5rYT6RwGmIzSO
Q/2dptp63J6+/Vy6Mrj7zGjq8G70BD2iukeh7aCEU2qeqRVylNGRr9r8uNvmPv/Uttvulvpc3/2Y
wpiNMEvBbGWiVp6c8xx8ZyluPoR/rHfDDiWMPTVkBymJcmTVJ37Qa3gdoAGA9vImcQIDAMzno4ID
SDCCA0QwDAYDVR0TAQH/BAIwADAOBgNVHQ8BAf8EBAMCBkAwggK9BglghkgBhvhCAQ0EggKuFoIC
qkZJR1lFTEVNISBFemVuIHRhbnVzaXR2YW55IGEgTmV0TG9jayBLZnQuIElpbm9zaXdldHRdHQgSWRv
YmVseWVnemVzIFN6b2xnYWx0YXRvYXRhaXSB0YW51c2l0dmFueWEuIEEgbWlub3NpdGV0dCBpZG9biZWx5
ZWdoZXogYSB2b25hdGGvem8gam9nc3phYmYmseW9rYmFuIGllZ2hhdGGFyb3pvdHHtQgam9naGF0GYXNv
ayBraXphcm9sYWcgYSBNaW5vc2l0ZXR0IEZb6xnYWx0YXRhc2kgU3phYmFseXphdGHhin1lbClyBlcyBB
bHRhbGFub3MgU3plcnpvdGGvzaSBGZWx0ZXRlbGVrYmVuIGlLZ2hhdGGFyb3pvdHHQgZmVsdGV0ZWxl
ayBtZWxszXROIGZ1em9kbmVrLiBBIGRva3VtdW50dumW1vayBtZWQ0YWxhhGhGdG9r9rIGEgaHR0cHM6
Ly93d3cubmV0bG9jay5odS9pbmRleC5jZW1wLnBqaWllbiB2Ywd5IGt1cmlhldDG9rIFN6I6GluzZm9AbmV0bG9j
ay5odSBlLW1haWwgY2ltZW4uIFdBUk5JTkchIFRoaXMgaXMgSB0aW1lIHN0YW1waW5nIGNlcnRp
ZmljYXRlIG9mIHRoZSBOZXRMb2NrIFF1YWxpZmllZCBUaWllfIFN0YW1waW5nIFNlcnZpY2UuIFRo
ZSB1c2Ugb2YgdGhpcyBjZXJ0aWZpY2F0ZSBhbmQgdGltZSBzdGFtcHMgc2lnbmVkIGJ5IGl0IGIGy
ZSBzdWJqZWN0IHRvIHRORoZSBOZXRMb2NyIFF1YWxpZmllZCBUFMgYXZhaWxhYmxlIGF0IGh0dHBz
Oi8vd3d3Lm5ldGxvY2suaHUvZG9jcy9qb3IgYnkgZS1tYWlsIGF0IGluZm9AbmV0bG9jay5odS4w
FgYDVR0lAQH/BAwwCgYIKwYBBQUHAwgwSwYDVR0fBEQwQjBAoD6gPIY6aHR0cDovL2NybDEubmV0
bG9jay5uZXQvaW5kZXguY2dpP21pbm9zaXRldHQmcmF3JmNybD1tc2hlYTANBgkqhkiG9w0BAQUF
AAOCAQEAn7YdTaCPJxEKQZq52bESQZTEEt2Geq3ZXgRgoBuJYvBJzY6RyIU7lDpWMqz8MYDWaYAJ
RnWQQUNuY1+9Tt3h+WD40rtpAwFgz079aKF9pO71zrVRVf0bv2kEbN0rJPNiD5KkeDu6vJFU1VSZ
ayPTSXS/UNeHFGSvOupj+F0GotztWP0RomAWDT83YATWXNE8fAdVsLImP1EfSwLw+Qx+LXg1W3/8
sGnJ4zWfTJXT2CGmcOu2r1QP08ebtXRUZYVHPqaE7B/QjaQylXigoCsrB6U+xVTEeHWXXatwQnlR
xFXsDvoNo35lTVMz3BRHNeTLJ5Ym/IOAZINQp/YCwyq1EQ==
-----END CERTIFICATE-----

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

2.6.33.1. NetLock Minositett Idobelyeg Szolgaltato 3

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: NetLock Minositett Idobelyeg Szolgaltato 3

Hungarian: NetLock Minositett Idobelyeg Szolgaltato 3

Service digital identity: *Subject key identifier:*

B9 3B 9B D5 CB 62 70 2A 97 02 62 3D 9C B5 ED 0A 4B 52 14 DE

Service digital identity: *Subject key identifier:*

B9 3B 9B D5 CB 62 70 2A 97 02 62 3D 9C B5 ED 0A 4B 52 14 DE

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2007-05-31T16:48:14.000Z   (31 May 2007 18:48:14 CEST)

2.6.34. NetLock Minősített Időbélyeg Szolgáltató G4

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: NetLock Minősített Időbélyeg Szolgáltató G4

Hungarian: NetLock Minősített Időbélyeg Szolgáltató G4

Service digital identity:

Subject key identifier:

EA A3 5D 08 8F F5 35 3A E9 2F 60 60 97 EF 63 72 3A CD E9 F0

Service digital identity:

Version:

3

Serial number:

1 509 990 661 103 234 608 161 112 225 728 806 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@netlock.hu,CN=NetLock Minősített Időbélyeg Szolgáltató G4,OU=Időbélyeg Szolgáltatók,O=NetLock Kft.,L=Budapest,C=HU

Issuer:

CN=NetLock Minősített Eat. (Class Q Legal) Tanúsítványkiadó,OU=Tanúsítványkiadók (Certification Services),O=NetLock Kft.,L=Budapest,C=HU

Subject key identifier:

EA A3 5D 08 8F F5 35 3A E9 2F 60 60 97 EF 63 72 3A CD E9 F0

Authority key identifier:

64 AF 81 8A 5C 30 B8 57 65 DA 5D A5 3D 58 6E 47 62 42 34 AB

Valid from:

2011-08-10T14:57:50.000Z   (10 Aug 2011 16:57:50 CEST)

Valid to:

2024-08-11T14:57:50.000Z   (11 Aug 2024 16:57:50 CEST)

Key usage:

nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

04:E2:DA:21:0B:77:17:FC:C6:44:23:69:35:2F:C3:2E:61:0C:4F:0D

SHA-256:

E9:58:6B:92:FD:A0:CE:52:AA:EF:2F:34:EA:AC:8D:75:54:99:D2:EB:31:F2:3C:93:D6:F0:E4:76:DD:CF:A7:26

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100BBCC4E9AE1868B0CBC101DF3F2992A8DE7A01F3B17D7B42B035025C15E85EF5E9DF44DA478AE
0BC4EE143F105F42980554F1321D80B5BC81040FE47EA4EFF6E991DB2755BA867E88E767D7E3C6689823828B34BA9C
11BBEDACDCD19C2AE99236FE8CC88E62258771E245C20801554BDC5C329CDEC1931454E1AF0FB17A006B8171213B1D
50D5B6B80D6E81A98BAA6D9BF117A9A6D2309D9728228FE72A7A808FBD8BD2BB5A515045FF356AC6BFA6844FCAF01F
4691826E39E3B2B099C2E33DB0BECD81C2A104FF1670A30A0229EEBE370FA1ACD7E38196BBCCE75577FBD30420C0E2
E89FC2F6D1C73D81DC7460373F1B9F08359B9694B07BFB24DBB6C54B5CA1020300E867

Certificate policies:

not present

CRL distribution points:

http://crl1.netlock.hu/index.cgi?crl=cqlca

http://crl2.netlock.hu/index.cgi?crl=cqlca

http://crl3.netlock.hu/index.cgi?crl=cqlca

PEM format:

-----BEGIN CERTIFICATE-----
MIIGYzCCBUugAwIBAgIOSnLC+AAvgIH9B+0zySYwDQYJKoZIhvcNAQELBQAwgbkxCzAJBgNVBAYT
AkhVMREwDwYDVQQHDAhCdWRhcGVzdDEVMBMGA1UECgwMTmV0TG9jayBLZnQuMTcwNQYDVQQLDC5U
YW7DunPDrXR2w6FueWtpYWTDs2sgKENlcnRpRpZmljYXRpb24gU2Vydm1jZXMpMUcwRQYDVQQDDD5O
ZXRMb2NrIE1pbsWRc8OtdGV0dCBFYXQuIChDbGFzcyBRIExlZ2FsKSBUYW7DunPDrXR2w6FueWtp
YWTDszAeFw0xMTA4MTAxNDU3NTBaFw0yNDA4MTExNDU3NTBaMIG4MQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFTATBgNVBAoMDE5ldExvY2sgS2Z0LjEjMCEGA1UECwwaSWTFkWLDqWx5
ZWcgU3pvbGfDoWx0YXTDs2sx0jA4BgNVBAMMMU5ldExvY2sgTWLuxZFzw610ZXR0IElkxZFiw6ls
eWVnIFN6b2xnYWx0YXTDs2sx0jA4BgNVBAMMMU5ldExvY2sgTWLuxZFzw610ZXR0IElkxZFiw6ls
eWVnIFN6b2xnw6FsdGF0w7MgRzQxHjAcBgkqhkiG9w0BCQEWD2luZm9AbmV0bG9jay5odTCCASIw
DQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBALvMTprhhosMvBAd8/KZKo3noB87F9e0KwNQJcFe
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u+2s3NGcKumSNv6MyI5iJYdx4kXCCAFVS9xcMpzewZMUVOGvD7F6AGuBcSE7HVDVtrgNboGpi6pt
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cKMKAinuvjcPoazX44GWu8znVXf70wQgwOLon8L20cc9gdx0YDc/G58INZuWlLB7+yTbtsVLXKEC
AwDoZ60CAmYwggJiMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgZAMBYGA1UdJQEB/wQMMAoG
CCsGAQUFBwMIMB0GA1UdDgQWBBTqol0Ij/U1OukvYGCX72Ny0s3p8DAfBgNVHSMEGDAWgBRkr4GK
XDC4V2XaXaU9WG5HYkI0qzCBoQYDVR0fBIGZMIGWMDCgLqAshipodHRwOi8vY3JsM5uZXRsb2Nr
Lmh1L2luZGV4LmNnaT9jcmw9Y3FsY2EwMKAuoCyGKmh0dHA6Ly9jcmwyLm5ldGxvY2suaHUvaW5k
ZXguY2dpP2NybD1jcWxjYTAwoC6gLIYqaHR0cDovL2NybDMubmV0bG9jay5odS9pbmRleC5jZ2k/
Y3JsPWNxbGGNhMIIBRAYIKwYBBQUHAQEEggE2MIIBMjAtBggrBgEFBQcwAYYhaHR0cDovL29jc3Ax
Lm5ldGxvY2suaHUvY3FsY2EuY2dpMC0GCCsGAQUFBzABhiFodHRwOi8vb2NzcDIubmV0bG9jay5o
dS9jWxjYS55jZ2kwLQYIKwYBBQUHMAGGIWh0dHA6Ly9vY3NwMy5uZXRsb2NrLmh1L2NxbGNhLmNn
aTA1BggrBgEFBQcwAoYpaHR0cDovL2FpYTEubmV0bG9jay5odS9pbmRleC5jZ2k/Y2E9Y3FsY2Ew
NQYIKwYBBQUHMAKGKWh0dHA6Ly9haWEyLm5ldGxvY2suaHUvaW5kZXguY2dpP2NhPWNxbGNhMDUG
CCsGAQUFBzAChilodHRwOi8vYWlhMy5uZXRsb2NrLmh1L2luZGV4LmNnaT9jYT1jcWxjYTANBgkq
hkiG9w0BAQsFAAOCAQEAc8YCA4+HvM1aL40SnZYvVwBPuLzmkVcEEvyj3dyZeYJcxycapSloyXx6
IrbVOR7roxQ3S9q3gk2RqodosBCwTj1WuMIwu96tY0Gji0vhUzEBwa9n/Nel6ANdmv1vpDlcHaeN
uzzhFWhyuduWH/GotkLl1K3NwK4WD7KLJVirdBmYfSBBo2qtucUf1/p7H3PEfrXPNvpFCxrOPHBf
ieglwwxylg0UJTyi9Zmxx30+jmgEDzK9pnxv6JQ6PMqhRtL6rWqTbWGcDw8QwmLqhvpp5sQYcOsF
0S09hKn9YlFtGQP6t93/UtUfzQ53Mwj0cXAU6hCnB8kZkrqwSKY0lkr2LQ==
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

2.6.34.1. NetLock Minősített Időbélyeg Szolgáltató G4

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name:

English: NetLock Minősített Időbélyeg Szolgáltató G4

Hungarian: NetLock Minősített Időbélyeg Szolgáltató G4

Service digital identity: *Subject key identifier:*

EA A3 5D 08 8F F5 35 3A E9 2F 60 60 97 EF 63 72 3A CD E9 F0

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2011-08-10T14:57:50.000Z   (10 Aug 2011 16:57:50 CEST)

2.6.35. NetLock Minősített Időbélyeg Szolgáltató G5

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name:

English: NetLock Minősített Időbélyeg Szolgáltató G5

Hungarian: NetLock Minősített Időbélyeg Szolgáltató G5

Service digital identity: *Subject key identifier:*

2B 25 88 B4 5E F2 2C 4F 3A 78 D7 80 0B FD 87 2A AE 0D 69 AB

Service digital identity: *Version:*

3

Serial number:

1 509 990 661 103 252 262 434 725 325 001 450 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@netlock.hu,CN=NetLock Minősített Időbélyeg Szolgáltató G5,OU=Időbélyeg Szolgáltatók,O=NetLock Kft.,L=Budapest,C=HU

Issuer:

CN=NetLock Minősített Eat. (Class Q Legal) Tanúsítványkiadó,OU=Tanúsítványkiadók (Certification Services),O=NetLock Kft.,L=Budapest,C=HU

Subject key identifier:

2B 25 88 B4 5E F2 2C 4F 3A 78 D7 80 0B FD 87 2A AE 0D 69 AB

Authority key identifier:

64 AF 81 8A 5C 30 B8 57 65 DA 5D A5 3D 58 6E 47 62 42 34 AB

Valid from:

2011-08-17T09:39:22.000Z   (17 Aug 2011 11:39:22 CEST)

Valid to:

2024-06-29T09:39:22.000Z   (29 Jun 2024 11:39:22 CEST)

Key usage:

nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

B5:70:F5:0B:18:20:96:C4:3D:A9:01:D3:71:D6:02:4B:C7:20:8E:D8

SHA-256:

F3:1E:BE:9A:EF:FE:C6:38:D1:C5:57:A0:00:DB:21:90:9D:DD:4E:5B:E6:DC:F5:24:90:A3:DE:1C:2C:27:1D:2C

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100CA55AB9A7977333C971CEEB0A746FBC276E362E2F35678996E18D284DE5B28DF1F0063F7570F
9B8E85A4E03117F482578E9263718149224185E56648AC0E3A250FE9BC84271E691D9AC31D02DCBFEEA31462479764
050389C68ADC4B90F4E6206CB6036730CEF3822DA6B2AAA683F1B903E0EC62F39F2D807C696753D90A27A5B9B3EF19
2DBE7EFACF222F37B16C35C38C3B1906F335D5E884CC2CE4537C785A3EA9EDF39E93A37376F85EC5DD06B3FC3D0540
40A2F464715980FCC1F2E5600B22554D879B8B2175EA18F9443BB4DA9B1DAE9A4EAAB165EC7152B325DA04D2B89BB0
510EB5047B5E5A74B281D2C145525FA21E5C1CED0A72DEA2FA9702877631020300EE29

Certificate policies:

not present

CRL distribution points:

http://crl1.netlock.hu/index.cgi?crl=cqlca

http://crl2.netlock.hu/index.cgi?crl=cqlca

http://crl3.netlock.hu/index.cgi?crl=cqlca

PEM format:

```
-----BEGIN CERTIFICATE-----
MIIGYzCCBUugAwIBAgIOSnLC+AAwdYKRWIGJUuowDQYJKoZIhvcNAQELBQAwgbkxCzAJBgNVBAYT
AkhVMREwDwYDVQQHDAhCdWRhcGVzdDEVMBMGA1UECgwMTmV0TG9jay BLZnQuMTcwNQYDVQQLDC5U
YW7DunPDrXR2w6FueWtpYWTDs2sgKENlcnRpRpZmljYXRpb24gU2Vydml jZXMpMUcwRQYDVQQDDD5O
ZXRMb2NrIElpbsWRc8OtdGV0dCBFYXQuIChDbGFzcyBRIExlZ2FsKSBUYW7DunPDrXR2w6FueWtp
YWTDszAeFw0xMTA4MTcwOTM5MjJaFw0yNDA2MjkwOTM5MjJaMIG4MQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFTATBgNVBAoMDE5ldExvY2sgS2Z0LjEjMCEGA1UECwwaSWTFkWLDqWx5
ZWcgU3pvbGfDoWx0YXTDs2sx0jA4BgNVBAMMMU5ldExvY2sgTWluxZFzw610ZXR0IElkxZFiw6ls
eWVnIFN6b2xnw6FsdGF0w7MgRzUxHjAcBgkqhkiG9w0BCQEWD2luZm9AbmV0bG9jay5odTCCASIw
DQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAMpVq5p5dzM8lxzusKdG+8J242Li81Z4mW4Y0oTe
WyjfHwBj91cPm46Fp0AxF/SCV46SY3GBSSJBheVmSKwOOiUP6byEJx5pHZrDHQLcv+6jFGJHl2QF
A4nGitxLkPTmIGy2A2cwzvOCLaayqqaD8bkD40xi858tgHxpZlPZCielubPvGS2+fvrPIi83sWwl
w4w7GQbzNdXohMws5FN8eFo+qe3znpOjc3b4XsXdBrP8PQVAQKL0ZHFZgPzB8uVgCyJVTYebiyF1
6hj5RDu02psdrpp0qrFl7HFSsyXaBNK4m7BRDrUEe15adLKB0sFFUl+iHlwc7Qpy3qL6lwKHdjEC
AwDuKaOCAmYwggJiMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgZAMBYGA1UdJQEB/wQMMAoG
CCsGAQUFBwMIMB0GA1UdDgQWBBQrJYi0XvIsTzp414AL/Ycqrg1pqzAfBgNVHSMEGDAWgBRkr4GK
XDC4V2XaXaU9WG5HYkI0qzCBoQYDVR0fBIGZMIGWMDCgLqAshipodHRwOi8vY3JsMS5uZXRsb2Nr
Lmh1L2luZGV4LmNnaT9jcmw9Y3FsY2EwMKAuoCyGKmh0dHA6Ly9jcmwyLm5ldGxvY2suaHUvaW5k
ZXguY2dpP2NybD1jcWxjYTAwoC6gLIYqaHR0cDovL2NybDMubmV0bG9jay5odS9pbmRleC5jZ2k/
Y3JsPWNxbGNhMIIBRAYIKwYBBQUHAQEEggE2MIIBMjAtBggrBgEFBQcwAYYhaHR0cDovL29jc3Ax
Lm5ldGxvY2suaHUvY3FsY2EuY2dpMC0GCCsGAQUFBzABhiFodHRwOi8vb2NzcDIubmV0bG9jay5o
dS9jcWxjYS55jZ2kwLQYIKwYBBQUHMAGGIWh0dHA6Ly9vY3NwMy5uZXRsb2NrLmh1L2NxbGNhLmNn
aTA1BggrBgEFBQcwAoYpaHR0cDovL2FpYTEubmV0bG9jay5odS9pbmRleC5jZ2k/Y2E9Y3FsY2Ew
NQYIKwYBBQUHMAKGKWh0dHA6Ly9haWEyLm5ldGxvY2suaHUvaW5kZXguY2dpP2NhPWNxbGNhMDUG
CCsGAQUFBzAChilodHRwOi8vYWlhMy5uZXRsb2NrLmh1L2luZGV4LmNnaT9jYTljcWxjYTANBgkq
hkiG9w0BAQsFAAOCAQEAkx52eNZDGT3ldVs+PbBrXZiUn0A3jnLePJ87TIHGoJEKGS2YsTKjb6BO
laVZHNcNRz2yQ3vAKECiqXuk1x2iHldzJKNIx9/9lqfBA9uVprUEHQ9QPj5top9l+fgqvMQffJMV
u+hR9qfWJVNa7TKhy+LKA7HHNQO6P2L58v2MVw31KzpSzamG7H0BNDVhnZIUWjzRRAMzMSMdUEeZ
xvgyZukp3qzmShllAjcSyIyxzNrKF04Sl0GYyps9OFTwoY8RdUuFPByjcBfUSH4fjXioxfNHdyum
uqnzpsBSjNJRsbY0wIvp9ccyvby07303MuIO2dc4aNhK2+/g2Vhe0sX5DA==
-----END CERTIFICATE-----
```

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

2.6.35.1. NetLock Minősített Időbélyeg Szolgáltató G5

```
Provider: 6
Service: 35
History: 1/1
```

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: NetLock Minősített Időbélyeg Szolgáltató G5

Hungarian: NetLock Minősített Időbélyeg Szolgáltató G5

Service digital identity: *Subject key identifier:*

2B 25 88 B4 5E F2 2C 4F 3A 78 D7 80 0B FD 87 2A AE 0D 69 AB

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2011-08-17T09:39:22.000Z   (17 Aug 2011 11:39:22 CEST)

2.6.36. NetLock Minősített Időbélyeg Szolgáltató G6

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name:

English: NetLock Minősített Időbélyeg Szolgáltató G6

Hungarian: NetLock Minősített Időbélyeg Szolgáltató G6

Service digital identity: *Subject key identifier:*

FC FD 7F 66 87 89 FC 5A A0 43 BD 98 3D CE A9 AC 7C 97 1D 9C

Service digital identity: *Version:*

3

Serial number:

1 509 990 661 103 264 802 977 128 570 721 507 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@netlock.hu,CN=NetLock Minősített Időbélyeg Szolgáltató G6,OU=Időbélyeg Szolgáltatók,O=NetLock Kft.,L=Budapest,C=HU

Issuer:

CN=NetLock Minősített Eat. (Class Q Legal) Tanúsítványkiadó,OU=Tanúsítványkiadók (Certification Services),O=NetLock Kft.,L=Budapest,C=HU

Subject key identifier:

FC FD 7F 66 87 89 FC 5A A0 43 BD 98 3D CE A9 AC 7C 97 1D 9C

Authority key identifier:

64 AF 81 8A 5C 30 B8 57 65 DA 5D A5 3D 58 6E 47 62 42 34 AB

Valid from:

2011-08-17T12:00:56.000Z   (17 Aug 2011 14:00:56 CEST)

Valid to:

2024-06-29T12:00:56.000Z   (29 Jun 2024 14:00:56 CEST)

Key usage:

nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

75:45:B4:12:D3:EE:06:BE:84:2C:F2:F7:3B:D6:A5:33:CF:2F:E7:1C

SHA-256:

0F:29:DF:0B:68:EA:17:9E:85:F2:F6:C4:07:93:C8:FB:51:7E:99:A3:DD:27:F1:F7:E3:9B:5C:92:E5:9E:F9:30

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100CF61D2AFEAE1F31BF4C3E382EF2D4AE08C4467712A7DE7A57F31E0EB598C2705FAFEFAB1EC4C
446E40EA9010FCDA9F36918DB80004E13D05D67A74A0E249954175E9BC91F1424E69324183487E6A72E7E7A41A21B0
BAC7EC52634E9F5DE0BFAE9EB9FDEACF263C3709E7E9E8ECEB5409A000331A7EBA183715B3ED8E041E1F35BF7E2353
20926CA9C1B02E5785B4350F02BE87EF9B054F54D40F83F9068A88755B006E7D11789F29300F4611BFB7B43A4F687E
37BA7DFBE4CC9B2CF01FCEF84CD3E134A9EDBBA3EAF22F9BCFD7170021401B7DEE4C051694DAFB9787098AF54012FB
6EA96DA3661D492DFF310520609F1969DF1308B233A0C4CC811000C913D9020300CE49

Certificate policies:

not present

CRL distribution points:

http://crl1.netlock.hu/index.cgi?crl=cqlca

http://crl2.netlock.hu/index.cgi?crl=cqlca

http://crl3.netlock.hu/index.cgi?crl=cqlca

PEM format:

-----BEGIN CERTIFICATE-----
MIIGYzCCBUugAwIBAgIOSnLC+AAxI4uGOAW4lOMwDQYJKoZIhvcNAQELBQAwgbkxCzAJBgNVBAYT
AkhVMREwDwYDVQQHDAhCdWRhcGVzdDEVMBMGA1UECgwMTmV0TG9jayBLZnQuMTcwNQYDVQQLDC5U
YW7DunPDrXR2w6FueWtpYWTDs2sgKENlcnRpZmljYXRpb24gU2VydmljZXMpMUcwRQYDVQQDDD5O
ZXRMb2NrIE1pbsWRc8OtdGV0dCBFYXQuIChDbGFzcyBRIExlZ2FsKSBUYW7DunPDrXR2w6FueWtp
YWTDszAeFw0xMTA4MTcxMjAwNTZaFw0yNDA2MjkxMjAwNTZaMIG4MQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFTATBgNVBAoMDE5ldExvY2sgS2Z0LjEjMCEGA1UECwwaSWTFkWLDqWx5
ZWcgU3pvbGfDoWx0YXTDs2sxOjA4BgNVBAMMMU5ldExvY2sgTWluZFzw6lOZXR0IElkxZFiw6ls
eWVnIFN6b2xnw6FsdGF0w7MgRzYxHjAcBgkqhkiG9w0BCQEWD2luZm9AbmV0bG9jay5odTCCASIw
DQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAM9h0q/q4fMb9MPjgu8tSuCMRGdxKn3npX8x40tZ
jCcF+v76sexMRG5A6pAQ/NqfNpGNuAAE4T0Flnp0oOJJlUF16byR8UJOaTJBg0h+anLn56QaIbC6
x+xSY06fXeC/rp65/erPJjw3Cefp6OzrVAmgADMafroYNxWz7Y4EHh81v34jUyCSbKnBsC5XhbQl
DwK+h++bBU9U1A+D+QaKiHVbAG59EXifKTAPRhG/t7Q6T2h+N7p9++TMmyzwH874TNPhNKntu6Pq
8i+bz9cXACFAG33uTAUWlNr7l4cJivVAEvtuqW2jZhlJLf8xBSBgnxlp3xMIsjOgxMyBEADJE9kC
AwDOSaOCAmYwggJiMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgZAMBYGA1UdJQEB/wQMMAoG
CCsGAQUFBwMIMB0GA1UdDgQWBBT8/X9mh4n8WqBDvZg9zqmsfJcdnDAfBgNVHSMEGDAWgBRkr4GK
XDC4V2XaXaU9WG5HYkIQqzCBoQYDVR0fBIGZMIGWMDCgLqAshipodHRwOi8vY3JsMS5uZXRsb2Nr
Lmh1L2luZGV4LmNnaT9jcmw9Y3FsY2EwMKAuoCyGKmh0dHA6Ly9jcmwyLm5ldGxvY2suaHUvaW5k
ZXguY2dpP2NybD1jcWxjYTAwoC6gLIYqaHR0cDovL2NybDMubmV0bG9jay5odS9pbmRleC5jZ2k/
Y3JsPWNxbGNhMIIBRAYIKwYBBQUHAQEEggE2MIIBMjAtBggrBgEFBQcwAYYhaHR0cDovL29jc3Ax
Lm5ldGxvY2suaHUvY3FsY2EuY2dpMC0GCCsGAQUFBzABhiFodHRwOi8vb2NzcDIubmV0bG9jay5o
dS9jcWxjYS5jZ2kwLQYIKwYBBQUHMAGGIWh0dHA6Ly9vY3NwMy5uZXRsb2NrLmh1L2NxbGNhLmNn
aTA1BggrBgEFBQcwAoYpaHR0cDovL2FpYTEubmV0bG9jay5odS9pbmRleC5jZ2k/Y2E9Y3FsY2Ew
NQYIKwYBBQUHMAKGKWh0dHA6Ly9haWEyLm5ldGxvY2suaHUvaW5kZXguY2dpP2NhPWNxbGNhMDUG
CCsGAQUFBzAChilodHRwOi8vYWlhMy5uZXRsb2NrLmh1L2luZGV4LmNnaT9jYT1jcWxjYTANBgkq
hkiG9w0BAQsFAAOCAQEAmkr3Ten8v6J7NWiEc7LG9Ggmk1I2QC2MKLAzgm/D3ee/tYh4sV+TirpB
K4B6QDhLZOQQpaA3MDSSHCRp+ZswXX0VpAyJ5Ct+5L5LeUrQf6NZsqQ3yKlUle38d9aWw/0ZVi3K
jT/RIQUd0mi7UO7zNfL58wxptN/1G1+KkEASv2mXHPDS3ClLJ8fwpFlxKI1xsplupVZAxNaQSWrb
jIzG9bdLZ3537z8fMP1Pv+E16F2u8CHJkehx0+vQX2Mbx1yOBxIRYMBUrQYlJiCRscWsC9pRhUoZ
43wSvTiyEa3DnI/VuVcloUBi3k+DniIkPRFf9d87dCEw9vGN4TKmyXuAtg==
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

2.6.36.1. NetLock Minősített Időbélyeg Szolgáltató G6

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: NetLock Minősített Időbélyeg Szolgáltató G6

Hungarian: NetLock Minősített Időbélyeg Szolgáltató G6

Service digital identity: *Subject key identifier:*

FC FD 7F 66 87 89 FC 5A A0 43 BD 98 3D CE A9 AC 7C 97 1D 9C

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2011-08-17T12:00:56.000Z   (17 Aug 2011 14:00:56 CEST)

2.6.37. NetLock Üzleti Időbélyeg Szolgáltató

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA

A time-stamping generation service, not qualified, creating and signing time-stamps tokens.

Service name:

English: NetLock Üzleti Időbélyeg Szolgáltató

Hungarian: NetLock Üzleti Időbélyeg Szolgáltató

Service digital identity:

Version:

3

Serial number:

137 866 296 661 175 270 811 885 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

CN=NetLock Üzleti Időbélyeg Szolgáltató,OU=Időbélyeg Szolgáltatók,O=NetLock Kft.,L=Budapest,C=HU

Issuer:

CN=NetLock Uzleti (Class B) Tanusitvanykiado,OU=Tanusitvanykiadok,O=NetLock Halozatbiztonsagi Kft.,L=Budapest,C=HU

Subject key identifier:

not present

Authority key identifier:

not present

Valid from:

2011-08-05T14:13:34.000Z   (05 Aug 2011 16:13:34 CEST)

Valid to:

2018-12-26T14:13:34.000Z   (26 Dec 2018 15:13:34 CET)

Key usage:

nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

82:F6:F3:27:A8:BC:2A:96:9E:F9:20:5C:E1:7A:82:7D:0E:ED:60:78

SHA-256:

AB:CF:4F:07:B2:37:AA:C2:E5:15:3C:A0:39:DE:CC:1E:A3:09:3D:0D:D4:5C:ED:7B:32:A1:86:A1:E0:0B:41:BC

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100D2FE210875C350FD925224A0C928E117438A8982DAC7369AD7A65D130C8311324AB77ACA5C46
AF5C316A2034A149000FBDDA515D04B482278129D9AA789FC6CC0D18BC89D634AADC1BA4A74DEB603FB663C51DD047
B137D41503A295A7D5D2B4D1D303E1AAADA1362F91F2C8E2E6E635FCD11C3CE0AACCB4257FEC872C5BF8F9635F5619
BC850441CBB96F20E2BA78A866B250BB4B3D96B7F51D989A1A8290BFC1B3A23F3CA03F3200C8D849DED48EA5EA16BE
B346C00B672B4C26AA383AEBF0B5091D1F7FE9D2DCA4229E17D1671F5007675116A355C1034267CF9C321EC04FA03C
E173549E1CA233E360357389DE94140411EEA3E51267122D6788D25EF76B020300F739

Certificate policies:

not present

CRL distribution points:

http://crl1.netlock.hu/index.cgi?crl=uzleti

PEM format:

```
-----BEGIN CERTIFICATE-----
MIIGUjCCBbugAwIBAgIKHTG/Nf5kxpKo7TANBgkqhkiG9w0BAQUFADCBmTELMAkGA1UEBhMCSFUx
ETAPBgNVBAcTCEJlZGFwZXN0MScwJQYDVQQKEx5OZXRMb2NrIEhhbG96YXRiaXp0b25zYWdpIEtm
dC4xGjAYBgNVBAsTEVRhbnVzaXR2YW55a2lhZG9rMTIwMAYDVQQDEyloZXRMb2NrIFV6bGV0aSAo
Q2xhc3MgQikgVGFudXNpdHZhbmlraWFkbzAeFw0xMTA4MDUxNDEzMzRaFw0xODEyMjYxNDEzMzRa
MIGQMQswCQYDVQQGEwJIVTERMA8GA1UEBwwIQnVkYXBlc3QxFATBgNVBAoMDE5ldExvУ2sgS2Z0
LjEjMCEGA1UECwwaSWTFkWLDqWx5ZWcgU3pvbGfDoWx0YXTDs2sxMjAwBgNVBAMMKU5ldExvУ2sg
w5x6bGV0aSBJZMWRYsOpbHllZyBTem9sZ80hbHRhdMOzMIIBIjANBgkqhkiG9w0BAQEFAAOCAQ8A
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vdpRXQS0gieBKdmqeJ/GzA0YvInWNKrcG6SnTetgP7ZjxR3QR7E31BUDopWn1dK00dMD4aqtoTYv
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AQH/BAIwADAOBgNVHQ8BAf8EBAMCBkAwFgYDVR0lAQH/BAwwCgYIKwYBBQUHAwgwPAYDVR0fBDUw
MzAxoC+gLYYraHR0cDovL2NybDEubmV0bG9jay5odS9pbmRleC5jZ2k/Y3JsPXV6bGV0aTCCAqYG
CWCGSAGG+EIBDQSCApcWggKTRklHWUVMRU0hIEV6ZW4gdGFudXNpdHZhbnkgYSB0ZXRMb2NrIEtm
dC4gbmVtIGlpbm9zaXRldHQgaWRvYmVseWVnemVzIHN6b2xnYWx0YXRVRvaSB0YW51c2l0dmFueWEu
IEF6IGlkkb2JlbHllZ2hleiBhIHZvbmF0a296byBqb2dzemFiYWx5b2tiYW4gbWVnaGF0YXJvem90
dCBqb2doYXRhc29rIGtpememFyb2xhZyBhIFN6b2xnYWx0YXRhc2kgU3phYmFseXphdGlJhbiBlcyBB
bHRhbGFub3MgU3plcnpvZGVzaSBGZWx0ZXRlbGVrYmVuIGllZ2hhdGFyb3pvdHQgZmVsdGV0ZWxl
ayBtZWxsZXR0IGZ1em9kbmVrLiBBIGRva3VtZW50dWlvayBtZWd0YWxhbGhhdG9rIGEgaHR0cHM6
Ly93d3cubmV0bG9jay5odS9kb2NzNzLyBjaWllbiB2YWd5IGtlcmhldG9r1GF6IGluZm9AbmV0bG9j
ay5odSBlLWlhaWwgY2ltZW4uIFdBUk5JTkchIFRoaXMgaXMgYSB0aWl1IHN0YW1waW5nIGNlcnRp
ZmljYXRlIG9mIHRoZSB0ZXRMb2NrRMb2NrIE5vbilRdWFsaWZpZWQgVGltZSBTdGFtcGluZyBTZ2aWNl
LiBUaGUgdXNlIG9mIHRoaXMgY2VydGlmaWNhdGUgYW5kIHRpbWUgc3RhbXBzIHNpZ25lZCBieSBp
dCBhcmUgc3ViamVjdCB0byB0aGUgTmV0TG9jayBDUFMgYXZhaWxhYmxlIGF0IGh0dHBz0i8vd3d3
Lm5ldGxvY2suaHUvZG9jcy8gb3IgYnkgZS1tYWlsIGF0IGluZm9AbmV0bG9jay5odS4wDQYJKoZI
hvcNAQEFBQADgYEAoP0fAkGjxwaAEuto0/ekwlRBGrdlD3himJCbC50c3nKywn0bx/Z0dFkCNV9/
3G6eqeo3EVgDclx6SMbL9eTN0tIvaB8B41RrtUxv55mRbfiodU9Exm6bv0VSMhW0hShSKyKxr6hy
jXF5GAbtxffDLvwNVwDnhNbwPlPeo7rzyLs=
-----END CERTIFICATE-----
```

