uwe gradenegger
PASSIONATE ABOUT PKI

MENU

Details of the event with ID 53 of the source Microsoft-Windows-CertificationAuthority

Uwe Gradenegger / September 2020 / Events, Certification Authority / Event display, Extended key usage (EKU), Hardware Security Module (HSM), NTE_BAD_DATA, SafeNet, Certificate Template

Event Source:	Microsoft-Windows-CertificationAuthority
Event ID:	53 (0x35)
Event log:	Application
Event type:	Warning
Symbolic Name:	MSG_DN_CERT_DENIED_WITH_INFO
Event text (English):	Active Directory Certificate Services denied request %1 because %2. The request was for %3. Additional information: %4
Event text (German):	The request %1 was rejected because %2. The request was for %3. More information: %4

English

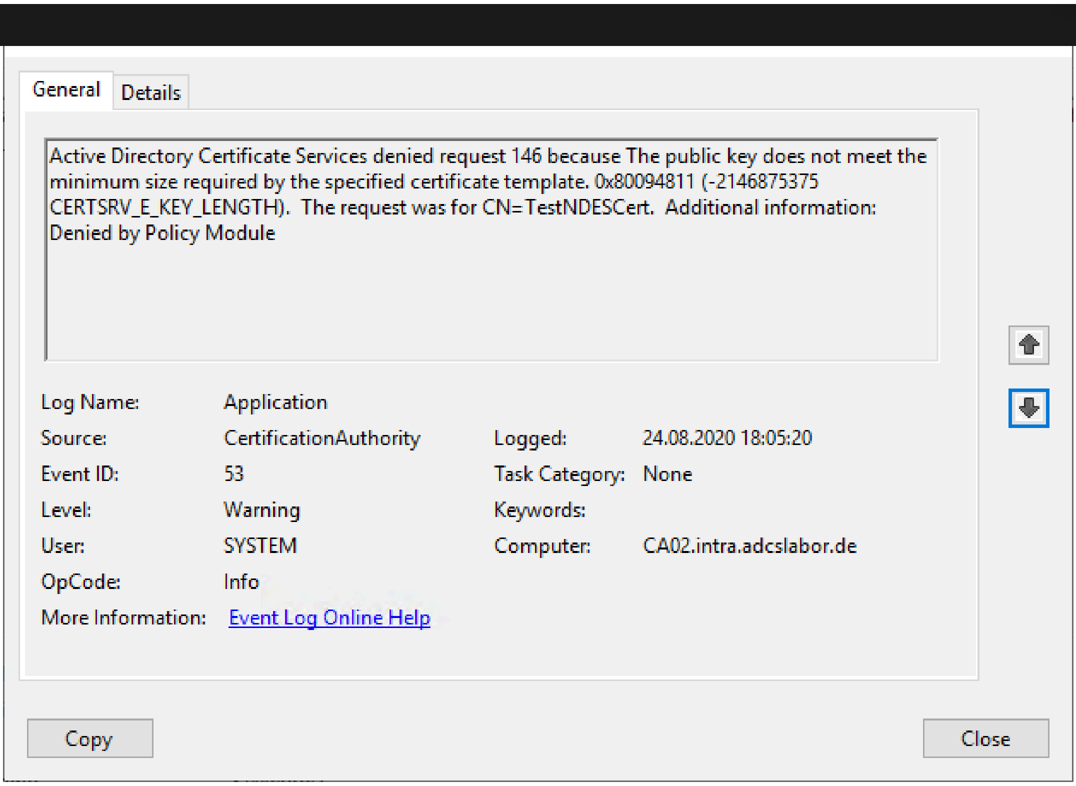
Parameter

The parameters contained in the event text are filled with the following fields:

- %1: RequestId (win:UnicodeString)
- %2: Reason (win:UnicodeString)
- %3: SubjectName (win:UnicodeString)
- %4: AdditionalInformation (win:UnicodeString)

Example events

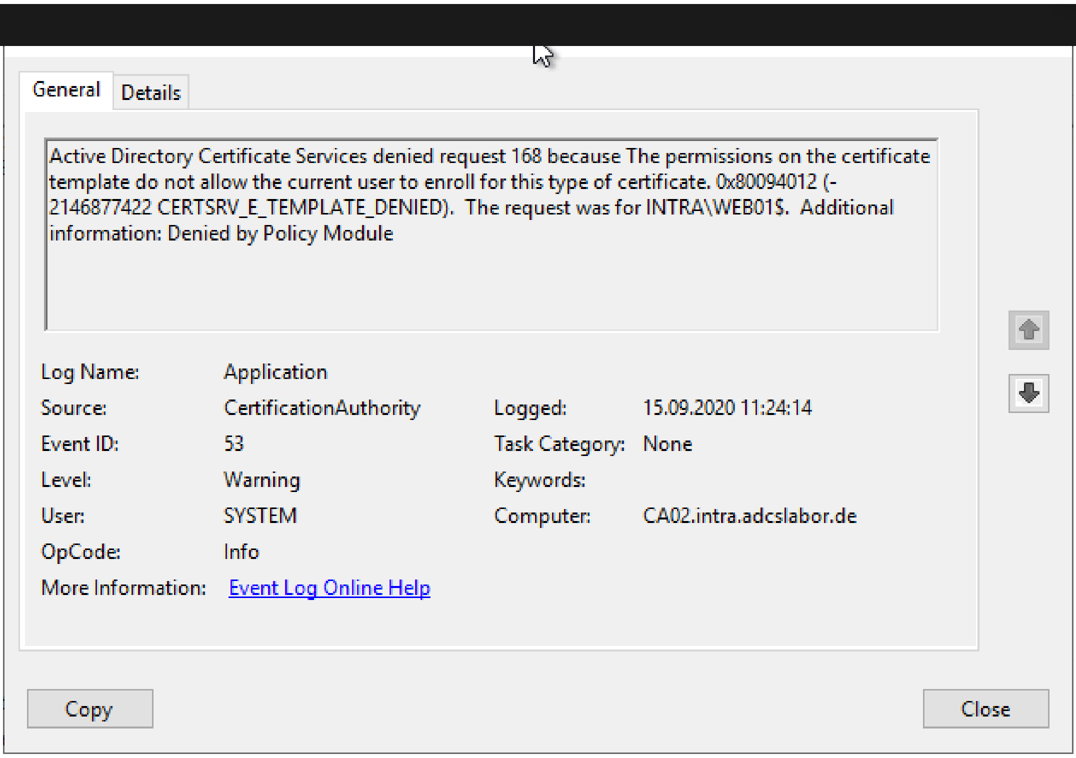
```
Active Directory Certificate Services denied request 146
because The public key does not meet the minimum size
required by the specified certificate template. 0x80094811
(-2146875375 CERTSRV_E_KEY_LENGTH).  The request was for
CN=TestNDESCert.  Additional information: Denied by Policy
Module
```



