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SSL Report: libreduca.com (192.81.217.8)

Assessed on: Tue Jul 09 18:26:18 UTC 2013 | Clear cache

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Summary

Overall Rating

A

Certificate	100
Protocol Support	90
Key Exchange	90
Cipher Strength	90

0 20 40 60 80 100

Documentation: SSL/TLS Deployment Best Practices **and** SSL Server Rating Guide.

Authentication

Server Key and Certificate #1

Common names	*.libreduca.com
Alternative names	*.libreduca.com libreduca.com
Prefix handling	Both (with and without WWW)
Valid from	Mon Jan 14 00:00:00 UTC 2013
Valid until	Wed Feb 12 23:59:59 UTC 2014 (expires in 7 months and 8 days)
Key	RSA 2048 bits
Weak key (Debian)	No
Issuer	EssentialSSL CA
Signature algorithm	SHA1withRSA
Extended Validation	No
Revocation information	CRL, OCSP
Revocation status	Good (not revoked)
Trusted	Yes

Additional Certificates (if supplied)

Certificates provided	4 (4992 bytes)
Chain issues	None

#2

Subject	EssentialSSL CA SHA1: 73820a20f8f47a457cd0b54cc4e4e31cefa5c1e7
Valid until	Tue Dec 31 23:59:59 UTC 2019 (expires in 6 years and 5 months)
Key	RSA 2048 bits
Issuer	COMODO Certification Authority
Signature algorithm	SHA1withRSA

#3

Subject	COMODO Certification Authority SHA1: 4e154acb683efd5578001432b92afe896812b85e
Valid until	Sat May 30 10:48:38 UTC 2020 (expires in 6 years and 10 months)
Key	RSA 2048 bits
Issuer	UTN - DATACorp SGC
Signature algorithm	SHA1withRSA

#4

Subject	UTN - DATACorp SGC SHA1: 9e99817d12280c9677674430492eda1dce2e4c63
Valid until	Sat May 30 10:48:38 UTC 2020 (expires in 6 years and 10 months)
Key	RSA 2048 bits
Issuer	AddTrust External CA Root
Signature algorithm	SHA1withRSA

Certification Paths

Path #1: Trusted

1	Sent by server	*.libreduca.com SHA1: 8ecea8cb7ae8a701bb14e0bdb89276536a6c2ef6 RSA 2048 bits / SHA1withRSA
2	Sent by server	EssentialSSL CA SHA1: 73820a20f8f47a457cd0b54cc4e4e31cefa5c1e7 RSA 2048 bits / SHA1withRSA
3	In trust store	COMODO Certification Authority SHA1: 6631bf9ef74f9eb6c9d5a60cba6abed1f7bdef7b RSA 2048 bits / SHA1withRSA

Path #2: Trusted

1	Sent by server	*.libreduca.com SHA1: 8ecea8cb7ae8a701bb14e0bdb89276536a6c2ef6 RSA 2048 bits / SHA1withRSA
2	Sent by server	EssentialSSL CA SHA1: 73820a20f8f47a457cd0b54cc4e4e31cefa5c1e7 RSA 2048 bits / SHA1withRSA
3	Sent by server	COMODO Certification Authority SHA1: 4e154acb683efd5578001432b92afe896812b85e RSA 2048 bits / SHA1withRSA
4	In trust store	UTN - DATACorp SGC SHA1: 58119f0e128287ea50fdd987456f4f78dcfad6d4 RSA 2048 bits / SHA1withRSA

Path #3: Trusted

1	Sent by server	*.libreduca.com SHA1: 8ecea8cb7ae8a701bb14e0bdb89276536a6c2ef6 RSA 2048 bits / SHA1withRSA
2	Sent by server	EssentialSSL CA SHA1: 73820a20f8f47a457cd0b54cc4e4e31cefa5c1e7 RSA 2048 bits / SHA1withRSA
3	Sent by server	COMODO Certification Authority SHA1: 4e154acb683efd5578001432b92afe896812b85e RSA 2048 bits / SHA1withRSA
4	Sent by server	UTN - DATACorp SGC SHA1: 9e99817d12280c9677674430492eda1dce2e4c63 RSA 2048 bits / SHA1withRSA
5	In trust store	AddTrust External CA Root SHA1: 02faf3e291435468607857694df5e45b68851868

RSA 2048 bits / SHA1withRSA

Configuration

Protocols

TLS 1.2	Yes
TLS 1.1	Yes
TLS 1.0	Yes
SSL 3.0	Yes
SSL 2.0	No

Cipher Suites (SSLv3+ suites in server-preferred order, then SSLv2 suites where used)

TLS_RSA_WITH_AES_128_GCM_SHA256 (0x9c)	128
SSL_RSA_WITH_RC4_128_SHA (0x5)	128
TLS_RSA_WITH_AES_256_GCM_SHA384 (0x9d)	256
TLS_RSA_WITH_AES_256_CBC_SHA256 (0x3d)	256
TLS_RSA_WITH_AES_256_CBC_SHA (0x35)	256
TLS_RSA_WITH_CAMELLIA_256_CBC_SHA (0x84)	256
SSL_RSA_WITH_3DES_EDE_CBC_SHA (0xa)	168
TLS_RSA_WITH_AES_128_CBC_SHA256 (0x3c)	128
TLS_RSA_WITH_AES_128_CBC_SHA (0x2f)	128
TLS_RSA_WITH_CAMELLIA_128_CBC_SHA (0x41)	128

Handshake Simulation (Experimental)

Chrome 27	TLS 1.1	SSL_RSA_WITH_RC4_128_SHA (0x5)	128
Firefox 21	TLS 1.0	SSL_RSA_WITH_RC4_128_SHA (0x5)	128
Internet Explorer 10	TLS 1.0	SSL_RSA_WITH_RC4_128_SHA (0x5)	128
Safari iOS 6.0.1	TLS 1.2	SSL_RSA_WITH_RC4_128_SHA (0x5)	128
Safari 5.1.9	TLS 1.0	SSL_RSA_WITH_RC4_128_SHA (0x5)	128

Protocol Details

Secure Renegotiation	**Supported**
Secure Client-Initiated Renegotiation	No
Insecure Client-Initated Renegotiation	No
BEAST attack	**Not vulnerable**
Compression	No
RC4	**Yes PROBLEMATIC** (more info)
Forward Secrecy	No (more info)
Next Protocol Negotiation	No
Session resumption	Yes
Session tickets	Yes
OCSP stapling	No
Strict Transport Security	**Yes** max-age=31536000
Long handshake intolerance	No
TLS extension intolerance	No
TLS version intolerance	**TLS 2.98**
SSLv2 handshake compatibility	Yes

Miscellaneous

Test date	Tue Jul 09 18:25:45 UTC 2013
Test duration	33.235 seconds
HTTP status code	200
HTTP server signature	Apache/2.2.22 (Ubuntu)
Server hostname	-
PCI compliant	Yes
FIPS-ready	No

SSL Report v1.2.79

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