Service digital identity: *Version:*

3

Serial number:

2 470 (decimal)

Signature algorithm:

SHA1withRSA (1.2.840.113549.1.1.5)

Subject:

CN=NetLock Üzleti Időbélyeg Szolgáltató,OU=Időbélyeg
Szolgáltatók,O=NetLock Kft.,L=Budapest,C=HU

Issuer:

CN=NetLock Uzleti (Class B)
Tanusitvanykiado,OU=Tanusitvanykiadok,O=NetLock Halozatbiztonsagi
Kft.,L=Budapest,C=HU

Subject key identifier:

not present

Authority key identifier:

not present

Valid from:

2006-08-16T19:53:41.000Z   (16 Aug 2006 21:53:41 CEST)

Valid to:

2011-08-15T19:53:41.000Z   (15 Aug 2011 21:53:41 CEST)

Key usage:

nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

A2:BB:39:E4:C9:59:12:F0:B2:1F:C9:AB:72:17:D0:30:3B:30:79:68

SHA-256:

D2:E8:91:37:99:94:FE:0D:B1:59:41:40:82:36:04:19:F4:98:83:66:B4:FB:87:C4:3B:A8:0E:00:AC:CE:5F:CB

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100D2FE210875C350FD925224A0C928E117438A8982DAC7369AD7A65D130C8311324AB77ACA5C46
AF5C316A2034A149000FBDDA515D04B482278129D9AA789FC6CC0D18BC89D634AADC1BA4A74DEB603FB663C51DD047
B137D41503A295A7D5D2B4D1D303E1AAADA1362F91F2C8E2E6E635FCD11C3CE0AACCB4257FEC872C5BF8F9635F5619
BC850441CBB96F20E2BA78A866B250BB4B3D96B7F51D989A1A8290BFC1B3A23F3CA03F3200C8D849DED48EA5EA16BE
B346C00B672B4C26AA383AEBF0B5091D1F7FE9D2DCA4229E17D1671F5007675116A355C1034267CF9C321EC04FA03C
E173549E1CA233E360357389DE94140411EEA3E51267122D6788D25EF76B020300F739

Certificate policies:

not present

CRL distribution points:

http://crl1.netlock.net/index.cgi?raw&crl=uzleti

PEM format:

-----BEGIN CERTIFICATE-----
MIIGTzCCBbigAwIBAgICCaYwDQYJKoZIhvcNAQEFBQAwgZkxCzAJBgNVBAYTAkhVMREwDwYDVQQH
EwhCdWRhcGVzdDEnMCUGA1UEChMeTmV0TG9jay1BIYWxvemF0Yml6dG9uc2FnaSBLZnQuMRowGAYD
VQQLExFUYW51c2l0dmFueWtpYWRvEyMDAGA1UEAxMpTmV0TG9jayBVemxldGkgKENyYXNZIEIp
IFRhbnVzaXR2YW55a2lhZG8wHhcNMDYwODE2MTk1MzQxWhcNMTEwODE1MTk1MzQxWjCBkDELMAkG
A1UEBhMCSFUxETAPBgNVBAcMCEJ1ZGFwZXN0MRUwEwYDVQQKDAx0ZXRMb2NrIEtmdC4xIzAhBgNV
BAsMGklkxZFiw6lseWVnIFN6b2xn4FsdGF0w7NrMTIwMAYDVQQDDClOZXRMb2NrIE5lczemxldGkg
SWTFkWLDqWx5ZWcgU3pvbGfDoWx0YXTDszCCASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEB
ANL+IQh1w1D9klIkoMko4RdDiomC2sc2mtemXRMMgxEySrd6ylxGr1wxaiA0oUkAD73aUV0EtIIn
gSnZqnifxswNGLyJ1jSq3Bukp03rYD+2Y8Ud0EexN9QVA6KVp9XStNHTA+GqraE2L5HyyOLm5jX8
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2EnelIGl6ha+s0bAC2crTCaqODrr8LUJHR9/6dLcpCKeF9FnH1AHZlEWolXBA0Jnz5wyHsBPoDzh
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MGh0dHA6Ly9jcmwxLm5ldGxvY2submV0L2luZGV4LmNnaT9yYXcmY3JsPXV6bGV0aTCCAqYGCWCG
SAGG+EIBDQSCApcWggKTRklHWUVMRU0hIEV6ZW4gdGFudXNpdHZhbnkgYSB0ZXRMb2NrIEtmdC4g
bmVtIG1pbm9zaXRldHHQgaWRvYmVseWVnemVzIHN6b2xnYWx0YXRvSB0YW51c2l0dmFueWEuIEF6
IGlkb2J1lbHllZ2hleiBhIHZvbmF0a296byBqb2dzemFiYWx5b2tiYW4gdGbvnaGF0YXJvem90dCBq
b2doYXRhc29rIGtppemVyb2xha2ZyBhIFN6b2xnYWx0YXRhc2kgU3phYmZseXphdGlJhbiBlcyBBbHRh
bGFub3MgU3plcnpvZGVzaSBGZVwx0ZXRlbGVrYmVuIGllZ2hhdGFyb3pvdHHQgZmVsdGV0ZWxxayBt
ZWxsZXR0IGZlem9kbmVrLiBBBIGRva3VtZW50dW1vayBtZWd0YWxhbGhhdG9rIGIEgaHR0cHM6Ly93
d3cubmV0bG9jay5odS9kb2NzIHZhBgaW11biB2Ywd5IGtlcmhldG9rIGF6IGluZm9AbmV0bG9jay5o
dSBlLW1haWwgY2ltZW4uIEFGDBUk5JTkchIFRoaXMgaXMgYSB0aW1lIEHN0YW1waW5nIGNlcnRpZmlj
YXRlIG9mIHRoZSBOZXRMb2NrIE5vbi1RdWFsaWZpZWQgVGltZSBTdGFtcGluZyBTZXJ2aWNllLiBU
aGUgdXNlIG9mIHRoaXMgY2VydGlmaWNhdGUgY3Vk5kIHRpbWUgc3RhbXBXBzc3RhdGVkIGBieSBpdCBh
cmUgc3ViamVjdCBObyByB0aGUgTmV0TG9jayBEBDUFMgYXZhaWxhYmxlIGF0IGh0dHBz0i8vd3d3Lm5l
dGxvY2suaHUvZG9jy8gb3IgYnkgZS1tYWlsIGF0IGluZm9AbmV0bG9jay5odS4wDQYJKoZIhvcN
AQEFBQADgYEAGbQgxzD6/2fxXriCz2cL7+iKPv9nBUbplHdYB/BmBCAFv1+HYlPPG1Pt9U7orl/+
DmbAyGay42Nlm7mJMMy9i9gEPHbFowJtVBoOZl//94Zl1qQkNS/sD8oXqDji6OttSX58mR+wUX0w
bo0DN6n33ZWFKE+MQssQ3i+sKbAaYkY=
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/recognisedatnationallevel

For trust services listed under a service type specified in clause 5.5.1.2: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved" status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in Regulation (EU) No 910/2014 and the applicable national legislation.

For NationalRootCA-QC type: The service is set by national law in accordance with the applicable European legislation and operated by the responsible national body issuing root-signing or qualified certificates to accredited trust service providers.

For other trust services listed under a service type specified in clause 5.5.1.3: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved"status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in the applicable national legislation.

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

2.6.37.1. NetLock Üzleti Időbélyeg Szolgáltató

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA

> *A time-stamping generation service, not qualified, creating and signing time-stamps tokens.*

Service name: *English:* NetLock Üzleti Időbélyeg Szolgáltató

  Hungarian: NetLock Üzleti Időbélyeg Szolgáltató

Service digital identity: *Subject key identifier:*

A4 F1 39 76 82 F4 25 E6 D3 0D 2D DC AF FA 03 9F 8E B9 74 1B

Service digital identity: *Subject key identifier:*

A4 F1 39 76 82 F4 25 E6 D3 0D 2D DC AF FA 03 9F 8E B9 74 1B

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2006-08-16T19:53:41.000Z   (16 Aug 2006 21:53:41 CEST)

2.6.38. NetLock Üzleti Időbélyeg Szolgáltató 4

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA

> *A time-stamping generation service, not qualified, creating and signing time-stamps tokens.*

Service name:

English: NetLock Üzleti Időbélyeg Szolgáltató 4

Hungarian: NetLock Üzleti Időbélyeg Szolgáltató 4

Service digital identity: *Subject key identifier:*

D3 DC 42 70 61 D8 7C B6 AD 41 3D F9 9C 31 51 B7 CF 5C BC A6

Service digital identity: *Version:*

3

Serial number:

1 498 125 147 270 626 968 897 584 425 894 799 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

CN=NetLock Üzleti Időbélyeg Szolgáltató 4,OU=Időbélyeg Szolgáltatók,O=NetLock Kft.,L=Budapest,C=HU

Issuer:

CN=NetLock Üzleti Eat. (Class B Legal) Tanúsítványkiadó,OU=Tanúsítványkiadók (Certification Services),O=NetLock Kft.,L=Budapest,C=HU

Subject key identifier:

D3 DC 42 70 61 D8 7C B6 AD 41 3D F9 9C 31 51 B7 CF 5C BC A6

Authority key identifier:

34 1B 2C C7 B2 3E 4A 72 53 3D 12 7F 40 66 BA AE B6 A4 E4 47

Valid from:

2011-08-05T14:16:42.000Z   (05 Aug 2011 16:16:42 CEST)

Valid to:

2024-03-09T14:16:42.000Z   (09 Mar 2024 15:16:42 CET)

Key usage:

nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

AE:71:E1:1E:ED:BB:77:54:EF:D2:84:DB:9D:D2:77:E4:95:31:BB:07

SHA-256:

F4:C8:A6:3F:00:1F:70:0B:22:2E:6E:42:C2:F7:B8:3F:66:A8:B6:C8:11:78:1D:72:4B:43:3B:F7:0A:7E:62:33

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100A9D037FF462000ABE617AF43900479159B7077D5A8E961A6D2666FC2A89901FA3CB42E190878
35B26AB44C4CBF08E7E08187E6A6B5FFFA046859BCD4F4459BFCF71741811554FF9739C3D21E567E3D01F67E9BA8AE
14D962AEA36ED8E64A1737926B1E2E91F7CAB821298FF00F0543379D88AB4021759CA90874339A4459CA13073AA1F6
77F23A1382ACFAD07A7445BF99D3506597759974D33D77CF059A465DBDA211EC5E2722DE71C9EE7F8D8321653C87DD
6BEE5946E94BC485BB7659BD97218B4C606849EC73646FABD603B798E295C1F439260B038FA1151C491591425B0DD6
F818F88CA34F54E8F59806B6C231E9D106E66F1BF01103E5AE27B71DEF710203009483

Certificate policies:

not present

CRL distribution points:

http://crl1.netlock.hu/index.cgi?crl=cblca
http://crl2.netlock.hu/index.cgi?crl=cblca
http://crl3.netlock.hu/index.cgi?crl=cblca

PEM format:

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-----BEGIN CERTIFICATE-----
MIIG0DCCBSCgAwIBAgIOSdz/bQAbAGy4I5G4g48wDQYJKoZIhvcNAQELBQAwgbQxCzAJBgNVBAYT
AkhVMREwDwYDVQQHDAhCdWRhcGVzdDEVMBMGA1UECgwMTmV0TG9jayBLZnQuMTcwNQYDVQQLDC5U
YW7DunPDrXR2w6FueWtpYWTDs2sgKENlcnRpZmljYXRpb24gU2VydmljZXMpMUIwQAYDVQQDDDlO
ZXRMb2NrIMOcemxldGkgRWF0LiAoQ2xhc3MgQiBMZWdhbCkgVGFuw7pzw610dsOhbnlraWFkw7Mw
HhcNMTEwODA1MTQxNjQyWhcNMjQwMzA5MTQxNjQyWjCBkjELMAkGA1UEBhMCSFUxETAPBgNVBAcM
CEJlZGFwZXN0MRUwEwYDVQQKDAxOZXRMb2NrIEtmdC4xIzAhBgNVBAsMGklkxZFiw6lseWVnIFN6
b2xnw6FsdGF0w7NrMTQwMgYDVQQDDCtOZXRMb2NrIMOcemxldGkgSWTFkWLDqWx5ZWcgU3pvbGfD
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OcPSHlZ+PQH2fpuorhTZYq6jbtjmShc3kmseLpH3yrghKY/wDwVDN52Iq0AhdZypCHQzmkRZyhMH
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5m8b8BED5a4ntx3vcQIDAJSDo4ICZjCCAmIwDAYDVR0TAQH/BAIwADAOBgNVHQ8BAf8EBAMCBkAw
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bmV0bG9jay5odS9pbmRleC5jZ2k/Y3JsPWNibGNhMDCgLqAshipodHRwOi8vY3JsMi5uZXRsb2Nr
Lmh1L2luZGV4LmNnaT9jcmw9Y2JsY2EwMKAuoCyGKmh0dHA6Ly9jcmwzLm5ldGxvY2suaHUvaW5k
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Ly9vY3NwMS5uZXRsb2NrLmh1L2NibGNhLmNnaTAtBggrBgEFBQcwAYYhaHR0cDovL29jc3AyLm5l
dGxvY2suaHUvY2JsY2EuY2dpMC0GCCsGAQUFBzABhiFodHRwOi8vb2NzcDMubmV0bG9jay5odS9j
YmxjYS5jZ2kwNQYIKwYBBQUHMAKGKWh0dHA6Ly9haWExLm5ldGxvY2suaHUvaW5kZXguY2dpP2Nh
PWNibGNhMDUGCCsGAQUFBzAChilodHRwOi8vYWlhMi5uZXRsb2NrLmh1L2luZGV4LmNnaT9jYT1j
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TA/LA2YEw9DSCsc4flMNFf6Vqme7VpgvoAFgRH2d7m6bSTTJoIR2I0YABweVcePbbsKi+EJBHY6U

-----END CERTIFICATE-----
```

Service digital identity:

Version:

3

Serial number:

81 213 526 966 290 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

CN=NetLock Üzleti Időbélyeg Szolgáltató 4,OU=Időbélyeg
Szolgáltatók,O=NetLock Kft.,L=Budapest,C=HU

Issuer:

CN=NetLock Üzleti Eat. (Class B Legal)
Tanúsítványkiadó,OU=Tanúsítványkiadók (Certification Services),O=NetLock
Kft.,L=Budapest,C=HU

Subject key identifier:

D3 DC 42 70 61 D8 7C B6 AD 41 3D F9 9C 31 51 B7 CF 5C BC A6

Authority key identifier:

34 1B 2C C7 B2 3E 4A 72 53 3D 12 7F 40 66 BA AE B6 A4 E4 47

Valid from:

2009-04-26T18:52:02.000Z   (26 Apr 2009 20:52:02 CEST)

Valid to:

2014-04-25T18:52:02.000Z   (25 Apr 2014 20:52:02 CEST)

Key usage:

nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

FB:D1:4F:2B:42:07:65:2E:30:21:A7:16:73:C6:07:37:7D:9A:90:22

SHA-256:

1C:38:49:70:5F:61:70:A6:5B:42:D7:5B:33:19:95:C5:F4:3C:5B:E7:5D:E0:27:A5:B4:F8:8D:18:97:AD:F9:2E

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100A9D037FF462000ABE617AF43900479159B7077D5A8E961A6D2666FC2A89901FA3CB42E190878
35B26AB44C4CBF08E7E08187E6A6B5FFFA046859BCD4F4459BFCF71741811554FF9739C3D21E567E3D01F67E9BA8AE
14D962AEA36ED8E64A1737926B1E2E91F7CAB821298FF00F0543379D88AB4021759CA90874339A4459CA13073AA1F6
77F23A1382ACFAD07A7445BF99D3506597759974D33D77CF059A465DBDA211EC5E2722DE71C9EE7F8D8321653C87DD
6BEE5946E94BC485BB7659BD97218B4C606849EC73646FABD603B798E295C1F439260B038FA1151C491591425B0DD6
F818F88CA34F54E8F59806B6C231E9D106E66F1BF01103E5AE27B71DEF710203009483

Certificate policies:

not present

CRL distribution points:

http://crl1.netlock.hu/index.cgi?crl=cblca
http://crl2.netlock.hu/index.cgi?crl=cblca
http://crl3.netlock.hu/index.cgi?crl=cblca

PEM format:

-----BEGIN CERTIFICATE-----
MIIGMDCCBRigAwIBAgIGSdz/bQASMA0GCSqGSIb3DQEBCwUAMIG0MQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFTATBgNVBAoMDE5ldExvY2sgS2Z0LjE3MDUGA1UECwwuVGFuw7pzw6l0
dsOhbnlraWFkFkw7NrIChDZXJ0aWZpY2F0aW9uIFNlcnZpY2VzKTFCMEAGA1UEAww5TmV0TG9jayDD
nHpsZXRpEVhdC4gKENsYXNzIEIgTGVnYWwpIFRhbsO6c8OtdHbDoW55a2lhZM0zMB4XDTA5MDy
NjE4NTIwMloXDTE0MDQyNTE4NTIwMlowgZIxCzAJBgNVBAYTAkhVMREwDwYDVQQHDAhCdWRhcGVz
dDEVMBMGA1UECgwMTmV0TG9jayBLZnQuMSMwIQYDVQQLDBpJZMWRYsOpbHllLZyBTem9sZ80nbHRh
dMOzazE0MDIGA1UEAwwrTmV0TG9jayDDnHpsZXRpIElkxxZFiw6lseWVnIFN6b2xnw6FsdGF0w7Mg
NDCCASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAKnQN/9GIACr5hevQ5AEeRWbcHfVqOlh
ptJmb8KomQH6PLQuGQh4NbJqtExMvwjn4IGH5qa1//oEaFm8lPRFm/z3F0GBFVT/lznD0h5Wfj0B
9n6bqK4U2WKuo27Y5koXN5JrHi6R98q4ISmP8A8FQzediKtAIXWcqQh0M5pEWcoTBzqh9nfyOhOC
rPrQenRFv5nTUGWXdZl00z13zwWaRl29ohHsXici3nHJ7n+NgyFlPIfda+5ZRulLxIW7dlm9lyGL
TGBoSexzZG+r1gO3mOKVwfQ5JgsDj6EVHEkVkUJbDdb4GPiMo09U6PWYBrbCMenRBuZvG/ARA+Wu
J7cd73ECAwCUg6OCAmYwggJiMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgZAMBYGA1UdJQEB
/wQMMAoGCCsGAQUFBwMIMIGhBgNVHR8EgZkwgZYwMKAuoCyGKmh0dHA6Ly9jcmwxLm5ldGxvY2s2su
aHUvaW5kZXguY2dpP2NybD1jYmxjYTAwoC6gLIYqaHR0cDovL2NybDIubmV0bG9jay5odS9pbmRl
eC5jZ2k/Y3JsPWNibGNhMDCgLqAshipodHRwOi8vY3JsMy5uZXRsb2NrLmh1L2luZGV4LmNnaT9j
cmw9Y2JsY2EwggFEBggrBgEFBQcBAQSCATYwggEyMC0GCCsGAQUFBzABhiFodHRwOi8vb2NzcDEu
bmV0bG9jay5odS9jYmxjYS5jZ2kwLQYIKwYBBQUHMAGGIWh0dHA6Ly9vY3NwMi5uZXRsb2NrLmh1
L2NibGNhLmNnaTAtBggrBgEFBQcwAYYhaHR0cDovL29jc3AzLm5ldGxvY2suaHUvY2JsY2EuY2dp
MDUGCCsGAQUFBzAChilodHRwOi8vYWluMS5uZXRsb2NrLmh1L2luZGV4LmNnaT9jYT1jYmxjYTA1
BggrBgEFBQcwAoYpaHR0cDovL2FpbiV0bG9jay5odS9pbmRleC5jZ2k/Y2E9Y2JsY2EwNQYI
KwYBBQUHMAKGKWh0dHA6Ly9haWEzLm5ldExvY2suaHUvaW5kZXguY2dpP2NhPWNibGNhMB8GA1Ud
IwQYMBaAFDQbLMeyPkpyUz0Sf0Bmuq62pORHMB0GA1UdDgQWBBTT3EJwYdh8tq1BPfmcMVG3z1y8
pjANBgkqhkiG9w0BAQsFAAOCAQEAA2YQifftVOTiJ+p2yBjL/GgPslj6x12ySSEaFjy86jwPG/Gu1
AzGm7GslaFyzebm8/EajNggGmBL1zO1Teut2xEEYW56HWO0B0rmPI9Bwa8LyAzzIUR2HgtsDgwwZ
xvWM6xptqIhJHvyB/umUZIgMbPkYcYHKtKS0oEF26/al4wCQ8n3QaEPALoywzb+6i26knVOq2pmF
ojhBKhpTNbxC7R5LT8b4y4XOCn2ZEmJ5ALxS5dSBaOJfF9lLjsHgWv9WEsJyfniISpcYS+uA949L
1n4U8tkeAyKlXieWzbhfUTa30qPT3WdweK0wFDqiIdY/NAjz/qDe8xNIu4SlN748ag==
-----END CERTIFICATE-----

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/recognisedatnationallevel

For trust services listed under a service type specified in clause 5.5.1.2: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved" status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in Regulation (EU) No 910/2014 and the applicable national legislation.

For NationalRootCA-QC type: The service is set by national law in accordance with the applicable European legislation and operated by the responsible national body issuing root-signing or qualified certificates to accredited trust service providers.

For other trust services listed under a service type specified in clause 5.5.1.3: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved"status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in the applicable national legislation.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

2.6.38.1. NetLock Üzleti Időbélyeg Szolgáltató 4

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA

A time-stamping generation service, not qualified, creating and signing time-stamps tokens.

Service name:

English: NetLock Üzleti Időbélyeg Szolgáltató 4

Hungarian: NetLock Üzleti Időbélyeg Szolgáltató 4

Service digital identity: *Subject key identifier:*

D3 DC 42 70 61 D8 7C B6 AD 41 3D F9 9C 31 51 B7 CF 5C BC A6

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2009-04-26T18:52:02.000Z   (26 Apr 2009 20:52:02 CEST)

2.6.39. NetLock Minősített Időbélyeg Szolgáltató G7

Provider: 6
Service: 39

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: NetLock Minősített Időbélyeg Szolgáltató G7

Hungarian: NetLock Minősített Időbélyeg Szolgáltató G7

Service digital identity: *Subject key identifier:*

AB 87 58 16 3B A2 C9 55 B1 52 5C D1 BC 80 A5 1C 86 53 DF 57

Service digital identity: *Version:*

3

Serial number:

1 509 990 661 103 320 229 923 391 193 418 741 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@netlock.hu,CN=NetLock Minősített Időbélyeg Szolgáltató G7,OU=Időbélyeg Szolgáltatók,O=NetLock Kft.,L=Budapest,C=HU

Issuer:

CN=NetLock Minősített Eat. (Class Q Legal) Tanúsítványkiadó,OU=Tanúsítványkiadók (Certification Services),O=NetLock Kft.,L=Budapest,C=HU

Subject key identifier:

AB 87 58 16 3B A2 C9 55 B1 52 5C D1 BC 80 A5 1C 86 53 DF 57

Authority key identifier:

64 AF 81 8A 5C 30 B8 57 65 DA 5D A5 3D 58 6E 47 62 42 34 AB

Valid from:

2011-10-26T14:17:42.000Z   (26 Oct 2011 16:17:42 CEST)

Valid to:

2024-06-29T14:17:42.000Z   (29 Jun 2024 16:17:42 CEST)

Key usage:

nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

0A:A3:53:AB:40:FC:DF:A9:A0:53:A8:3F:9E:6D:2A:37:48:88:90:9D

SHA-256:

11:51:C2:A0:1A:C4:E4:E3:18:8F:05:FC:B1:59:76:8C:71:44:32:B7:68:D0:78:4B:74:64:48:E0:3D:34:D6:F8

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A02820101009EDD522CE4B79764FD9497DB6018CD6F123DE461A491A2668A2B17E42EEDCD1FA81218CDC4DE
BD097EED2B792AE1C36B5273FE98FA85CD16C9652FF5927C72302963F7C8B41B773B006507DFF1D9B5F2FB04BC92B9
DF51E3CBE2B4793D9587C5C8E51A5511C3EA8CFF4E1B7B38771B4D870320A7AE1C2FF08BCB58A242548ABF0C10C8E0
260B15FF1A04F109FDD64733922505064AA6B018DA4257D9F78830CEB5A705D5560E21A65E7AB3C29B691D79A193CC7
6C704296536042EFA66E4278DC38B766F33A616CD7FFFE27B62CD77218BB87A2286EB1EC9543BBDCEDF238EA425F69
F9335FB4E9061AEC6851A6C57CDD67DD85C7EFC6103EBEF8ACC97435A4E5020300C905

Certificate policies:

not present

CRL distribution points:

http://crl1.netlock.hu/index.cgi?crl=cqlca
http://crl2.netlock.hu/index.cgi?crl=cqlca
http://crl3.netlock.hu/index.cgi?crl=cqlca

PEM format:

-----BEGIN CERTIFICATE-----
MIIGYzCCBUugAwIBAgIOSnLC+AA0JL+YLh4DC/UwDQYJKoZIhvcNAQELBQAwgbkxCzAJBgNVBAYT
AkhVMREwDwYDVQQHDAhCdWRhcGVzdDEVMBMGA1UECgwMTmV0TG9jayBLZnQuMTcwNQYDVQQLDC5U
YW7DunPDrXR2w6FueWtpYWTDs2sgKENlcnRpZmljYXRpb24gU2Vydml jZXMpMUcwRQYDVQQDDD5O
ZXRMb2NrIE1pbsWRc8OtdGV0dCBFYXQuIChDbGFzcyBRIExlZ2FsKSBUYW7DunPDrXR2w6FueWtp
YWTDszAeFw0xMTEwMjYxNDE3NDJaFw0yNDA2MjkxNDE3NDJaMIG4MQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFTATBgNVBAoMDE5ldExvY2sgS2Z0LjEjMCEGA1UECwwaSWTFkWLDqWx5
ZWcgU3pvbGfDoWx0YXTDs2sx0jA4BgNVBAMMMU5ldExvY2sgTWluxZFzw610ZXR0IElkxZFiw6ls
eWVnIFN6b2xnw6FsdGF0w7MgRzcxHjAcBgkqhkiG9w0BCQEWD2luZm9AbmV0bG9jay5odTCCASIw
DQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAJ7dUizkt5dk/ZSX22AYzW8SPeRhpJGiZoorF+Qu
7c0fqBIYzcTevQl+7St5KuHDa1Jz/pj6hc0WyWUv9ZJ8cjApY/fItBt3OwBlB9/x2bXy+wS8krnf
UePL4rR5PZWHxcjlGlURw+qM/04bezh3G02HAyCnrhwv8IvLWKJCVIq/DBDI4CYLFf8aBPEJ/dZH
M5JQUGSqawGNpCV9n3iDDOtacF1VYOIaZeerPCm2kdeaGTzHbHBCllNgQu+mbkJ43Di3ZvM6YWzX
//4ntizXchi7h6IobrHslUO73O3yOOpCX2n5M1+06QYa7GhRpsV83Wfdhcfvxha+vvisyXQ1pOUC
AwDJBaOCAmYwggJiMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgZAMBYGA1UdJQEB/wQMMAoG
CCsGAQUFBwMIMB0GA1UdDgQWBBSrh1gWO6LJVbFSXNG8gKUchlPfVzAfBgNVHSMEGDAWgBRkr4GK
XDC4V2XaXaU9WG5HYkI0qzCBoQYDVR0fBIGZMIGWMDCgLqAshipodHRwOi8vY3JsMS5uZXRsb2Nr
Lmh1L2luZGV4LmNnaT9jcmw9Y3FsY2EwMKAuoCyGKmh0dHA6Ly9jcmwyLm5ldGxvY2suaHUvaW5k
ZXguY2dpP2NybD1jcWxjYTAwoC6gLIYqaHR0cDovL2NybDMubmV0bG9jay5odTCCASIw
Y3JsPWNxbGNhMIIBRAYIKwYBBQUHAQEEggE2MIIBMjAtBggrBgEFBQcwAYYhaHR0cDovL29jc3Ax
Lm5ldGxvY2suaHUvY3FsY2EuY2dpMC0GCCsGAQUFBzABhiFodHRwOi8vb2NzcDIubmV0bG9jay5o
dS9jcWxjYS5jZ2kwLQYIKwYBBQUHMAGGIWh0dHA6Ly9vY3NwMy5uZXRsb2NrLmh1L2NxbGNhLmNn
aTA1BggrBgEFBQcwAoYpaHR0cDovL2FpYTEubmV0bG9jay5odS9pbmRleC5jZ2k/Y2E9Y3FsY2Ew
NQYIKwYBBQUHMAKGKWh0dHA6Ly9haWEyLm5ldGxvY2suaHUvaW5kZXguY2dpP2NhPWNxbGNhMDUG
CCsGAQUFBzAChilodHRwOi8vYWlhMy5uZXRsb2NrLmh1L2luZGV4LmNnaT9jYT1jcWxjYTANBgkq
hkiG9w0BAQsFAAOCAQEAUeobS30m0chnbmppPKszrFTRW95XtzqNZ36K6yprs3TXjaFNu8zUJeNz
wUZwogel+ny6H7W8ChL425z0BkeB9ccyX2dJxZzSJhNWUOPgtWucOBJtElMwfFHPrOEMFuSvuscy
vaCny4bTSAvqklzYdkCg+0o09bKzs4WFQpgy1KqyyFgB5Pdq56qVUjcyPDDaFrPg0b6AT5kb6pW6
zPFn6Mtpu8SLbxkprjRTqPL3wjsn/k8jy9TOVlIB1hsLlotkr/eIAg5xTILk2tesAqBqcoVnWx9O
bpaXosXCpBDgKFkdyqMHzfhFYesMCjCh5q4dcGu9RY4IFEDzDVg/59aHUg==
-----END CERTIFICATE-----

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

2.6.39.1. NetLock Minősített Időbélyeg Szolgáltató G7

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name:

English: NetLock Minősített Időbélyeg Szolgáltató G7

Hungarian: NetLock Minősített Időbélyeg Szolgáltató G7

Service digital identity: *Subject key identifier:*

AB 87 58 16 3B A2 C9 55 B1 52 5C D1 BC 80 A5 1C 86 53 DF 57

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2011-10-26T14:17:42.000Z   (26 Oct 2011 16:17:42 CEST)

2.6.40. NetLock Minősített Időbélyeg Szolgáltató G8

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name:

English: NetLock Minősített Időbélyeg Szolgáltató G8

Hungarian: NetLock Minősített Időbélyeg Szolgáltató G8

Service digital identity: *Subject key identifier:*

6E B3 1A 3A 19 AB 6A E4 DF 7A 1F ED 4F AF 95 98 9E 41 61 3E

Service digital identity: *Version:*

3

Serial number:

1 509 990 661 169 115 004 269 457 443 066 992 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@netlock.hu,CN=NetLock Minősített Időbélyeg Szolgáltató G8,OU=Időbélyeg Szolgáltatók,O=NetLock Kft.,L=Budapest,C=HU

Issuer:

CN=NetLock Minősített Eat. (Class Q Legal) Tanúsítványkiadó,OU=Tanúsítványkiadók (Certification Services),O=NetLock Kft.,L=Budapest,C=HU

Subject key identifier:

6E B3 1A 3A 19 AB 6A E4 DF 7A 1F ED 4F AF 95 98 9E 41 61 3E

Authority key identifier:

64 AF 81 8A 5C 30 B8 57 65 DA 5D A5 3D 58 6E 47 62 42 34 AB

Valid from:

2012-03-08T08:18:32.000Z   (08 Mar 2012 09:18:32 CET)

Valid to:

2024-07-03T08:18:32.000Z   (03 Jul 2024 10:18:32 CEST)

Key usage:

nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

F6:1E:17:C7:29:65:F5:61:D6:0C:95:54:32:B1:F0:C1:67:A1:A6:E3

SHA-256:

F2:03:F7:15:E9:BC:5F:2C:EB:57:5E:86:44:1C:1D:2B:4D:6C:BB:F3:AD:F8:C8:BD:79:36:78:4D:D2:E5:7C:D5

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100AA9550B483CB0052CC4F553F01DC5827C1A09A32BAFA7843A494D7B740BB5371CB644BF467B2
88A92B6BD7348F6C6D46DDCDC71815F79E63D8A767C7A390DB9498762D92207311C5F3EA67BE9209D3A4E9977A0B72
127EE86D95C52AD64251FB227ACC3E83C118AD6C9D932A3788FA1205955924B87789620BB375091E430F6D973A1729
FB7730A1A8629C0D4A236D6F5DC417B343C29D42B937805067856E24281346FD3B442A906B4BF18E9F5A20875A3816
C839B1C22FDCAE567832D4C0269FE3205BCF0DA5098086F44F2256A03E0BB1CFAB5341A6F4D9A58443022C177E14F6
9D41ECD2EA93FEA05303A5B5FD85C62D89DB45E2FBAC11769CBF44A4D775020300F497

Certificate policies:

not present

CRL distribution points:

http://crl1.netlock.hu/index.cgi?crl=cqlca

http://crl2.netlock.hu/index.cgi?crl=cqlca

http://crl3.netlock.hu/index.cgi?crl=cqlca

PEM format:

-----BEGIN CERTIFICATE-----
MIIGYzCCBUugAwIBAgIOSnLC+A4i4qpoRdTTFHAwDQYJKoZIhvcNAQELBQAwgbkxCzAJBgNVBAYT
AkhVMREwDwYDVQQHDAhCdWRhcGVzdDEVMBMGA1UECgwMTmV0TG9jjayBLZnQuMTcwNQYDVQQLDC5U
YW7DunPDrXR2w6FueWtpYWTDs2sgKENlcnRpRpZmljjYXRpb24gU2Vydml jZXMpMUcwRQYDVQQDDD5O
ZXRMb2NrIE1pbsWRc8OtdGV0dCBFYXQuIChDbGFzcyBRIExlZ2FsKSBUYW7DunPDrXR2w6FueWtp
YWTDszAeFw0xMjAzMDgwODE4MzJaFw0yNDA3MDMwODE4MzJaMIG4MQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFTATBgNVBAoMDE5ldExvY2sgS2Z0LjEjMCEGA1UECwwaSWTFkWLDqWx5
ZWcgU3pvbGfDoWx0YXTDs2sx0jA4BgNVBAMMMU5ldExvY2sgTWLuxZFzw610ZXR0IElkxZFiw6ls
eWVnIFN6b2xnw6FsdGF0w7MgRzgxHjAcBgkqhkiG9w0BCQEWD2luZm9AbmV0bG9jay5odTCCASIw
DQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAKqVULSDywBSzE9VPwHcWCfBoJoyuvp4Q6SU17dA
ulNxy2RL9GeyiKkra9c0j2xtRt3NxxgV955j2Kdnx60Q25SYdi2SIHMRxfPqZ76SCd0k6Zd6C3IS
fuhtlcUq1kJR+yJ6zD6DwRitbJ2TKjeI+hIFlVkkuHeJYguzdQkeQw9tlzoXKft3MKGoYpwNSiNt
bl3EF7NDwp1CuTeAUGeFbiQoE0b9O0QqkGtL8Y6fWiCHWjgWyDmxwi/crlZ4MtTAJp/jIFvPDaUJ
gIb0TyJWoD4Lsc+rU0Gm9NmlhEMCLBd+FPadQezS6pP+oFMDpbX9hcYtidtF4vusEXacv0Sk13UC
AwD0l60CAmYwggJiMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgZAMBYGA1UdJQEB/wQMMAoG
CCsGAQUFBwMIMB0GA1UdDgQWBBRusxo6Gatq5N96H+1Pr5WYnkFhPjAfBgNVHSMEGDAWgBRkr4GK
XDC4V2XaXaU9WG5HYkI0qzCBoQYDVR0fBIGZMIGWMDCgLqAshipodHRwOi8vY3JsMS5uZXRsb2Nr
Lmh1L2luZGV4LmNnaT9jcmw9Y3FsY2EwMKAuoCyGKmh0dHA6Ly9jcmwyLm5ldGxvY2suaHUvaW5k
ZXguY2dpP2NybD1jcWxjYTAwoC6gLIYqaHR0cDovL2NybDMubmV0bG9jay5odS9pbmRleC5jZ2k/
Y3JsPWNxbGNhMIIBRAYIKwYBBQUHAQEEggE2MIIBMjAtBggrBgEFBQcwAYYhaHR0cDovL29jc3Ax
Lm5ldGxvY2suaHUvY3FsY2EuY2dpMC0GCCsGAQUFBzABhiFodHRwOi8vb2NzcDIubmV0bG9jay5o
dS9jcWxjYS5jZ2kwLQYIKwYBBQUHMAGGIWh0dHA6Ly9vY3NwMy5uZXRsb2NrLmh1L2NxbGNhLmNn
aTA1BggrBgEFBQcwAoYpaHR0cDovL2FpYTEubmV0bG9jay5odS9pbmRleC5jZ2k/Y2E9Y3FsY2Ew
NQYIKwYBBQUHMAKGKWh0dHA6Ly9haWEyLm5ldGxvY2suaHUvaW5kZXguY2dpP2NhPWNxbGNhMDUG
CCsGAQUFBzAChilodHRwOi8vYWlhMy5uZXRsb2NrLmh1L2luZGV4LmNnaT9jYT1jcWxjYTANBgkq
hkiG9w0BAQsFAAOCAQEAmnVdMqfre/7RNT46NazuQBKCey/fd/w58UdGKkTnB1G5quktDNK4xC+q
1poze3XTUlpstZMNBUZH+UTrJOt4V37kyY5L3elPoB6bAPkQoF8mmkix0V2cVL31DKfxMVwpqblN
NSw8c/HIaYKXP+jNz1gq26HH5EDXK+St4GCNXU0kstyX1bqUyrRR80H8fqCL48i9FTGzTR+hV9Rh
IBHRf9GFD2RNpqV2XkrBVKCJ3sqeO05yByBrObl4l4OSzWZC9QOrVrmFTdpIBq8enUOCYL3bW4D8
vlkhqiWLslb77KumUfRW1UGpGl+Lanzd91NiCOVL10fS4d0lbGDXrcM+lg==
-----END CERTIFICATE-----

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

2.6.40.1. NetLock Minősített Időbélyeg Szolgáltató G8