Active Directory Certificate Services denied request 146 because The public key does not meet the minimum size required by the specified certificate template. 0x80094811 (-2146875375 CERTSRV_E_KEY_LENGTH). The request was for CN=TestNDESCert. Additional information: Denied by Policy Module

Log Name:	Application		
Source:	CertificationAuthority	Logged:	24.08.2020 18:05:20
Event ID:	53	Task Category:	None
Level:	Warning	Keywords:	
User:	SYSTEM	Computer:	CA02.intra.adcslabor.de
OpCode:	Info		
More Information:	Event Log Online Help		

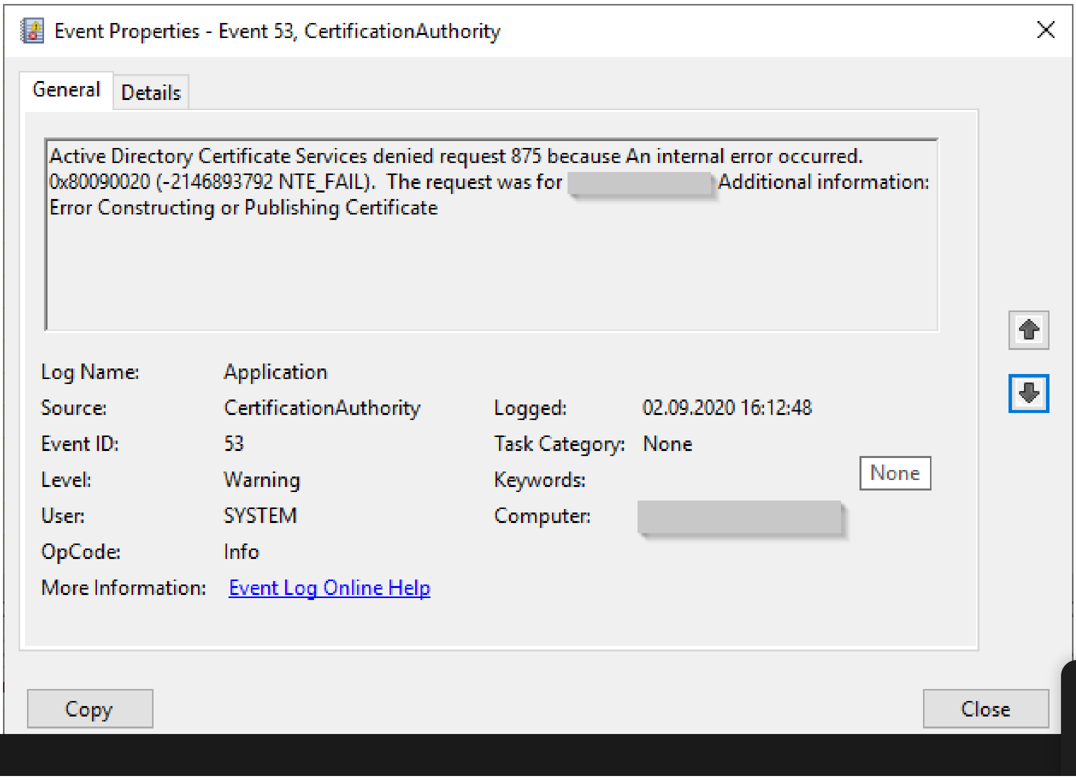
```
Active Directory Certificate Services denied request 168
because The permissions on the certificate template do not
allow the current user to enroll for this type of
certificate. 0x80094012 (-2146877422
CERTSRV_E_TEMPLATE_DENIED). The request was for
INTRA\WEB01$. Additional information: Denied by Policy
Module
```



Active Directory Certificate Services denied request 168 because The permissions on the certificate template do not allow the current user to enroll for this type of certificate. 0x80094012 (-2146877422 CERTSRV_E_TEMPLATE_DENIED). The request was for INTRA\WEB01$. Additional information: Denied by Policy Module

Log Name:	Application		
Source:	CertificationAuthority	Logged:	15.09.2020 11:24:14
Event ID:	53	Task Category:	None
Level:	Warning	Keywords:	
User:	SYSTEM	Computer:	CA02.intra.adcslabor.de
OpCode:	Info		
More Information:	Event Log Online Help		

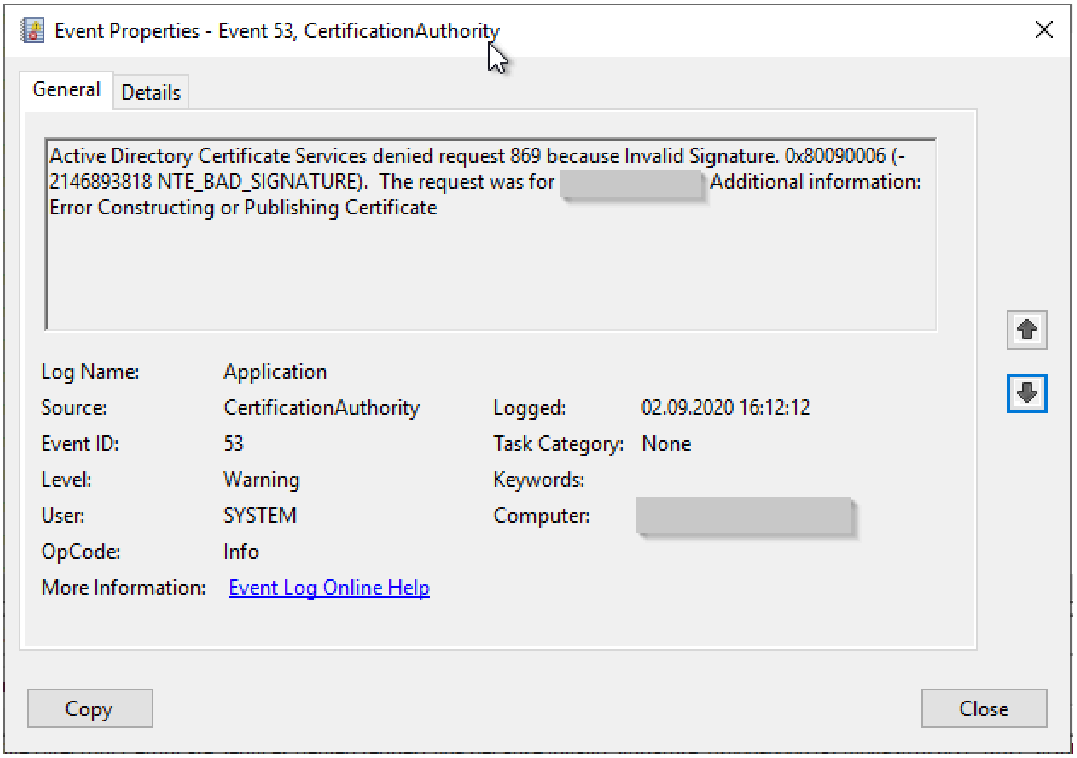
```
Active Directory Certificate Services denied request 799
because An internal error occurred. 0x80090020 (-2146893792
NTE_FAIL).  The request was for INTRA\CLIENT01$.  Additional
information: Error Constructing or Publishing Certificate
```



Active Directory Certificate Services denied request 875 because An internal error occurred. 0x80090020 (-2146893792 NTE_FAIL). The request was for [redacted] Additional information: Error Constructing or Publishing Certificate

Log Name:	Application		
Source:	CertificationAuthority	Logged:	02.09.2020 16:12:48
Event ID:	53	Task Category:	None
Level:	Warning	Keywords:	None
User:	SYSTEM	Computer:	[redacted]
OpCode:	Info		
More Information:	Event Log Online Help		

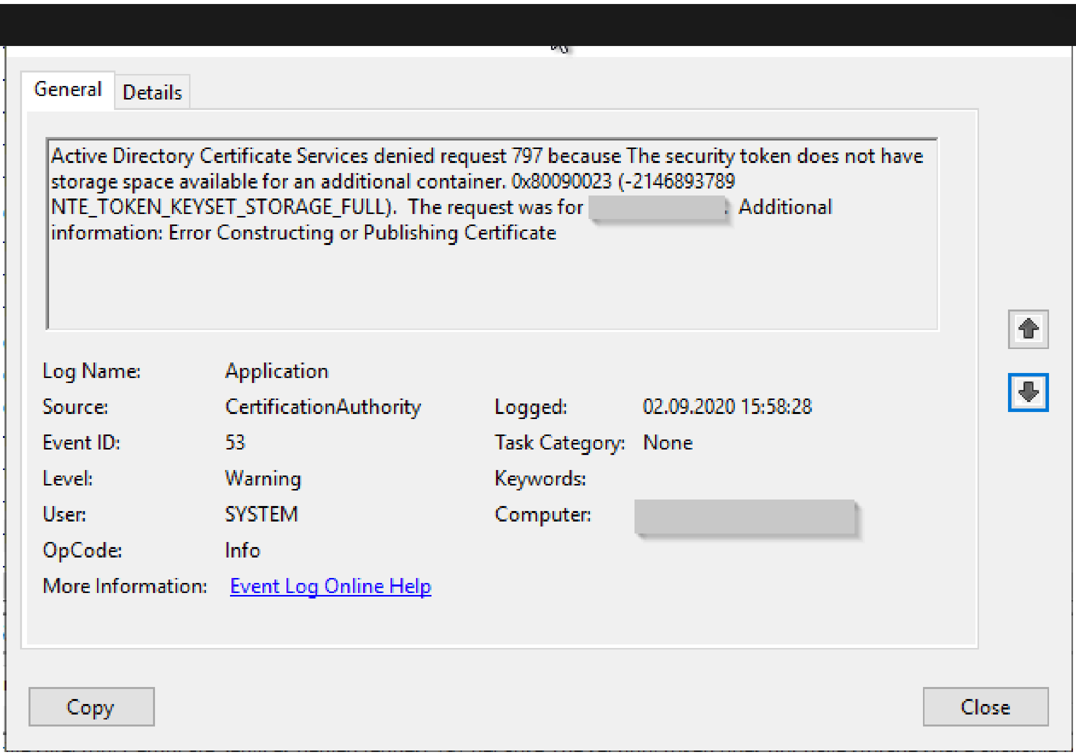
```
Active Directory Certificate Services denied request 798
because Invalid Signature. 0x80090006 (-2146893818
NTE_BAD_SIGNATURE).  The request was for INTRA\CLIENT01$.
Additional information: Error Constructing or Publishing
Certificate
```



Active Directory Certificate Services denied request 869 because Invalid Signature. 0x80090006 (-2146893818 NTE_BAD_SIGNATURE). The request was for [redacted] Additional information: Error Constructing or Publishing Certificate

Log Name: Application
Source: CertificationAuthority
Logged: 02.09.2020 16:12:12
Event ID: 53
Task Category: None
Level: Warning
Keywords:
User: SYSTEM
Computer: [redacted]
OpCode: Info
More Information: Event Log Online Help

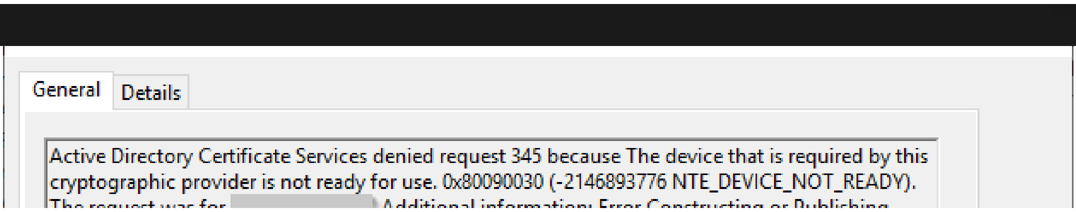
```
Active Directory Certificate Services denied request 797
because The security token does not have storage space
available for an additional container. 0x80090023
(-2146893789 NTE_TOKEN_KEYSET_STORAGE_FULL).  The request
was for INTRA\CLIENT01$.  Additional information: Error
Constructing or Publishing Certificate
```



Active Directory Certificate Services denied request 797 because The security token does not have storage space available for an additional container. 0x80090023 (-2146893789 NTE_TOKEN_KEYSET_STORAGE_FULL). The request was for [redacted]. Additional information: Error Constructing or Publishing Certificate

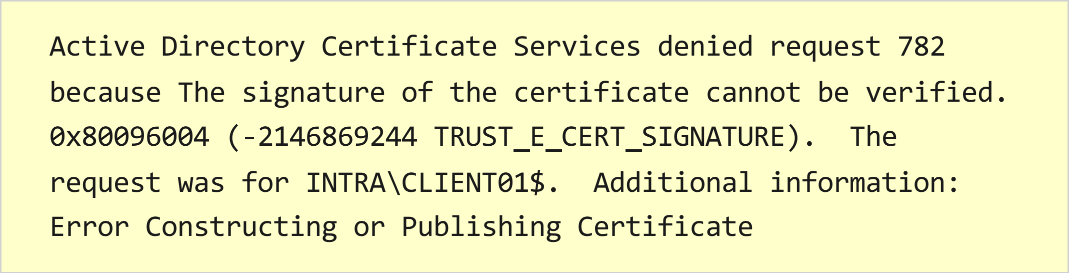
Log Name: Application
Source: CertificationAuthority
Logged: 02.09.2020 15:58:28
Event ID: 53
Task Category: None
Level: Warning
Keywords:
User: SYSTEM
Computer: [redacted]
OpCode: Info
More Information: Event Log Online Help

```
Active Directory Certificate Services denied request 795
because The device that is required by this cryptographic
provider is not ready for use. 0x80090030 (-2146893776
NTE_DEVICE_NOT_READY).  The request was for INTRA\CLIENT01$.
Additional information: Error Constructing or Publishing
Certificate
```