```
Provider: 6
Service: 40
History: 1/1
```

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name:

English: NetLock Minősített Időbélyeg Szolgáltató G8

Hungarian: NetLock Minősített Időbélyeg Szolgáltató G8

Service digital identity: *Subject key identifier:*

6E B3 1A 3A 19 AB 6A E4 DF 7A 1F ED 4F AF 95 98 9E 41 61 3E

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2012-03-08T08:18:32.000Z   (08 Mar 2012 09:18:32 CET)

2.6.41. NetLock Minősített Időbélyeg Szolgáltató G9

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: NetLock Minősített Időbélyeg Szolgáltató G9

Hungarian: NetLock Minősített Időbélyeg Szolgáltató G9

Service digital identity: *Subject key identifier:*

DA 70 8C C7 A8 82 01 C3 D9 08 DB 1B 2D F8 96 10 78 65 84 B1

Service digital identity: *Version:*

3

Serial number:

1 509 990 661 169 148 286 648 292 719 915 671 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@netlock.hu,CN=NetLock Minősített Időbélyeg Szolgáltató G9,O=NetLock Kft.,L=Budapest,C=HU

Issuer:

CN=NetLock Minősített Eat. (Class Q Legal) Tanúsítványkiadó,OU=Tanúsítványkiadók (Certification Services),O=NetLock Kft.,L=Budapest,C=HU

Subject key identifier:

DA 70 8C C7 A8 82 01 C3 D9 08 DB 1B 2D F8 96 10 78 65 84 B1

Authority key identifier:

64 AF 81 8A 5C 30 B8 57 65 DA 5D A5 3D 58 6E 47 62 42 34 AB

Valid from:

2012-03-08T09:24:27.000Z   (08 Mar 2012 10:24:27 CET)

Valid to:

2024-07-03T09:24:27.000Z   (03 Jul 2024 11:24:27 CEST)

Key usage:

nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

05:EF:E9:02:BE:22:10:95:C0:B8:07:2D:2C:BC:2B:64:0D:8F:4D:4A

SHA-256:

26:68:64:83:F0:0E:63:91:45:C0:6E:F6:8E:66:C6:CD:E8:82:13:6A:82:BE:D0:81:FC:95:07:54:8B:A3:4B:94

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100BC90D04F22E9511E4067D061AFD3A6B0543BD3BD0B3DBD36D7B9679BA5DE2F1CBE6FD8EC1FC5
4ADBBC5255C1D3A893B601DCD1D5633B35FE9F8799961461DC2A8F2A1D197ADBDB587E172D4721B8348129DD455128
AE7E05AA1B69CECB68C0B73A1168A4AE84557271B545284FE3826B3DB1DCAFAAD593A62A4EA61BFEE862719397DC74
27628C4CCCE4800C46B3FE87D881201B79205BFB5BCA7E0490240EE5D255A30BA0A1144DE656091FE4386E81600867
D2D83F4B166FE3A4AA2523D9043CCC965EB09AFC4DE63E5322F48ECAD11EC84BA6D02DC7D14D0EAAB47F7478DDAEB5
79C09FBD426632184FEB92260FF9CE86A879754B002F5A19155F6D337F07020300C9AF

Certificate policies:

not present

CRL distribution points:

http://crl1.netlock.hu/index.cgi?crl=cqlca

http://crl2.netlock.hu/index.cgi?crl=cqlca

http://crl3.netlock.hu/index.cgi?crl=cqlca

PEM format:

```
-----BEGIN CERTIFICATE-----
MIIGPjCCBSagAwIBAgIOSnLC+A4ksI0rfGF68pcwDQYJKoZIhvcNAQELBQAwgbkxCzAJBgNVBAYT
AkhVMREwDwYDVQQHDAhCdWRhcGVzdDEVMBMGA1UECgwMTmV0TG9jayBLZnQuMTcwNQYDVQQLDC5U
YW7DunPDrXR2w6FueWtpYWTDs2sgKENlcnRpZmljYXRpb24gU2Vydml jZXMpMUcwRQYDVQQDDD5O
ZXRMb2NrIE1pbsWRc8OtdGV0dCBFYXQuIChDbGFzcyBRIExlZ2FsKSBUYW7DunPDrXR2w6FueWtp
YWTDszAeFw0xMjAzMDgwOTI0MjdaFw0yNDA3MDMwOTI0MjdaMIGTMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFTATBgNVBAoMDE5ldExvY2sgS2Z0LjE6MDgGA1UEAwwxTmV0TG9jaybN
aW7FkXPDrXRldHQgSWTFkWLDqWx5ZWcgU3pvbGdfDoWx0YXTDsyBHOTEeMBwGCSqGSIb3DQEJARYP
aW5mb0BuZXRsb2NrLmh1MIIBIjANBgkqhkiG9w0BAQEFAAOCAQ8AMIIBCgKCAQEAvJDQTyLpUR5A
Z9Bhr9OmsFQ7070LPb0217lnm6XeLxy+b9jsH8VK27xSVcHTqJO2AdzR1WM7Nf6fh5mWFGHcKo8q
HRl629tYfhctRyG4NIEp3UVRKK5+Baobac7LaMC3OhFopK6EVXJxtUUoT+OCaz2x3K+q1ZOmKk6m
G/7oYnGTl9x0J2KMTMzkgAxGs/6H2IEgG3kgW/tbyn4EkCQO5dJVowugoRRN5lYJH+Q4boFgCGfS
2D9LFm/jpKolI9kEPMyWXrCa/E3mPlMi9I7K0R7IS6bQLcfRTQ6qtH90eN2utXnAn71CZjIYT+uS
Jg/5zoaoeXVLAC9aGRVfbTN/BwIDAMmvo4ICZjCCAmIwDAYDVR0TAQH/BAIwADAOBgNVHQ8BAf8E
BAMCBkAwFgYDVR0lAQH/BAwwCgYIKwYBBQUHAwgwHQYDVR00BBYEFNpwjMeoggHD2QjbGy34lhB4
ZYSxMB8GA1UdIwQYMBaAFGSvgYpcMLhXZdpdpT1YbkdiQjSrMIGhBgNVHR8EgZkwgZYwMKAuoCyG
Kmh0dHA6Ly9jcmwxLm5ldGxvY2suaHUvaW5kZXguY2dpP2NybD1jcWxjYTAwoC6gLIYqaHR0cDov
L2NybDIubmV0bG9jay5odS9pbmRleC5jZ2k/Y3JsPWNxbGNhNMDCgLqAshipodHRwOi8vY3JsMy5u
ZXRsb2NrLmh1L2luZGV4LmNnaT9jcmw9Y3FsY2EwggFEBggrBgEFBQcBAQSCATYwggEyMC0GCCsG
AQUFBzABhiFodHRwOi8vb2NzcDEubmV0bG9jay5odS9jcWxjYS5jZ2kwLQYIKwYBBQUHMAGGIWh0
dHA6Ly9vY3NwMi5uZXRsb2NrLmh1L2NxbGNhLmNnaTAtBggrBgEFBQcwAYYhaHR0cDovL29jc3Az
Lm5ldGxvY2suaHUvY3FsY2EuY2dpMDUGCCsGAQUFBzAChilodHRwOi8vYWLhMS5uZXRsb2NrLmh1
L2luZGV4LmNnaT9jYT1jcWxjYTA1BggrBgEFBQcwAoYpaHR0cDovL2FpYTIubmV0bG9jay5odS9p
bmRleC5jZ2k/Y2E9Y3FsY2EwNQYIKwYBBQUHMAKGKWh0dHA6Ly9haWEzLm5ldGxvY2suaHUvaW5k
ZXguY2dpP2NhPWNxbGNhMA0GCSqGSIb3DQEBCwUAA4IBAQBRbm7jiT5nS63yFdq8lhK4rs6G51Rg
Rdc660EfXH64ZbG3dJdJzQux/nfcKnst8y70zUUCTvMqMF28LCvl16+BAaZjdoI4alzMBnjgxHQ7
rjBLLYJvb5P0qMRDpYZhubBNNGaOQe3cgt4qLMZ0Am3LRKQhq4clEfD662xAW2O4EdnCp7WxaaW1
3Kng7kRjRWlFMwxvy09JY4Kp5UYoEI9THTKyxJnYFY2qzSvBPpHOr6ollqvIzov6W/HBrV1TuuFo
H+hvrDn8P9idRz1OQs7Ed7OBKXDq/NUdfU2suVfHi5kht/UjsTa2YvHJBmlil6RX5MiFhrQ8dfw
6/+rnzVt
-----END CERTIFICATE-----
```

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

2.6.41.1. NetLock Minősített Időbélyeg Szolgáltató G9

```
Provider: 6
Service: 41
History: 1/1
```

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name:

English: NetLock Minősített Időbélyeg Szolgáltató G9

Hungarian: NetLock Minősített Időbélyeg Szolgáltató G9

Service digital identity: *Subject key identifier:*

DA 70 8C C7 A8 82 01 C3 D9 08 DB 1B 2D F8 96 10 78 65 84 B1

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2012-03-08T09:24:27.000Z   (08 Mar 2012 10:24:27 CET)

2.6.42. NetLock Minősített Időbélyeg Szolgáltató G10

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name:

English: NetLock Minősített Időbélyeg Szolgáltató G10

Hungarian: NetLock Minősített Időbélyeg Szolgáltató G10

Service digital identity: *Subject key identifier:*

A1 BD 02 70 85 C7 36 AE 0F 37 83 85 02 84 E7 31 F7 CE 8B 8E

Service digital identity: *Version:*

3

Serial number:

1 509 990 661 193 392 971 812 116 453 919 153 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@netlock.hu,CN=NetLock Minősített Időbélyeg Szolgáltató G10,O=NetLock Kft.,L=Budapest,C=HU

Issuer:

CN=NetLock Minősített Eat. (Class Q Legal) Tanúsítványkiadó,OU=Tanúsítványkiadók (Certification Services),O=NetLock Kft.,L=Budapest,C=HU

Subject key identifier:

A1 BD 02 70 85 C7 36 AE 0F 37 83 85 02 84 E7 31 F7 CE 8B 8E

Authority key identifier:

64 AF 81 8A 5C 30 B8 57 65 DA 5D A5 3D 58 6E 47 62 42 34 AB

Valid from:

2012-10-18T11:44:20.000Z   (18 Oct 2012 13:44:20 CEST)

Valid to:

2024-07-27T11:44:20.000Z   (27 Jul 2024 13:44:20 CEST)

Key usage:

nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

DF:88:DB:8E:02:2A:B7:5B:76:A6:76:2D:02:C4:A5:2B:69:28:52:F6

SHA-256:

CD:06:58:A2:87:49:C8:00:B6:B6:7B:77:0C:3B:3D:D4:61:8A:4D:F8:8D:3D:10:D7:52:EC:03:D6:BF:57:4E:76

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100CEEDB3E3A0BC09FC2220AC2BD94BBA601CEEA83500C2660B25D3C8D5EDC9BDAE9D2872EAEC20
0AEE63A461263203EAD01C1B59B3AD12BF5DAA06215A7D4DDBFC06F566FF9A8A1BD383C4717A465FBCC9DDE092ECF8
F0A8D9122F9AD2959AD454A68A1A73A5AB79967CE414711A542469E781FFCECC54E2854C680F9E5446E537CF175728
01895C519A0062BAE66A8AA14E84C9AEE75933D6548C5287CCAFB59A52911A168A7ED9DFA917BC639DECC66956AC39
6E5B8836D3841D0CDFCD5736A8EC7D28E9592D4E30044F50DACADBE4EC45A55D9FA76FDFAC52DA764681F0C180C66F
200E82EE97732B71F82C944B59CD3CE3FBC9FE670F0ACC2B3CF952FEE4410203013F11

Certificate policies:

not present

CRL distribution points:

http://crl1.netlock.hu/index.cgi?crl=cqlca

http://crl2.netlock.hu/index.cgi?crl=cqlca

http://crl3.netlock.hu/index.cgi?crl=cqlca

PEM format:

```
-----BEGIN CERTIFICATE-----
MIIGPzCCBSegAwIBAgIOSnLC+BNG/yXKIuJoCbEwDQYJKoZIhvcNAQELBQAwgbkxCzAJBgNVBAYT
AkhVMREwDwYDVQQHDAhCdWRhcGVzdDEVMBMGA1UECgwMTmV0TG9jaiyBLZnQuMTcwNQYDVQQLDC5U
YW7DunPDrXR2w6FueWtpYWTDs2sgKENlcnRpZmljYXRpb24gU2VydmljZXMpMUcwRQYDVQQDDD5O
ZXRMb2NrIE1pbsWRc8OtdGV0dCBFYXQuIChDbGFzcyBRIExlZ2FsKSBUYW7DunPDrXR2w6FueWtp
YWTDszAeFw0xMjEwMTgxMTQ0MjBaFw0yNDA3MjcxMTQ0MjBaMIGUMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFTATBgNVBAoMDE5ldExvY2sgS2Z0LjE7MDkGA1UEAwwyTmV0TG9jayBN
aW7FkXPDrXRldHQgSWTFkWLDqWx5ZWcgU3pvbGfDoWx0YXTDsyBHMTAxHjAcBgkqhkiG9w0BCQEW
D2luZm9AbmV0bG9jay5odTCCASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAM7ts+OgvAn8
IiCsK9lLumAc7qg1AMJmCyXTyNXtyb2unShy6uwgCu5jpGEmMgPq0BwbWbOtEr9dqgYhWn1N2/wG
9Wb/moob04PEcXpGX7zJ3eCS7PjwqNkSL5rSlZrUVKaKGn0lq3mWfOQUcRpUJGnngf/OzFTihUxo
D55URuU3zxdXKAGJXFGaAGK65mqKoU6Eya7nWTPWVIxSh8yvtZpSkRoWin7Z36kXvGOd7MZpVqw5
bluINtOEHQzfzVc2q0x9KOlZLU4wBE9Q2srb5OxFpV2fp2/frFLadkaB8MGAxm8gDoLul3Mrcfgs
lEtZzTzj+8n+Zw8KzCs8+VL+5EECAwEeEa0CAmYwggJiMAwGA1UdEwEB/wQCMAAwDgYDVR0PAQH/
BAQDAgZAMBYGA1UdJQEB/wQMMAoGCCsGAQUFBwMIMB0GA1UdDgQWBBShvQJwhcc2rg83g4UChOcx
986LjjAfBgNVHSMEGDAWgBRkr4GKXDC4V2XaXaU9WG5HYkI0qzCBoQYDVR0fBIGZMIGWMDCgLqAs
hipodHRwOi8vY3JsMS5uZXRsb2NrLmh1L2luZGV4LmNnaT9jcmw9Y3FsY2EwMKAuoCyGKmh0dHA6
Ly9jcmwyLm5ldGxvY2suaHUvaW5kZXguY2dpP2NybD1jcWxjYTAwoC6gLIYqaHR0cDovL2NybDMu
bmV0bG9jay5odS9pbmRleC5jZ2k/Y3JsPWNxbGNhMIIBRAYIKwYBBQUHAQEEggE2MIIBMjAtBggr
BgEFBQcwAYYhaHR0cDovL29jc3AxLm5ldGxvY2suaHUvY3FsY2EuY2dpMC0GCCsGAQUFBzABhiFo
dHRwOi8vb2NzcDIubmV0bG9jay5odS9jcWxjYS5jZ2kwLQYIKwYBBQUHMAGGIWh0dHA6Ly9vY3Nw
My5uZXRsb2NrLmh1L2NxbGNhLmNnaTA1BggrBgEFBQcwAoYpaHR0cDovL2FpYTEubmV0bG9jay5o
dS9pbmRleC5jZ2k/Y2E9Y3FsY2EwNQYIKwYBBQUHMAKGKWh0dHA6Ly9haWEyLm5ldGxvY2suaHUv
aW5kZXguY2dpP2NhPTNhPWNxbGNhMDUGCCsGAQUFBzAChilodHRwOi8vYWlhMy5uZXRsb2NrLmh1L2lu
ZGV4LmNnaT9jYT1jcWxjYTANBgkqhkiG9w0BAQsFAAOCAQEAH3KaAaqtSrvKuSDB951Ui4+Rrl0B
8WAc37VDpls4kV40bqmcraXi8beVd7mbxtL+50mxZx1GMJ7oxwmHM4SVQV5YUUzHbRsnSkxN7k/7
sz9BRjgmQH/iov2x6tyD7a6ISHdRPq6fOgI+mloOOp0XwyA9311j6e/J4fYjUPKH92jEiahMjyr5
c/HuxzcNReoAFtmrSS0hxIimNbxF2Lubl571mKH1SDmYwSklwOiIo5u2CJnam7taoHnArVfqV1hh
Gs7iAacdwwZ2VneatAS+jTIfAtKrXxmOCiw2IoRVgA0Bhg2hxv1kPobU3YkWVJFFHKmebYhpbjb3
/lgJJaUesA==
-----END CERTIFICATE-----
```

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

> *In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.*

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

2.6.42.1. NetLock Minősített Időbélyeg Szolgáltató G10

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: NetLock Minősített Időbélyeg Szolgáltató G10

Hungarian: NetLock Minősített Időbélyeg Szolgáltató G10

Service digital identity: *Subject key identifier:*

A1 BD 02 70 85 C7 36 AE 0F 37 83 85 02 84 E7 31 F7 CE 8B 8E

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2012-10-18T11:44:20.000Z   (18 Oct 2012 13:44:20 CEST)

2.6.43. NetLock Minősített Időbélyeg Szolgáltató 4

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name:

English: NetLock Minősített Időbélyeg Szolgáltató 4

Hungarian: NetLock Minősített Időbélyeg Szolgáltató 4

Service digital identity: *Subject key identifier:*

8E 55 EE 06 4E 9A 1B 94 16 73 0E 35 0B 61 71 BA E8 64 9F E9

Service digital identity: *Version:*

3

Serial number:

1 509 990 661 386 615 959 872 274 722 353 156 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@netlock.hu,CN=NetLock Minősített Időbélyeg Szolgáltató 4,OU=Időbélyeg Szolgáltatók,O=NetLock Kft.,L=Budapest,C=HU

Issuer:

CN=NetLock Minősített Eat. (Class Q Legal) Tanúsítványkiadó,OU=Tanúsítványkiadók (Certification Services),O=NetLock Kft.,L=Budapest,C=HU

Subject key identifier:

8E 55 EE 06 4E 9A 1B 94 16 73 0E 35 0B 61 71 BA E8 64 9F E9

Authority key identifier:

64 AF 81 8A 5C 30 B8 57 65 DA 5D A5 3D 58 6E 47 62 42 34 AB

Valid from:

2015-10-20T20:07:36.000Z   (20 Oct 2015 22:07:36 CEST)

Valid to:

2024-07-24T20:07:36.000Z   (24 Jul 2024 22:07:36 CEST)

Key usage:

nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

A6:55:15:A5:1A:72:DE:0B:AB:AC:12:9B:CA:10:EC:1B:A1:07:78:EF

SHA-256:

63:F3:98:2C:0F:7B:BF:BF:98:B0:2E:3F:63:C7:FE:1A:5B:5D:2D:2D:0A:DF:95:91:71:9D:69:BE:FA:3C:ED:20

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100BAB6BB701280F7BEA72EEA22BA6D98AD3AEBE996BCF41871E15927D6F56C3FF0B7E38CF72281
F295B63F74DBE9E3DFFCF66D4F8590D6B67FAA8B2A5087DC312F45FE6AB15C50D56A92816383664FBDF0A91E243BEE
D886BA8C579054A0592E3DDA6756098AE413252A70FA1F9A790C353C35CEF05C4C11C79DE595AF98C670E841FE307F
054CA67D4C0E69DCFBD7A5E81C844E265CC1012BBA02F88E36B55ECD49EDA544C124EF9FD3E4D0AC3F2A8D530D3E43
E613F45B2DBDFFEC154A7B583FDDD0F2C854A6CE68878A25C711F8E80F5D5AA47059BE3DB1B489F37C57A3FC52F434
094F421F832C6139A881A132181778F20F08C969C9157D09630EC535EBED0203010001

Certificate policies:

not present

CRL distribution points:

http://crl1.netlock.hu/index.cgi?crl=cqlca

http://crl2.netlock.hu/index.cgi?crl=cqlca

http://crl3.netlock.hu/index.cgi?crl=cqlca

PEM format:

```
-----BEGIN CERTIFICATE-----
MIIGYjCCBUqgAwIBAgIOSnLC+DwxosaHlYAOcAQwDQYJKoZIhvcNAQELBQAwgbkxCzAJBgNVBAYT
AkhVMREwDwYDVQQHDAhCdWRhcGVzdDEVMBMGA1UECgwMTmV0TG9jay5aZnQuMTcwNQYDVQQLDC5U
YW7DunPDrXR2w6FueWtpYWTDs2sgKENlcnRpRpZmljYXRpb24gU2Vydml jZXMpMUcwRQYDVQQDDD5O
ZXRMb2NrIE1pbsWRc8OtdGV0dCBFYXQuIChDbGFzcyBRIExlZ2FsKSBUYW7DunPDrXR2w6FueWtp
YWTDszAeFw0xNTEwMjAyMDA3MzZaFw0yNDA3MjQyMDA3MzZaMIG3MQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFTATBgNVBAoMDE5ldExvY2sgS2Z0LjEjMCEGA1UECwwaSWTFkWLDqWx5
ZWcgU3pvbGfDoWx0YXTDs2sxOTA3BgNVBAMMME5ldExvY2sgTWluxZFzw6l0ZXR0IElkxZFiw6ls
eWVnIFN6b2xnww6FsdGF0w7MgNDEeMBwGCSqGSIb3DQEJARYPaW5mb0BuZXRsb2NrLmh1MIIBIjAN
BgkqhkiG9w0BAQEFAAOCAQ8AMIIBCgKCAQEAura7cBKA976nLuoium2YrTrr6Za89Bhx4Vkn1vVs
P/C344z3IoHylbY/dNvp49/89m1PhZDWtn+qiypQh9wxL0X+arFcUNVqkoFjg2ZPvfCpHiQ77tiG
uoxXkFSgWS492mdWCYrkEyUqcPofmnkMNTw1zvBcTBHHneWVr5jGcOhB/jB/BUymfUw0adz716Xo
HIROJlzBASu6AviONrVezUntpUTBJO+f0+TQrD8qjVMNPkPmE/RbLb3/7BVKe1g/3dDyyFSmzmiH
iiXHEfjoD11apHBZvj2xtInzfFej/FL0NAlPQh+DLGE5qIGhMhgXePIPCMlpyRV9CWMOxTXr7QID
AQABo4ICZjCCAmIwDAYDVR0TAQH/BAIwADAOBgNVHQ8BAf8EBAMCBkAwFgYDVR0lAQH/BAwwCgYI
KwYBBQUHAwgwHQYDVR0OBBYEFI5V7gZOmhuUFnMONQthcbroZJ/pMB8GA1UdIwQYMBaAFGSvgYpc
MLhXZdpdpT1YbkdiQjSrMIGhBgNVHR8EgZkwgZYwMKAuoCyGKmh0dHA6Ly9jcmwxLm5ldGxvY2su
aHUvaW5kZXguY2dpP2NybD1jcWxjYTAwoC6gLIYqaHR0cDovL2NybDIubmV0bG9jay5odS9pbmRl
eC5jZ2k/Y3JsPWNxbGNhMDCgLqAshipodHRwOi8vY3JsMy5uZXRsb2NrLmh1L2luZGV4LmNnaT9j
cmw9Y3FsY2EwggFEBggrBgEFBQcBAQSCATYwggEyMC0GCCsGAQUFBzABhiFodHRwOi8vb2NzcDEu
bmV0bG9jay5odS9jcWxjYS5jZ2kwLQYIKwYBBQUHMAGGIWh0dHA6Ly9vY3NwMi5uZXRsb2NrLmh1
L2NxbGNhLmNnaTAtBggrBgEFBQcwAYYhaHR0cDovL29jc3AzLm5ldGxvY2suaHUvY3FsY2EuY2dp
MDUGCCsGAQUFBzAChilodHRwOi8vYWlhMS5uZXRsb2NrLmh1L2luZGV4LmNnaT9jYT1jcWxjYTA1
BggrBgEFBQcwAoYpaHR0cDovL2FpYTIubmV0bG9jay5odS9pbmRleC5jZ2k/Y2E9Y3FsY2EwNQYI
KwYBBQUHMAKGKWh0dHA6Ly9haWEzLm5ldGxvY2suaHUvaW5kZXguY2dpP2NhPWNxbGNhMA0GCSqG
SIb3DQEBCwUAA4IBAQCL95m68HKa08yQBrkhW9YmJ2zSJmzYb6U6XTyojEFssVl9LHEG/YBBKSqr
gFpEKemyosHiqF0ojFSdklKbELarL/wMVb77zPIcQae6mDJl5CcKUZVi+CZ1Gp26Kf+n04jRizpB
NGbhZ5Np4R3Fod1POjoQiUif6PpWktpKXnVJjaVf90SIz7D31at7wCgalYj+bSGkKGAfdsDQx4ws
UnhFNIe/7PGawLZ1UVSlLFS0K8iyoYNh9xtclS36hwwX3IRUA7aCpj9hdBdixOONafsA8waZyahw
qwAnnv8KZjVcPyEAlkxCn4FsLjUGgFZVmEOGaccgmT7uyKnFz9TZEUMe
-----END CERTIFICATE-----
```

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

2.6.43.1. NetLock Minősített Időbélyeg Szolgáltató 4

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: NetLock Minősített Időbélyeg Szolgáltató 4

Hungarian: NetLock Minősített Időbélyeg Szolgáltató 4

Service digital identity: *Subject key identifier:*

8E 55 EE 06 4E 9A 1B 94 16 73 0E 35 0B 61 71 BA E8 64 9F E9

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2015-10-20T20:07:36.000Z   (20 Oct 2015 22:07:36 CEST)

2.6.44. NetLock Minősített Időbélyeg Szolgáltató 2

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: NetLock Minősített Időbélyeg Szolgáltató 2

Hungarian: NetLock Minősített Időbélyeg Szolgáltató 2

Service digital identity: *Subject key identifier:*

D8 66 7E 17 EB FA 72 D2 9A 27 B3 A8 64 D7 BA 72 F1 70 3B 8C

Service digital identity: *Version:*

3

Serial number:

1 509 990 661 386 632 662 610 625 874 456 121 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@netlock.hu,CN=NetLock Minősített Időbélyeg Szolgáltató 2,OU=Időbélyeg Szolgáltatók,O=NetLock Kft.,L=Budapest,C=HU

Issuer:

CN=NetLock Minősített Eat. (Class Q Legal) Tanúsítványkiadó,OU=Tanúsítványkiadók (Certification Services),O=NetLock Kft.,L=Budapest,C=HU

Subject key identifier:

D8 66 7E 17 EB FA 72 D2 9A 27 B3 A8 64 D7 BA 72 F1 70 3B 8C

Authority key identifier:

64 AF 81 8A 5C 30 B8 57 65 DA 5D A5 3D 58 6E 47 62 42 34 AB

Valid from:

2015-10-20T20:12:52.000Z   (20 Oct 2015 22:12:52 CEST)

Valid to:

2024-07-24T20:12:52.000Z   (24 Jul 2024 22:12:52 CEST)

Key usage:

nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

C7:C6:A1:11:82:75:7B:ED:F5:E7:4F:4B:57:83:18:DA:C9:E1:CC:7E

SHA-256:

E1:DD:69:00:F3:2E:50:18:1E:29:92:02:13:68:82:03:30:DF:93:61:8E:70:40:07:71:9A:D2:3A:2A:CD:FE:04

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100BF28DD36039DCD9B981EC0FFE1153311FF15C3FD22B8FE840B68BEFF2D98D2180E13FF0D0CA0
B61ACB630ACDDB853A32A26E3D7A20D61434F0896FD444378EA4CFD4B792FBD4B04C36F5ECFDFACC94E44A96287566
010C0DA7303FB076EF88D506768F6925927A02441F0D6F054C3A9B54D2985922EFF0534ACAB569DCFC1A4445C9A187
025A59B1F158775C1B052417F2F0496B80A7C50D546AB00AAAB0B26EA77E289BF2DFA385FE4A303388589EC902C604
A526E245D9E856318F8120950A7CA6AA87390DEBB072C666237DF8CECD612743B3631E39CF6CA616C82185FA44480B
16F271B8D5C50205E1D26C1B24CBE7C6450F0FB84958EF0F78B62903875B0203010001

Certificate policies:

not present

CRL distribution points:

http://crl1.netlock.hu/index.cgi?crl=cqlca

http://crl2.netlock.hu/index.cgi?crl=cqlca

http://crl3.netlock.hu/index.cgi?crl=cqlca

PEM format:

```
-----BEGIN CERTIFICATE-----
MIIGYjCCBUqgAwIBAgIOSnLC+DwyipKTnpTFbjkwDQYJKoZIhvcNAQELBQAwgbkxCzAJBgNVBAYT
AkhVMREwDwYDVQQHDAhCdWRhcGVzdDEVMBMGA1UECgwMTmV0TG9jayBLZnQuMTcwNQYDVQQLDC5U
YW7DunPDrXR2w6FueWtpYWTDs2sgKENlcnRpZmljYXRpb24gU2VydmljZXMpMUcwRQYDVQQDDD5O
ZXRMb2NrIEllpbsWRc8OtdGV0dCBFYXQuIChDbGFzcyBRIExlclZ2FsKSBUYW7DunPDrXR2w6FueWtp
YWTDszAeFw0xNTEwMjAyMDEyNTJaFw0yNDA3MjQyMDEyNTJaMIG3MQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFTATBgNVBAoMDE5ldExvY2sgS2Z0LjEjMCEGA1UECwwaSWTFkWLDqWx5
ZWcgU3pvbGdfDoWx0YXTDs2sxOTA3BgNVBAMMME5ldExvY2sgTWLuxZFzw610ZXR0IElkxZFiw6ls
eWVnIFN6b2xnw6FsdGF0w7MgMjEeMBwGCSqGSIb3DQEJARYPaW5mb0BuZXRsb2NrLmh1MIIBIjAN
BgkqhkiG9w0BAQEFAAOCAQ8AMIIBCgKCAQEAvyjdNgOdzZuYHsD/4RUzEf8Vw/0iuP6EC2i+/y2Y
0hgOE/8NDKC2GstjCs3bhToyom49eiDWFDTwiW/URDeOpM/Ut5L71LBMNvXs/frMlORKlih1ZgEM
DacwP7B274jVBnaPaSWSegJEHw1vBUw6m1TSmFki7/BTSsqladz8GkRFyaGHAlpZsfFYd1wbBSQX
8vBJa4CnxQlUarAKqrCybqd+KJvy360F/kowM4hYnskCxgSlJuJF2ehWMY+BIJUKfKaqhzkN67By
xmYjffjOzWEnQ7NjHjnPbKYWyCGF+kRICxbycbjVxQIF4dJsGyTL58ZFDw+4SVjvD3i2KQOHWwID
AQABo4ICZjCCAmIwDAYDVR0TAQH/BAIwADAOBgNVHQ8BAf8EBAMCBkAwFgYDVR0lAQH/BAwwCgYI
KwYBBQUHAwgwHQYDVR0OBBYEFNhmfhfr+nLSmiezqGTXunLxcDuMMB8GA1UdIwQYMBaAFGSvgYpc
MLhXZdpdpTlYbkdiQjSrMIGhBgNVHR8EgZkwgZYwMKAuoCyGKmh0dHA6Ly9jcmwxLm5ldGxvY2su
aHUvaW5kZXguY2dpP2NybD1jcWxjYTAwoC6gLIYqaHR0cDovL2NybDIubmV0bG9jay5odS9pbmRl
eC5jZ2k/Y3JsPWNxbGNhMDCgLqAshipodHRwOi8vY3JsMy5uZXRsb2NrLmh1L2luZGV4LmNnaT9j
cmw9Y3FsY2EwggFEBggrBgEFBQcBAQSCATYwggEyMC0GCCsGAQUFBzABhiFodHRwOi8vb2NzcDEu
bmV0bG9jay5odS9jcWxjjYS5jZ2kwLQYIKwYBBQUHMAGGIWh0dHA6Ly9vY3NwMi5uZXRsb2NrLmh1
L2NxbGNhLmNnaTAtBggrBgEFBQcwAYYhaHR0cDovL29jc3AzLm5ldGxvY2suaHUvY3FsY2EuY2dp
MDUGCCsGAQUFBzAChilodHRwOi8vYWlhMS5uZXRsb2NrLmh1L2luZGV4LmNnaT9jYT1jcWxjYTA1
BggrBgEFBQcwAoYpaHR0cDovL2FpYTIubmV0bG9jay5odS9pbmRleC5jZ2k/Y2E9Y3FsY2EwNQYI
KwYBBQUHMAKGKWh0dHA6Ly9haWEzLm5ldGxvY2suaHUvaW5kZXguY2dpP2NhPWNxbGNhMA0GCSqG
SIb3DQEBCwUAA4IBAQAopfZQgsB84dbq6ZnpSg3HL8HrYNmDAdHp8owfEowE1ZMINJqz8IrW5aMb
gH8kn76IPjt7adPul76p3sxfCm7UlFADrYcwIkdPvi5fMgp8mTaSehd9b4xD7Za7faxIm9Vvj3Eu
lf8rnTwVX+tgD1WnZeLB41P155QjFKehovV6z9U6lzwnFNSErhkhvcC8w56T4JLf0gNLsXttrSQd
YgHSDsSqYtLCFR3C59fLqqOOeiOUB7JTCAM6gZC70/S2cvp3t2kO8vmQI65iSpxJvNOz6noq5a7b
EesZauch9uJfXlni3wBNOqtMObVAhqZ2rQsTXnTk1w1tdYzFqN72plus
-----END CERTIFICATE-----
```

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

2.6.44.1. NetLock Minősített Időbélyeg Szolgáltató 2