Active Directory Certificate Services denied request 345 because The device that is required by this cryptographic provider is not ready for use. 0x80090030 (-2146893776 NTE_DEVICE_NOT_READY). The request was for [redacted] Additional information: Error Constructing or Publishing

```
Active Directory Certificate Services denied request 788
because Incorrect password. 0x80090033 (-2146893773
NTE_INCORRECT_PASSWORD).  The request was for
INTRA\CLIENT01$.  Additional information: Error Constructing
or Publishing Certificate
```



```
Active Directory Certificate Services denied request 782
because The signature of the certificate cannot be verified.
0x80096004 (-2146869244 TRUST_E_CERT_SIGNATURE).  The
request was for INTRA\CLIENT01$.  Additional information:
Error Constructing or Publishing Certificate
```

English

```
Active Directory Certificate Services denied request 777
because The parameter is incorrect. 0x80090027 (-2146893785
NTE_INVALID_PARAMETER).  The request was for
INTRA\CLIENT01$.  Additional information: Error Constructing
or Publishing Certificate
```

```
Active Directory Certificate Services denied request 356
because An attempt was made to open a Certification
Authority database session, but there are already too many
active sessions. The server may need to be configured to
allow additional sessions. 0x8009400f (-2146877425
CERTSRV_E_NO_DB_SESSIONS). The request was for
INTRA\CLIENT1$. Additional information: Denied by Policy
Module
```

🇺🇸 English

```
Active Directory Certificate Services denied request 838
because Bad Length. 0x80090004 (-2146893820 NTE_BAD_LEN).
The request was for INTRA\CLIENT01$. Additional information:
Error Constructing or Publishing Certificate
```

```
Active Directory Certificate Services denied request 34
because The certificate has invalid policy. 0x800b0113
(-2146762477 CERT_E_INVALID_POLICY).  The request was for
INTRA\CLIENT4$.  Additional information: Error Constructing
or Publishing Certificate Invalid Issuance Policies:
1.3.6.1.4.1.311.21.31
```

```
Active Directory Certificate Services denied request 12
because The request does not support private key attestation
as defined in the certificate template. 0x8009481a
(-2146875366 CERTSRV_E_KEY_ATTESTATION). The request was for
INTRA\CLIENT01$. Additional information: Denied by Policy
Module
```

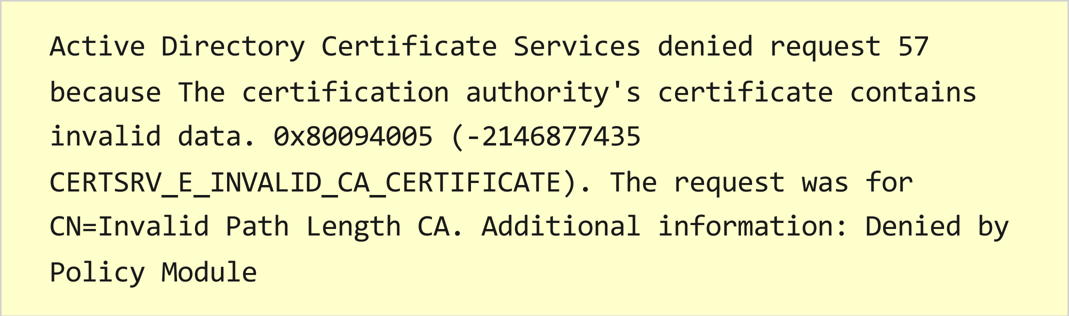
```
Active Directory Certificate Services denied request 157
because The request contains no certificate template
information. 0x80094801 (-2146875391
CERTSRV_E_NO_CERT_TYPE). The request was for CN=WEB02.
Additional information: Denied by Policy Module 0x80094801,
The request does not contain a certificate template
extension or the CertificateTemplate request attribute.
```

```
Active Directory Certificate Services denied request 152
because The requested certificate template is not supported
by this CA. 0x80094800 (-2146875392
CERTSRV_E_UNSUPPORTED_CERT_TYPE). The request was for O=ADCS
Labor, CN=www.adcslabor.de. Additional information: Denied
by Policy Module 0x80094800, The request was for a
certificate template that is not supported by the Active
Directory Certificate Services policy:
1.3.6.1.4.1.311.21.8.6301991.2938543.412570.1725121.735828.2
31.14577106.8832112(ADCS Lab Web Server).
```

English

```
Active Directory Certificate Services denied request 165405
because The RPC server is unavailable. 0x800706ba (WIN32:
1722 RPC_S_SERVER_UNAVAILABLE). The request was for
INTRA\DC01$. Additional information: Denied by Policy Module
```

English



```
Active Directory Certificate Services denied request 57
because The certification authority's certificate contains
invalid data. 0x80094005 (-2146877435
CERTSRV_E_INVALID_CA_CERTIFICATE). The request was for
CN=Invalid Path Length CA. Additional information: Denied by
Policy Module
```

```
Active Directory Certificate Services denied request 8
because The certificate template renewal period is longer
than the certificate validity period. The template should be
reconfigured or the CA certificate renewed. 0x80094814
(-2146875372 CERTSRV_E_CERT_TYPE_OVERLAP). The request was
for CN=Rudi Ratlos. Additional information: Denied by Policy
Module Renewing a certificate with the ADCSLaborBenutzer2
Certificate Template failed because the renewal overlap
period is longer than the certificate validity period.
```

English

```
Active Directory Certificate Services denied request 699
because The request is missing a required private key for
archival by the server. 0x80094804 (-2146875388
CERTSRV_E_ARCHIVED_KEY_REQUIRED). The request was for
CN=Testuser, E=testuser@adcslabor.de. Additional
information: Denied by Policy Module
```

English

```
Active Directory Certificate Services denied request 110791
because One or more signatures did not include the required
application or issuance policies. The request is missing one
or more required valid signatures. 0x8009480b (-2146875381
CERTSRV_E_SIGNATURE_REJECTED).  The request was for
CN=www.bla.de.  Additional information: Denied by Policy
Module 0x8009480b, The ADCSLaborWebServer Certificate
Template requires 1 signatures, but only 0 were accepted.
```

```
Active Directory Certificate Services denied request 110823
because The request is missing required signature policy
information. 0x80094809 (-2146875383
CERTSRV_E_SIGNATURE_POLICY_REQUIRED).  The request was for
CN=Peter Pan.  Additional information: Denied by Policy
Module
```

```
Active Directory Certificate Services denied request 12345
because Write lock failed due to outstanding write lock
0xc800044e (ESE: -1102 JET_errWriteConflict).  The request
was for INTRA\rudi.  Additional information: Denied by
Policy Module Resubmitted by INTRA\Administrator
```

```
Active Directory Certificate Services denied request 525317
because The specified time is invalid. 0x8007076d (WIN32:
1901 ERROR_INVALID_TIME).  The request was for
CN=somewebsite.intra.adcslabor.de.  Additional information:
Denied by Policy Module
```

```
Active Directory Certificate Services denied request 821
because The DNS name is unavailable and cannot be added to
the Subject Alternate name. 0x8009480f (-2146875377
CERTSRV_E_SUBJECT_DNS_REQUIRED).  The request was for
CN=pki.adcslabor.de.  Additional information: Denied by
Policy Module Resubmitted by INTRA\Administrator.
```

```
Active Directory Certificate Services denied request 12345
because The specified server cannot perform the requested
operation. 0x8007003a (WIN32: 58 ERROR_BAD_NET_RESP). The
request was for INTRA\rudi. Additional information: Denied
by Policy Module 0x8007003a, The Active Directory containing
the Certification Authority could not be contacted.
```

```
Active Directory Certificate Services denied request 1234
because An internal consistency check failed. 0x8009002d
(-2146893779 NTE_INTERNAL_ERROR). The request was for
INTRA\CLIENT01$. Additional information: Error Constructing
or Publishing Certificate
```

```
Active Directory Certificate Services denied request 12345
because Bad Data. 0x80090005 (-2146893819 NTE_BAD_DATA). The
request was for CN=Rudi Ratlos. Additional information:
Error Constructing or Publishing Certificate Resubmitted by
INTRA\Administrator
```

```
Active Directory Certificate Services denied request 12345
because The EMail name is unavailable and cannot be added to
the Subject or Subject Alternate name. 0x80094812
(-2146875374 CERTSRV_E_SUBJECT_EMAIL_REQUIRED). The request
was for INTRA\rudi. Additional information: Denied by Policy
Module
```

```
Active Directory Certificate Services denied request 7040
because The parameter is incorrect. 0x80070057 (WIN32: 87
ERROR_INVALID_PARAMETER).  CN=WEB01.intra.adcslabor.de.
Additional information: Denied by Policy Module
```

```
Active Directory Certificate Services denied request 12345
because The request contains conflicting template
information. 0x80094802 (-2146875390
CERTSRV_E_TEMPLATE_CONFLICT). The request was for
CN=test.adcslabor.de. Additional information: Denied by
Policy Module 0x80094802, The request specifies conflicting
certificate templates:
1.3.6.1.4.1.311.21.8.6301991.2938543.412570.1725121.735828.2
31.4136173.9322655(ADCSLaborWebServer)/ADCSLaborWebServer.
```

```
Active Directory Certificate Services denied request 1049
because The user name or password is incorrect. 0x8007052e
(WIN32: 1326 ERROR_LOGON_FAILURE).  The request was for
INTRA\WEB02$.  Additional information: Denied by Policy
Module 0x8007052e, Active Directory Certificate Services
could not connect to the global catalog server.
CN=WEB02,OU=Server,OU=ADCSLabor
Computer,DC=intra,DC=adcslabor,DC=de
```

Description

> **Hinweis**
> Do you know **TameMyCerts**? TameMyCerts is an add-on for the Microsoft certification authority (Active Directory Certificate Services). It extends the function of the certification authority and enables the Application of regulationsto realize the secure automation of certificate issuance. TameMyCerts is unique in the Microsoft ecosystem, has already proven itself in countless companies around the world and is available under a free license. It can downloaded via GitHub and can be used free of charge. Professional maintenance is also offered.

English

operation:

- The public key does not meet the minimum size required by the specified certificate template. 0x80094811 (-2146875375 CERTSRV_E_KEY_LENGTH).
- The permissions on the certificate template do not allow the current user to enroll for this type of certificate. 0x80094012 (-2146877422 CERTSRV_E_TEMPLATE_DENIED).
- The request contains no certificate template information. 0x80094801 (-2146875391 CERTSRV_E_NO_CERT_TYPE).
- The requested certificate template is not supported by this CA. 0x80094800 (-2146875392 CERTSRV_E_UNSUPPORTED_CERT_TYPE).
- The request contains conflicting template information. 0x80094802 (-2146875390 CERTSRV_E_TEMPLATE_CONFLICT).
- The request is missing a required private key for archival by the server. 0x80094804 (-2146875388 CERTSRV_E_ARCHIVED_KEY_REQUIRED).
- The DNS name is unavailable and cannot be added to the Subject Alternate name. 0x8009480f (-2146875377 CERTSRV_E_SUBJECT_DNS_REQUIRED)

Error codes that may indicate a misconfiguration of the certification authority:

- The certificate has invalid policy. 0x800b0113 (-2146762477 CERT_E_INVALID_POLICY).
- The request does not support private key attestation as defined in the certificate template. 0x8009481a (-2146875366 CERTSRV_E_KEY_ATTESTATION).

RPC_SERVER_UNAVAILABLE).

- The certificate template renewal period is longer than the certificate validity period. The template should be reconfigured or the CA certificate renewed. 0x80094814 (-2146875372 CERTSRV_E_CERT_TYPE_OVERLAP).

Error codes that may indicate Active Directory, network, or certificate template misconfiguration:

- The EMail name is unavailable and cannot be added to the Subject or Subject Alternate name. 0x80094812 (-2146875374 CERTSRV_E_SUBJECT_EMAIL_REQUIRED).
- The request is missing required signature policy information. 0x80094809 (-2146875383 CERTSRV_E_SIGNATURE_POLICY_REQUIRED).
- The specified server cannot perform the requested operation. 0x8007003a (WIN32: 58 ERROR_BAD_NET_RESP).
- Incorrect password. 0x80090033 (-2146893773 NTE_INCORRECT_PASSWORD).
- The user name or password is incorrect. 0x8007052e (WIN32: 1326 ERROR_LOGON_FAILURE).

Error codes that may indicate a malfunction of the certification authority:

- The certification authority's certificate contains invalid data. 0x80094005 (-2146877435 CERTSRV_E_INVALID_CA_CERTIFICATE).
- An internal error occurred. 0x80090020 (-2146893792 NTE_FAIL).

NTE_BAD_SIGNATURE).