```
Provider: 6
Service: 44
History: 1/1
```

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: NetLock Minősített Időbélyeg Szolgáltató 2

Hungarian: NetLock Minősített Időbélyeg Szolgáltató 2

Service digital identity: *Subject key identifier:*

D8 66 7E 17 EB FA 72 D2 9A 27 B3 A8 64 D7 BA 72 F1 70 3B 8C

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2015-10-20T20:12:52.000Z   (20 Oct 2015 22:12:52 CEST)

2.6.45. NetLock Minősített Időbélyeg Szolgáltató 1

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name: *English:* NetLock Minősített Időbélyeg Szolgáltató 1

Hungarian: NetLock Minősített Időbélyeg Szolgáltató 1

Service digital identity: *Subject key identifier:*

3A 62 2A FE DF B8 82 C0 BA 00 A4 4E 01 84 5E DF D8 9A C6 4B

Service digital identity: *Version:*

3

Serial number:

1 509 990 661 386 659 271 138 512 390 880 650 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@netlock.hu,CN=NetLock Minősített Időbélyeg Szolgáltató 1,OU=Időbélyeg Szolgáltatók,O=NetLock Kft.,L=Budapest,C=HU

Issuer:

CN=NetLock Minősített Eat. (Class Q Legal) Tanúsítványkiadó,OU=Tanúsítványkiadók (Certification Services),O=NetLock Kft.,L=Budapest,C=HU

Subject key identifier:

3A 62 2A FE DF B8 82 C0 BA 00 A4 4E 01 84 5E DF D8 9A C6 4B

Authority key identifier:

64 AF 81 8A 5C 30 B8 57 65 DA 5D A5 3D 58 6E 47 62 42 34 AB

Valid from:

2015-10-20T20:14:43.000Z   (20 Oct 2015 22:14:43 CEST)

Valid to:

2024-07-24T20:14:43.000Z   (24 Jul 2024 22:14:43 CEST)

Key usage:

nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

6E:F4:A0:2E:92:2B:35:6D:CB:A2:F8:72:6C:9F:82:CE:12:F8:B8:72

SHA-256:

FF:27:05:1A:4E:E8:88:5F:9A:45:F5:91:9B:19:5B:1E:DD:D7:98:F8:A4:04:15:91:8A:A8:04:51:DD:2D:95:47

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100BA978D96CEC5977A744ECB8630CACD0606C7170D07B0ACBB395B124ED6CEAFDF29A3B65C71B9
855A3ACA2895500C012D14311954CC89BD4E73811401DC436B229BF96469C6E2D4FB2E3DF6C0CFB45E85A28639C37F
40E2C29D6E1A25EB54E2CBBDDC760ECFAB6860A61F19A72605D649E77AEDF5AA723CED3A87F8F2336F3BCE65AB35DD
A833A9B367BF38D962E1DC3B05CD9A29A4D8EFC8039200057A3CE48F179352157CCA4C721B6D7A1AA07611DE321588
8D74855CC0CF13BAF44C3B8089767D6B9AA71653F5BEF48D1CC407C34FFC2A2DDBC9564E2184E64D3EC66E77A08C6B
801B9148C68DB3818B02DEA67EFBB75CD176DBEA6DF2368BC25D116D180B0203010001

Certificate policies:

not present

CRL distribution points:

http://crl1.netlock.hu/index.cgi?crl=cqlca

http://crl2.netlock.hu/index.cgi?crl=cqlca

http://crl3.netlock.hu/index.cgi?crl=cqlca

PEM format:

-----BEGIN CERTIFICATE-----
MIIGYjCCBUqgAwIBAgIOSnLC+Dwz+9cOwRSofYowDQYJKoZIhvcNAQELBQAwgbkxCzAJBgNVBAYT
AkhVMREwDwYDVQQHDAhCdWRhcGVzdDEVMBMGA1UECgwMTmV0TG9jayBLZnQuMTcwNQYDVQQLDC5U
YW7DunPDrXR2w6FueWtpYWTDs2sgKENlcnRpRpZmljYXRpb24gU2VydmljZXMpMUcwRQYDVQQDDD5O
ZXRMb2NrIE1pbsWRc8OtdGV0dCBFYXQuIChDbGFzcyBRIExlZ2FsKSBUYW7DunPDrXR2w6FueWtp
YWTDszAeFw0xNTEwMjAyMDE0NDNaFw0yNDA3MjQyMDE0NDNaMIG3MQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFTATBgNVBAoMDE5ldExvY2sgS2Z0LjEjMCEGA1UECwwaSWTFkWLDqWx5
ZWcgU3pvbGGfDoWx0YXTDs2sxOTA3BgNVBAMMME5ldExvY2sgTWluxZFzw610ZXR0IElkxZFiw6ls
eWVnIFN6b2xnw6FsdGF0w7MgMTEeMBwGCSqGSIb3DQEJARYPaW5mb0BuZXRsb2NrLmh1MIIBIjAN
BgkqhkiG9w0BAQEFAAOCAQ8AMIIBCgKCAQEAupeNls7Fl3p0TsuGMMrNBgbHFw0HsKy7OVsSTtbO
r98po7ZccbmFWjrKKJVQDAEtfDEZVMyJvU5zgRQB3ENrIpv5ZGnG4tT7Lj32wM+0XoWihjnDf0Di
wpluGiXrVOLLvdx2Ds+raGCmHxmnJgXWSed67fWqcjztOof48jNvO85lqzXdqDOps2e/ONli4dw7
Bc2aKaTY78gDkgAFejzkjxeTUhV8ykxyG2l6GqB2Ed4yFYiNdIVcwM8TuvRMO4CJdn1rmqcWU/W+
9I0cxAfDT/wqLdvJVk4hhOZNPsZud6CMa4AbkUjGjbOBiwLepn77t1zRdtvqbfI2i8JdEW0YCwID
AQABo4ICZjCCAmIwDAYDVR0TAQH/BAIwADAOBgNVHQ8BAf8EBAMCBkAwFgYDVR0lAQH/BAwwCgYI
KwYBBQUHAwgwHQYDVR0OBBYEFDpiKv7fuILAugCkTgGEXt/YmsZLMB8GA1UdIwQYMBaAFGSvgYpc
MLhXZdpdpTlYbkdiQjSrMIGhBgNVHR8EgZkwgZYwMKAuoCyGKmh0dHA6Ly9jcmwxLm5ldGxvY2su
aHUvaW5kZXguY2dpP2NybD1jcWxjYTAwoC6gLIYqaHR0cDovL2NybDIubmV0bG9jay5odS9pbmRl
eC5jZ2k/Y3JsPWNxbGNhMDCgLqAshipodHRwOi8vY3JsMy5uZXRsb2NrLmh1L2luZGV4LmNnaT9j
cmw9Y3FsY2EwggFEBggrBgEFBQcBAQSCATYwggEyMC0GCCsGAQUFBzABhiFodHRwOi8vb2NzcDEu
bmV0bG9jay5odS9jcWxjYS5jZ2kwLQYIKwYBBQUHMAGGIWh0dHA6Ly9vY3NwMi5uZXRsb2NrLmh1
L2NxbGNhLmNnaTAtBggrBgEFBQcwAYYhaHR0cDovL29jc3AzLm5ldGxvY2suaHUvY3FsY2EuY2dp
MDUGCCsGAQUFBzAChilodHRwOi8vWlhMS5uZXRsb2NrLmh1L2luZGV4LmNnaT9jYT1jcWxjYTA1
BggrBgEFBQcwAoYpaHR0cDovL2FpYTIubmV0bG9jay5odS9pbmRleC5jZ2k/Y2E9Y3FsY2EwNQYI
KwYBBQUHMAKGKWh0dHA6Ly9haWEzLm5ldGxvY2suaHUvaW5kZXguY2dpP2NhPWNxbGNhMA0GCSqG
SIb3DQEBCwUAA4IBAQAZ/sD49HDrZggtFUV9QQYOs4qm+gtVY/ujpSlJtiJquXwIbyXSXj/WhJmp
h2GD0x0Xfs+QfGzHWpmd0FQiK1hoMwctZ0ZqLV1nXoR9aVPZ7FaO05bbYloS47bS+1fCMfFs65UE
bhlmuYUmEQwQQJ7nHI4L9lj1vRUHZCvW2HI+RX9ufEO3SLNODH6nh7M2Woe2kdKZgcU1niD6az3f
mxfqCgsNvYGn8Js02StntDhaMtfKgdNCxON1grttlERzm4jfCrezKmZXgXtSbMFpZiLMkCUWb5j4
KTY2LBbVxdD570aIuuyCr75lgwWvaCngqJFir0yixrNhsaYA22BXsq6R
-----END CERTIFICATE-----

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

2.6.45.1. NetLock Minősített Időbélyeg Szolgáltató 1

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name:

English: NetLock Minősített Időbélyeg Szolgáltató 1

Hungarian: NetLock Minősített Időbélyeg Szolgáltató 1

Service digital identity: *Subject key identifier:*

3A 62 2A FE DF B8 82 C0 BA 00 A4 4E 01 84 5E DF D8 9A C6 4B

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2015-10-20T20:14:43.000Z   (20 Oct 2015 22:14:43 CEST)

2.6.46. NetLock Minősített Időbélyeg Szolgáltató 3

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name: *English:* NetLock Minősített Időbélyeg Szolgáltató 3

Hungarian: NetLock Minősített Időbélyeg Szolgáltató 3

Service digital identity: *Subject key identifier:*

0F 03 0E E5 E9 AB BB 21 D1 E5 38 E8 0C 1E F2 4D 98 B9 B1 34

Service digital identity: *Version:*

3

Serial number:

1 509 990 661 386 661 081 017 592 026 701 008 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=info@netlock.hu,CN=NetLock Minősített Időbélyeg Szolgáltató 3,OU=Időbélyeg Szolgáltatók,O=NetLock Kft.,L=Budapest,C=HU

Issuer:

CN=NetLock Minősített Eat. (Class Q Legal) Tanúsítványkiadó,OU=Tanúsítványkiadók (Certification Services),O=NetLock Kft.,L=Budapest,C=HU

Subject key identifier:

0F 03 0E E5 E9 AB BB 21 D1 E5 38 E8 0C 1E F2 4D 98 B9 B1 34

Authority key identifier:

64 AF 81 8A 5C 30 B8 57 65 DA 5D A5 3D 58 6E 47 62 42 34 AB

Valid from:

2015-10-20T20:16:29.000Z   (20 Oct 2015 22:16:29 CEST)

Valid to:

2024-07-24T20:16:29.000Z   (24 Jul 2024 22:16:29 CEST)

Key usage:

nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

CF:6E:F6:BA:C0:63:32:38:76:25:CC:41:06:0A:07:69:31:6F:E3:7E

SHA-256:

47:A8:B2:01:52:47:E5:A3:8D:BD:38:28:BD:B5:E6:5A:C0:BC:26:62:89:DC:D5:C5:86:D7:CA:08:F7:64:B4:87

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100C44415DF9756676C543824F4DE58CA3A10167EBED3996C6E437C2C730E85F21E9E7E9DD4241D
B5977D41102A3D7D025B69AC2CB1F1ED27E8A4A053D907377DE50E239CA49F55D54D161354508E4C7A9444DCAC6AD5
5FE23603F5DFA0B03E7CA6785A9D821AE556B7BE61DFD7B197C25EDDCDAB8D128B63258A694EC624EF3E38B1196DA8
26003D31EC287BFD79C27196B61FE9836A0DA448F8D6483591F00D5DA3A301CE186F726AD0125E3C7DF4D2E050C5B0
600AB56A86FBE4EC55CF558DCEC6C5379E94C01FEEDB198E6CE53AF8AC040231B1DFE1678D593AD5323EE417A7C06A
430D40F86A99403D42D69B96FE6409C7BF77EC10FE7BAA2B746008F513770203010001

Certificate policies:

not present

CRL distribution points:

http://crl1.netlock.hu/index.cgi?crl=cqlca

http://crl2.netlock.hu/index.cgi?crl=cqlca

http://crl3.netlock.hu/index.cgi?crl=cqlca

PEM format:

-----BEGIN CERTIFICATE-----
MIIGYjCCBUqgAwIBAgIOSnLC+Dw0FPUKMCDDHNAwDQYJKoZIhvcNAQELBQAwgbkxCzAJBgNVBAYT
AkhVMREwDwYDVQQHDAhCdWRhcGVzdDEVMBMGA1UECgwMTmV0TG9jayBLZnQuMTcwNQYDVQQLDC5U
YW7DunPDrXR2w6FueWtpYWTDs2sgKENlcnRpZmljYXRpb24gU2VydmljZXMpMUcwRQYDVQQDDD5O
ZXRMb2NrIE1pbsWRc8OtdGV0dCBFYXQuIChDbGFzcyBRIExlZ2FsKSBUYW7DunPDrXR2w6FueWtp
YWTDszAeFw0xNTEwMjAyMDE2MjlaFw0yNDA3MjQyMDE2MjlaMIG3MQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFTATBgNVBAoMDE5ldExvY2sgS2Z0LjEjMCEGA1UECwwaSWTFkWLDqWx5
ZWcgU3pvbGfDoWx0YXTDs2sxOTA3BgNVBAMMME5ldExvY2sgTWluxZFzw610ZXR0IElkxZFiw6ls
eWVnIFN6b2xnw6FsdGF0w7MgMzEeMBwGCSqGSIb3DQEJARYPaW5mb0BuZXRsb2NrLmh1MIIBIjAN
BgkqhkiG9w0BAQEFAAOCAQ8AMIIBCgKCAQEAxEQV35dWZ2xUOCT03ljKOhAWfr7TmWxuQ3wscw6F
8h6efp3UJB2ll31BECo9fQJbaawssfHtJ+ikoFPZBzd95Q4jnKSfVdVNFhNUUI5MepRE3Kxq1V/i
NgP136CwPnymeFqdghrlVre+Yd/XsZfCXt3Nq40Si2Mliml0xiTvPjixGW2oJgA9Mewoe/15wnGW
th/pg2oNpEj41kg1kfANXaOjAc4Yb3Jq0BJePH300uBQxbBgCrVqhvvk7FXPVY3OxsU3npTAH+7b
GY5s5Tr4rAQCMbHf4WeNWTrVMj7kF6fAakMNQPhqmUA9Qtablv5kCce/d+wQ/nuqK3RgCPUTdwID
AQABo4ICZjCCAmIwDAYDVR0TAQH/BAIwADAObgNVHQ8BAf8EBAMCBkAwFgYDVR0lAQH/BAwwCgYI
KwYBBQUHAwgwHQYDVR0OBBYEFA8DDuXpq7sh0eU46Awe8k2YubE0MB8GA1UdIwQYMBaAFGSvgYpc
MLhXZdpdpTlYbkdiQjSrMIGhBgNVHR8EgZkwgZYwMKAuoCyGKmh0dHA6Ly9jcmwxLm5ldGxvY2su
aHUvaW5kZXguY2dpP2NybD1jcWxjYTAwoC6gLIYqaHR0cDovL2NybDIubmV0bG9jay5odS9pbmRl
eC5jZ2k/Y3JsPWNxbGNhMDCgLqAshipodHRwOi8vY3JsMy5uZXRsb2NrLmh1L2luZGV4LmNnaT9j
cmw9Y3FsY2EwggFEBggrBgEFBQcBAQSCATYwggEyMC0GCCsGAQUFBzABhiFodHRwOi8vb2NzcDEu
bmV0bG9jay5odS9jcWxjjYS5jZ2kwLQYIKwYBBQUHMAGGIWh0dHA6Ly9YN3NwMi5uZXRsb2NrLmh1
L2NxbGNhLmNnaTAtBggrBgEFBQcwAYYhaHR0cDovL29jc3AzLm5ldGxvY2suaHUvY3FsY2EuY2dp
MDUGCCsGAQUFBzAChilodHRwOi8vYWlhMS5uZXRsb2NrLmh1L2luZGV4LmNnaT9jYT1jcWxjYTA1
BggrBgEFBQcwAoYpaHR0cDovL2FpYTIubmV0bG9jay5odS9pbmRleC5jZ2k/Y2E9Y3FsY2EwNQYI
KwYBBQUHMAKGKWh0dHA6Ly9haWEzLm5ldGxvY2suaHUvaW5kZXguY2dpP2NhPWNxbGNhMA0GCSqG
SIb3DQEBCwUAA4IBAQCL6DVCnuCFmys3cBvxOvXIhVYtWEevmkF4jMsMkHoB3U1hjViS8AhFBZMz
uw2HrzRlBzFwpmdh+jb8gK3MGDdyZtM82gDeojQ2L7WkqxYUeNOgHVAaJWxX6riBkfmMSGdy3KyK
OR4yEgWnSCckEUX3W4oRr7XhjGVSWGBUSwRFY/iCzML9vT0khYw0Rvp1CmkeTZO7vDGU5mNseLdR
rU4ondUz8DSizAUHlU2yalala9rF1IMjX2tu0xV/2wcZ3nQy0m4nIEeVSUN83k4sYecmm6g8blHp
SfQSf2KDk4uoRbMJb68j4I2q43uBNNz4T1P0EtAYLQNimMT//ppAwxhd
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

2.6.46.1. NetLock Minősített Időbélyeg Szolgáltató 3

Service type identifier:	http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: NetLock Minősített Időbélyeg Szolgáltató 3

Hungarian: NetLock Minősített Időbélyeg Szolgáltató 3

Service digital identity: *Subject key identifier:*

0F 03 0E E5 E9 AB BB 21 D1 E5 38 E8 0C 1E F2 4D 98 B9 B1 34

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2015-10-20T20:16:29.000Z   (20 Oct 2015 22:16:29 CEST)

2.6.47. NetLock Minősített Eat. (Class Q Legal) Tanúsítványkiadó

Provider: 6
Service: 47

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/TSS-AdESQCandQES

A time-stamping service, not qualified, as part of a service from a trust service provider that issues time-stamp tokens (TST) that can be used in the validation process of qualified signatures/seals or advanced signatures/seals supported by qualified certificates to ascertain and extend the signature/seal validity when the qualified certificate is (will be) revoked or expired (will expire).

Service name:

English: NetLock Minősített Eat. (Class Q Legal) Tanúsítványkiadó

Hungarian: NetLock Minősített Eat. (Class Q Legal) Tanúsítványkiadó

Service digital identity: *Subject key identifier:*

64 AF 81 8A 5C 30 B8 57 65 DA 5D A5 3D 58 6E 47 62 42 34 AB

Service digital identity: *Version:*

3

Serial number:

80 544 274 841 623 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

CN=NetLock Minősített Eat. (Class Q Legal) Tanúsítványkiadó,OU=Tanúsítványkiadók (Certification Services),O=NetLock Kft.,L=Budapest,C=HU

Issuer:

CN=NetLock Arany (Class Gold) Főtanúsítvány,OU=Tanúsítványkiadók (Certification Services),O=NetLock Kft.,L=Budapest,C=HU

Subject key identifier:

64 AF 81 8A 5C 30 B8 57 65 DA 5D A5 3D 58 6E 47 62 42 34 AB

Authority key identifier:

CC FA 67 93 F0 B6 B8 D0 A5 C0 1E F3 53 FD 8C 53 DF 83 D7 96

Valid from:

2009-07-31T10:51:20.000Z   (31 Jul 2009 12:51:20 CEST)

Valid to:

2024-10-15T10:51:20.000Z   (15 Oct 2024 12:51:20 CEST)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = 4

Thumbprint:

SHA-1:

5D:C4:62:76:3A:50:6F:1A:0A:7C:D3:E3:31:94:18:F4:9F:58:00:D1

SHA-256:

62:84:A0:3B:AF:AE:86:1A:30:E3:A2:5A:03:04:28:30:6F:7E:B5:2B:D0:BA:57:7A:1D:96:2A:80:9A:83:0C:9E

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100B319F6B4DB31039FCC2178BD5D92E9386271E453BA16C68178D9A78FF24BFB9585082EB62FD2
79DC856B8938A4FCE868D2DEA6FDD66BC2B32A9C8262D1FFFDB278A5B8E4326C9B9E0B663944F6C1DD8A247CC87688
160FF5AA39636F4DF7806CDEF71DC98961502968A18ACA85A317A3B1D55892A603A26DE40F668FF30661B101E83728
16878B15797177259110B0DDC0E9CF6D4C9ABB62A4C73D5A7C35E2CEF27F02CE9E4989F0B12108B74512D64C1B6273
21055FCAC7DB21A861E53B20E4E9B21FF9FF73E8957B9E08D88C8D226923D94C3DB3EE69C00EDB1B01EDE553091CAE
EE18FE7A36F6ECFB7A3FEB5802C392CD6E6FD65A5A572CF3508F7932205B0203008FFF

Certificate policies:

not present

CRL distribution points:

http://crl1.netlock.hu/index.cgi?crl=gold

http://crl2.netlock.hu/index.cgi?crl=gold

http://crl3.netlock.hu/index.cgi?crl=gold

PEM format:

-----BEGIN CERTIFICATE-----
MIIGLzCCBRegAwIBAgIGSUEs5AAXMA0GCSqGSIb3DQEBCwUAMIGnMQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFTATBgNVBAoMDE5ldExvY2sgS2Z0LjE3MDUGA1UECwwuVGFuw7pzw610
dsOhbnlraWFkw7NrIChDZXJ0aWZpY2F0aW9uIFNlcnZpY2VzKTE1MDMGA1UEAwwsTmV0TG9jayBB
cmFueSAoQ2xhc3MgR29sZCkgRsWRdGFuw7pzw610dsOhbnkwHhcNMDkwNzMxMTA1MTIwWhcNMjQx
MDE1MTA1MTIwWjCBuTELMAkGA1UEBhMCSFUxETAPBgNVBAcMCEJ1ZGFwZXN0MRUwEwYDVQQKDAxO
ZXRMb2NrIEtmdC4xNzA1BgNVBAsMLlRhbsO6c8OtdHbDoW55a2lhZMOzayAoQ2VydGlmaWNhdGlv
biBTZXJ2aWNlcykxRzBFBgNVBAMMPk5ldExvY2sgTWluxZFzw610ZXR0IEVhdC4gKENsYXNzIFEg
TGVnYWwpIFRhbsO6c8OtdHbDoW55a2lhZMOzMIIBIjANBgkqhkiG9w0BAQEFAAOCAQ8AMIIBCgKC
AQEAsxn2tNsxA5/MIXi9XZLpOGJx5FO6FsaBeNmnj/JL+5WFCC62L9J53IVriTik/Oho0t6m/dZr
wrMqnIJi0f/9snilu0QybJueC2Y5RPbB3YokfMh2iBYP9ao5Y29N94Bs3vcdyYlhUClooYrKhaMX
o7HVWJKmA6Jt5A9mj/MGYbEB6DcoFoeLFXlxdyWRELDdwOnPbUyau2Kkxz1afDXizvJ/As6eSYnw
sSEIt0US1kwbYnMhBV/Kx9shqGHlOyDk6bIf+f9z6JV7ngjYjI0iaSPZTD2z7mnADtsbAe3lUwkc
ru4Y/no29uz7ej/rWALDks1ub9ZaWlcs81CPeTIgWwIDAI//o4ICSzCCAkcwEgYDVR0TAQH/BAgw
BgEB/wIBBDA0BgNVHQ8BAf8EBAMCAQYwHwYDVR0jBBgwFoAUzPpnk/C2uNClwB7zU/2MU9+D15Yw
HQYDVR0OBBYEFGSvgYpcMLhXZdpdpT1YbkdiQjSrMIIBPgYIKwYBBQUHAQEEggEwMIIBLDAsBggr
BgEFBQcwAYYgaHR0cDovL29jc3AxLm5ldGxvY2suaHUvZ29sZC5jZ2kwLAYIKwYBBQUHMAGGIGh0
dHA6Ly9vY3NwMi5uZXRsb2NrLmh1L2dvbGQuY2dpMCwGCCsGAQUFBzABhiBodHRwOi8vb2NzcDMu
bmV0bG9jay5odS9nb2xkLmNnaTA0BggrBgEFBQcwAoYoaHR0cDovL2FpYTEubmV0bG9jay5odS9p
bmRleC5jZ2k/Y2E9Z29sZDA0BggrBgEFBQcwAoYoaHR0cDovL2FpYTIubmV0bG9jay5odS9pbmRl
eC5jZ2k/Y2E9Z29sZDA0BggrBgEFBQcwAoYoaHR0cDovL2FpYTMubmV0bG9jay5odS9pbmRleC5j
Z2k/Y2E9Z29sZDCBngYDVR0fBIGWMIGTMC+gLaArhilodHRwOi8vY3JsMS5uZXRsb2NrLmh1L2lu
ZGV4LmNnaT9jcmw9Z29sZDAvoC2gK4YpaHR0cDovL2NybDIubmV0bG9jay5odS9pbmRleC5jZ2k/
Y3JsPWdvbGQwL6AtoCuGKWh0dHA6Ly9jcmwzLm5ldGxvY2suaHUvaW5kZXguY2dpP2NybD1nb2xk
MA0GCSqGSIb3DQEBCwUAA4IBAQCCv7y9R8LoL772iPT89zCqKjLzjoWjVhKNkwd6x/0n83QWYKvj
wMozBYvJppUoY4/gaOXL7Mes1qmYMYqWgc6yfXeg5imU3ZY6QjCYejoQMjwaPGL0cmPhFa5iILRn
B5o2EDQ+sYgvlpik+w2kF34ap/qEEQ9tjrL7uoWJB+aTXhLdWY4iVCE3QnAo8PEVzlghxbLocuLd
9fR/r0+aF6tqFwtUFeDuapFFui+WXIh9jtTkmIgKRlEv5kILFvKMMHLBnGscexkV8OZg1tgfkbL4
awRmjwoDVBaL8gNpQnVpZccyg+bUBme5ljKXJ+8FXmvRDiggo6bwr65oJSMoXenY
-----END CERTIFICATE-----

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/recognisedatnationallevel

For trust services listed under a service type specified in clause 5.5.1.2: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved" status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in Regulation (EU) No 910/2014 and the applicable national legislation.

For NationalRootCA-QC type: The service is set by national law in accordance with the applicable European legislation and operated by the responsible national body issuing root-signing or qualified certificates to accredited trust service providers.

For other trust services listed under a service type specified in clause 5.5.1.3: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved"status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in the applicable national legislation.

Status starting time:	2016-06-30T22:00:00.000Z (01 Jul 2016 00:00:00 CEST)
Service information extensions:	*Extension 1/1, non-critical:*

<tsl:AdditionalServiceInformation xmlns:tsl="http://uri.etsi.org/02231/v2#">
<tsl:URI
xml:lang="en">http://www.nmhh.hu/tl/ServiceStatus/QualifiedatNationalLevel</t
sl:URI>
</tsl:AdditionalServiceInformation>

Status starting time:	
Service information extensions:	*Extension 1/1, non-critical:*

<tsl:AdditionalServiceInformation xmlns:tsl="http://uri.etsi.org/02231/v2#">
<tsl:URI
xml:lang="en">http://www.nmhh.hu/tl/ServiceStatus/QualifiedatNationalLevel</t
sl:URI>

2.6.48. Netlock Kft. Minősített Archiválás SHA256 (*)

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/Archiv

> *An Archival service.*

Service name:

English: Netlock Kft. Minősített Archiválás SHA256 (*)

Hungarian: Netlock Kft. Minősített Archiválás SHA256 (*)

Service digital identity: *Subject key identifier:*

47 78 4C A4 30 C5 F9 2C 1D 90 6E 52 1B 2D CD 96 D6 2F B2 86

Service digital identity: *Version:*

3

Serial number:

81 856 757 760 033 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

EMAILADDRESS=varga.viktor@netlock.hu,CN=Netlock Kft. Minősített
Archiválás SHA256 (*),OU=Minősített archiválás szolgáltatás,O=NETLOCK
Kft.,L=Budapest,C=HU

Issuer:

CN=NetLock Minősített Eat. (Class Q Legal)
Tanúsítványkiadó,OU=Tanúsítványkiadók (Certification Services),O=NetLock
Kft.,L=Budapest,C=HU

Subject key identifier:

47 78 4C A4 30 C5 F9 2C 1D 90 6E 52 1B 2D CD 96 D6 2F B2 86

Authority key identifier:

64 AF 81 8A 5C 30 B8 57 65 DA 5D A5 3D 58 6E 47 62 42 34 AB

Valid from:

2010-12-08T18:52:50.000Z   (08 Dec 2010 19:52:50 CET)

Valid to:

2012-12-07T18:52:50.000Z   (07 Dec 2012 19:52:50 CET)

Key usage:

nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

50:0F:40:43:51:53:93:42:46:55:70:E7:92:E5:FA:7F:9A:F5:86:E4

SHA-256:

5B:CA:21:76:D2:56:A1:22:F0:D9:BF:50:D9:C8:2D:2C:C3:7A:2B:DB:0A:AA:13:C7:5C:73:8E:90:15:FF:94:74

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100C585A8A6B8F223643A9BB4459A220704C1628FB49757503BCC27986FD90F48978C4EF99C5ED3
518BAE137E4C48079DDB3E6CD0F30D6459A5BDEDE752BC9D7747750163B50F5D9E9861A4D0D700D424DA77706A8EEC
6E03D071029D3583C4AB02F93CE7E678955D5E8C7226ED09963E0F0A073966A51F56703B615987954786070C34BF86
5FF6479C92933DA956B87AED9D34B43BC614C3305CD8397F3A4D4D33B1C003F9D9DB0F68CE32A4DA958614D1371C26
C9D907348C72CD8A831D10DC9B164369807AEBDA073E5C441F861350A32BE39EA4874484FEDEB619BCDA1D1D6D14DF
91240F64F66ED1636D8BCCA1D80D72C1839C73FB27CBE7266944B2142B1D020300AB4D

Certificate policies:

1.3.6.1.4.1.3555.1.15.20100922

cPSuri = http://www.netlock.hu/docs/

userNotice = Minősített tanúsítvány, regisztrációkor a személyes megjelenés
kötelezõ. Szolgáltatási szabályzat: http://www.netlock.hu/docs/

CRL distribution points:

http://crl1.netlock.hu/index.cgi?crl=cqlca
http://crl2.netlock.hu/index.cgi?crl=cqlca
http://crl3.netlock.hu/index.cgi?crl=cqlca

PEM format:

-----BEGIN CERTIFICATE-----
MIIHsDCCBpigAwIBAgIGSnLC+AAhMA0GCSqGSIb3DQEBCwUAMIG5MQswCQYDVQQGEwJIVTERMA8G
A1UEBwwIQnVkYXBlc3QxFTATBgNVBAoMDE5ldExvY2sgS2Z0LjE3MDUGA1UECwwuVGFuw7pzw610
ds0hbnlraWFkw7NrIChDZXJ0aWZpY2F0aW9uIFNlcnZpY2VzKTFHMEUGA1UEAww+TmV0TG9jayBN
aW7FkXPDrXRldHQgRWF0LiAoQ2xhc3MgUSBMZWdhbCkgVGFuw7pzw610ds0hbnlraWFkw7MwHhcN
MTAxMjA4MTg1MjUwWhcNMTIxMjA3MTg1MjUwWjCBzjELMAkGA1UEBhMCSFUxETAPBgNVBAcMCEJ1
ZGFwZXN0MRUwEwYDVQQKDAxORVRMT0NLIEtmdC4xMTAvBgNVBAsMKE1pbsWRc8OtdGV0dCBhcmNo
aXbDoWzDoXMgc3pvbGfDoWx0YXTDoXMxOjA4BgNVBAMMMU5ldGxvY2sgS2Z0LiBNaW7FkXPDrXRl
dHQgQXJjaGl2w6Fsw6FzIFNIQTI1NiAoKikxJjAkBgkqhkiG9w0BCQEWF3zhcmdhLnZpa3RvckBu
ZXRsb2NrLmh1MIIBIjANBgkqhkiG9w0BAQEFAAOCAQ8AMIIBCgKCAQEAxYWoprjyI2Q6m7RFmiIH
BMFij7SXV1A7zCeYb9kPSJeMTvmcXtNRi64TfkxIB53bPmzQ8w1kWaW97edSvJl3R3UBY7UPXZ6Y
YaTQlwDUJNp3cGqO7G4D0HECnTWDxKsC+Tzn5niVXV6McibtCZY+DwoH0WalH1ZwO2FZh5VHhgcM
NL+GX/ZHnJKTPalWuHrtnTS008YUwzBc2Dl/Ok1NM7HAA/nZ2w9ozjKk2pWGFNE3HCbJ2QcOjHLN
ioMdENybFkNpgHrr2gc+XEQfhhNQoyvjnqSHRIT+3rYZvNodHW0U35EkD2T2btFjbYvModgNcsGD
nHP7J8vnJmlEshQrHQIDAKtNo4IDpTCCA6EwDAYDVR0TAQH/BAIwADAOBgNVHQ8BAf8EBAMCBkAw
RgYIKwYBBQUHAQMEOjA4MAgGBgQAjkYBATAVBgYEAI5GAQIwCxMDSFVGAgEFAgEGMAsGBgQAjkYB
AwIBCjAIBgYEAI5GAQQwgegGA1UdIASB4DCB3TCB2gYNKwYBBAGbYwEPicruOjCByDAnBggrBgEF
BQcCARYbaHR0cDovL3d3dy5uZXRsb2NrLmh1L2RvY3MvMIGCBggrBgEFBQcCAjCBjwyBjE1pbsWR
c80tdGV0dCB0YW7DunPDrXR2w6FueSwgcmVnaXN6dHLDoWNpw7Nrb3IgYSBzemVtw6lseWVzIGll
Z2plbGVuw6lzIGvDtnRlbGV6w7UuIFN6b2xnw6FsdGF0w6FzaSBzemFiw6FseXphdDogaHR0cDov
L3d3dy5uZXRsb2NrLmh1L2RvY3MvMB0GA1UdDgQWBBRHeEykMMX5LB2QblIbLc2W1i+yhjAfBgNV
HSMEGDAWgBRkr4GKXDC4V2XaXaU9WG5HYkI0qzCCAUQGCCsGAQUFBwEBBIIBNjCCATIwLQYIKwYB
BQUHMAGGIWh0dHA6Ly9vY3NwMS5uZXRsb2NrLmh1L2NxbGNhLmNnaTAtBggrBgEFBQcwAYYhaHR0
cDovL29jc3AyLm5ldGxvY2suaHUvY3FsY2EuY2dpMC0GCCsGAQUFBzABhiFodHRwOi8vb2NzcDMu
bmV0bG9jay5odS9jcWxjYS5jZ2kwNQYIKwYBBQUHMAKGKWh0dHA6Ly9haWExLm5ldGxvY2suaHUv
aW5kZXguY2dpP2NhPWNxbGNhMDUGCCsGAQUFBzAChilodHRwOi8vYWlhMi5uZXRsb2NrLmh1L2lu
ZGV4LmNnaT9jYT1jcWxjYTA1BggrBgEFBQcwAoYpaHR0cDovL2FpYTMubmV0bG9jay5odS9pbmRl
eC5jZ2k/Y2E9Y3FsY2EwgaEGA1UdHwSBmTCBljAwoC6gLIYqaHR0cDovL2NybDEubmV0bG9jay5o
dS9pbmRleC5jZ2k/Y3JsPWNxbGNhMDCgLqAshipodHRwOi8vY3JsMi5uZXRsb2NrLmh1L2luZGV4
LmNnaT9jcmw9Y3FsY2EwMKAuoCyGKmh0dHA6Ly9jcmwzLm5ldGxvY2suaHUvaW5kZXguY2dpP2Ny
bD1jcWxjYTAiBgNVHREEGzAZgRd2YXJnYS52aWt0b3JAbmV0bG9jay5odTANBgkqhkiG9w0BAQsF
AAOCAQEAI8Fo4o9qwg3asqmN+yWIkUh4Ldwbc4s/o+u0oEQvVs3zDqgiBF24HlEjyYxrD2tywBHs
EjfEBTZckJPFzVci8zS0WyYdWQR+VqUKxoZyMwWIHBlEaV23Yaz+63vFp+EHBK6ht/XXgHJy8g8e
UIOhdV29VitAgVujw0hgMIj9Mud3jN1z8ZUsO7POwNaeqHAOzus7HAALyPSkdKnt6ifxwIdZuFu+
L+WJ9TntXSafpGJHV+V6D09cZp7WHLtN01joI5Na4rb7ZFtsLR76H//Iuo7yN6lhCiryKPy3Qd8Y
MroqrdC86F6NUZ63JR9rGGf+L4J97/id5bvGfQmkBz7qAg==
-----END CERTIFICATE-----

Service status:	http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/recognisedatnationallevel

For trust services listed under a service type specified in clause 5.5.1.2: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved" status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in Regulation (EU) No 910/2014 and the applicable national legislation.

For NationalRootCA-QC type: The service is set by national law in accordance with the applicable European legislation and operated by the responsible national body issuing root-signing or qualified certificates to accredited trust service providers.

For other trust services listed under a service type specified in clause 5.5.1.3: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved"status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in the applicable national legislation.

Status starting time:	2016-06-30T22:00:00.000Z (01 Jul 2016 00:00:00 CEST)
Service supply points:	https://archivalas.netlock.hu/
TSP service definition URI:	*Hungarian:* https://archivalas.netlock.hu/ *English:* https://archivalas.netlock.hu/

Service information extensions:

Extension 1/1, non-critical:

<tsl:AdditionalServiceInformation xmlns:tsl="http://uri.etsi.org/02231/v2#">
<tsl:URI
xml:lang="en">http://www.nmhh.hu/tl/ServiceStatus/QualifiedatNationalLevel</tsl:URI>
</tsl:AdditionalServiceInformation>

2.6.48.1. Netlock Kft. Minősített Archiválás SHA256 (*)

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/Archiv

> *An Archival service.*

Service name: *English:* Netlock Kft. Minősített Archiválás SHA256 (*)

Hungarian: Netlock Kft. Minősített Archiválás SHA256 (*)

Service digital identity: *Subject key identifier:*

47 78 4C A4 30 C5 F9 2C 1D 90 6E 52 1B 2D CD 96 D6 2F B2 86

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2010-12-08T18:52:50.000Z   (08 Dec 2010 19:52:50 CET)

2.7. Digitoll Information Technology and Servicing Ltd.

TSP name:	*English:*	Digitoll Information Technology and Servicing Ltd.
	Hungarian:	Digitoll Informatikai és Szolgáltató Kft.
TSP trade name:	*English:*	Digitoll Ltd.
	Hungarian:	Digitoll Kft.
	English:	VATHU-13563277

TSP address:

Postal address (English):

Street address:	POB 11.
Locality:	Budapest
Postal code:	1775
Country name:	HU

Electronic address

English:	mailto:digitoll@digitoll.co.hu
Hungarian:	http://www.digitoll.co.hu
English:	http://www.digitoll.co.hu

TSP information URI:

English:
http://ds.digitoll.co.hu/doc/aszf_1_3_6_1_4_1_24206_2_16_3.pdf

Hungarian:
http://ds.digitoll.co.hu/doc/aszf_1_3_6_1_4_1_24206_2_16_3.pdf

English:
http://ds.digitoll.co.hu/doc/ir_1_3_6_1_4_1_24206_3_16_1.pdf

Hungarian:
http://ds.digitoll.co.hu/doc/ir_1_3_6_1_4_1_24206_3_16_1.pdf

English:
http://ds.digitoll.co.hu/doc/cps_1_3_6_1_4_1_24206_2_16_1.pdf

Hungarian:
http://ds.digitoll.co.hu/doc/cps_1_3_6_1_4_1_24206_2_16_1.pdf

English:
http://ds.digitoll.co.hu/doc/cp_1_3_6_1_4_1_24206_2_16_2.pdf

Hungarian:
http://ds.digitoll.co.hu/doc/cp_1_3_6_1_4_1_24206_2_16_2.pdf

2.7.1. Digitoll Fokozott CA v1.1

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

> *A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.*

Service name:

English: Digitoll Fokozott CA v1.1

Hungarian: Digitoll Fokozott CA v1.1

Service digital identity: *Subject key identifier:*

41 70 5F 96 01 8E 33 2F 3D 5C 2E 94 88 12 D0 6F 04 B4 2B 36

Service digital identity: *Version:*

3

Serial number:

1 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

CN=Digitoll Fokozott CA v1.1,O=Digitoll Kft.,C=HU

Issuer:

CN=Digitoll Fokozott CA v1.1,O=Digitoll Kft.,C=HU

Subject key identifier:

41 70 5F 96 01 8E 33 2F 3D 5C 2E 94 88 12 D0 6F 04 B4 2B 36

Authority key identifier:

41 70 5F 96 01 8E 33 2F 3D 5C 2E 94 88 12 D0 6F 04 B4 2B 36

Valid from:

2011-06-30T14:06:51.000Z   (30 Jun 2011 16:06:51 CEST)

Valid to:

2026-06-30T14:06:51.000Z   (30 Jun 2026 16:06:51 CEST)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = no limit

Thumbprint:

SHA-1:

E3:E5:AE:F8:59:9A:07:AB:55:0A:19:85:31:CF:BB:3A:36:EA:95:FD

SHA-256:

76:5B:27:1C:5E:01:9C:01:5B:7A:D3:E8:F6:10:30:E8:E5:11:25:FF:28:6E:3D:68:C1:54:F0:CF:81:AF:AC:7D

Public key:

Algorithm, key length:

RSA, 4096

Key value:

3082020A0282020100F613B70802DD4779BF0A092F6092D78075418B9EC02331E76B900EC1B17A0954D29CA42E8AB2
E3DE6725D820BFA05167B4C9A9640C025C24B2ACAA411AB970DFA3FE46CF9ED88D3CDB8B3261022F282F146FA3EAA8
0D7AEA4CF5EAC683B99D03FBD680C29BA766D5278AE3B51B0F04265BE9C466A78A28CBC9DC0405D17DDCF584DE58BE
4C0287AFC9F37F60CC84533F2EC50FF99C890CFCADE4F6972F65A6D611138D2794BEACC517158E00D2A0180F604A3D
A214641DEC602FA844200A1D73993CA51A4A0228DB40F095F220966ADB8F7E730159CC0440C9DFDD973EC961E21938
EE5DF048B6806817B9BA632BA50496EB306613982CA63C6C525FE9E21EDD24E80F9244CEED6C414A56DB000BCB1015
871AA85D7F915C571B5E4AD3803E491272CDFA6D13342A13B7C406B8F10ABD574F7618290E92C7DFC718581990A799
B8B4494443E8D4898D0C2CEC86B42FE862EFA5A37295577CFAE372C737C385130282106AC4DAF233D33D1305B11DD6
9A7031EADFBD2D5C97CB02490652891889EBB4188CBE7CE091DBDA2D0D1623C8E1AFB446005FFB2A2850B34FAFF7C9
531F9174C9C03887B7E21247EED038BA9808F07C0B863F0F900E5C8D3013A15CEB7402E213B3005D9C268EB445305A
3506CBEF24D2920BFAF6CCA4D00B49B9ADA010791D0DDA5359EF88FC47201E53F7429396EC2EA4FFF64EE933B6F78F
4F0FCFAF0203010001

Certificate policies:

1.3.6.1.4.1.24206.2.16.2

cPSuri = http://ds.digitoll.co.hu/doc/cp_1_3_6_1_4_1_24206_2_16_2.pdf

CRL distribution points:

http://pki.digitoll.co.hu/pki/crls/rootca_adv.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIGZjCCBE6gAwIBAgIBATANBgkqhkiG9w0BAQsFADBJMQswCQYDVQQGEwJIVTEWMBQGA1UECgwN
RGlnaXRvbGwgS2Z0LjEiMCAGA1UEAwwZRGlnaXRvbGwgRm9rb3pvdHQgQ0EgdjEuMTAeFw0xMTA2
MzAxNDA2NTFaFw0yNjA2MzAxNDA6NTFaMEkxCzAJBgNVBAYTAkhVMRYwFAYDVQQKDA1EaWdpdG9s
bCBLZnQuMSIwIAYDVQQDDBlEaWdpdG9sbCBGb2tvem90dCBDQSB2MS4xMIICIjANBgkqhkiG9w0B
AQEFAAOCAg8AMIICCgKCAgEA9h03CALdR3m/CgkvYJLXgHVBi57AIzHna5AOwbF6CVTSnKQuirLj
3mcl2CC/oFFntMmpZAwCXCSyrKpBGrlw36P+Rs+e2I0824syYQIvKC8Ub6PqqA166kz16saDuZ0D
+9aAwpunZtUniuO1Gw8EJlvpxGaniijLydwEBdF93PWE3li+TAKHr8nzf2DMhFM/LsUP+ZyJDPyt
5PaXL2Wm1hETjSeUvqzFFxwOANKgGA9gSj2iFGQd7GAvqEQgCh1zmTylGkoCKNtA8JXyIJZq249+
cwFZzARAyd/dlz7JYeIZOO5d8Ei2gGgXubpjK6UEluswZhOYLKY8bFJf6eIe3SToD5JEzu1sQUpW
2wALyxAVhxqoXX+RXFcbXkrTgD5JEnLN+m0TNCoTt8QGuPEKvVdPdhgpDpLH38cYWBmQp5m4tElE
Q+jUiY0MLOyGtC/oYu+lo3KVV3z643LHN80FEwKCEGrE2vIz0z0TBbEd1ppwMerfvS1cl8sCSQZS
iRiJ67QYjL584JHb2i0NFiPI4a+0RgBf+yooULNPr/fJUx+RdMnAOIe34hJH7tA4upgI8HwLhj8P
kA5cjTAToVzrdALiE7MAXZwmjrRFMFolBsvvJNKSC/r2zKTQC0m5raAQeR0N2lNZ74j8RyAeU/dC
k5bsLqT/9k7pM7b3j08Pz68CAwEAAaOCAVcwggFTMA8GA1UdEwEB/wQFMAMBAf8wDgYDVR0PAQH/
BAQDAgEGMB0GA1UdDgQWBBRBcF+WAY4zLz1cLpSIEtBvBLQrNjAfBgNVHSMEGDAWgBRBcF+WAY4z
Lz1cLpSIEtBvBLQrNjAiBgNVHREEGzAZgRdkaWdpdG9sbEBkaWdpdG9sbC5jby5odTAiBgNVHRIE
GzAZgRdkaWdpdG9sbEBkaWdpdG9sbC5jby5odTBCBgNVHR8EOzA5MDegNaAzhjFodHRwOi8vcGtp
LmRpZ2l0b2xsLmNvLmh1L3BraS9jcmxzL3Jvb3RjYV9hZHYuY3JsMGQGA1UdIARdMFswWQYLKwYB
BAGBvQ4CEAIwSjBIBggrBgEFBQcCARY8aHR0cDovL2RzLmRpZ2l0b2xsLmNvLmh1L2RvYy9jcF8x
XzNfNl8xXzRfMV8yNDIwNl8yXzE2XzIucGRmMA0GCSqGSIb3DQEBCwUAA4ICAQC+divAYDKJGhb+
ySuSnd4wRdh5/gO2lkaE2dEILyJ7xpPX+iKfjyJSSOAhX+oEs1zfXHdTA0bjGdLgAP/w9qWZz+kv
/43RByH9dhj5p6C/lDshwrfP83VEytZhnkJ/zkbLHNUxA+iNuMTvayMer5oswjIkw2WWKgElkqQd
lxI0z9msEAl4HqqCbtSb2nrhmnnRDADOe8w++84mqGSdpe6PSyDc6lYdKeHP7rh7baxvMbKQJl0S
ylBqaiq07C790BQENgYEaAYlufWDKC4Duouj74OxlvMfSiNsnXob0Mxgbk/lCW4WjFHW4adnHw2L
Hhj1MgqU9337NYXRGngYc4Aj40OEtTLhdBzpWY+QdwBjQT5T3YoME0Uv9iKqkIP7Pc1jFZkR61UH
pBIVjsRZvAA0KuQOUFD5OartTrQZd24Uy3wbkGZPiV9c1vatme0nErtaLEUl/S69put7K9qtFXq+
kIpEqA+ToZv2p6ZmxhEr/62voHW40CzBvwQ4oIOsS8gaorKC/oB9y/QnphtLtNzyluXvpNwo0Kpp
dqx18IcM9ljdnFP7xXH3ARj/hY0fEQWAjOPnXiOUPYBPd9t/lXflHdxa5qvZ+0C5uABbL7pXZcwF
SNrFY27/Yaxez3SBGmIivbnZGW4/osyrhmWuQXfhL2THITIOm4dM/CwFsJ6w2A==
-----END CERTIFICATE-----

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/recognisedatnationallevel

For trust services listed under a service type specified in clause 5.5.1.2: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved" status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in Regulation (EU) No 910/2014 and the applicable national legislation.
For NationalRootCA-QC type: The service is set by national law in accordance with the applicable European legislation and operated by the responsible national body issuing root-signing or qualified certificates to accredited trust service providers.
For other trust services listed under a service type specified in clause 5.5.1.3: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved"status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in the applicable national legislation.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: http://pki.digitoll.co.hu/pki/crls/rootca_adv.crl

2.7.1.1. Digitoll Fokozott CA v1.1

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

> *A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.*

Service name:

English: Digitoll Fokozott CA v1.1

Hungarian: Digitoll Fokozott CA v1.1

Service digital identity: *Subject key identifier:*

41 70 5F 96 01 8E 33 2F 3D 5C 2E 94 88 12 D0 6F 04 B4 2B 36

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2011-07-13T10:00:00.000Z   (13 Jul 2011 12:00:00 CEST)

2.7.2. Digitoll Fokozott TSA v1.1

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA

> *A time-stamping generation service, not qualified, creating and signing time-stamps tokens.*

Service name:

    English: Digitoll Fokozott TSA v1.1

    Hungarian: Digitoll Fokozott TSA v1.1

Service digital identity: *Subject key identifier:*

08 E3 41 55 DD 29 81 BA F2 9A C8 0A 05 AA 17 8E 46 D8 18 82

Service digital identity: *Version:*

3

Serial number:

141 719 252 673 566 535 281 065 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

CN=Digitoll Fokozott TSA v1.1,OU=Digitoll PKI,O=Digitoll Kft.,L=Budapest,C=HU

Issuer:

CN=Digitoll Fokozott CA v1.1,O=Digitoll Kft.,C=HU

Subject key identifier:

08 E3 41 55 DD 29 81 BA F2 9A C8 0A 05 AA 17 8E 46 D8 18 82

Authority key identifier:

keyIdentifier:

41 70 5F 96 01 8E 33 2F 3D 5C 2E 94 88 12 D0 6F 04 B4 2B 36

authorityCertIssuer:

directoryName: CN=Digitoll Fokozott CA v1.1, O=Digitoll Kft., C=HU

authorityCertSerialNumber:

1 (decimal)

Valid from:

2011-07-01T08:50:56.000Z   (01 Jul 2011 10:50:56 CEST)

Valid to:

2013-07-01T08:50:00.000Z   (01 Jul 2013 10:50:00 CEST)

Key usage:

nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

EA:92:0D:0E:D0:6E:E2:46:73:B6:E8:78:81:A8:C3:BF:60:0C:2A:C4

SHA-256:

A3:66:A2:7A:0D:96:B1:4A:F0:4C:A7:DC:B3:D4:2A:91:45:0E:59:97:94:A6:01:EC:14:CD:3E:60:09:1B:6C:D8

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100D02775F51525A0E8F632EA0F3BEFF90CB5AC7ECECB6B60965CE21994FF6D246B40FAC0E96D53
7B666F53AAED8567BABB191DE9DDE2AF6F26F72D2BA46DD23FEA13873218C9AA8E14ABBE83711DD3930CFF06DF3D06
7BD3D3840BA804481F3DB4EA9C5871AC79E8BEC6B33ADFC78F2ED819D9FF742F15655ECDD45B90944923A6F8643180
26AD24200B078505F29CFFFFABCD9AF4A11DB3C4B5069C17D35BDFE663722C18748C5838D487558F647E624578FA66
A597BD88F05F38C21CAE385237B6683F5C47E22450CF92CA2DAD3B897FA232E1F389AB478A70E14FAC43E6EED4A7B4
EFD7263493ECA2EE83C034B3BA7FE3F061E6BEF3DD6F80865E5CBB93EDB30203010001

Certificate policies:

1.3.6.1.4.1.24206.2.16.2

cPSuri = http://ds.digitoll.co.hu/doc/cp_1_3_6_1_4_1_24206_2_16_2.pdf

CRL distribution points:

http://pki.digitoll.co.hu/pki/crls/rootca_adv.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIGATCCA+mgAwIBAgIKHgKdt4XT4XNpqTANBgkqhkiG9w0BAQsFADBJMQswCQYDVQQGEwJIVTEW
MBQGA1UECgwNRGlnaXRvbGwgS2Z0LjEiMCAGA1UEAwwZRGlnaXRvbGwgRm9rb3pvdHQgQ0EgdjEu
MTAeFw0xMTA3MDEwODUwNTZaFw0xMzA3MDEwODUwMDBaMHQxCzAJBgNVBAYTAkhVMREwDwYDVQQH
DAhCdWRhcGVzdDEWMBQGA1UECgwNRGlnaXRvbGwgS2Z0LjEVMBMGA1UECwwMRGlnaXRvbGwgUEtJ
MSMwIQYDVQQDDBpEaWdpdG9sbCBGb2tvem90dCBUU0EgdjEuMTCCASIwDQYJKoZIhvcNAQEBBQAD
ggEPADCCAQoCggEBANAndfUVJaDo9jLqDzvv+Qy1rH70y2tgllziGZT/bSRrQPrA6W1Te2ZvU6rt
hWe6uxkd6d3ir28m9y0rpG3SP+oThzIYyaqOFKu+g3Ed05MM/wbfPQZ7090EC6gESB89tOqcWHGs
eei+xrM638ePLtgZ2f90LxVlXs3UW5CUSSOm+GQxgCatJCALB4UF8pz//6vNmvShHbPEtQacF9Nb
3+ZjciwYdIxYONSHVY9kfmJFePpmpZe9iPBfOMIcrjhSN7ZoPlxH4iRQz5LKLa07iX+iMuHziatH
inDhT6xD5u7Up7Tv1yY0k+yi7oPANLO6f+PwYea+891vgIZeXLuT7bMCAwEAAaOCAb4wggG6MAwG
A1UdEwEB/wQCMAAwDgYDVR0PAQH/BAQDAgZAMB0GA1UdDgQWBBQI40FV3SmBuvKayAoFqheORtgY
gjBxBgNVHSMEajBogBRBcF+WAY4zLz1cLpSIEtBvBLQrNqFNpEswSTELMAkGA1UEBhMCSFUxFjAU
BgNVBAoMDURpZ2l0b2xsIEtmdC4xIjAgBgNVBAMMGURpZ2l0b2xsIEZva296b3R0IENBIHYxLjGC
AQEwIgYDVR0RBBswGYEXZGlnaXRvbGgxAZGlnaXRvbGguУ28uaHUwIgYDVR0SBBswGYEXZGlnaXRv
bGxAZGlnaXRvbGguУ28uaHUwFgYDVR0lAQH/BAwwCgYIKwYBBQUHAwgwQgYDVR0fBDswOTA3oDWg
M4YxaHR0cDovL3BraS5kaWdpdG9sbC5jby5odS9wa2kvY3JJscy9yb290Y2ФfYWR2LmNybDBkBgNV
HSAEXTBbMFkGCysGAQQBgb0OAhACMEowSAYIKwYBBQUHAgEWPGh0dHA6Ly9kcy5kaWdpdG9sbC5j
by5odS9kb2MvY3BfMV8zXzZfMV80XzFfMjQyMDZfMl8xNl8yLnBkZjANBgkqhkiG9w0BAQsFAAOC
AgEAcMEO9TTkOMYsEE/x41fyzLwD69Pd+MXjLEns6UNaP8oRVX1bbHQL0w5zSo5S1bN4B5M7Yt0e
wF2HIwBv0eSeFb2WI5Nax2hBT8BVdlr/6Pujbxg1Pald5lkykpGJRtucbDu6QAKlmWTrSGWNPFUt
RzZcfkhXszDNTnoff67qgtiHikhlIzb4Pu4IMT4hJbGGQBaBLbrsiy1F4a50m2A0FnoqRVyRfXQT
r2sg3YIzYbb0VvHiONtidqKh3cQPtrR0NhHUzWBe/x/G8KFjaVHz2S7K0590X/dhaNtZfKPcHTs4
uvhBxn3sNF4VtI2offL4yb7aJ0tGhxoknrMbQGVDCqt3/iAV24eYNpuQHhWLPrYgLl780NCruub3
MGtKU5MUiaypMPV7SNjv1poIyJIDE0N70E2gvEMWGn2NRP4Mg+GhGN51QJ/jmrhwDo6jhCmv9wlH
15Cd1gZZczPa8AsVcqFjQyb/9YFattitqGZoWdQzAhQKMWcYMt6Yharyhx6TssGlyVhyiWEFY+zI
A0hdYfF/EOL4K6O/SFZq8VNIO8xOcQpcuvTwFPeTae4JWIzU0U3W0AtDMYr+3ss5J5m98BNlUavf
yugZwCrahZLyrvaVMik44kKMh0cmtcNFViiVrWX0wyRe+vbfLuZsIEUPIIzTFdmCllkVNjou+k7p
NTc=
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/recognisedatnationallevel

For trust services listed under a service type specified in clause 5.5.1.2: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved" status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in Regulation (EU) No 910/2014 and the applicable national legislation.

For NationalRootCA-QC type: The service is set by national law in accordance with the applicable European legislation and operated by the responsible national body issuing root-signing or qualified certificates to accredited trust service providers.

For other trust services listed under a service type specified in clause 5.5.1.3: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved"status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in the applicable national legislation.

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: https://pki.digitoll.co.hu/tsa

Service supply points: https://pki.digitoll.co.hu/tsa

2.7.2.1. Digitoll Fokozott TSA v1.1

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA

> *A time-stamping generation service, not qualified, creating and signing time-stamps tokens.*

Service name:

English: Digitoll Fokozott TSA v1.1

Hungarian: Digitoll Fokozott TSA v1.1

Service digital identity: *Subject key identifier:*

08 E3 41 55 DD 29 81 BA F2 9A C8 0A 05 AA 17 8E 46 D8 18 82

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2011-07-13T10:00:00.000Z   (13 Jul 2011 12:00:00 CEST)

2.8. NISZ National Infocommunications Services Company Limited by Shares

TSP name:	*English:*	NISZ National Infocommunications Services Company Limited by Shares
	Hungarian:	NISZ Nemzeti Infokommunikációs Szolgáltató Zártkörűen Működő Részvénytársaság
TSP trade name:	*English:*	NISZ National Infocommunications Services Company Limited by Shares
	Hungarian:	NISZ Nemzeti Infokommunikációs Szolgáltató Zrt.
	English:	VATHU-10585560

TSP address:

Postal address (English):

Street address:	Pf.: 133.
Locality:	Budapest
Postal code:	1389
Country name:	HU

Electronic address

Hungarian:	http://hiteles.gov.hu
English:	mailto:info@hiteles.gov.hu
English:	http://hiteles.gov.hu/?lang=en

TSP information URI: *English:*
http://hiteles.gov.hu/?lang=en

Hungarian:
http://hiteles.gov.hu

2.8.1. Minősített Tanúsítványkiadó v2 - GOV CA

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/QC

> *A qualified certificate issuing trust service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services, and under which are provided the relevant and related revocation and certificate validity status information services (e.g. CRLs, OCSP responses) in accordance with EU Directive 1999/93/EC or with Regulation (EU) No 910/2014 whichever is in force at the time of provision. This may also include generation and/or management of the associated private keys on behalf of the certified entity.*

Service name:

English: Minősített Tanúsítványkiadó v2 - GOV CA

Hungarian: Minősített Tanúsítványkiadó v2 - GOV CA

Service digital identity: *Subject key identifier:*

F4 A3 3B 8F 29 7A 31 28 CF 6B C8 86 F8 26 A8 CB DD 27 88 80

Service digital identity: *Version:*

3

Serial number:

6 697 533 090 985 774 204 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

CN=Minősített Tanúsítványkiadó v2 - GOV CA,O=NISZ Nemzeti Infokommunikációs Szolgáltató Zrt.,L=Budapest,C=HU

Issuer:

CN=Főtanúsítványkiadó - Kormányzati Hitelesítés Szolgáltató,O=NISZ Nemzeti Infokommunikációs Szolgáltató Zrt.,L=Budapest,C=HU

Subject key identifier:

F4 A3 3B 8F 29 7A 31 28 CF 6B C8 86 F8 26 A8 CB DD 27 88 80

Authority key identifier:

D5 A8 51 0E 79 30 72 5E B4 AC 16 0D D3 B5 EB EA C1 4B DC 3A

Valid from:

2014-01-22T09:24:19.000Z   (22 Jan 2014 10:24:19 CET)

Valid to:

2029-01-22T09:24:19.000Z   (22 Jan 2029 10:24:19 CET)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = 3

Thumbprint:

SHA-1:

70:A3:C0:14:66:80:66:DE:D9:87:1D:3E:58:4D:5D:4C:A4:D7:CA:31

SHA-256:

F9:88:55:03:EF:87:A3:0F:9E:95:DF:F5:3B:B0:AF:31:B0:88:DF:0F:20:E1:4D:EE:B9:C9:EF:62:D4:52:D8:88

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A02820101009E31209C284857F12D299B81E22F47E91FA9DCBC38FC6D2EDF169D39A5BC7C916B2932B54264
8FA47FAA60E54D9092085E7E43904A7183864F173A846A0F550D501A3FACCAB0083A194DF8CFAD145466EA2C5259DD
A3E30F688B9B2E58FE06BEBD8A280C4B5FC0AEFAB83116060C8CA6CCDEB2F3096474AF2C35C2C08ADB2F821839110D
1D69BFB2241AD7B2F44FE4A405A497AFD5CC9481C5B5C3718D5163547414ACA9DAF08C96EDD423A894B0A5ACD6CA64
AE26260B55C78E47C84D751C7E79C45138FC09106E7BF54036371EEEC4CE64195140EDAA3DF3B21328C4B0EB3F4FE0
9373E57C4F641079907B935BEE750CD1E1A34826E345D0B576659FB427430203010001

Certificate policies:

0.2.216.1.200.1100.100.42.3.1.5.1

cPSuri = http://hiteles.gov.hu/szabalyzatok

userNotice = Ez a NISZ Zrt. minősített szolgáltatói tanúsítványa, értelmezéséhez és elfogadásához a vonatkozó szolgáltatási szabályzat (HSZSZ-M) szerint kell eljárni. További információk: http://hiteles.gov.hu

CRL distribution points:

http://qca.hiteles.gov.hu/crl/GOVCA-ROOT.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIH4jCCBcqgAwIBAgIIXPJq3HehjHwwDQYJKoZIhvcNAQELBQAwgasxCzAJBgNVBAYTAkhVMREw
DwYDVQQHDAhCdWRhcGVzdDE8MDoGA1UECgwzTklTWiBOZW16ZXRpIEluZm9yb2ltdW5pa8p28OhY2nD
s3MgU3pvbGfDoWx0YXTDsyBacnQuMUswSQYDVQQDDEJGxZF0YW7DunPDrXR2w6FueWtpYWTDsyAt
IEtvcm3DoW55emF0aSBIaXRlbGGVzw610w6lzIFN6b2xnw6FsdGF0w7MwHhcNMTQwMTIyMDkyNDE5
WhcNMjkwMTIyMDkyNDE5WjCBljELMAkGA1UEBhMCSFUxETAPBgNVBAcMCEJ1ZGFwZXN0MTwwOgYD
VQQKDDNOSVNaIE5lbXpldGkgSW5mb2tvbW11bmlrw6FjaoOzcyBTem9sZ80hbHRhdMOzIFpydC4x
NjA0BgNVBAMMLU1pbsWRc80tdGV0dCBUYW7DunPDrXR2w6FueWtpYWTDsyB2MiAtIEdPViBDQTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAJ4xIJwoSFfxLSmbgeIvR+kfqdy80PxtLt8W
nTmlvHyRaykytUJkj6R/qmDlTZCSCF5+Q5BKcY0GTxc6hGoPVQlQGj+syrAIOhlN+M+tFFRm6ixS
Wd2j4w9oi5suWP4Gvr2KKAxLX8Cu+rgxFgYMjKbM3rLzCWR0ryw1wsCK2y+CGDkRDR1pv7IkGtey
9E/kpAWkl6/VzJSBxbXDcY1RY1R0FKyp2vCMlu3UI6iUsKWs1spkriYmC1XHjkfITXUcfnnEUTj8
CRBue/VANjce7sTOZBlRQO2qPf0yEyjEsOs/T+CTc+V8T2QQeZB7k1vudQzR4aNIJuNF0LV2ZZ+0
J0MCAwEAAaOCAxswggMXMHsGCCsGAQUFBwEBBG8wbTA4BggrBgEFBQcwAoYsaHR0cDovL3FjYS5o
aXRlbGVzLmdvdi5odS9jZXJ0L09QV09V0EtUk9PVC5jZXIwMQYIKwYBBQUHMAGGJWh0dHA6Ly9xb2Nz
cC5oaXRlbGVzLmdvdi5odS9vY3NwLXJlc3BvHQYDVDR00BBYEFPSj048pejEoz2vIHvgmqMvdJ4iA
MBIGA1UdEwEB/wQIMAYBAf8CAQMwHwYDVR0jBBgwFoAU1ahRDnkwcl60rBYN07Xr6sFL3DowggHz
BgNVHSAEggHqMIIB5jCCAeIGDgKBWAGBSIhMZCoDAQUBMIIBzjAuBggrBgEFBQcCARYiaHR0cDov
L2hpdGVsZXMuZ292Lmh1L3N6YWJhbGl6YXRvazCCAZoGCCsGAQUFBwICMIIBjB6CAYgARQB6ACAA
YQAgAE4ASQBTAFoAIABaAHIAdAAuACAAbQBpAG4BUQBzAO0AdABlAHQAdAAgAHMAegBvAGwAZwDh
AGwAdABhAHQAQA8wBpACAAdABhAG4A+gBzAO0AdAB2AO0AbABvAGAAQBzAGEALAAgAOkAcgB0AUABtAGUA
egDpAHMA6QBoAGUAegAgAOkAcwAgAGUAbBmAG8AZwBhAGQA4QBzAOEAaABvAIABhACAAdgBv
AG4AYQB0AGsAbwB6AOPMAIABzAHoAbwBsAGcA4QBsAHQA4QBzAOEAcwBpACAAcwB6AGEAYgDhAGwA
eQB6AGEAdAAgAGAgASABTAFoAUwBaAC0ATQApACAAcwB6AGUAcgBpAG4AdAAgAGsAZQBsAGwAIABl
AGwAagDhAHIAbgBpAC44AIABUAG8AdABhAGIAYgBpACAAaQBuAGYAbwByAG0A4QBjAGkA8wBrADoA
IABoAHQAdABwADoALwAvAGgAaQB0AGUAbABlAHMALgBnAG8AdgAuAGgAdTA9BgNVHR8ENjA0MDKg
MKAuhixodHRwOi8vcWNhLmhpdGVsZXMuZ292Lmh1L2NybC9HT1ZDQS1ST09ULmNybDAOBgNVHQ8B
Af8EBAMCAQYwDQYJKoZIhvcNAQELBQADggIBACs2ig3mrhrfY8xXYFtPzKrFl1/6F2b2n4daG8xr
yng/VCgALoAGUuHVGlllsw5JG0AMzbevc0aeVNHbizIqdKHPtVyqWB/U15t4dU+ZqVNUN3ClbzHo
kQZQAyfoKA4ceYjC0zlAho5GfqH1etBtmEhZ7hHrd5MU4a6v6MLBKJQaTahMcu8TPGci+RRfhhZL
yHDLfNcq+IKA1kgv6GBFoeGJFYKCAfxZWswAi9yS2oMXcZwBrphMReQS44/qktdxgjez4EgK4HW9
xFkclaAU747qokkYe0YtZyNxKFUgQkIEyqT0yjGbyVfZDWXawIYou1mbDvWUi/Tk4NR0MZhHco+z
vZKQVLxADf1f5uoStcpfU/5nPBU8xwPoAe/ZtxTQNmTHwx+cRP5kLY5tExKLEUkGiQH1s4atk6Hd
d7ip63PLUGthSgv1Xp/tevU4uaE5tp3Gl5YbIv7LNukEmPOzB9wRfXj7V/mPdGCLKE5Z07wsxpOP
Qg0Uzfr2JJlqapcWZdQTvH2phh90XVH3XoryoCzqKNNlH692uc5TorY68IOm5m6Z1CR3I6LUnYfN
j9Ucks7ib9BV+fNkM5MfjiwVpwi4f+8iRYl06gK5CyVfpSTDFxpzU82RLCuzXrpB2lORXdWlxsef
33L4s46mU0a/8BfbQKDOwY9Z0umZHZi9YT8T
-----END CERTIFICATE-----

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/granted

Following ex ante and active approval activities, in compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted a qualified status: - to the corresponding trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and - to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: http://qca.hiteles.gov.hu/crl/GOVCA-Qv2.crl

Service information *extensions:*	

Extension 1/2, non-critical:

<tsl:AdditionalServiceInformation
xmlns:tsl="http://uri.etsi.org/02231/v2#"><tsl:URI
xml:lang="en">http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/ForeSignatures
</tsl:URI></tsl:AdditionalServiceInformation>

Extension 2/2, critical:

Qualifier:

http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/NotQualified

> *It is ensured by the CSP, and supervised by the Member State Supervisory Body*
> *that all certificates issued under the service identified in 'Service digital*
> *identity' (clause 5.5.3) and further identified by the filters information used*
> *to further identify under the 'Sdi' identified trust service that precise set*
> *of certificates are not to be considered as qualified certificates.*
> *This value shall not be used if the service type is not*
> *http://uri.etsi.org/TrstSvc/Svctype/CA/QC.*

CriteriaList assert="atLeastOne":

Policy Set:

Identifier: urn:oid:0.2.216.1.200.1100.100.42.3.1.2

2.8.1.1. Minősített Tanúsítványkiadó v2 - GOV CA

Provider: 8
Service: 1
History: 1/1

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/QC

A qualified certificate issuing trust service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services, and under which are provided the relevant and related revocation and certificate validity status information services (e.g. CRLs, OCSP responses) in accordance with EU Directive 1999/93/EC or with Regulation (EU) No 910/2014 whichever is in force at the time of provision. This may also include generation and/or management of the associated private keys on behalf of the certified entity.

Service name:

English: Minősített Tanúsítványkiadó v2 - GOV CA

Hungarian: Minősített Tanúsítványkiadó v2 - GOV CA

Service digital identity: *Subject key identifier:*

F4 A3 3B 8F 29 7A 31 28 CF 6B C8 86 F8 26 A8 CB DD 27 88 80

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2014-01-22T09:24:19.000Z   (22 Jan 2014 10:24:19 CET)

2.8.2. Minősített Közigazgatási Tanúsítványkiadó - GOV CA

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/QC

A qualified certificate issuing trust service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services, and under which are provided the relevant and related revocation and certificate validity status information services (e.g. CRLs, OCSP responses) in accordance with EU Directive 1999/93/EC or with Regulation (EU) No 910/2014 whichever is in force at the time of provision. This may also include generation and/or management of the associated private keys on behalf of the certified entity.

Service name:

English: Minősített Közigazgatási Tanúsítványkiadó - GOV CA

Hungarian: Minősített Közigazgatási Tanúsítványkiadó - GOV CA

Service digital identity: *Subject key identifier:*

23 50 B8 37 C7 0C 4E FF 57 81 5C 9B 2C E6 D8 A6 58 3F C0 D1

Service digital identity: *Version:*

3

Serial number:

1 132 238 913 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

CN=Minősített Közigazgatási Tanúsítványkiadó - GOV CA,O=NISZ Nemzeti Infokommunikációs Szolgáltató Zrt.,L=Budapest,C=HU

Issuer:

CN=KGYHSZ (Public Administration Root CA - Hungary),C=hu

Subject key identifier:

23 50 B8 37 C7 0C 4E FF 57 81 5C 9B 2C E6 D8 A6 58 3F C0 D1

Authority key identifier:

FC 9C E6 C6 B0 0A EA 1F D7 FA 7E 2E 20 05 68 5C 07 4A C2 E2

Valid from:

2014-03-20T09:34:06.000Z   (20 Mar 2014 10:34:06 CET)

Valid to:

2024-03-20T10:04:06.000Z   (20 Mar 2024 11:04:06 CET)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = 0

Thumbprint:

SHA-1:

E1:73:75:F1:FB:0A:0F:40:0D:E7:32:82:BC:42:7F:7C:75:24:DA:A9

SHA-256:

1D:CB:52:FE:7C:FC:B5:C6:C5:6E:13:3E:52:D7:AA:38:F4:13:AE:79:FF:F0:F4:32:5D:A8:78:05:12:94:D2:6D

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A02820101009E0D0AFF2C2EDA64126BA23DC3D832BA2B3A6892ACFFCA891839F47CEF13BDD95F8DDF7DEDED
6A757AC4617B830CB3261DC285F857304C9A30A41394C3840D99EDA28DEAAA9BE59D2C68930242C890FEDA2F0E3237
37F1AE54789A66676358974FDEDC48F9288152B6623423043A91AF49A526CE076108E7AE120DA60CBBE943CAB13F8F
1FE369C7917BA813D738036A4989007FCA1944EC7D55589A9D167B682342E3FC8D2068B8B4815FDA6C76A8007E073C
A429256834F3AC643D53D9F577101550DDF5A8B9EE524EBC56E484A8DDAAFD03B11F361B7377BDD42EA50E7749C375
E37811BF1B90822CA71F29DEF578F984721549AF68FB17C0C91E049DE9BD0203010001

Certificate policies:

0.2.216.1.100.42.1.200.2

cPSuri = http://cp.kgyhsz.gov.hu

userNotice = A hitelesítés-szolgáltató jogosult közigazgatási felhasználásra
szolgáló, hatóságok által használt aláíráshoz tartozó tanúsítványok kibocsátására.
Minden felelősség kizárva a hitelesítési rendben foglaltak szerint.

CRL distribution points:

http://crl.kgyhsz.gov.hu/KGYHSZ_CA_20091210.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIGvDCCBaSgAwIBAgIEQ3yYQTANBgkqhkiG9w0BAQsFADBIMQswCQYDVQQGEwJodTE5MDcGA1UE
AwwwS0dZSFNaIChQdWJsawMgQWRtaW5pc3RyYXRpb24gUm9vdCBDQSAtIEh1bmdhcnkpMB4XDTE0
MDMyMDA5MzQwNloXDTI0MDMyMDEwMDQwNlowgaMxCzAJBgNVBAYTAkhVMREwDwYDVQQHDAhCdWRh
cGVzdDE8MDoGA1UECgwzTklTWiBOZW16ZXRpEluZm9rb21tdW5pa2FjacZsdA5OhY2nDs3MgU3pvbGfDoWx0
YXTDsyBacnQuMUMwQQYDVQQDDDpNaW7FkXPDrXRldHQgS8O2emlnYXpnYXTDoXNpIFRhbs06c8Ot
dHbDoW55a2lhZMOzIC0gR09WIENBMIIBIjANBgkqhkiG9w0BAQEFAAOCAQ8AMIIBCgKCAQEAng0K
/ywu2mQSa6I9w9gyuis6aJKs/8qJGDn0fO8Tvdlfjd997e1qdXrEYXuDDLMmHcKF+FcwTJowpBOU
w4QNme2ijeqqm+WdLGiTAkLIkP7aLw4yNzfxrlR4mmZnY1iXT97cSPkogVK2YjQjBDqRr0mlJs4H
YQjnrhINpgy76UPKsT+PH+Npx5F7qBPXOANqSYkAf8oZROx9VVianRZ7aCNC4/yNIGi4tIFf2mx2
qAB+BzykKSVoNPOsZD1T2fV3EBVQ3fWoue5STrxW5ISo3ar9A7EfNhtzd73ULqU0d0nDdeN4Eb8b
kIIspx8p3vV4+YRyFUmvaPsXwMkeBJ3pvQIDAQABo4IDUDCCA0wwDgYDVR0PAQH/BAQDAgEGMBIG
A1UdEwEB/wQIMAYBAf8CAQAwggIIBgNVHSAEggH/MIIB+zCCAfcGCgKBWAFkKgGBSAIwggHnMCMG
CCsGAQUFBwIBFhdodHRwOi8vY3Aua2d5aHN6Lmdvdi5odTCCAb4GCCsGAQUFBwICMIIBsB6CAawA
QQAgAGgAaQB0AGUAbABlAHMA7QB0AOkAcwAtAHMAegBvAGwAZwDhAGwAdABhAHQA8wAgAGoAbwBn
AG8AcwB1AGwAdAAgAGsAm6A9gB6AGkAZwBhAHoAZwBhAHQA4QBzAGkAIABmAGUAbABoAGEAcwBG4AG4A
4QBsAOEAcwByAGEAIABzAHoAbwBsAGcA4QBsAPMALAAgAGgAYQB0APMAcvDhAGcAbwBrACAA4QBs
AHQAYQBsACAAAABhAHMAegBuAOEAbABOAACAAYQBsAOEA7QByAOEAcwBoAG8AegAgAHQAYQBYAHQA
bwB6APMAIABOAGEAbAgD6AHMA7QB0AHYA4QBuAHkAbwBrAACAAawBpAGIAbwBjiAHMA4QB0AOEAcwDh
AHIAYQAuACATOBpAG4AZABlAG4AIABmAGUAbABlAGwBUQBzAHMA6QBnACAAawBpAHYA4QByAHYA
YQAgAGEAIABoAGkAdABlAGWAZQBzAO0AdADpAHMAaQAgAHIAZQBuAGQAYgBlAG4AIABmAG8AZwBs
AGEAbAB0AGEAawAgAHMAegBlAHIAaQBuAHQALjB4BggrBgEFBQcBAQRsMGowOwYIKwYBBQUHMAKG
L2h0dHA6Ly9haWEua2d5aHN6Lmdvdi5odS9LR1lIU1pfQ0FfMjAwOTEyMTAuY2VyMCsGCCsGAQUF
BzABhh9odHRwOi8vb2NzcC5rZ3loc3ouZ292Lmh1L29jc3AvMEAGA1UdHwQ5MDcwNaAzoDGGL2h0
dHA6Ly9jcmwua2d5aHN6Lmdvdi5odS9LR1lIU1pfQ0FfMjAwOTEyMTAuY3JsMB4GA1UdEQQXMBWB
E2luZm9aaGl0ZWxlcy5nb3YuaHUwHwYDVR0jBBgwFoAU/JzmxrAK6h/X+n4uIAVoXAdKwuIwHQYD
VR0OBBYEFCNQuDfHDE7/V4Fcmyzm2KZYP8DRMA0GCSqGSIb3DQEBCwUAA4IBAQCqtojNGY8BkCck
yML9BJ6dsiPM2G6va162SqQK4tNJCJDc+kwm/Cmu3SCiJZhAqcUyGBHUEY/mGO/MixA9RBgMz3Df
jpkO5OYiLpJwiyNw+aeIMVlpAdc4a59jfbFNpJB870ECTZjv0xG7L8mOd+7YfWjsmbTxiIsP0n8M
6A4k8fLAB90SpFxFKFwk7pH70puZE8P5lzccuJavq2SkqZEosaq4LEZAhGeqd65xMTJW91iINFrn
ZXLLhwMdMlgNSlKS+Dz+BQYZ+DntwtKgo4I9/zytnL3gSTUvoUMblEmoCx3quvj+05NkgtVZVCyE
jF0n678JGx0Ypbm6GnrrLnqR
-----END CERTIFICATE-----

Service status:	http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/granted

*Following ex ante and active approval activities, in compliance with the
provisions laid down in the applicable national legislation and Regulation (EU)
No 910/2014, it indicates that the Supervisory Body identified in the "Scheme
operator name" (see clause 5.3.4) on behalf of the Member State identified in
the "Scheme territory" (see clause 5.3.10) has granted a qualified status:
- to the corresponding trust service being of a service type specified in
clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3),
and - to the trust service provider identified in "TSP name" (see clause 5.4.1)
for the provision of that service.*

Status starting time:	2016-06-30T22:00:00.000Z (01 Jul 2016 00:00:00 CEST)
Service supply points:	http://qca.hiteles.gov.hu/crl/GOVCA-QKET.crl
Service information extensions:	*Extension 1/2, non-critical:*

<tsl:AdditionalServiceInformation
xmlns:tsl="http://uri.etsi.org/02231/v2#"><tsl:URI
xml:lang="en">http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/ForeSignatures
</tsl:URI></tsl:AdditionalServiceInformation>

Extension 2/2, critical:

Qualifier:

http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/NotQualified

> *It is ensured by the CSP, and supervised by the Member State Supervisory Body that all certificates issued under the service identified in 'Service digital identity' (clause 5.5.3) and further identified by the filters information used to further identify under the 'Sdi' identified trust service that precise set of certificates are not to be considered as qualified certificates.*
> *This value shall not be used if the service type is not http://uri.etsi.org/TrstSvc/Svctype/CA/QC.*

CriteriaList assert="atLeastOne":

Policy Set:

Identifier: urn:oid:0.2.216.1.200.1100.100.42.3.1.2

2.8.2.1. Minősített Közigazgatási Tanúsítványkiadó - GOV CA