- The security token does not have storage space available for an additional container. 0x80090023 (-2146893789 NTE_TOKEN_KEYSET_STORAGE_FULL).
- The device that is required by this cryptographic provider is not ready for use. 0x80090030 (-2146893776 NTE_DEVICE_NOT_READY)
- The signature of the certificate cannot be verified. 0x80096004 (-2146869244 TRUST_E_CERT_SIGNATURE).
- The parameter is incorrect. 0x80090027 (-2146893785 NTE_INVALID_PARAMETER).
- An attempt was made to open a Certification Authority database session, but there are already too many active sessions. The server may need to be configured to allow additional sessions. 0x8009400f (-2146877425 CERTSRV_E_NO_DB_SESSIONS).
- Bad Length. 0x80090004 (-2146893820 NTE_BAD_LEN).
- Bad Data. 0x80090005 (-2146893819 NTE_BAD_DATA).

Often the cause is a malfunction of the hardware security module.

Error code NTE_BAD_DATA

If a SafeNet Hardware Security Module (HSM) is used, this error can occur if the network connection to the HSM is lost and the certification authority can no longer access the private key.

See article "Certificate request fails with error message "Bad Data. 0x80090005 (-2146893819 NTE_BAD_DATA)."„.

In the same context, events no. 86, 88 and 130 occur.

English

CERTSRV_E_TEMPLATE_CONFLICT

Occurs if the submitted certificate request includes a Certificate Template Information extension that designates a certificate template for issuance, but a different certificate template is selected when submitting the certificate request.

Error code CERTSRV_E_TEMPLATE_DENIED

Occurs when the requesting user or computer is not authorized to request a certificate for this certificate template.

This can also occur with autoenrollment or application through the Microsoft Management Console (MMC) if the authorization to apply is through a security group and the applying user or computer has not yet re-logged in since being added to the group (for computers, this requires a reboot).

The reason is that the client-side authorization check is done using a directory query, but the actual authentication is done using a Kerberos ticket, in which the group membership is not yet mapped.

Error code CERTSRV_E_NO_CERT_TYPE

This error occurs, when a certificate request has been sent to the certification authoritybut no specification about the desired certificate template was made.

English

specified either via an attribute within the certificate request or during submission.

When submitting the certificate request using certreq.exe, the desired certificate request can be specified with the -attrib argument:

```
certreq -attrib "CertificateTemplate:{name-of-the-
certificate-template}" -submit {certificate-request}.req
```

Error code CERTSRV_E_UNSUPPORTED_CERT_TYPE

This error occurs when a certificate request was sent to the certification authority, which contains an attribute for the certificate template or which was specified when the certificate request was submitted.but this is either incorrect (e.g. typing error) or the desired certificate template was not published on this certification authority (e.g. because the certificate request was sent to the wrong certification authority).

Also occurs when the certificate authority does not have read permission on a published certificate template. By default, the certificate authority obtains read permission through the Authenticated Users entry in the certificate template's security settings.

English

Error code CERTSRV_E_KEY_LENGTH

This error occurs if the key length within the certificate request is smaller than the minimum size defined in the certificate template. This can occur especially with manually generated certificate requests.

The solution is to select an appropriate key size as early as the application stage and thus when generating the key pair. Alternatively, the key size can be reduced in the certificate

English

by the certification authority's policy modulei.e., a certificate template with a low key length that accepts both RSA and ECC keys is technically feasible.

Error code CERTSRV_E_KEY_ATTESTATION

This error occurs when Trusted Platform Module (TPM) Key Attestation is configured, and a certificate request is received for which either no corresponding endorsement key or no certification authority certificate corresponding to the endorsement certificate is stored on the certification authority. See also article "Configuring the Trusted Platform Module (TPM) Key Attestation„.

Error code RPC_S_SERVER_UNAVAILABLE

This error occurs when a certificate is requested for a domain controller, the certificate template contains the flag CT_FLAG_SUBJECT_ALT_REQUIRE_DOMAIN_DNS and the certificate authority cannot connect to the domain controller via RPC named pipes. See article "Requesting a certificate for domain controller fails with error message "The RPC server is unavailable. 0x800706ba (WIN32: 1722 RPC_SERVER_UNAVAILABLE)".„.

Error code CERT_E_INVALID_POLICY

English

template contains an Extended Key Usage (EKU) or an Issuance Policy that is not permitted for the certification authority – i.e. that the requested policy OID is not present in the certification authority certificate and thus may not be issued by it.

This can occur in the following cases, among others:

- The certificate template used is required for the registration of a Extended Key Usage (EKU) configured in the issued certificate, However, the certification authority is restricted to certain Extended Key Usages and does not include the desired EKU.
- The certificate template used is configured to include a certificate policy OID in the issued certificate, but the certification authority certificate does not include it.
- The certificate template used is for Trusted Platform (TPM) Key Attestation and the option "Include issuance policies for enforced attestation types" is configured, but the certification authority certificate does not include it. See article "Include the issuance policies for Trusted Platform (TPM) Key Attestation in a certification authority certificate." as well as "Frequently Used Extended Key Usages and Issuance Policies„.

Error code CERTSRV_E_INVALID_CA_CERTIFICATE

Basically, this error occurs when the certification authority certificate has a certificate policy (Issuance Policy) or restriction (Application Policy) or a path length constraint that conflicts with the requested certificate. Examples may include:

constraint and a subordinate certification authority certificate is requested
- The certificate policy (issuance policy) on a root certification authority was changed when the certification authority certificate was renewed

See article "Certificate authority certificate request fails with error message "The certification authority's certificate contains invalid data. 0x80094005 (-2146877435 CERTSRV_E_INVALID_CA_CERTIFICATE)".„.

Error code NTE_INTERNAL_ERROR

Occurs, among other things, when there is a problem accessing a private key of the certification authority (e.g. in case of problems with a hardware security module, (especially if the Cavium Key Storage Provider of the AWS CloudHSM is used).

See also Events 100 and 130.

Error code CERTSRV_E_SUBJECT_EMAIL_REQUIRED

Occurs when the underlying certificate template is configured to write an email address in the subject of the issued certificate, but the requesting user account does not have an email address stored in Active Directory.

English

they often do not have a configured email address. If there is a certificate template that has configured the addition of an email address, it will always (according to the rules of the AutoEnrollment process) tries to apply for a certificate, which will fail and thus (depending on the number of accounts affected) result in a enormous growth of the Certification Authority database can lead.

Error code CERTSRV_E_NO_DB_SESSIONS

Occurs when there are too many concurrent connections to the certificate authority database – usually because a very large number of certificate requests are being processed.

See article "Certificate or revocation list issuance fails with error code CERTSRV_E_NO_DB_SESSIONS„.

May also indicate a Denial of Service (DoS) attack.

Error code JET_errWriteConflict

Occurs when there are too many concurrent connections to the certificate authority database – usually because a very large number of certificate requests are being processed.

See also error code CERTSRV_E_NO_DB_SESSIONS.

English

issuance fails with error code CERTSRV_E_NO_DB_SESSIONS„.

May also indicate a Denial of Service (DoS) attack.

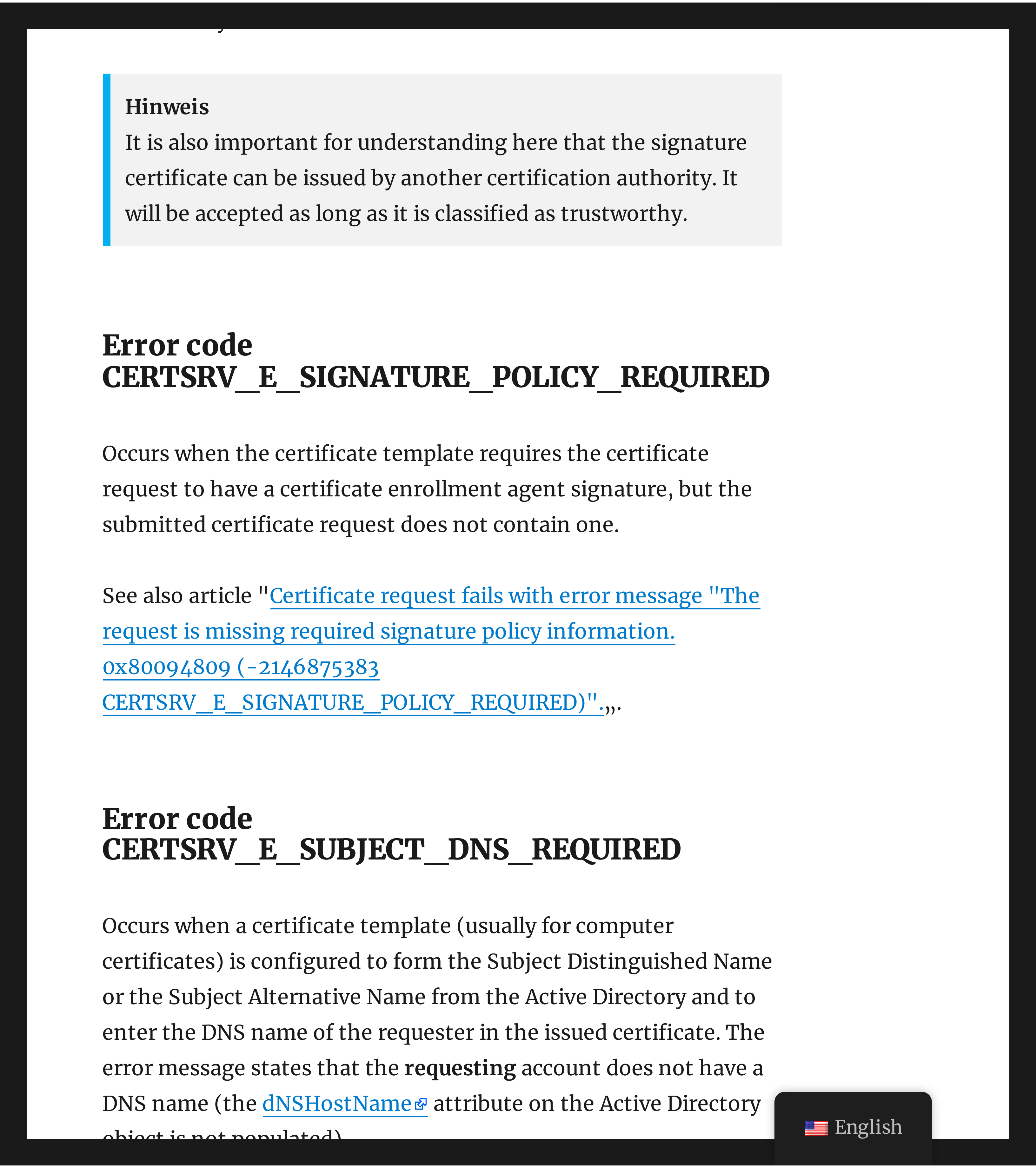
Error code CERTSRV_E_CERT_TYPE_OVERLAP

Occurs when the timely renewal of the certification authority certificate was missed. Towards the end of the validity of the certification authority certificate, the issued certificates are truncated in their validity periods (see Event no. 97) and finally certificates are requested which would be valid for a shorter period than the renewal period configured in the certificate template (if this would exceed the remaining validity of the certification authority certificate).

Error code CERTSRV_E_SIGNATURE_REJECTED

Occurs when a certificate template requires a signature (Issuance Requirements tab) and this signature cannot be verified, for example...

- if the certification authority that issued the signature certificate is not approved for Extended Key Usage or Issuance Policy for this purpose (e.g. due to constraints in the certification authority certificate)
- if the certification authority that issued the signature certificate



> **Hinweis**
> It is also important for understanding here that the signature certificate can be issued by another certification authority. It will be accepted as long as it is classified as trustworthy.

Error code CERTSRV_E_SIGNATURE_POLICY_REQUIRED

Occurs when the certificate template requires the certificate request to have a certificate enrollment agent signature, but the submitted certificate request does not contain one.

See also article "Certificate request fails with error message "The request is missing required signature policy information. 0x80094809 (-2146875383 CERTSRV_E_SIGNATURE_POLICY_REQUIRED)".„.

Error code CERTSRV_E_SUBJECT_DNS_REQUIRED

Occurs when a certificate template (usually for computer certificates) is configured to form the Subject Distinguished Name or the Subject Alternative Name from the Active Directory and to enter the DNS name of the requester in the issued certificate. The error message states that the **requesting** account does not have a DNS name (the dNSHostName attribute on the Active Directory object is not populated).

request against such a certificate template (a user account usually does not have a dNSHostName attribute).

Error code CERT_E_INVALID_POLICY

Attempts have been made to issue a certificate that would have Restrictions on the Extended Key Usage of the Certification Authority Certificate (Qualified Subordination, also Extended Key Usage Constraints) is violated.

The certification authority certificate contains a list of allowed Extended Key Usages that the reported Extended Key Usage does not contain. The enhanced key usages are taken from the certificate template and overwrite any attributes in the certificate request.

Error code ERROR_INVALID_TIME

Occurs when the EDITF_ATTRIBUTEENDDATE flag is enabled on the certification authority to To be able to issue certificates with a shortened validity period, and an invalid date was requested in the certificate request.

Safety assessment

Begriffsdefinition

English

> confidentiality, integrity and availability.

Events with error codes that indicate a malfunction of the certification authority can be an indication that availability is impaired.

The error code CERT_E_INVALID_POLICY may indicate an attack attempt and should possibly be alerted.

Microsoft rating

Microsoft evaluates this event in the Securing Public Key Infrastructure (PKI) Whitepaper with a severity score of "Low".