```
                                                                Provider: 8
                                                                 Service: 2
                                                                History: 1/1
```

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/QC

A qualified certificate issuing trust service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services, and under which are provided the relevant and related revocation and certificate validity status information services (e.g. CRLs, OCSP responses) in accordance with EU Directive 1999/93/EC or with Regulation (EU) No 910/2014 whichever is in force at the time of provision. This may also include generation and/or management of the associated private keys on behalf of the certified entity.

Service name:

English: Minősített Közigazgatási Tanúsítványkiadó - GOV CA

Hungarian: Minősített Közigazgatási Tanúsítványkiadó - GOV CA

Service digital identity: *Subject key identifier:*

23 50 B8 37 C7 0C 4E FF 57 81 5C 9B 2C E6 D8 A6 58 3F C0 D1

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2014-03-20T09:34:06.000Z   (20 Mar 2014 10:34:06 CET)

2.8.3. Állampolgári Tanúsítványkiadó - Qualified Citizen CA

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/QC

A qualified certificate issuing trust service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services, and under which are provided the relevant and related revocation and certificate validity status information services (e.g. CRLs, OCSP responses) in accordance with EU Directive 1999/93/EC or with Regulation (EU) No 910/2014 whichever is in force at the time of provision. This may also include generation and/or management of the associated private keys on behalf of the certified entity.

Service name:

English: Állampolgári Tanúsítványkiadó - Qualified Citizen CA

Hungarian: Állampolgári Tanúsítványkiadó - Qualified Citizen CA

Service digital identity: *Subject key identifier:*

0E 13 7E B9 18 05 AA 7D 10 12 30 97 5C E9 0C A7 03 19 A3 3F

Service digital identity: *Version:*

3

Serial number:

1 625 431 795 124 082 043 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

2.5.4.97=VATHU-10585560,CN=Állampolgári Tanúsítványkiadó - Qualified Citizen CA,O=NISZ Nemzeti Infokommunikációs Szolgáltató Zrt.,L=Budapest,C=HU

Issuer:

CN=Főtanúsítványkiadó - Kormányzati Hitelesítés Szolgáltató,O=NISZ Nemzeti Infokommunikációs Szolgáltató Zrt.,L=Budapest,C=HU

Subject key identifier:

0E 13 7E B9 18 05 AA 7D 10 12 30 97 5C E9 0C A7 03 19 A3 3F

Authority key identifier:

D5 A8 51 0E 79 30 72 5E B4 AC 16 0D D3 B5 EB EA C1 4B DC 3A

Valid from:

2015-12-18T11:27:19.000Z   (18 Dec 2015 12:27:19 CET)

Valid to:

2030-12-18T11:27:19.000Z   (18 Dec 2030 12:27:19 CET)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = 3

Thumbprint:

SHA-1:

1B:54:A2:0B:50:FA:E5:50:91:93:84:95:9A:0E:00:C2:C3:9D:BA:19

SHA-256:

F3:0C:01:D9:EC:DF:E8:96:31:06:84:34:FF:4C:07:2C:13:F5:96:E2:97:37:84:AD:B3:25:2D:B6:2A:2A:2D:82

Public key:

Algorithm, key length:

RSA, 4096

Key value:

3082020A0282020100E4319D5689C87A920DD91DE06F44B0D60BFAA877A8874DC2BCDFDF59DDECDC5AF77AC8DB8881
1FE4196C429FB0D8B7B827A6DAF280F33353BACE031EFC1A54E52295B318A247575AC3CF603EFBEBC4F2C5B0B17B46
D43558A7634703765278EF01D2094A605EF1EC287F121CA50DCE64381FE4B04D3DECBC36ED6035310FB3DE96E7A06A
CC59D51AEC1C2CD517DB91A72F00600BBB0ECB3E417948E1D9A6DC1A995F7A34FAF3AD1F5E120DB658B44093A12824
992FFAECB7AA54C2F77077F855BC70551CB19984B7CB258D09330C01947CFAD925451776E82BD5380FDB47D552A957
48E51B9DA041F6B73FB5DD602FDF07A45B807A76DBE043ADDD0A48DBE47DE75617EFAB01B12742042D8DF38F8E2145
06F0F1FA3AC4F690BD4956AC4B1983AA341ABD38BA5F54976B8459054B1CFFC6874D95A9BA9CD4B841A804C5DE47A9
1F3FE8E2508D516B4AB19B2BB72125FE8C114563216A26C003A708BCE2A702DED510FD2761494070BCB03DA963F287
096D6E3C4697769007D415B803729E50F6FFA6C0783997A8F41D23951746B492707352DB3501966F32E21FB5DA6201
284FFB17DBCDCB87C9E74057F839FCF499E6BAB6C476728C9459C4B20668DAA96F68C5D0F551109D37F54CD0932AC5
92B9F9B17530D2E50D1B2C86A3E763023364C77A73655F1595C0A8067F5CD9A9CF7009E8D954B66DF5BE49E5BDE3A3
500ACB1D0203010001

Certificate policies:

0.2.216.1.200.1100.100.42.3.5.1

cPSuri = http://hiteles.gov.hu/szabalyzatok

CRL distribution points:

http://qca.hiteles.gov.hu/crl/GOVCA-ROOT.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIHXzCCBUegAwIBAgIIFo6xmxL/FXswDQYJKoZIhvcNAQELBQAwgasxCzAJBgNVBAYTAkhVMREw
DwYDVQQHDAhCdWRhcGVzdDE8MDoGA1UECgwzTklTWiBOZWl6ZXRpIEluZm9yb2ltdW5pdGdwa8OhY2nD
s3MgU3pvbGfDoWx0YXTDsyBacnQuMUswSQYDVQQDDEJGxZF0YW7DunPDrXR2w6FueWtpYWTDsyAt
IEtvcm3DoW55emF0aSBIaXRlbGVzdw610w6lzIFN6b2xnw6FsdGF0w7MwHhcNMTUxMjE4MTEyNzE5
WhcNMzAxMjE4MTEyNzE5WjCBvDELMAkGA1UEBhMCSFUxETAPBgNVBAcMCEJ1ZGFwZXN0MTwwOgYD
VQQKDDNOSVNaIE5lbXpldGkGgSW5mb2tvdW11bmlrw6FjacOzcyBTem9sZ8OhbHRhdMOzIFpydC4x
QzBBBgNVBAMMOsOBBgGxhbXBVbGGfDoXJpIFRhbsO6c8OtdHbDoW55a2lhZMOzIC0gUXVhbGlmaWVk
IENpdGl6ZW4gQ0ExFzAVBgNVBGGMDlZBVEhVLTEwNTg1NTYwMIICIjANBgkqhkiG9w0BAQEFAAOC
Ag8AMIICCgKCAgEA5DGdVonIepIN2R3gb0Sw1gv6qHeoh03CvN/fWd3s3Fr3esjbiIEf5BlsQp+w
2Le4J6ba8oDzMlO6zgMe/BpU5SKVsxiiR1daw89gPvvrxPLFsLF7RtQlWKdjRwN2UnjvAdIJSmBe
8ewofxIcpQ3OZDgf5LBNPey8Nu1gNTEPs96W56BqzFnVGuwcLNUX25GnLwBgC7sOyz5BeUjh2abc
GplfejT6860fXhINtli0QJOhKCSZL/rst6pUwvdwd/hVvHBVHLGZhLfLJY0JMwwBlHz62SVFF3bo
K9U4D9tH1VKpV0jlG52gQfa3P7XdYC/fB6RbgHp22+BDrd0KSNvkfedWF++rAbEnQgQtjfOPjiFF
BvDx+jrE9pC9SVasSxmDqjQavTi6X1SXa4RZBUsc/8aHTZWpupzUuEGoBMXeR6kfP+jiUI1Ra0qx
myu3ISX+jBFFYyFqJsADpwi84qcC3tUQ/SdhSUBwvLA9qWPyhwltbjxGl3aQB9QVuANynlD2/6bA
eDmXqPQdI5UXRrSScHNS2zUBlm8y4h+12mIBKE/7F9vNy4fJ50BX+Dn89JnmurbEdnKMlFnEsgZo
2qlvaMXQ9VEQnTflTNCTKsWSufmxdTDS5Q0bLIaj52MCM2THenNlXxWVwKgGf1zZqc9wCejZVLZt
9b5J5b3jo1AKyx0CAwEAAaOCAXIwggFuMHsGCCsGAQUFBwEBBG8wbTA4BggrBgEFBQcwAoYsaHR0
cDovL3FjYS5oaXRlbGVzLmdvdi5odS5jXIvR09WQ0EtUk9PVC5jZXIwMQYIKwYBBQUHMAGGJWh0
dHA6Ly9xb2NzLmhpdGVsZXMuZ292Lmh1L3NwLXJvb3QwHQYDVR00BBYEFA4TfrkYBap9EBIw
l1zpDKcDGaM/MBIGA1UdEwEB/wQIMAYBAf8CAQMwHwYDVR0jBBgwFoAU1ahRDnkwcl60rBYN07Xr
6sFL3DowTAYDVR0gBEUwQzBBBg0CgVgBgUiITGQqAwUBMDAwLgYIKwYBBQUHAgEWImh0dHA6Ly9o
aXRlbGVzLmdvdi5odS9zemFiYWx5emF0b2swPQYDVR0fBDYwNDAyoDCgLoYsaHR0cDovL3FjYS5o
aXRlbGVzLmdvdi5odS9jcmwvR09WQ0EtUk9PVC5jcmwwDgYDVR0PAQH/BAQDAgEGMA0GCSqGSIb3
DQEBCwUAA4ICAQAoN1hb4F9DdGOherof2nqlbi+golwOl3DhWK7uN+yBrrAYKmC4DarV5dv2Gnxl
rVcvY7xA/jN7SLA+Zk2ShzgCFdpOn8z9APIfwYGYaB8zy40b4o88Fy66qbusMRZa/L9VLdl/xKJf
pq9YBz0yjQqX/GPwfJ3cRwtsUbjVppUUEnPBzHEnhSSdQYXCzOQ8XXdwRe9+aHqW9S/s2AvLp1Rl
Yc4RmSOtVmHT36Qy//mkYDulKaDHhyTjxnIS9yCkEjr6Uyvl/FBoWKduhrVRh66F3xDRkLv/VUtk
gW8nA5Cy9wntPnBr4F5zDx/1TxP+U6sCrPNNnQI7DUalI4Sg9UPfOlWBcUsiB5pCVwEsLaE9uj8H
CEXp4DEBF2Pc1rLbKDYKKM4Kb0ntyWyRUcr6mfcqPiXaLhN9SDST6xISIWhiWQ9SWvWXGMDn9/sA
zY2P2DnWU5CXEsGw77KQGmSm2QS3FHEFbSmReNQM5qb5yfq/ReIF3qkgpUs3KKbl7qGbb+9ZRmJs
K1MZvYNni5iKbEfJXYg+opbblvgMX7RMhSSzi4pQbCYBmetn8ZVEh4ToWCa40hT87YrFp/ExLh+g
ITX6q0Wn+HdzbiRczApXQvOPrqZMaK4NMNqN15OPkHRKxj5xFGuyN3esNd7hR8ud5xWHg0zvfJeg
tuALdGd0rT4jGw==
-----END CERTIFICATE-----

Service status:	http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/granted

Following ex ante and active approval activities, in compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted a qualified status: - to the corresponding trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and - to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time:	2016-06-30T22:00:00.000Z (01 Jul 2016 00:00:00 CEST)
Service supply points:	http://cca.hiteles.gov.hu/crl/GOVCA-CCA.crl

Service information extensions:

<tsl:AdditionalServiceInformation
xmlns:tsl="http://uri.etsi.org/02231/v2#"><tsl:URI
xml:lang="en">http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/ForeSignatures
</tsl:URI></tsl:AdditionalServiceInformation>

<tsl:AdditionalServiceInformation
xmlns:tsl="http://uri.etsi.org/02231/v2#"><tsl:URI
xml:lang="en">http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/ForeSignatures
</tsl:URI></tsl:AdditionalServiceInformation>

2.8.3.1. Állampolgári Tanúsítványkiadó - Qualified Citizen CA

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/QC

> *A qualified certificate issuing trust service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services, and under which are provided the relevant and related revocation and certificate validity status information services (e.g. CRLs, OCSP responses) in accordance with EU Directive 1999/93/EC or with Regulation (EU) No 910/2014 whichever is in force at the time of provision. This may also include generation and/or management of the associated private keys on behalf of the certified entity.*

Service name:

English: Állampolgári Tanúsítványkiadó - Qualified Citizen CA

Hungarian: Állampolgári Tanúsítványkiadó - Qualified Citizen CA

Service digital identity: *Subject key identifier:*

0E 13 7E B9 18 05 AA 7D 10 12 30 97 5C E9 0C A7 03 19 A3 3F

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2015-12-18T11:27:19.000Z   (18 Dec 2015 12:27:19 CET)

2.8.4. Minősített Tanúsítványkiadó v2 - GOV CA

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.

Service name:

English: Minősített Tanúsítványkiadó v2 - GOV CA

Hungarian: Minősített Tanúsítványkiadó v2 - GOV CA

Service digital identity: *Subject key identifier:*

F4 A3 3B 8F 29 7A 31 28 CF 6B C8 86 F8 26 A8 CB DD 27 88 80

Service digital identity: *Version:*

3

Serial number:

6 697 533 090 985 774 204 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

CN=Minősített Tanúsítványkiadó v2 - GOV CA,O=NISZ Nemzeti Infokommunikációs Szolgáltató Zrt.,L=Budapest,C=HU

Issuer:

CN=Főtanúsítványkiadó - Kormányzati Hitelesítés Szolgáltató,O=NISZ Nemzeti Infokommunikációs Szolgáltató Zrt.,L=Budapest,C=HU

Subject key identifier:

F4 A3 3B 8F 29 7A 31 28 CF 6B C8 86 F8 26 A8 CB DD 27 88 80

Authority key identifier:

D5 A8 51 0E 79 30 72 5E B4 AC 16 0D D3 B5 EB EA C1 4B DC 3A

Valid from:

2014-01-22T09:24:19.000Z   (22 Jan 2014 10:24:19 CET)

Valid to:

2029-01-22T09:24:19.000Z   (22 Jan 2029 10:24:19 CET)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = 3

Thumbprint:

SHA-1:

70:A3:C0:14:66:80:66:DE:D9:87:1D:3E:58:4D:5D:4C:A4:D7:CA:31

SHA-256:

F9:88:55:03:EF:87:A3:0F:9E:95:DF:F5:3B:0B:AF:31:B0:88:DF:0F:20:E1:4D:EE:B9:C9:EF:62:D4:52:D8:88

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A02820101009E31209C284857F12D299B81E22F47E91FA9DCBC38FC6D2EDF169D39A5BC7C916B2932B54264
8FA47FAA60E54D9092085E7E43904A7183864F173A846A0F550D501A3FACCAB0083A194DF8CFAD145466EA2C5259DD
A3E30F688B9B2E58FE06BEBD8A280C4B5FC0AEFAB83116060C8CA6CCDEB2F3096474AF2C35C2C08ADB2F821839110D
1D69BFB2241AD7B2F44FE4A405A497AFD5CC9481C5B5C3718D5163547414ACA9DAF08C96EDD423A894B0A5ACD6CA64
AE26260B55C78E47C84D751C7E79C45138FC09106E7BF54036371EEEC4CE64195140EDAA3DF3B21328C4B0EB3F4FE0
9373E57C4F641079907B935BEE750CD1E1A34826E345D0B576659FB427430203010001

Certificate policies:

0.2.216.1.200.1100.100.42.3.1.5.1

cPSuri = http://hiteles.gov.hu/szabalyzatok

userNotice = Ez a NISZ Zrt. minősített szolgáltatói tanúsítványa, értelmezéséhez
és elfogadásához a vonatkozó szolgáltatási szabályzat (HSZSZ-M) szerint kell
eljárni. További információk: http://hiteles.gov.hu

CRL distribution points:

http://qca.hiteles.gov.hu/crl/GOVCA-ROOT.crl

PEM format:

```
-----BEGIN CERTIFICATE-----
MIIH4jCCBcqgAwIBAgIIXPJq3HehjHwwDQYJKoZIhvcNAQELBQAwgasxCzAJBgNVBAYTAkhVMREw
DwYDVQQHDAhCdWRhcGVzdDE8MDoGA1UECgwzTklTWiBOZW16ZXRpIEluZm9yb21tdW5pa2FjaW9z
s3MgU3pvbGGfDoWx0YXTDsyBacnQuMUswSQYDVQQDDEJGxZF0YW7DunPDrXR2w6FueWtpYWTDsyAt
IEtvcm3DoW55emF0aSBIaXRlbGVzw610w6lzIFN6b2xnw6FsdGF0w7MwHhcNMTQwMTIyMDkyNDE5
WhcNMjkwMTIyMDkyNDE5WjCBljELMAkGA1UEBhMCSFUxETAPBgNVBAcMCEJ1ZGFwZXN0MTwwOgYD
VQQKDDNOSVNaIE5lbXpldGkgSW5mb2tbmlrw6FjacOzcyBTem9sZ8OhbHRhdMOzIFpydC4x
NjA0BgNVBAMMLU1pbsWRc8OtdGV0dCBUYW7DunPDrXR2w6FueWtpYWTDsyB2MiAtIEdPViBDQTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAJ4xIJwoSFfxLSmbgeIvR+kfqdy8OPxtLt8W
nTmlvHyRaykytUJkj6R/qmDlTZCSCF5+Q5BKcYOGTxc6hGoPVQ1QGj+syrAIOhlN+M+tFFRm6ixS
Wd2j4w9oi5suWP4Gvr2KKAxLX8Cu+rgxFgYMjKbM3rLzCWR0rywlwsCK2y+CGDkRDR1pv7IkGtey
9E/kpAWkl6/VzJSBxbXDcY1RY1R0FKyp2vCMlu3UI6iUsKWslspkriYmC1XHjkfITXUcfnnEUTj8
CRBue/VANjce7sTOZBlRQO2qPfOyEyjEsOs/T+CTc+V8T2QQeZB7klvudQzR4aNIJuNF0LV2ZZ+0
J0MCAwEAAaOCAxswggMXMHsGCCsGAQUFBwEBBG8wbTA4BggrBgEFBQcwAoYsaHR0cDovL3FjYS5o
aXRlbGGVzLmdvdi5odS9jZXIvR09WQ0EtUk9PVC5jZXIwMQYIKwYBBQUHMAGGJWh0dHA6Ly9xb2Nz
cC5oaXRlbGVzLmdvdi5odS9vY3NwLXJvb3QwHQYDVR00BBYEFPSj048pejEoz2vIhvgmqMvdJ4iA
MBIGA1UdEwEB/wQIMAYBAf8CAQMwHwYDVR0jBBgwFoAU1ahRDnkwcl60rBYN07Xr6sFL3DowggHz
BgNVHSAEggHqMIIB5jCCAeIGDgKBWAGBSIhMZCoDAQUBMIIBzjAuBggrBgEFBQcCARYiaHR0cDov
L2hpdGVsZXMuZ292Lmh1L3N6YWJhbHl6YXRvazCCAZoGCCsGAQUFBwICMIIBjB6CAYgARQB6ACAA
YQAgAE4ASQBTAFoAIABaAHIAdAAuACAAbQBpAG4BUQBzAO0AdABlAHQAdAAgAHMAegBvAGwAZwDh
AGwAdABhAHQA8wBpACAAdABhAG4A+gBzAO0AdAB2AOEAbgB5AGEALAAgAOkAcgB0AGUAbABtAGUA
egDpAHMA6QBoAGUAegAgAOkAcwAgAGUAbABmAG8AZwBhAGQA4QBzAOEAaABvAIABhACAAdgBv
AG4AYQB0AGsAbwB6APMAIABzAHoAbwBsAGcA4QBsAHAYQB0AOEAcwBpACAAcwB6AGEAYgDhAGwA
eQB6AGEAdAAgACgASABTAFoAUwBaAC0ATQApACAAcwBBGAGUAcgBpAG4AdAAgAGsAZQBsACAAAIABl
AGwAagDhAHIAbgBpAC4AIABUAG8AdgDhAGIAYgBpACAAaQBuAGYAbwByAG0A4QBjAGkA8wBrACAoA
IABoAHQAdABwADoALwAvAGgAaQB0AGUAbABlAHMALgBnAG8AdgAuAGgAdTA9BgNVHR8ENjA0MDKg
MKAuhixodHRwOi8vcWNhLmhpdGVsZXMuZ292Lmh1L2NybC9HT1ZDQS1ST09ULmNybDAOBgNVHQ8B
Af8EBAMCAQYwDQYJKoZIhvcNAQELBQADggIBACs2ig3mrhrfY8xXYFtPzKrFl1/6F2b2n4daG8xr
yng/VCgALoAGUuHVGlllsw5JGOAMzbevc0aeVNHbizIqdKHPtVyqWB/U15t4dU+ZqVNUN3ClbzHo
kQZQAyfoKA4ceYjCOzlAho5GfqH1etBtmEhZ7hHrd5MU4a6v6MLBKJQaTahMcu8TPGci+RRfhhZL
yHDLfNcq+IKA1kgv6GBFoeGJFYKCAfxZWswAi9yS2oMXcZwBrphMReQS44/qktdxgjez4EgK4HW9
xFkclaAU747qokkYe0YtZyNxKFUgQkIEyqTOyjGbyVfZDWXawIYou1mbDvWUi/Tk4NR0MZhHco+z
vZKQVLxADf1f5uoStcpfU/5nPBU8xwPoAe/ZtxTQNmTHwx+cRP5kLY5tExKLEUkGiQH1s4atk6Hd
d7ip63PLUGthSgvlXp/tevU4uaE5tp3Gl5YbIv7LNukEmPOzB9wRfXj7V/mPdGCLKE5ZO7wsxpOP
Qg0Uzfr2JJlqapcWZdQTvH2phh9OXVH3XoryoCzqKNNlH692uc5TorY68IOm5m6Z1CR3I6LUnYfN
j9Ucks7ib9BV+fNkM5MfjiwVpwi4f+8iRYl06gK5CyVfpSTDFxpzU82RLCuzXrpB2lORXdWlxsef
33L4s46mUOa/8BfbQKDOwY9Z0umZHZi9YT8T
-----END CERTIFICATE-----
```

Service status:	http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/recognisedatnationallevel

For trust services listed under a service type specified in clause 5.5.1.2: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved" status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in Regulation (EU) No 910/2014 and the applicable national legislation.

For NationalRootCA-QC type: The service is set by national law in accordance with the applicable European legislation and operated by the responsible national body issuing root-signing or qualified certificates to accredited trust service providers.

For other trust services listed under a service type specified in clause 5.5.1.3: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved"status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in the applicable national legislation.

Status starting time:	2016-06-30T22:00:00.000Z (01 Jul 2016 00:00:00 CEST)
Service supply points:	http://qca.hiteles.gov.hu/crl/GOVCA-Qv2.crl
Service information extensions:	*Extension 1/1, non-critical:*

<tsl:AdditionalServiceInformation xmlns:tsl="http://uri.etsi.org/02231/v2#">
<tsl:URI
xml:lang="en">http://www.nmhh.hu/tl/ServiceStatus/QualifiedatNationalLevel</tsl:URI>
</tsl:AdditionalServiceInformation>

2.8.5. Fokozott Tanúsítványkiadó v2 - GOV CA

<div style="text-align: right">

Provider: 8
Service: 5

</div>

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.

Service name:

English: Fokozott Tanúsítványkiadó v2 - GOV CA

Hungarian: Fokozott Tanúsítványkiadó v2 - GOV CA

Service digital identity: *Subject key identifier:*

63 AE FB 5E 33 83 0A 6F 87 BB A4 1A 8E A7 D9 A9 C8 F8 BB 63

Service digital identity: *Version:*

3

Serial number:

2 046 728 726 055 391 885 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

CN=Fokozott Tanúsítványkiadó v2 - GOV CA,O=NISZ Nemzeti Infokommunikációs Szolgáltató Zrt.,L=Budapest,C=HU

Issuer:

CN=Főtanúsítványkiadó - Kormányzati Hitelesítés Szolgáltató,O=NISZ Nemzeti Infokommunikációs Szolgáltató Zrt.,L=Budapest,C=HU

Subject key identifier:

63 AE FB 5E 33 83 0A 6F 87 BB A4 1A 8E A7 D9 A9 C8 F8 BB 63

Authority key identifier:

D5 A8 51 0E 79 30 72 5E B4 AC 16 0D D3 B5 EB EA C1 4B DC 3A

Valid from:

2014-01-14T09:02:08.000Z   (14 Jan 2014 10:02:08 CET)

Valid to:

2024-01-14T09:02:08.000Z   (14 Jan 2024 10:02:08 CET)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = 3

Thumbprint:

SHA-1:

61:84:28:FE:81:BE:CE:D2:59:2A:BE:29:4B:51:F9:D0:8D:46:32:AE

SHA-256:

7C:54:FA:16:CE:A3:3F:15:85:73:2F:A3:EF:DE:FA:AF:02:B7:AE:B8:4F:82:EE:38:AE:7D:8A:69:A6:17:BE:F8

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100CA5AB8CDAF1D9F8ED7340C9EB10559F6B5DE2499E1ACF68AD435B969B67DE20D616F9B694A3D
A7D2ED906EA3F621A82D443B33AC38BB2D402FD7D09AB529EAB20CDA60A5A3E83887B546503956C2A4C5188047BC80
76C5C02FEBC72D4F978383567CAADB83995C20F3088A336F716DB766F522D4419200C6961DB485B9F394D597D84C17
4CC3B5A925A14507304C061146DD543D5772CF77C13B6399BEC03AFA5BB841F3D6D35970BAAFB378D6A011B4499F97
4279583BA68AFC5ED00940B6613277028B2A9D053A468D7D9708B4D79FDDDB1934B573840A926DC6BAC76E72223072
C6371831A719F87C8A34D62200694D997999C28FD6C5D03837C8DE785A1D0203010001

Certificate policies:

0.2.216.1.200.1100.100.42.3.1.5.1

cPSuri = http://hiteles.gov.hu/szabalyzatok

userNotice = Ez a NISZ Zrt. fokozott szolgáltatói tanúsítványa, értelmezéséhez és elfogadásához a vonatkozó szolgáltatási szabályzat (HSZSZ-F) szerint kell eljárni. További információk: http://hiteles.gov.hu

CRL distribution points:

http://qca.hiteles.gov.hu/crl/GOVCA-ROOT.crl

PEM format:

```
-----BEGIN CERTIFICATE-----
MIIH2jCCBcKgAwIBAgIIHGdw7qweko0wDQYJKoZIhvcNAQELBQAwgasxCzAJBgNVBAYTAkhVMREw
DwYDVQQHDAhCdWRhcGVzdDE8MDoGA1UECgwzTklTWiBOZW16ZXRpIEluZm9rb21tdW5pa2FjaW9z
MjAwMTBIgDAKEGLM0
s3MgU3pvbGfDoWx0YXTDsyBacnQuMUswSQYDVQQDDEJGxZF0YW7DunPDrXR2w6FueWtpYWTDsyAt
IEtvcm3DoW55emF0aSBIaXRlbGVzw61ow6lzIFN6b2xnw6FsdGF0w7MwHhcNMTQwMTE0MDkwMjA4
WhcNMjQwMTE0MDkwMjA4WjCBgjELMAkGA1UEBhMCSFUxETAPBgNVBAcMCElJZGFwZXN0MTwwOgYD
VQQKDDNOSVNaIE51bXpldGkgSW5mb2tvbW11bmlrYWNpb3cyMDAxBHRhdMOzIFpydC4x
MjAwBgNVBAMMKUZva296b3R0IFRhbsO6c8OtdHbDoW55a2lhZMOzIHYyIC0gR09WIENBMIIBIjAN
BgkqhkiG9w0BAQEFAAOCAQ8AMIIBCgKCAQEAylq4za8dn47XNAyesQVZ9rXeJJnhrPaK1DW5abZ9
4glhb5tpSj2n0u2QbqP2IagtRDszrDi7LUAv19CatSnqsgzaYKWj6DiHtUZQOVbCpMUYgEe8gHbF
wC/rxylPl40DVnyq24OZXCDzCIozb3Ftt2b1ItRBkgDGlh20hbnzlNWX2EwXTMO1qSWhRQcwTAYR
Rt1UPVdyz3fBO2OZvsA6+lu4QfPW0llwuq+zeNagEbRJn5dCeVg7por8XtAJQLZhMncCiyqdBTpG
jX2XCLTXn93bGTS1c4QKkm3GusduciIwcsY3GDGnGfh8ijTWIgBpTZl5mcKP1sXQODfI3nhaHQID
AQABo4IDFzCCAxMwewYIKwYBBQUHAQEEbzBtMDgGCCsGAQUFBzAChixodHRwOi8vcWNhLmhpdGGVs
ZXMuZ292Lmh1L2Nlci9HT1ZDQS1ST09ULmNlcjAxBggrBgEFBQcwAYYlaHR0cDovL3FvY3NwLmhp
dGVsZXMuZ292Lmh1L29jc3Atcm9vdDAdBgNVHQ4EFgQUY677XjODCm+Hu6QajqfZqcj4u2MwEgYD
VR0TAQH/BAgwBgEB/wIBAzAfBgNVHSMEGDAWgBTVqFE0eTByXrSsFg3Ttevqw uvcOjCCAe8GA1Ud
IASCAeYwggHiMIIB3gY0AoFYAYFIiExkKgMBBQEwggHKMC4GCCsGAQUFBwIBFiJodHRwOi8vaGl0
ZWxlcy5nb3YuaHUvc3phYmFseXphdG9rMIIBlgYIKwYBBQUHAgIwggGIHoIBhABFAHoAIABhACAA
TgBJAFMAWgAgAFoAcgB0AC4AIABmAG8AawBvAHoAbwB0AHQAIABzAHoAbwBsAGcA4QBsAHQAYQB0
APMAaQAgAHQAYQBuAPoAcwDtAHQAdgDhAG4AeQBhACwAIADpAHIAdABlAGwAbQBlAHoA6QBzAHkx
aABlAHoAIADpAHMAIABlAGwAZgBvAGcAYQBkAOEAcwDhAGgAbwB6ACAAYQAgAHYAbwBuAGEAdABr
AG8AegDzACAAcwB6AG6AAbABnA0EAbAB0AGEAdADhAHMAaQAgAHMAegBhAGIA4QBsAHkAegB0AHQA
IAAoAEgAUwBaAFMAWgAtAEYAKQAgAHMAegBlAHIAaQBuAHQAIABrAGUAbABsACAAZQBsAGoA4QBy
AG4AaQAuACAAVABvAHYA4QBiAGIAaQAgAGkAbgBmAG8AcgBtAOEAYwBpAPMAawA6ACAAaAB0AHQA
cAA6AC8ALwBoAGkAdABlAGwAZQBzAC4AZwBvAHYALgBoAHUwPQYDVR0fBDYwNDAyoDCgLoYsaHR0
cDovL3FjYS5oaXRlbGVzLmdvdi5odi5odS5jcmwvR09WQ0EtUk9PVC5jcmwwDgYDVR0PAQH/BAQDAgEG
MA0GCSqGSIb3DQEBCwUAA4ICAQBSD/7sZ4sN2ZxK5r9H1Hcnj/x5Vf7x/tXPi2eyeWMzliZSxmA+
L0WAFhtkmgTN3wZHku91UpJ/XWcEBlZu//IjQbR4Qps5iX+i9RVu13zauGvHSWwudN4twoh4Tl6k
opb3IJ4GSwlX5LKqeYFe5txQBpn62mmDFFL0c8zG1GCzlP/92i0uM+q9GTCfKbyRVj8OG7U5Ke5D
8yKLgOrpcqUR5l66YhzcQU+iuZICh5eX7D3rHWTV0YTXgT2ZXt9MFFnWYpFprrymg+mnEqp2vROx
+Q0T72XTB4NYFiBiajXPe9Gb9v2TxitR13QPJCD0U0GwB/0MtgNdlINNxiOWhiedy05Db2Fzpk9B
vG2kL+JHtrXKjeCR8fy9edXzccsHxnqoyIehly4n9idBeIUswc4KChEYtrjwwqaZvlEweAAThYKo
t0FoA9+tZSBY+SxPi7Pao4qqTEj0aR80V9kfLVhQxYks7XDiLQ/+TGXR2Pwy4OtPAhy6yE8E80i
kOcyu/oVMSnvoX9kqvSqqGhWRrBNGFMgGgsXFF1KyTWvoQdgLYFqAwSyRw4E0EVGGcDsZV+Nzhol
XoyZu2iCwXH6Fe3aXs2zm/X+mczjrHCDHCcXbC0tAaNOwHtMq/59z5qVOrSaaYtPReuHpvcIoBSg
uH3/Od+wwgwu9rpga9Arcyrvug==
-----END CERTIFICATE-----
```

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/recognisedatnationallevel

> *For trust services listed under a service type specified in clause 5.5.1.2: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved" status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in Regulation (EU) No 910/2014 and the applicable national legislation.*
> *For NationalRootCA-QC type: The service is set by national law in accordance with the applicable European legislation and operated by the responsible national body issuing root-signing or qualified certificates to accredited trust service providers.*
> *For other trust services listed under a service type specified in clause 5.5.1.3: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved"status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in the applicable national legislation.*

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: http://nqca.hiteles.gov.hu/crl/GOVCA-NQv2.crl

2.8.5.1. Fokozott Tanúsítványkiadó v2 - GOV CA

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

> *A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.*

Service name:

English: Fokozott Tanúsítványkiadó v2 - GOV CA

Hungarian: Fokozott Tanúsítványkiadó v2 - GOV CA

Service digital identity: *Subject key identifier:*

63 AE FB 5E 33 83 0A 6F 87 BB A4 1A 8E A7 D9 A9 C8 F8 BB 63

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2014-01-14T09:02:08.000Z   (14 Jan 2014 10:02:08 CET)

2.8.6. Minősített Közigazgatási Tanúsítványkiadó - GOV CA

Provider: 8
Service: 6

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/CA/PKC

A certificate generation service, not qualified, creating and signing non-qualified public key certificates based on the identity and other attributes verified by the relevant registration services.

Service name:

English: Minősített Közigazgatási Tanúsítványkiadó - GOV CA

Hungarian: Minősített Közigazgatási Tanúsítványkiadó - GOV CA

Service digital identity: *Subject key identifier:*

23 50 B8 37 C7 0C 4E FF 57 81 5C 9B 2C E6 D8 A6 58 3F C0 D1

Service digital identity: *Version:*

3

Serial number:

1 132 238 913 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

CN=Minősített Közigazgatási Tanúsítványkiadó - GOV CA,O=NISZ Nemzeti Infokommunikációs Szolgáltató Zrt.,L=Budapest,C=HU

Issuer:

CN=KGYHSZ (Public Administration Root CA - Hungary),C=hu

Subject key identifier:

23 50 B8 37 C7 0C 4E FF 57 81 5C 9B 2C E6 D8 A6 58 3F C0 D1

Authority key identifier:

FC 9C E6 C6 B0 0A EA 1F D7 FA 7E 2E 20 05 68 5C 07 4A C2 E2

Valid from:

2014-03-20T09:34:06.000Z   (20 Mar 2014 10:34:06 CET)

Valid to:

2024-03-20T10:04:06.000Z   (20 Mar 2024 11:04:06 CET)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = 0

Thumbprint:

SHA-1:

E1:73:75:F1:FB:0A:0F:40:0D:E7:32:82:BC:42:7F:7C:75:24:DA:A9

SHA-256:

1D:CB:52:FE:7C:FC:B5:C6:C5:6E:13:3E:52:D7:AA:38:F4:13:AE:79:FF:F0:F4:32:5D:A8:78:05:12:94:D2:6D

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A02820101009E0D0AFF2C2EDA64126BA23DC3D832BA2B3A6892ACFFCA891839F47CEF13BDD95F8DDF7DEDED
6A757AC4617B830CB3261DC285F857304C9A30A41394C3840D99EDA28DEAAA9BE59D2C68930242C890FEDA2F0E3237
37F1AE54789A66676358974FDEDC48F9288152B6623423043A91AF49A526CE076108E7AE120DA60CBBE943CAB13F8F
1FE369C7917BA813D738036A4989007FCA1944EC7D55589A9D167B682342E3FC8D2068B8B4815FDA6C76A8007E073C
A429256834F3AC643D53D9F577101550DDF5A8B9EE524EBC56E484A8DDAAFD03B11F361B7377BDD42EA50E7749C375
E37811BF1B90822CA71F29DEF578F984721549AF68FB17C0C91E049DE9BD0203010001

Certificate policies:

0.2.216.1.100.42.1.200.2

cPSuri = http://cp.kgyhsz.gov.hu

userNotice = A hitelesítés-szolgáltató jogosult közigazgatási felhasználásra szolgáló, hatóságok által használt aláíráshoz tartozó tanúsítványok kibocsátására. Minden felelősség kizárva a hitelesítési rendben foglaltak szerint.

CRL distribution points:

http://crl.kgyhsz.gov.hu/KGYHSZ_CA_20091210.crl

PEM format:

```
-----BEGIN CERTIFICATE-----
MIIGvDCCBaSgAwIBAgIEQ3yYQTANBgkqhkiG9w0BAQsFADBIMQswCQYDVQQGEwJodTE5MDcGA1UE
AwwwS0dZSFNaIChQdWJsaWMgQWRtaW5pc3RyYXRpb24gUm9vdCBDQSAtIEh1bmdhcnkpMB4XDTE0
MDMyMDA5MzQwNloXDTI0MDMyMDEwMDQwNlowgaMxCzAJBgNVBAYTAkhVMREwDwYDVQQHDAhCdWRh
cGVzdDE8MDoGA1UECgwzTklTWiBOZW16ZXRpIEluZm9yb21tdW5pa2FjaW9zIFNvbGdhbHRhdG8z
YXTDsyBacnQuMUMwQQYDVQQDDDpNaW7FkXPDrXRldHQgS8O2emlnYXpnYXTDoXNpIFRhbHs06c8Ot
dHbDoW55a2lhZMOzIC0gR09WIENBMIIBIjANBgkqhkiG9w0BAQEFAAOCAQ8AMIIBCgKCAQEAng0K
/ywu2mQSa6I9w9gyuis6aJKs/8qJGDn0fO8Tvdlfjd997e1qdXrEYXuDDLMmHcKF+FcwTJowpBOU
w4QNme2ijeqqm+WdLGiTAkLIkP7aLw4yNzfxrlR4mmZnY1iXT97cSPkogVK2YjQjBDqRr0mlJs4H
YQjnrhINpgy76UPKsT+PH+Npx5F7qBPXOANqSYkAf8oZROx9VVianRZ7aCNC4/yNIGi4tIFf2mx2
qAB+BzykKSVoNPOsZD1T2fV3EBVQ3fWoue5STrxW5ISo3ar9A7EfNhtzd73ULqUOd0nDdeN4Eb8b
kIIspx8p3vV4+YRyFUmvaPsXwMkeBJ3pvQIDAQABo4IDUDCCA0wwDgYDVR0PAQH/BAQDAgEGMBIG
A1UdEwEB/wQIMAYBAf8CAQAwggIIBgNVHSAEggH/MIIB+zCCAfcGCgKBWAFkKgGBSAIwggHnMCMG
CCsGAQUFBwIBFhdodHRwOi8vY3Aua2d5aHN6Lmdvdi5odTCCAb4GCCsGAQUFBwICMIIBsB6CAawA
QQAgAGgAaQB0AGUAbABlAHMA7QB0AOkAcwAtAHMAegBvAGwAZwDhAGwAdABhAHQA8wAgAGoAbwBn
AG8AcwBlAGwAdAAgAGsA9gB6AGkAZwBhAHoAZwBhAHQA4QBzAGkAIABmAGUAbABoAGEAcwB6AG4A
4QBsAOAcwByAGEAIABzAHoAbwBsAGcA4QBsAPMALAAgAGgAYQB0APMAcwDhAGcAbwBrACAA4QBs
AHQAYQBsAACAAABhAHMAegBuAOEAbAB0ACAAYQBsAOEA7QByAOEAcwBoAG8AegAgAHQAYQByAHQA
bwB6APMAIAB0AGEAbgD6AHMA7QB0AHYA4QBuAHkAbwBrACAAawBpAGIAbwBjAHMA4QB0AOEAcwDh
AHIAYQAuACAATQBpAG4AZABlAG4AIABmAGUAbABlAGwBUQBzAHMA6QBnACAAawBpAHYA4QBjAHYA
YQAgAGEAIABoAGkAdABlAGwAZQBzAO0AdADpAHMAaQAgAHIABZQBuAGQAYgBlAG4AIABmAGdBAZwBs
AGEAbAB0AGEAawAgAHMAegBlAHIAaQBuAHQAljB4BggrBgEFBQcBAQRsMGowOwYIKwYBBQUHMAKG
L2h0dHA6Ly9haWEua2d5aHN6Lmdvdi5odS9LR1lIU1pfQ0FfMjAwOTEyMTAuY2VyMCsGCCsGAQUF
BzABhh9odHRwOi8vb2NzcC5rZ3loc3ouZ292Lmh1L29jc3AvMEAGA1UdHwQ5MDcwNaAzoDGGL2h0
dHA6Ly9jcmwuua2d5aHN6Lmdvdi5odS9LR1lIU1pfQ0FfMjAwOTEyMTAuY3JsMB4GA1UdEQQXMBWB
E2luZm9AaGl0ZWxlcy5nb3YuaHUwHwYDVR0jBBgwFoAU/JzmxrAK6h/X+n4uIAVoXAdKwuIwHQYD
VR0OBBYEFCNQuDfHDE7/V4Fcmyzm2KZYP8DRMA0GCSqGSIb3DQEBCwUAA4IBAQCqtojNGY8BkCck
yML9BJ6dsiPM2G6va162SqQK4tNJCJDc+kwm/Cmu3SCiJZhAqcUyGBHUEY/mGO/MixA9RBgMz3Df
jpkO5OYiLpJwiyNw+aeIMVlpAdc4a59jfbFNpJB870ECTZjv0xG7L8mOd+7YfWjsmbTxiIsP0n8M
6A4k8fLAB90SpFxFKFwk7pH70puZE8P5lzccuJavq2SkqZEosaq4LEZAhGeqd65xMTJW91iINFrn
ZXLLhwMdMlgNSlKS+Dz+BQYZ+DntwtKgo4I9/zytnL3gSTUvoUMblEmoCx3quvj+05NkgtVZVCyE
jF0n678JGx0Ypbm6GnrrLnqR
-----END CERTIFICATE-----
```

Service status:	http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/recognisedatnationallevel

For trust services listed under a service type specified in clause 5.5.1.2: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved" status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in Regulation (EU) No 910/2014 and the applicable national legislation.

For NationalRootCA-QC type: The service is set by national law in accordance with the applicable European legislation and operated by the responsible national body issuing root-signing or qualified certificates to accredited trust service providers.

For other trust services listed under a service type specified in clause 5.5.1.3: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved"status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in the applicable national legislation.

Status starting time:	2016-06-30T22:00:00.000Z (01 Jul 2016 00:00:00 CEST)
Service supply points:	http://qca.hiteles.gov.hu/crl/GOVCA-QKET.crl
Service information extensions:	*Extension 1/1, non-critical:*

<tsl:AdditionalServiceInformation xmlns:tsl="http://uri.etsi.org/02231/v2#">
<tsl:URI xml:lang="en">http://www.nmhh.hu/tl/ServiceStatus/QualifiedatNationalLevel</tsl:URI>
</tsl:AdditionalServiceInformation>

2.8.7. Qualified Time Stamp Service TSS 2014 01

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name:

English: Qualified Time Stamp Service TSS 2014 01

Hungarian: Minősített időbélyegzés TSS 2014 01

Service digital identity: *Subject key identifier:*

1B A2 8D 2B 9C 62 E5 E5 54 33 A6 E5 01 2E 25 6E C7 AD 5D B6

Service digital identity: *Version:*

3

Serial number:

6 970 241 239 754 303 107 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

CN=Minősített Időbélyegző TSS1 – GOV CA,O=NISZ Nemzeti Infokommunikációs Szolgáltató Zrt.,L=Budapest,C=HU

Issuer:

CN=Minősített Tanúsítványkiadó v2 - GOV CA,O=NISZ Nemzeti Infokommunikációs Szolgáltató Zrt.,L=Budapest,C=HU

Subject key identifier:

1B A2 8D 2B 9C 62 E5 E5 54 33 A6 E5 01 2E 25 6E C7 AD 5D B6

Authority key identifier:

F4 A3 3B 8F 29 7A 31 28 CF 6B C8 86 F8 26 A8 CB DD 27 88 80

Valid from:

2014-01-28T09:50:20.000Z   (28 Jan 2014 10:50:20 CET)

Valid to:

2023-01-28T09:50:20.000Z   (28 Jan 2023 10:50:20 CET)

Key usage:

nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

C7:C4:E1:C8:D3:97:D5:7F:11:F7:D3:F1:49:C2:31:90:4A:F7:0C:5A

SHA-256:

63:B4:5C:03:C2:86:3E:3F:87:22:57:E5:50:D5:23:33:D2:B8:EB:C8:55:B6:1B:93:54:FD:AC:CB:2E:04:8F:E0

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100A02F43785D05B8C275E865D9D9FC2E98DAA03A9066CFC920ED9DC32BDF51F49E6A31356F2ECF
33D47724DC3692861D95108E929541AE1CD84697606C965F2FCE966BEB2F12390A143726D137ED04D302A0C8F48C81
F2322CCD4FE1BE30FCE5B3C248FA8F148E1B4E91830F1FD292E1A8BABD18D7A2F202BAA4F972D3A9159096218B2252
C26D81A6C524FFD8E2065144293428175D57D88308AF3B4BEE3466BD489ACF8EB9EF6CC2298ED19F676529FB9E617A
61B09748D7F0190F23F7258996978FDD762C060D56E7E29A8F2C13994C433D804137240CCD28550B44D57C53F9880A
DA6D2F240A8905AFC1758B1DF7162BBBD465FDF7833B143DF6C4C4AE6E0B0203010001

Certificate policies:

0.2.216.1.200.1100.100.42.3.1.5.1

cPSuri = http://hiteles.gov.hu/szabalyzatok

userNotice = Ez a NISZ Zrt. időbélyegzés szolgáltatói tanúsítványa,
értelmezéséhez és elfogadásához a NISZ Szolgáltatási Szabályzata (HSZSZ-M)
szerint kell eljárni. További információk: http://hiteles.gov.hu

CRL distribution points:

http://qca.hiteles.gov.hu/crl/GOVCA-Qv2.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIG0jCCBbqgAwIBAgIIYLtFekZVZoMwDQYJKoZIhvcNAQELBQAwgZYxCzAJBgNVBAYTAkhVMREw
DwYDVQQHDAhCdWRhcGVzdDE8MDoGA1UECgwzTklTWiBOZW16ZXRpIEluZm9rb21tdW5pa2FjaW9z
s3MgU3pvbGfDoWx0YXTDsyBacnQuMTYwNAYDVQQDDClNaW7FkXPDrXRldHQgVGFuw7pzw6l0dsOh
bnlraWFkw7MgdjIgLSBHT1YgQ0EwHhcNMTQwMTI4MDk1MDIwWhcNMjMwMTI4MDk1MDIwWjCBlDEL
MAkGA1UEBhMCSFUxETAPBgNVBAcMCEJ1ZGFwZXN0MTwwOgYDVQQKDDNOSVNaIE5lbXpldGkgSW5m
b2tvbW11bmlrw6FjaoOzcyBTem9sZ8OhbHRhdMOzIFpydC4xNDAyBgNVBAMMK01pbsWRc8OtdGV0
dCBJZMWRYsOpbHllZ3rFkSBUU1MxIOKAkyBHT1YgQ0EwggEiMA0GCSqGSIb3DQEBAQUAA4IBDwAw
ggEKAoIBAQCgL0N4XQW4wnXoZdnZ/C6Y2qA6kGbPySDtncMr31H0nmoxNW8uzzPUdyTcNpKGHZUQ
jpKVQa4c2EaXYGyWXy/OlmvrLxI5ChQ3JtE37QTTAqDI9IyB8jIszU/hvjD85bPCSPqPFI4bTpGD
Dx/SkuGour0Y16LyArqk+XLTqRWQliGLIlLCbYGmxST/2OIGUUQpNCgXXVfYgwivO0vuNGa9SJrP
jrnvbMIpjtGfZ2Up+55hemGwl0jX8BkPI/cliZaXj912LAYNVufimo8sE5lMQz2AQTckDM0oVQtE
1XxT+YgK2m0vJAqJBa/BdYsd9xYru9Rl/feDOxQ99sTErm4LAgMBAAGjggMiMIIDHjB1BggrBgEF
BQcBAQRpMGcwNwYIKwYBBQUHMAKGK2h0dHA6Ly9xY2EuaGl0ZWxlcy5nb3YuaHUvY2VyL0dPVkNB
LVF2Mi5jZXIwLAYIKwYBBQUHMAGGIGh0dHA6Ly9xb2NzcC5oaXRlbGVzLmdvdi5odS9vY3NwMB0G
A1UdDgQWBBQboo0rnGLl5VQzpuUBLiVux61dtjAMBgNVHRMBAf8EAjAAMB8GA1UdIwQYMBaAFPSj
O48pejEoz2vIhvgmqMvdJ4iAMIIB7wYDVR0gBIIB5jCCAeIwggHeBg4CgVgBgUiITGQqAwEFATCC
AcowLgYIKwYBBQUHAgEWImh0dHA6Ly9oaXRlbGVzLmdvdi5odS9zemFiYWx5emF0b2swggGWBggr
BgEFBQcCAjCCAYgeggGEAEUAegAgAGEAIAB0AEkAUwBaACAAWgByAHQALgAgAGkAZAFRAGIA6QBs
AHkAZQBnAHoA6QBzACAAcwB6AG8AbABnAOEAbAB0AGEAdADzAGkAIAB0AGEAbgD6AHMA7QB0AHYA
4QBuAHkAYQAsACAAA6QByAHQAZQBsAG0AZQB6A0kAcwDpAGgAZQB6ACAA6QBzACAAZQBsAGYAbwBn
AGEAZADhAHMA4QBoAG8AaegAgAGEAIAB0AEkAUwBaACAAUwB6AG8AbABnAOEAbAB0AGEAdADhAHMA
aQAgAFMAegBhAGIA4QBsAHkAegBhAHQAYQAgACgASABTAFoAUwBaAC0ATQApACAAcwB6AGUAcgBp
AG4AdAAgAGsAZQBsAGwAIABlAGwAagDhAHIAbgBpAC4AIABUAGEAdgDhAGIAYgBpACAAaQBuAGYA
bwByAG0A4QBjAGkA8wBrADoAIABoAHQAdABwADoALwAvAGgAaQB0AGUAbABlAHMALgBnAG8AdgAu
AGgAdTA8BgNVHR8ENTAzMDGgL6Athi todHRwOi8vcWNhLmhpdGVsZXMuZ292Lmh1L2NybC9HT1ZD
QS1RdjIuY3JsMA4GA1UdDwEB/wQEAwIGQDAWBgNVHSUBAf8EDDAKBggrBgEFBQcDCDANBgkqhkiG
9w0BAQsFAAOCAQEAT7JTeUKX5ituyeOsxyWKPaH5mMKy2X7I2G0H/M6+vpB2KUvc0ZIf3zCcF5/o
Voj05r7x9RJcpODlReUTTL1aJVO2JokqnaR6BWWuIag2XHtLjtacQkqivbkZ4IYFi1w9DKm/EEze
+X1fNMpRXwwzTIfJ0LRgyB6U3zYi+mfbEB5d7UILolAqFH8weZHAhcrXEuQvCa9RhJTsQyX2JJY
/e14ynGuDz/bkOkOE5lihie2cfHrfEPVhFmNKqAbA7vXwM5Dt5omahBxhzIjr+DEWK4o7RoIiHxm
SX8AD4m681pVgtyHmQlsIKO3DzCaXPdr6oBIwb/cqKSeYVCR3kYu9w==
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time: 2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points: https://tsa.hiteles.gov.hu/ts

2.8.7.1. Qualified Time Stamp Service TSS 2014 01

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified Time Stamp Service TSS 2014 01

Hungarian: Minősített időbélyegzés TSS 2014 01

Service digital identity: *Subject key identifier:*

1B A2 8D 2B 9C 62 E5 E5 54 33 A6 E5 01 2E 25 6E C7 AD 5D B6

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.

Status starting time: 2014-01-28T09:50:20.000Z   (28 Jan 2014 10:50:20 CET)

2.8.8. Qualified Time Stamp Service TSS 2014 02

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified Time Stamp Service TSS 2014 02

Hungarian: Minősített időbélyegzés TSS 2014 02

Service digital identity:

Subject key identifier:

49 FE 0B 95 77 1F F0 1E A3 00 FC 49 BD 16 D7 31 CA F2 AD AC

Service digital identity:

Version:

3

Serial number:

3 865 932 355 890 067 953 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

CN=Minősített Időbélyegző TSS2 – GOV CA,O=NISZ Nemzeti Infokommunikációs Szolgáltató Zrt.,L=Budapest,C=HU

Issuer:

CN=Minősített Tanúsítványkiadó v2 - GOV CA,O=NISZ Nemzeti Infokommunikációs Szolgáltató Zrt.,L=Budapest,C=HU

Subject key identifier:

49 FE 0B 95 77 1F F0 1E A3 00 FC 49 BD 16 D7 31 CA F2 AD AC

Authority key identifier:

F4 A3 3B 8F 29 7A 31 28 CF 6B C8 86 F8 26 A8 CB DD 27 88 80

Valid from:

2014-01-28T09:50:48.000Z   (28 Jan 2014 10:50:48 CET)

Valid to:

2023-01-28T09:50:48.000Z   (28 Jan 2023 10:50:48 CET)

Key usage:

nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

1A:3F:C7:D3:17:BD:47:C0:DA:55:68:48:E8:A4:0C:AE:3E:23:96:8B

SHA-256:

93:6D:24:51:6A:4E:EE:9B:9B:EB:F2:3F:EC:31:90:A4:E7:A1:39:6A:F6:F4:3C:66:88:BA:DB:E6:6A:40:07:DF

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100BB0AEF94ACDA142BD13D7B6E363C3594313164CF6D24C1A37E349D2B290D445C50CE3DFA3134
4C8A767F548137E2881ED8C9DDCC0A6880CC777768E2CB7CE776342E99CAB3E68D512CE35988525AC94EC2B739F832
68E0B07C316E080CA64554AFAC1EF021621B3FDF6F1C15AA27FCC30AA1B96A9EC98665E95F8B5B124783AC7A6DDE29
3B740027E007FD81FFEFA73475BB32377DB2398B637ACC52CC3E0EB7FC74E50CC0273EB70CD04095E1A59085C79067
E4636E7CFCA424B5D7B6FAD9E3F15FBB7D8D95C0D9EF14F2C09C5C4B68CD9097E96859D14B7383DB0942D4EA3EFE3F
5F970F0AF1FDAD9453C032FE8D361103ED0AB90EE2F792E6AD6B7E047BB50203010001

Certificate policies:

0.2.216.1.200.1100.100.42.3.1.5.1

cPSuri = http://hiteles.gov.hu/szabalyzatok

userNotice = Ez a NISZ Zrt. időbélyegzés szolgáltatói tanúsítványa,
értelmezéséhez és elfogadásához a NISZ Szolgáltatási Szabályzata (HSZSZ-M)
szerint kell eljárni. További információk: http://hiteles.gov.hu

CRL distribution points:

http://qca.hiteles.gov.hu/crl/GOVCA-Qv2.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIG0jCCBbqgAwIBAgIINaaM/r6EOfEwDQYJKoZIhvcNAQELBQAwgZYxCzAJBgNVBAYTAkhVMREw
DwYDVQQHDAhCdWRhcGVzdDE8MDoGA1UECgwzTklTWiB0ZW16ZXRpIEluZm9rb21tdW5pa2FjaW9z
s3MgU3pvbGfDoWx0YXTDsyBacnQuMTYwNAYDVQQDDC1NaW7FkXPDrXRldHQgVGFuw7pzw610dsOh
bnlraWFkw7MgdjIgLSBHT1YgQ0EwHhcNMTQwMTI4MDk1MDQ4WhcNMjMwMTI4MDk1MDQ4WjCB1DEL
MAkGA1UEBhMCSFUxETAPBgNVBAcMCEJlZGFwZXN0MTwwOgYDVQQKDDNOSVNaIE5lbXpldGkgSW5m
b2tvbW11bmlrw6FjacOzcyBTem9sZ8OhbHRhdMOzIFpydC4xNDAyBgNVBAMMK01pbsWRc8OtdGV0
dCBJZMWRYsOpbHllZ3rFkSBUU1MyIOKAkyBHT1YgQ0EwggEiMA0GCSqGSIb3DQEBAQUAA4IBDwAw
ggEKAoIBAQC7Cu+UrNoUK9E9e242PDWUMTFkz20kwaN+NJ0rKQ1EXFDOPfoxNEyKdn9UgTfiiB7Y
yd3MCmiAzHd3aOLLf0d2NC6ZyrPmjVEs41mIUlrJTsK30fgyaOCwfDFuCAymRVSvrB7wIWIbP99v
HBWqJ/zDCqG5ap7JhmXpX4tbEkeDrHpt3ik7dAAn4Af9gf/vpzR1uzI3fbI5i2N6zFLMPg63/HTl
DMAnPrcM0ECV4aWQhceQZ+Rjbnz8pCS117b62ePxX7t9jZXA2e8U8sCcXEtozZCX6WhZ0Utzg9sJ
QtTqPv4/X5cPCvH9rZRTwDL+jTYRA+0KuQ7i95LmrWt+BHulAgMBAAGjggMiMIIDHjB1BggrBgEF
BQcBAQRpMGcwNwYIKwYBBQUHMAKGK2h0dHA6Ly9xY2EuaGl0ZWxlcy5nb3YuaHUvY2VyL0dPVkNB
LVF2Mi5jZXIwLAYIKwYBBQUHMAGGIGh0dHA6Ly9xb2NzcC5oaXRlbGVzLmdvdi5odS9vY3NwMB0G
A1UdDgQWBBRJ/guVdx/wHqMA/Em9FtcxyvKtrDAMBgNVHRMBAf8EAjAAMB8GA1UdIwQYMBaAFPSj
048pejEoz2vIhvgmqMvdJ4iAMIIB7wYDVR0gBIIB5jCCAeIwggHeBg4CgVgBgUiITGQqAwEFATCC
AcowLgYIKwYBBQUHAgEWImh0dHA6Ly9oaXRlbGVzLmdvdi5odS9zemFiYWx5emF0b2swggGWBggr
BgEFBQcCAjCCAYgeggGEAEUAegAgAGEAIAB0AEkAUwBaACAAWgByAHQALgAgAGkAZAFRAGIA6QBs
AHkAZQBnAHoA6QBzACAAcwB6AG8AbABnAOEAbAB0AGEAdADzAGkAIAB0AGEAbgD6AHMA7QB0AHYA
4QBuAHkAYQAsACAAA6QByAHQAZQBsAG0AZQB6AOkAcwDpAGgAZQB6ACAAA6QBzACAAZQBsAGYAbwBn
AGEAZADhAHMA4QBoAG8AAegAgAGEAIAB0AEkAUwBaACAAUwB6AG8AbABnAOEAbAB0AGEAdADhAHMA
aQAgAFMAegBhAGIA4QBsAHkAegBhAHQAYQAgACgASABTAFoAUwBaAC0ATQApACAAcwB6AGUAcgBp
AG4AdAAgAGsAZQBsACAAZQBsAGwAagDhAHIAbgBpAC4AIABUAGB8AdgDhAGIAYgBpACAAaQBuAGYA
bwByAG0A4QBjAGkA8wBrADoAIABoAHQAdABwADoALwAvAGgAaQB0AGUAbABl1AHMALgBnAG8AdgAu
AGgAdTA8BgNVHR8ENTAzMDGgL6Athi todHRwOi8vcWNhLmhpdGVsZXMuZ292Lmh1L2NybC9HT1ZD
QS1RdjIuY3JsMA4GA1UdDwEB/wQEAwIGQDAWBgNVHSUBAf8EDDAKBggrBgEFBQcDCDANBgkqhkiG
9w0BAQsFAAOCAQEAUHvvya5fmO3a1s6rsUGL8XlXbl1SMlpwmFLv0Z/+m7+Yk+dqxagHMnFJQoGJ
dZ2HheLR3f28hEe9JMnOxhYlGEJp2Igz/7idVBQVsYb5s2dKwsy2ldqUuIFJb5Dv4oDl7hVCB2m1
7Z7+VRmyD2SnvsmR0w/5w5lgt6dq0dagNyIJAb8zWUJJA2x/4JEfnpp5VDs7czZH3j7FRQhzOsgZ
E3jmE4mdKczsvX/RKLCOBYAlaBAwwdIWedzMqXP/QRphuX3Po38rLuYEzkPaqKjSA28y7kUbDGnK
x/MGiIq/h26zDLhvVIzPMcLD9q0rUPPJH9AdZi+qteLQoPS5HsXokA==
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points:

https://tsa.hiteles.gov.hu/ts

2.8.8.1. Qualified Time Stamp Service TSS 2014 02

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name:

English: Qualified Time Stamp Service TSS 2014 02

Hungarian: Minősített időbélyegzés TSS 2014 02

Service digital identity: *Subject key identifier:*

49 FE 0B 95 77 1F F0 1E A3 00 FC 49 BD 16 D7 31 CA F2 AD AC

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2014-01-28T09:50:48.000Z   (28 Jan 2014 10:50:48 CET)

2.8.9. Qualified Time Stamp Service TSS 2014 03

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name:
English: Qualified Time Stamp Service TSS 2014 03

Hungarian: Minősített időbélyegzés TSS 2014 03

Service digital identity: *Subject key identifier:*

94 E7 EA 47 A4 6C 83 0F 62 D3 03 DE E0 E3 3E 53 E4 6F 9F 14

Service digital identity: *Version:*

3

Serial number:

3 653 889 426 482 353 739 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

CN=Minősített Időbélyegző TSS3 – GOV CA,O=NISZ Nemzeti Infokommunikációs Szolgáltató Zrt.,L=Budapest,C=HU

Issuer:

CN=Minősített Tanúsítványkiadó v2 - GOV CA,O=NISZ Nemzeti Infokommunikációs Szolgáltató Zrt.,L=Budapest,C=HU

Subject key identifier:

94 E7 EA 47 A4 6C 83 0F 62 D3 03 DE E0 E3 3E 53 E4 6F 9F 14

Authority key identifier:

F4 A3 3B 8F 29 7A 31 28 CF 6B C8 86 F8 26 A8 CB DD 27 88 80

Valid from:

2014-01-28T09:51:10.000Z   (28 Jan 2014 10:51:10 CET)

Valid to:

2023-01-28T09:51:10.000Z   (28 Jan 2023 10:51:10 CET)

Key usage:

nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

A8:41:92:D3:C8:7C:82:D3:49:D5:9D:E6:4B:36:C5:39:78:94:2E:79

SHA-256:

8D:EE:6A:ED:10:78:8D:9B:ED:DC:2F:11:14:19:CE:CF:90:0F:2F:E3:61:DE:BF:A2:3F:22:7F:EB:95:8B:CB:43

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100D3F1078D4EC3A29BAA50ABE96F738077B940F27F51E0B63A39B45C56366DC220D42107895553
AB0E31AE63B823AE8B00BB856C2D33FD90C56FD462C1F8C63A4EE1872C4BEDADAEC79DD1204AFFCB1CCD1ACBEDDB9E
4742C73D6FE55573B50EEEC507FADD6AF853728EFF6A605D1DBC1D63155039AC5202E1EFB1F331233D4BC7B482892B
9052FAF3AAA5F5A12F32D6635DD3D446E612A740887ED9F4AD2C8E1F916F933BBA4CDDC44042954C6AFF77DA3B0666
472D26D12EA1E1EACF4EA7B83B50280F25270182FC2B1E583765B72259E11EBCBA43F83D4082B9F98BED9E7B2427EE
CD6458FDEDA3237AC97FEC7033B861C4882E8630CAC000959904957DF43F0203010001

Certificate policies:

0.2.216.1.200.1100.100.42.3.1.5.1

cPSuri = http://hiteles.gov.hu/szabalyzatok

userNotice = Ez a NISZ Zrt. időbélyegzés szolgáltatói tanúsítványa,
értelmezéséhez és elfogadásához a NISZ Szolgáltatási Szabályzata (HSZSZ-M)
szerint kell eljárni. További információk: http://hiteles.gov.hu

CRL distribution points:

http://qca.hiteles.gov.hu/crl/GOVCA-Qv2.crl

PEM format:

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-----BEGIN CERTIFICATE-----
MIIG0jCCBbqgAwIBAgIIMrU5EwIJVkswDQYJKoZIhvcNAQELBQAwgZYxCzAJBgNVBAYTAkhVMREw
DwYDVQQHDAhCdWRhcGVzdDE8MDoGA1UECgwzTklTWiBOZW16ZXRpIEluZm9rb21tdW5pa2FjacOz
s3MgU3pvbGfDoWx0YXTDsyBacnQuMTYwNAYDVQQDDClNaW7FkXPDrXRldHQgVGFuw7pzw610dsOh
bnlraWFkw7MgdjIgLSBHT1YgQ0EwHhcNMTQwMTI4MDk1MTEwWhcNMjMwMTI4MDk1MTEwWjCBlDEL
MAkGA1UEBhMCSFUxETAPBgNVBAcMCEJlZGFwZXN0MTwwOgYDVQQKDDNOSVNaIE5lbXpldGkgSW5m
b2tvbW11bmlrw6FjacOzcyBTem9sZ8OhbHRhdMOzIFpydC4xNDAyBgNVBAMMK01pbswRc80tdGV0
dCBJZMWRYsOpbHllZ3rFkSBUU1MzIOKAkyBHT1YgQ0EwggEiMA0GCSqGSIb3DQEBAQUAA4IBDwAw
ggEKAoIBAQDT8QeNTsOim6pQq+lvc4B3uUDyf1Hgtjo5tFxWNm3CINQhB4lVU6sOMa5juCOuiwC7
hWvtM/2QxW/UYsH4xjpO4YcsS+2trsed0SBK/8sczRrL7dueR0LHPW/lVXO1Du7FB/rdavhTco7/
amBdHbwdYxVQOaxSAuHvsfMxIz1Lx7SCiSuQUvrzqqX1oS8y1mNd09RG5hKnQIh+2fStLI4fkW+T
O7pM3cRAQpVMav932jsGZkctJtEuoeHqz06nuDtQKA8lJwGC/CsewDDdltyJZ4R68ukP4PUCCufmL
7Z57JCfuzWRY/e2jI3rJf+xwM7hhxIguhjDKwACVmQSVffQ/AgMBAAGjggMiMIIDHjB1BggrBgEF
BQcBAQRpMGcwNwYIKwYBBQUHMAKGK2h0dHA6Ly9xY2EuaGl0ZWxlcy5nb3YuaHUvY2VyL0dPVkNB
LVF2Mi5jZXIwLAYIKwYBBQUHMAGGIGh0dHA6Ly9xb2NzcC5oaXRlbGVzLmdvdi5odS9vY3NwMB0G
A1UdDgQWBBSU5+pHpGyDD2LTA79g4z5T5G+fFDAMBgNVHRMBAf8EAjAAMB8GA1UdIwQYMBaAFPSj
O48pejEoz2vIhvgmqMvdJ4iAMIIB7wYDVR0gBIIB5jCCAeIwggHeBg4CgVgBgUiITGQqAwEFATCC
AcowLgYIKwYBBQUHAgEWImh0dHA6Ly9oaXRlbGVzLmdvdi5odS9zemFiYWx5emF0b2swggGWBggr
BgEFBQcCAjCCAYgeggGEAEUAegAgAGEAIAB0AEkAUwBaACAAWgByAHQALgAgAGkAZAFRAGIA6QBs
AHkAZQBnAHoA6QBzACAAcwB6AG8AbABnAOEAbAB0AGEAdADzAGkAIAB0AGEAbgD6AHMA7QB0AHYA
4QBuAHkAYQAsACAAA6QByAHQAZQBsAG0AZQB6A0kAcwDpAGgAZQByAAAG2QBzACAAZQBsAGYAbwBn
AGEAZADhAHMA4QBoAG8AegAgAGEAIAB0AEkAUwBaACAAUwB6AG8AbABnAOEAbAB0AGEAdADhAHMA
aQAgAFMAegBhAGIA4QBsAHkAegBhAHQAYQAgACgASABTAFoAUwBaAC0ATQApACAAcwB6AGUAcgBp
AG4AdAAgAGsAZQBsAGwAIABlAGwAagDhAHIAbgBpAC4AIABUAGB4AdgDhAGIAYgBpACAAaQBuAGYA
bwByAG0A4QBjAGkA8wBrADoAIABoAHQAdABwAD0ALwAvAGgAQB0AGUAbABlAHMALgBnAG8AdgAu
AGgAdTA8BgNVHR8ENTAzMDGgL6AthitodHRwOi8vcWNhLmhpdGVsZXMuZ292Lmh1L2NybC9HT1ZD
QS1RdjIuY3JsMA4GA1UdDwEB/wQEAwIGQDAWBgNVHSUBAf8EDDAKBggrBgEFBQcDCDANBgkqhkiG
9w0BAQsFAA0CAQEATMHA3lAMq2Rhe38Z+KPs/7wWnSa2+RkNl6Mi9DYRG55tzVgAPXDpOoqdisht
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hdoDMRcJ6z/KKa36l4M0uuE3JiAwT91x4ojBOPJ/keVwCccvZte35Q==
-----END CERTIFICATE-----
```

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points:

https://tsa.hiteles.gov.hu/ts

2.8.9.1. Qualified Time Stamp Service TSS 2014 03

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name: *English:* Qualified Time Stamp Service TSS 2014 03

Hungarian: Minősített időbélyegzés TSS 2014 03

Service digital identity: *Subject key identifier:*

94 E7 EA 47 A4 6C 83 0F 62 D3 03 DE E0 E3 3E 53 E4 6F 9F 14

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2014-01-28T09:51:10.000Z   (28 Jan 2014 10:51:10 CET)

2.8.10. Qualified Time Stamp Service TSS 2014 04

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name:

English: Qualified Time Stamp Service TSS 2014 04

Hungarian: Minősített időbélyegzés TSS 2014 04

Service digital identity: *Subject key identifier:*

FD 93 B7 D9 59 3A F4 04 FE D5 1E E2 65 74 25 CE 83 EF 1D 37

Service digital identity: *Version:*

3

Serial number:

4 818 190 724 059 480 598 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

CN=Minősített Időbélyegző TSS4 – GOV CA,O=NISZ Nemzeti Infokommunikációs Szolgáltató Zrt.,L=Budapest,C=HU

Issuer:

CN=Minősített Tanúsítványkiadó v2 - GOV CA,O=NISZ Nemzeti Infokommunikációs Szolgáltató Zrt.,L=Budapest,C=HU

Subject key identifier:

FD 93 B7 D9 59 3A F4 04 FE D5 1E E2 65 74 25 CE 83 EF 1D 37

Authority key identifier:

F4 A3 3B 8F 29 7A 31 28 CF 6B C8 86 F8 26 A8 CB DD 27 88 80

Valid from:

2014-01-28T09:51:32.000Z   (28 Jan 2014 10:51:32 CET)

Valid to:

2023-01-28T09:51:32.000Z   (28 Jan 2023 10:51:32 CET)

Key usage:

nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

A5:08:87:EC:C1:7F:B3:CF:CF:C1:E9:56:0B:EC:AE:BB:F0:72:88:0D

SHA-256:

2F:A0:47:74:E6:7C:38:E3:36:6A:DE:38:36:A4:BB:B1:3B:BE:D6:9B:55:57:16:73:C3:42:5A:8A:57:AB:E5:AE

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100E75C44FE0B755D8DA48BCF70714CB37CCD9304F6983FA100D1DAF962031D3D1AB7F8637CF168
11E09004B163D1947B9E82B9045E768C74E468529BD0BE1E152264EF1257671C31A4DDC3FB4592B458A045509A6E35
B4E2E1A160B636E5504B4B256320FD7963FB6A6AD07D0201DABDC98C015B56BC2B56DAE7D28F573C5FEC3511CF6726
7F5D899CD392541332F53EBDD18B8FF57ECAC60013B86F007CCA3EF3A700CFDFF20675C328812AE4D9582C13BF25F6
AFEE2B7276664ED8ACB1101BB9138697C4CE89F9D51D1AF7A31C626220DDC5FB00825DD403BFFCAD61178545EAD692
1F2D1911EB8D03044064C8823824A0521005D47BEB4CECB16A14BB0DDCCD0203010001

Certificate policies:

0.2.216.1.200.1100.100.42.3.1.5.1

cPSuri = http://hiteles.gov.hu/szabalyzatok

userNotice = Ez a NISZ Zrt. időbélyegzés szolgáltatói tanúsítványa,
értelmezéséhez és elfogadásához a NISZ Szolgáltatási Szabályzata (HSZSZ-M)
szerint kell eljárni. További információk: http://hiteles.gov.hu

CRL distribution points:

http://qca.hiteles.gov.hu/crl/GOVCA-Qv2.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIG0jCCBbqgAwIBAgIIQt2m74elwhYwDQYJKoZIhvcNAQELBQAwgZYxCzAJBgNVBAYTAkhVMREw
DwYDVQQHDAhCdWRhcGVzdDE8MDoGA1UECgwzTklTWiBOZW16ZXRpIEluZm9rb21tdW5pa2FjaW9z
s3MgU3pvbGfDoWx0YXTDsyBacnQuMTYwNAYDVQQDDC1NaW7FkXPDrXRldHQgVGFuw7pzw610ds0h
bnlraWFkw7MgdjIgLSBHT1YgQ0EwHhcNMTQwMTI4MDk1MTMyWhcNMjMwMTI4MDk1MTMyWjCB1DEL
MAkGA1UEBhMCSFUxETAPBgNVBAcMCEJlZGFwZXN0MTwwOgYDVQQKDDNOSVNaIE5lbXpldGkgSW5m
b2tvbW1lbmlrw6FjaocOzcyBTem9sZ8OhbHRhdMOzIFpydC4xNDAyBgNVBAMMK01pbswRc80tdGV0
dCBJZMWRYsOpbHllZ3rFkSBUU1M0IOKAkyBHT1YgQ0EwggEiMA0GCSqGSIb3DQEBAQUAA4IBDwAw
ggEKAoIBAQDnXET+C3VdjaSLz3BxTLN8zZME9pg/oQDR2vliAx09Grf4Y3zxaBHgkASxY9GUe56C
uQRedox05GhSm9C+HhUiZO8SV2ccMaTdw/tFkrRYoEVQmm41tOLhoWC2NuVQS0slYyD9eWP7amrQ
fQIB2r3JjAFbVrwrVtrn0o9XPF/sNRHPZyZ/XYmc05JUEzL1Pr3Ri4/1fsrGAB04bwB8yj7zpwDP
3/IGdcMogSrk2VgsE78l9q/uK3J2Zk7YrLEQG7kThpfEzon51R0a96McYmIg3cX7AIJd1AO//K1h
F4VF6taSHy0ZEeuNAwRAZMiCOCSgUhAF1HvrTOyxahS7DdzNAgMBAAGjggMiMIIDHjB1BggrBgEF
BQcBAQRpMGcwNwYIKwYBBQUHMAKGK2h0dHA6Ly9xY2EuaGl0ZWxlcy5nb3YuaHUvY2VyL0dPVkNB
LVF2Mi5jZXIwLAYIKwYBBQUHMAGGIGh0dHA6Ly9xb2NzcC5oaXRlbGVzLmdvdi5odS9vY3NwMB0G
A1UdDgQWBBT9k7fZWTr0BP7VHuJldCX0g+8dNzAMBgNVHRMBAf8EAjAAMB8GA1UdIwQYMBaAFPSj
O48pejEoz2vIhvgmqMvdJ4iAMIIB7wYDVR0gBIIB5jCCAeIwggHeBg4CgVgBgUiITGQqAwEFATCC
AcowLgYIKwYBBQUHAgEWImh0dHA6Ly9oaXRlbGVzLmdvdi5odS9zemFiYWx5emF0b2swggGWBggr
BgEFBQcCAjCCAYgeggGEAEUAegAgAGEAIABOAEkAUwBaACAAWgByAHQALgAgAGkAZAFRAGIA6QBs
AHkAZQBnAHoA6QBzACAAcwB6AG8AbABnAOEAbAB0AGEAdADzAGkAIAB0AGEAbgD6AHMA7QB0AHYA
4QBuAHkAYQAsACAA6QByAHQAZQBsAG0AZQB6A0kAcwDpAGgAZQB6ACAA6QBzACAAZQBsAGYAbwBn
AGEAZADhAHMA4QBoAG8AegAgAGEAIABOAEkAUwBaACAAUwB6AG8AbABnAOEAbAB0AGEAdADhAHMA
aQAgAFMAegBhAGIA4QBsAHkAegBhAHQAYQAgACgASABTAFoAUwBaAC0ATQApACAAcwB6AG6AUcgBp
AG4AdAAgAGsAZQBsAGwAIABlAGwAagDhAHIAbgBpAC4AIABUAG8AdgDhAGIAYgBpACAAaQBuAGYA
bwByAG0A4QBjAGkA8wBrADoAIABoAHQAdABwADoALwAvAGgAaQB0AGUAbABlAHMALgBnAG8AdgAu
AGgAdTA8BgNVHR8ENTAzMDGgL6Athi todHRwOi8vcWNhLmhpdGVsZXMuZ292Lmh1L2NybC9HT1ZD
QS1RdjIuY3JsMA4GA1UdDwEB/wQEAwIGQDAWBgNVHSUBAf8EDDAKBggrBgEFBQcDCDANBgkqhkiG
9w0BAQsFAAOCAQEAW3eezDiV2EM0CaAf4B4LgXXFlqUsjA93vZyH1REpKMsl0zKEdq9euxZDxmw4
OFURVcp0fZ8FGZptuoGVU/CSMRud2jANhFetHoOumA3mt/uJmYTmVjOTchxry/qhIJYKg8SMxGGF
XlTq/q7igS4i05xTPzkyMdlINybjrumtnYQZ4TQEMc7x2ZLwT/Qh6Z9B7/dKG6QH9itoQiCP/tm3
XNcEjmE6Z1AmDpuycV+eiSUDYG0QMKzWMqfe/MOxHx1WQ2A1nrakkc+fHhG+n8MyV4KBsUK3HR0N
akLZF2sIH6bquEOChLRUZFmh8HDJAzUeUVfTM8yuWj07D0nWTy6w2Q==
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points:

https://tsa.hiteles.gov.hu/ts

2.8.10.1. Qualified Time Stamp Service TSS 2014 04

```
Provider: 8
Service: 10
History: 1/1
```

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name: *English:* Qualified Time Stamp Service TSS 2014 04

 Hungarian: Minősített időbélyegzés TSS 2014 04

Service digital identity: *Subject key identifier:*

FD 93 B7 D9 59 3A F4 04 FE D5 1E E2 65 74 25 CE 83 EF 1D 37

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2014-01-28T09:51:32.000Z (28 Jan 2014 10:51:32 CET)

2.8.11. Qualified Time Stamp Service TSS 2014 05

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.

Service name: *English:* Qualified Time Stamp Service TSS 2014 05

Hungarian: Minősített időbélyegzés TSS 2014 05

Service digital identity: *Subject key identifier:*

FE 8D 68 F2 0F E0 25 74 C4 B0 AD 0D D9 CC F9 CE 7C 0E 36 82

Service digital identity: *Version:*

3

Serial number:

7 576 452 268 555 965 084 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

CN=Minősített Időbélyegző TSS5 – GOV CA,O=NISZ Nemzeti Infokommunikációs Szolgáltató Zrt.,L=Budapest,C=HU

Issuer:

CN=Minősített Tanúsítványkiadó v2 - GOV CA,O=NISZ Nemzeti Infokommunikációs Szolgáltató Zrt.,L=Budapest,C=HU

Subject key identifier:

FE 8D 68 F2 0F E0 25 74 C4 B0 AD 0D D9 CC F9 CE 7C 0E 36 82

Authority key identifier:

F4 A3 3B 8F 29 7A 31 28 CF 6B C8 86 F8 26 A8 CB DD 27 88 80

Valid from:

2014-01-28T09:51:50.000Z   (28 Jan 2014 10:51:50 CET)

Valid to:

2023-01-28T09:51:50.000Z   (28 Jan 2023 10:51:50 CET)

Key usage:

nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

8C:6E:DF:1A:07:4E:29:B9:7A:26:54:14:CB:C7:E3:C7:BE:DF:CE:B6

SHA-256:

45:ED:E3:5B:A2:58:E3:42:4B:A2:1A:5E:A1:27:85:B3:BA:74:3B:DD:70:4A:63:22:66:BD:DB:CE:8E:EE:4A:23

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A0282010100B9EA2B13A8F5EB9104D3DBE7C49DC36F28226E9DDE7DF97649DE3BEF9A20E661F2E8AD1E3C16
6B6B22AD7C81D77D996B0DFF0C7B0D71FACC3B83EB8F2E22F5FD603AF5D013E9245B4428FD066B744E5C594A42A48D
2B318306EF1341C32EECEFA47488DDF1C52DB4A22581771A7565ADFBDE04116B6F16339CAB48CAC50B1A62D169B359
9350CFD608AEAA81E604EB1E92AD16A0E68A8084A232641ADF247D142AE9674011B210AC8F527BBAB27E73256DAD13
B0181DCC8F2567762D74516C625E5A692C37A9D0D84459CFA5B2859A808F522C0F6CE83F70314605AC1D11FBA8BE50
6C2B8F85A0CC38176B705A110A99764F4DE2A8730703C5728C8978B6666F0203010001

Certificate policies:

0.2.216.1.200.1100.100.42.3.1.5.1

cPSuri = http://hiteles.gov.hu/szabalyzatok

userNotice = Ez a NISZ Zrt. időbélyegzés szolgáltatói tanúsítványa,
értelmezéséhez és elfogadásához a NISZ Szolgáltatási Szabályzata (HSZSZ-M)
szerint kell eljárni. További információk: http://hiteles.gov.hu

CRL distribution points:

http://qca.hiteles.gov.hu/crl/GOVCA-Qv2.crl

PEM format:

-----BEGIN CERTIFICATE-----
MIIG0jCCBbqgAwIBAgIIaST3Mkz7EpwwDQYJKoZIhvcNAQELBQAwgZYxCzAJBgNVBAYTAkhVMREw
DwYDVQQHDAhCdWRhcGVzdDE8MDoGA1UECgwzTklTWiBOZW16ZXRpEluZm9rb21tdW5pa2F0Y2n6
s3MgU3pvbGfDoWx0YXTDsyBacnQuMTYwNAYDVQQDDC1NaW7FkXPDrXRldHQgVGFuw7pzw610dsOh
bnlraWFkw7MgdjIgLSBHT1YgQ0EwHhcNMTQwMTI4MDk1MTUwWhcNMjMwMTI4MDk1MTUwWjCB1DEL
MAkGA1UEBhMCSFUxETAPBgNVBAcMCEJlZGFwZXN0MTwwOgYDVQQKDDNOSVNaIE5lbXplbGtgSW5m
b2tvbWllbmlrdytd6FjacOzcyBTem9sZ8OhbHRhdMOzIFpydC4xNDAyBgNVBAMMK01pbsWRc8OtdGV0
dCBJZMWRYsOpbHl1Z3rFkSBUU1M1IOKAky BHT1YgQ0EwggEiMA0GCSqGSIb3DQEBAQUAA4IBDwAw
ggEKAoIBAQC56isTqPXrkQTT2+fEncNvKCJund59+XZJ3jvvmiDmYfLorR48FmtrIq18gdd9mWsN
/wx7DXH6zDuD648uIvX9YDr10BPpJFtEKP0Ga3ROXFlKQqSNKzGDBu8TQcMu70+kdIjd8cUttKIl
gXcadWWt+94EEWtvFjOcq0jKxQsaYtFps1mTUM/WCK6qgeYE6x6SrRag5oqAhKIyZBrfJH0UKuln
QBGyEKyPUnu6sn5zJW2tE7AYHcyPJWd2LXRRbGJeWmksN6nQ2ERZz6WyhZqAj1IsD2zoP3AxRgWs
HRH7qL5QbCuPhaDMOBdrcFoRCp12T03iqHMHA8VyjIl4tmZvAgMBAAGjggMiMIIDHjB1BggrBgEF
BQcBAQRpMGcwNwYIKwYBBQUHMAKGK2h0dHA6Ly9xY2EuaGl0ZWxlcy5nb3YuaHUvY2VyL0dPVkNB
LVF2Mi5jZXIwLAYIKwYBBQUHMAGGIGh0dHA6Ly9xb2NzcC5oaXRlbGVzLmdvdi5odS9vY3NwMB0G
A1UdDgQWBBT+jWjyD+AldMSwrQ3ZzPnOfA42gjAMBgNVHRMBAf8EAjAAMB8GA1UdIwQYMBaAFPSj
O48pejEoz2vIhvgmqMvdJ4iAMIIB7wYDVR0gBIIB5jCCAeIwggHeBg4CgVgBgUiITGQqAwEFATCC
AcowLgYIKwYBBQUHAgEWImh0dHA6Ly9oaXRlbGVzLmdvdi5odS9zemFiYWx5emF0b2swggGWBggr
BgEFBQcCAjCCAYgeggGEAEUAegAgAGEAIABOAEkAUwBaACAAWgByAHQALgAgAGkAZAFRAGIA6QBs
AHkAZQBnAHoA6QBzACAACwB6AG8AbABnAOEAbAB0AGEAdADzAGkAIAB0AGEAbgD6AHMA7QB0AHYA
4QBuAHkAYQAsACAACA6QByAHQAZQBsAG0AZQB6AAkAcwDpAGgAZQB6ACAA6QBzACAAZQBsAGYAbwBn
AGEAZADhAHMA4QBoAG8AegAgAGEAIABOAEkAUwBaACAAUwB6AG8AbABnAOEAbAB0AGEAdADhAHMA
aQAgAFMAegBhAGIA4QBsAHkAegBhAHQAYQAgACgASABTAFoAUwBaAC0ATQApACAACwB6AGUAcgBp
AG4AdAAgAGGsAZQBsAGwAIABlAGwAagDhAHIAbgBpAC4AIABUAGB8AdgDhAGIAYgBpACAAaQBuAGYA
bwByAG0A4QBjAGkA8wBrAIABoAHQAdABwADoALwAvAGgAaQB0AGUAbABlAHMALgBnAG8AdgAu
AGgAdTA8BgNVHR8ENTAzMDGgL6athitodHRwOi8vcWNhLmhpdGGVsZXMuZ292Lmh1L2NybC9HT1ZD
QS1RdjIuY3JsMA4GA1UdDwEB/wQEAwIGQDAWBgNVHSUBAf8EDDAKBggrBgEFBQcDCDANBgkqhkiG
9w0BAQsFAAOCAQEAdTeSk9XkJqsr/5ymdXJVQpnqKhdUb2w19CugyzgRLqRo6Zqo0SrXScsDo7c0
B/TNl5kpt4iVi4eTrQy1LPfKly3WLqGQABcJOx2Vqel9JkDUz/hNngOJCiqa5RKq/rQ0mJrqvXVg
EbTxJttmDZWR4C7ze2Aq6R/+yXYYJTQVY0xITDgrLsu/jNTqIi8TlRq1qkXMDv2UIdSwB0Fv9ZM0
P+UoFZBCxVCnN7n+8FDxMqLhzv5ZLldpM4c0i46SMTwo4niL3sn9/J32cjwuKpJ9mNtk0cM8gBGX
LuqOKGoBhb+qjm2/zmN7/EOhRNG6efxJ9ZEJoP/2KAHOk8tO3Z744w==
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn

In compliance with the provisions laid down in the applicable national legislation and Regulation (EU) No 910/2014, it indicates that the qualified status has not been initially granted or has been withdrawn by the Supervisory Body on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10): from the trust service being of a service type specified in clause 5.5.1.1 and identified in "Service digital identity" (see clause 5.5.3), and from its trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service.

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service supply points:

https://tsa.hiteles.gov.hu/ts

2.8.11.1. Qualified Time Stamp Service TSS 2014 05

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

> *A qualified electronic time stamp generation service creating and signing qualified electronic time stamps in accordance with the applicable national legislation in the territory identified by the TL Scheme territory (see clause 5.3.10) or with Regulation (EU) No 910/2014 whichever is in force at the time of provision.*

Service name: *English:* Qualified Time Stamp Service TSS 2014 05

           Hungarian: Minősített időbélyegzés TSS 2014 05

Service digital identity: *Subject key identifier:*

FE 8D 68 F2 0F E0 25 74 C4 B0 AD 0D D9 CC F9 CE 7C 0E 36 82

Service status: http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision

> *The service identified in "Service digital identity" (see clause 5.5.3) provided by the trust service provider identified in "TSP name" (see clause 5.4.1) is currently under supervision, for compliance with the provisions laid down in the applicable European legislation, by the Member State identified in the "Scheme territory" (see clause 5.3.10) in which the trust service provider is established.*

Status starting time: 2014-01-28T09:51:50.000Z   (28 Jan 2014 10:51:50 CET)

2.8.12. Minősített Tanúsítványkiadó v2 - GOV CA

<div style="text-align:right">Provider: 8
Service: 12</div>

Service type identifier: http://uri.etsi.org/TrstSvc/Svctype/TSA/TSS-AdESQCandQES

> *A time-stamping service, not qualified, as part of a service from a trust service provider that issues time-stamp tokens (TST) that can be used in the validation process of qualified signatures/seals or advanced signatures/seals supported by qualified certificates to ascertain and extend the signature/seal validity when the qualified certificate is (will be) revoked or expired (will expire).*

Service name: *English:* Minősített Tanúsítványkiadó v2 - GOV CA

Hungarian: Minősített Tanúsítványkiadó v2 - GOV CA

Service digital identity: *Subject key identifier:*

F4 A3 3B 8F 29 7A 31 28 CF 6B C8 86 F8 26 A8 CB DD 27 88 80

Service digital identity: *Version:*

3

Serial number:

6 697 533 090 985 774 204 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

CN=Minősített Tanúsítványkiadó v2 - GOV CA,O=NISZ Nemzeti Infokommunikációs Szolgáltató Zrt.,L=Budapest,C=HU

Issuer:

CN=Főtanúsítványkiadó - Kormányzati Hitelesítés Szolgáltató,O=NISZ Nemzeti Infokommunikációs Szolgáltató Zrt.,L=Budapest,C=HU

Subject key identifier:

F4 A3 3B 8F 29 7A 31 28 CF 6B C8 86 F8 26 A8 CB DD 27 88 80

Authority key identifier:

D5 A8 51 0E 79 30 72 5E B4 AC 16 0D D3 B5 EB EA C1 4B DC 3A

Valid from:

2014-01-22T09:24:19.000Z   (22 Jan 2014 10:24:19 CET)

Valid to:

2029-01-22T09:24:19.000Z   (22 Jan 2029 10:24:19 CET)

Key usage:

keyCertSign, cRLSign

Basic constraints:

cA = TRUE

pathLenConstraint = 3

Thumbprint:

SHA-1:

70:A3:C0:14:66:80:66:DE:D9:87:1D:3E:58:4D:5D:4C:A4:D7:CA:31

SHA-256:

F9:88:55:03:EF:87:A3:0F:9E:95:DF:F5:3B:0B:AF:31:B0:88:DF:0F:20:E1:4D:EE:B9:C9:EF:62:D4:52:D8:88

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A02820101009E31209C284857F12D299B81E22F47E91FA9DCBC38FC6D2EDF169D39A5BC7C916B2932B54264
8FA47FAA60E54D9092085E7E43904A7183864F173A846A0F550D501A3FACCAB0083A194DF8CFAD145466EA2C5259DD
A3E30F688B9B2E58FE06BEBD8A280C4B5FC0AEFAB83116060C8CA6CCDEB2F3096474AF2C35C2C08ADB2F821839110D
1D69BFB2241AD7B2F44FE4A405A497AFD5CC9481C5B5C3718D5163547414ACA9DAF08C96EDD423A894B0A5ACD6CA64
AE26260B55C78E47C84D751C7E79C45138FC09106E7BF54036371EEEC4CE64195140EDAA3DF3B21328C4B0EB3F4FE0
9373E57C4F641079907B935BEE750CD1E1A34826E345D0B576659FB427430203010001

Certificate policies:

0.2.216.1.200.1100.100.42.3.1.5.1

cPSuri = http://hiteles.gov.hu/szabalyzatok

userNotice = Ez a NISZ Zrt. minősített szolgáltatói tanúsítványa, értelmezéséhez
és elfogadásához a vonatkozó szolgáltatási szabályzat (HSZSZ-M) szerint kell
eljárni. További információk: http://hiteles.gov.hu

CRL distribution points:

http://qca.hiteles.gov.hu/crl/GOVCA-ROOT.crl

PEM format:

-----BEGIN CERTIFICATE-----
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IEtvcm3DoW55emF0aSBIaXRlbGGVzw610w6lzIFN6b2xnw6FsdGF0w7MwHhcNMTQwMTIyMDkyNDE5
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VQQKDDNOSVNaIE5lbXpldGkgSW5mb2tvbW11bmlrw6FjacOzcyBTem9sZ8OhbHRhdMOzIFpydC4x
NjA0BgNVBAMMLU1pbsWRc8OtdGV0dCBUYW7DunPDrXR2w6FueWtpYWTDsyB2MiAtIEdPViBDQTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAJ4xIJwoSFfxLSmbgeIvR+kfqdy8OPxtLt8W
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Wd2j4w9oi5suWP4Gvr2KKAxLX8Cu+rgxFgYMjKbM3rLzCWR0rywlwsCK2y+CGDkRDR1pv7IkGtey
9E/kpAWkl6/VzJSBxbXDcY1RY1R0FKyp2vCMlu3UI6iUsKWs1spkriYmC1XHjkfITXUcfnnEUTj8
CRBue/VANjce7sTOZBlRQO2qPfOyEyjEsOs/T+CTc+V8T2QQeZB7klvudQzR4aNIJuNF0LV2ZZ+0
J0MCAwEAAoOCAxswggMXMHsGCCsGAQUFBwEBBG8wbTA4BggrBgEFBQcwAoYsaHR0cDovL3FjYS5o
aXRlbGVzLmdvdi5odS9jZXIvR09WQ0EtUk9PVC5jZXIwMQYIKwYBBQUHMAGGJWh0dHA6Ly9xb2Nz
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MBIGA1UdEwEB/wQIMAYBAf8CAQMwHwYDVR0jBBgwFoAU1ahRDnkwcl60rBYN07Xr6sFL3DowggHz
BgNVHSAEggHqMIIB5jCCAeIGDgKBWAGBSIhMZCoDAQUBMIIBzjAuBggrBgEFBQcCARYiaHR0cDov
L2hpdGVsZXMuZ292Lmh1L3N6YWJhbHl6YXRvazCCAZoGCCsGAQUFBwICMIIBjB6CAYgARQB6ACAA
YQAgAE4ASQBTAFoAIABaAHIAdAAuACAAbQBpAG4BUQBzAO0AdABlAHQAdAAgAHMAegBvAGwAZwDh
AGwAdABhAHQAw8wBpACAAdABhAG4A+gBzAO0AdAB2AOEAbgB5AGEALAAgAOkAcgB0AGUAbABtAGUA
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MKAuhixodHRwOi8vcWNhLmhpdGVsZXMuZ292Lmh1L2NybC9HT1ZDQS1ST09ULmNybDAOBgNVHQ8B
Af8EBAMCAQYwDQYJKoZIhvcNAQELBQADggIBACs2ig3mrhrfY8xXYFtPzKrFl1/6F2b2n4daG8xr
yng/VCgALoAGUuHVGlllsw5JG0AMzbevc0aeVNHbizIqdKHPtVyqWB/U15t4dU+ZqVNUN3ClbzHo
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33L4s46mU0a/8BfbQKD0wY9Z0umZHZi9YT8T
-----END CERTIFICATE-----

Service status:

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/recognisedatnationallevel

For trust services listed under a service type specified in clause 5.5.1.2: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved" status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in Regulation (EU) No 910/2014 and the applicable national legislation.

For NationalRootCA-QC type: The service is set by national law in accordance with the applicable European legislation and operated by the responsible national body issuing root-signing or qualified certificates to accredited trust service providers.

For other trust services listed under a service type specified in clause 5.5.1.3: In compliance with the provisions laid down in the applicable national legislation, it indicates that the Supervisory Body identified in the "Scheme operator name" (see clause 5.3.4) on behalf of the Member State identified in the "Scheme territory" (see clause 5.3.10) has granted an "approved"status, as recognized at national level, to the corresponding trust service identified in "Service digital identity" (see clause 5.5.3) and to the trust service provider identified in "TSP name" (see clause 5.4.1) for the provision of that service, as both the TSP and the trust service it provides meet the provisions laid down in the applicable national legislation.

Status starting time:

2016-06-30T22:00:00.000Z   (01 Jul 2016 00:00:00 CEST)

Service information extensions:

Extension 1/1, non-critical:

<tsl:AdditionalServiceInformation xmlns:tsl="http://uri.etsi.org/02231/v2#">
<tsl:URI xml:lang="en">http://www.nmhh.hu/tl/ServiceStatus/QualifiedatNationalLevel</tsl:URI>
</tsl:AdditionalServiceInformation>

3. Digital Signature

Signer:	Hungarian Trusted List Scheme Operator
Signing time:	2016-07-28T12:43:25.000Z (28 Jul 2016 14:43:25 CEST)
Signing certificate:	

Version:

3

Serial number:

18 351 966 (decimal)

Signature algorithm:

SHA256withRSA (1.2.840.113549.1.1.11)

Subject:

CN=Hungarian Trusted List Scheme Operator,O=National Media and
Infocommunications Authority\, Hungary,L=Budapest,C=HU

Issuer:

CN=Hungarian Trusted List Scheme Operator,O=National Media and
Infocommunications Authority\, Hungary,L=Budapest,C=HU

Subject key identifier:

9A 28 8D 5F 94 60 0F D2 65 22 3C 17 0F 78 6D FA D0 B2 38 CE

Authority key identifier:

9A 28 8D 5F 94 60 0F D2 65 22 3C 17 0F 78 6D FA D0 B2 38 CE

Valid from:

2015-08-24T09:37:47.000Z   (24 Aug 2015 11:37:47 CEST)

Valid to:

2017-02-24T10:37:47.000Z   (24 Feb 2017 11:37:47 CET)

Key usage:

nonRepudiation

Basic constraints:

cA = FALSE

Thumbprint:

SHA-1:

5D:E9:75:C8:EB:33:17:2C:44:C0:CE:D3:99:CD:76:B6:2C:92:64:A2

SHA-256:

48:3B:60:37:50:C8:C1:57:C0:85:FC:BF:01:A7:65:1C:68:ED:C1:12:82:99:F6:7E:91:33:68:DE:65:30:00:3B

Public key:

Algorithm, key length:

RSA, 2048

Key value:

3082010A028201010080A381700A93DCFD7720C1780AFA55657A1957A9D39944F098825A1AA0F6D593C50532CCCDAD
26659CC48E45328122C1DB24B94413FFE1AEDF765C5CDB23030D9E6D59B5B30DB413AF8A7D39CE226A5E6E03CA9436
B47A57F5A7D3A7443E5E781F8B93FC42F31027EE3AE35BA1044BD471463BAC3AE60A9854E091A4D456E81842F438D3
62187075EDB4F4DEE5BD9944009EB50C67C0F5EE983A59838F3E5DC501C423EF5D91B4E975430808AA5E658B6402EF
73706A8CF5F6C9DAFC2ADDF091F27182B8CDE31C0F70F2B86DE36F2C5E2363612DABAE223E25059085C579B30FB517
3D80ECCAE9D6BBB849BFDF7201FEB7F0CD07C565D121B9C1486E430DA22302030 10001

Certificate policies:

not present

CRL distribution points:

not present

PEM format:

-----BEGIN CERTIFICATE-----
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/wQEAwIGQDAdBgNVHREEFjAUgRJUTG9wZXJhdG9yQG5taGguaHUwDAYDVR0TAQH/BAIwADARBgNV
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MR6879lVHUdbEAvRrAEIT9598ohAT4C+YD/Ig1rFl9lzmxJh8fE4vvlEXBjMc2PPDppKWBEusSFh
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-----END CERTIFICATE-----