Related links:

- Overview of Windows events generated by the certification authority
- Overview of audit events generated by the Certification Authority
- (Mass) deletion of entries in the certification authority database (certificates, requirements, revocation lists)
- Send a manually created certificate request to a certification authority

External sources

English

(Microsoft)

- Securing Public Key Infrastructure (PKI) (Microsoft)
- A Certification Authority can't use a certificate template (Microsoft)

16 thoughts on “Details zum Ereignis mit ID 53 der Quelle Microsoft-Windows-CertificationAuthority”

Pingback: Issuing of certificates or revocation lists fails with error code CERTSRV_E_NO_DB_SESSIONS - Uwe Gradenegger

Pingback: Certificate authority certificate request fails with error message "The certification authority's certificate contains invalid data. 0x80094005 (-2146877435 CERTSRV_E_INVALID_CA_CERTIFICATE)" - Uwe Gradenegger

Pingback: Requesting a certificate for domain controller fails with error message "The RPC server is unavailable. 0x800706ba (WIN32: 1722 RPC_SERVER_UNAVAILABLE)" - Uwe Gradenegger

Pingback: Details about the event with ID 13 of the source Microsoft-Windows-CertificateServicesClient-CertEnroll - Uwe

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Pingback: Certificate request fails with error message "The requested certificate template is not supported by this CA. 0x80094800 (-2146875392 CERTSRV_E_UNSUPPORTED_CERT_TYPE)." - Uwe Gradenegger

Pingback: Certificate request fails with error message "The request is missing required signature policy information. 0x80094809 (-2146875383 CERTSRV_E_SIGNATURE_POLICY_REQUIRED)" - Uwe Gradenegger

Pingback: Certificate request fails with error message "Bad Data. 0x80090005 (-2146893819 NTE_BAD_DATA)." - Uwe Gradenegger

Pingback: Details about the event with ID 57 of the source Microsoft-Windows-CertificationAuthority - Uwe Gradenegger

Pingback: Troubleshooting for automatic certificate request (autoenrollment) via RPC/DCOM - Uwe Gradenegger

Pingback: Configuring the Trusted Platform Module (TPM) Key Attestation - Uwe Gradenegger

Pingback: Performing a functional test for a Certification Authority - Uwe Gradenegger

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Pingback: A policy module to tame them: Presentation of the TameMyCerts Policy Module for the Microsoft Certification Authority - Uwe Gradenegger

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Pingback: About the option "Build this from Active Directory information" for certificate templates - Uwe Gradenegger

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Pingback: Details about the event with ID 100 of the source Microsoft-Windows-CertificationAuthority - Uwe Gradenegger

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Pingback: Details about the event with ID 130 of the source Microsoft-Windows-CertificationAuthority - Uwe Gradenegger

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Pingback: Certificate request fails with error message "The certificate request could not be submitted to the certification authority. Error: The RPC server is unavailable. 0x800706ba (WIN32: 1722 RPC_S_SERVER_UNAVAILABLE)" - Uw

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Comments are closed.

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PREVIOUS

Details of the event with ID 52 of the source Microsoft-Windows-CertificationAuthority

NEXT

Details of the event with ID 63 of the source Microsoft-Windows-CertificationAuthority

The TameMyCerts Policy module for the Microsoft Certification Authority is available on GitHub available (Current version: 1.6.1045.1129 / Manual / Changelog).

The PSCertificateEnrollment PowerShell module is set to GitHub and in the PowerShell Gallery available (Current version: 1.0.9 / Changelog).

SEARCH

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Search ...

PKI EVENTS

- Active Directory
- Autoenrollment
- Online responder (OCSP)
- Online responder (OCSP, Audit)
- Network Device Registration Service (NDES)
- Remote Desktop Session Host (RDP)
- Certificate Enrollment Policy Web Service (CEP)
- Certificate Enrollment Web Service (CES)
- Certification Authority
- Certification Authority (Audit)

RECENT POSTS

- New ESC15 vulnerability discovered in Active Directory Certificate Services - easy-to-implement countermeasures
  October 2024
- How the TameMyCerts Policy Module for Active Directory Certificate Services (ADCS) can repair incoming certificate requests to make them RFC compliant
  July 2024
- How the TameMyCerts Policy Module for Active Directory Certificate Services (ADCS) can help establish digital signature

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July 2024

- How the TameMyCerts Policy Module for Active Directory Certificate Services (ADCS) can help secure scenarios with Microsoft Intune and other Mobile Device Management (MDM) systems
  July 2024
- How the TameMyCerts Policy Module for Active Directory Certificate Services (ADCS) can detect and prevent attacks against the ESC6 and ESC7 attack vectors
  July 2024

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- TameMyCerts (7)
- Test environment (2)

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- Certification Authority Installation (12)
- Certification Authority Maintenance (7)
- Certification Authority Web Enrollment (CAWE) (18)

TAGS

- Apple Macintosh
- Auditing
- Exhibition guideline
- Autoenrollment
- capolicy.inf
- Certificate Enrollment
- certlm.msc
- Cert Publishers
- certreq
- certutil
- Chromium
- CryptoAPI
- Cryptographic Service Provider (CSP)
- CT_FLAG_SUBJECT_ALT_REQUIRE_DOMAIN_DNS
- Delegation (Kerberos)
- Domain controller (DC)
- Elliptic curves
- Enrollment Agent
- Enroll on Behalf of (EOBO)
- Event display
- Extended key usage (EKU)
- ESC1
- ESC6
- Exit module
- Firewall
- Group Managed Service Account (gMSA)
- Group Policy
- Hardware Security Module (HSM)
- HTTP error 500
- HTTP over SSL (HTTPS)
- In-Place Upgrade

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Internet Information Services (IIS) Kerberos

Key Storage Provider (KSP) Microsoft Edge Microsoft Intune

Microsoft Outlook Migration

Mobile Device Management (MDM) MS-WSTEP MS-XCEP

Network Policy Server (NPS) NTAuthCertificates PKCS#1

PKCS#7 Policy module Private Key Archiving

PSCertificateEnrollment Registration Authority (RA)

Registry Remote Desktop (RDP) RFC 2818 RFC 5280

RPC_S_SERVER_UNAVAILABLE SafeNet

SeBatchLogonRight

Secure/Multipurpose Internet Mail Extensions (S/MIME)

Secure Sockets Layer (SSL) Service Principal Name (SPN)

SeServiceLogonRight Safety hardening Smartcard Logon

Brevocation list distribution point (CDP)

Subject Alternative Name (SAN) TameMyCerts Policy Module

TPM Key Attestation Trusted Platform Module (TPM)

Windows Hello for Business Windows Powershell

Certificate Enrollment Guideline

Certificate Enrollment Policy Web Service (CEP)

Certificate Enrollment Web Service (CES)

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Certificate Revocation List (CRL) Certificate Template

Certification Authority Certificate

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