SSL Report: netfiles.de (93.104.192.110)

Assessed on: Mon, 03 Dec 2018 10:04:46 UTC | Hide | Clear cache

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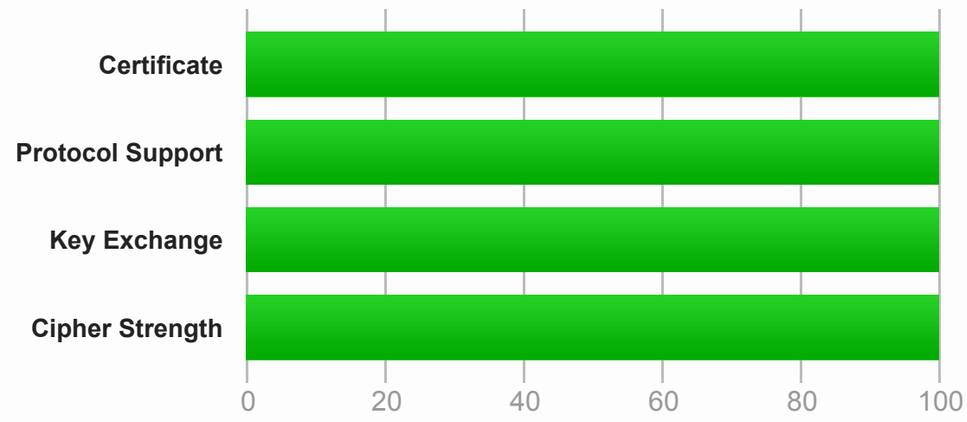
Summary

Overall Rating

A+



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HTTP Strict Transport Security (HSTS) with long duration deployed on this server. MORE INFO »

Certificate #1: RSA 4096 bits (SHA256withRSA)

Server Key and Certificate #1

Subject	netfiles.de Fingerprint SHA256: b388637586c2f10b2537778793e559e110d313cf566f42596f093e1470afced5 Pin SHA256: dycJrdhCjJY7JYrUt1JWIz5a5szYWq3nkop5Jczanwg=
Common names	netfiles.de
Alternative names	netfiles.de www.netfiles.de app.netfiles.de sftp.netfiles.de webdav.netfiles.de
Serial Number	048662112bab3e101ce214f4f7b12237
Valid from	Thu, 05 Oct 2017 08:26:36 UTC
Valid until	Sat, 05 Oct 2019 10:22:35 UTC (expires in 10 months and 2 days)
Key	RSA 4096 bits (e 65537)
Weak key (Debian)	No
Issuer	D-TRUST SSL Class 3 CA 1 EV 2009 AIA: http://www.d-trust.net/cgi-bin/D-TRUST_SSL_Class_3_CA_1_EV_2009.crt AIA: ldap://directory.d-trust.net/CN=D-TRUST%20SSL%20Class%203%20CA%201%20EV%202009,O=D-Trust%20GmbH,C=DE?cACertificate?base?
Signature algorithm	SHA256withRSA
Extended Validation	**Yes**
Certificate Transparency	**Yes (certificate)**
OCSP Must Staple	No
Revocation information	CRL, OCSP CRL: http://crl.d-trust.net/crl/d-trust_ssl_class_3_ca_1_ev_2009.der.crl CRL: http://cdn.d-trust-cloudcrl.net/crl/d-trust_ssl_class_3_ca_1_ev_2009.crl OCSP: http://ssl-c3-ca1-ev-2009.ocsp.d-trust.net
Revocation status	Good (not revoked) **OCSP ERROR: Next update not provided**
DNS CAA	No (more info)
Trusted	**Yes** **Mozilla Apple Android Java Windows**

Additional Certificates (if supplied)

Certificates provided	3 (5177 bytes)
Chain issues	**Contains anchor**

#2

Subject	D-TRUST SSL Class 3 CA 1 EV 2009 Fingerprint SHA256: b0935dc04b4e60c0c42def7ec57a1b1d8f958d17988e71cc80a8cf5e635ba5b4 Pin SHA256: Iv5BNZ5aWd27ooolULDolFTwIaaWjHvG4yyH3rss4X8=
Valid until	Mon, 05 Nov 2029 08:50:46 UTC (expires in 10 years and 11 months)
Key	RSA 2048 bits (e 65537)
Issuer	D-TRUST Root Class 3 CA 2 EV 2009
Signature algorithm	SHA256withRSA

#3

Subject	D-TRUST Root Class 3 CA 2 EV 2009 In trust store Fingerprint SHA256: eec5496b988ce98625b934092eec2908bed0b0f316c2d4730c84eaf1f3d34881 Pin SHA256: /zQvtsTIvTCkcG9zSJU58Z5uSMwF9GJUZU9mENvFQOk=
Valid until	Mon, 05 Nov 2029 08:50:46 UTC (expires in 10 years and 11 months)
Key	RSA 2048 bits (e 65537)
Issuer	D-TRUST Root Class 3 CA 2 EV 2009 Self-signed
Signature algorithm	SHA256withRSA

Certification Paths

Click here to expand

Certificate #2: RSA 2048 bits (SHA256withRSA) No SNI

Click here to expand

Configuration

Protocols

TLS 1.3	No
TLS 1.2	Yes
TLS 1.1	No
TLS 1.0	No
SSL 3	No
SSL 2	No

For TLS 1.3 tests, we only support RFC 8446.

Cipher Suites

 # TLS 1.2 (suites in server-preferred order)

TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384 (0xc030)	ECDH secp521r1 (eq. 15360 bits RSA)	FS	256
TLS_ECDHE_RSA_WITH_AES_256_CBC_SHA384 (0xc028)	ECDH secp521r1 (eq. 15360 bits RSA)	FS	256
TLS_ECDHE_RSA_WITH_AES_256_CBC_SHA (0xc014)	ECDH secp521r1 (eq. 15360 bits RSA)	FS	256

Handshake Simulation

Android 4.4.2	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384	ECDH secp521r1	FS
Android 5.0.0	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_256_CBC_SHA	ECDH secp521r1	FS
Android 6.0	RSA 4096 (SHA256)	TLS 1.2 > http/1.1	TLS_ECDHE_RSA_WITH_AES_256_CBC_SHA	ECDH secp384r1	FS
Android 7.0	RSA 4096 (SHA256)	TLS 1.2 > http/1.1	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384	ECDH secp384r1	FS
BingPreview Jan 2015	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384	ECDH secp521r1	FS
Chrome 49 / XP SP3	RSA 4096 (SHA256)	TLS 1.2 > http/1.1	TLS_ECDHE_RSA_WITH_AES_256_CBC_SHA	ECDH secp384r1	FS
Chrome 69 / Win 7 R	RSA 4096 (SHA256)	TLS 1.2 > http/1.1	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384	ECDH secp384r1	FS
Chrome 70 / Win 10	RSA 4096 (SHA256)	TLS 1.2 > http/1.1	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384	ECDH secp384r1	FS

Firefox 31.3.0 ESR / Win 7	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_256_CBC_SHA ECDH secp521r1 FS
Firefox 47 / Win 7 R	RSA 4096 (SHA256)	TLS 1.2 > http/1.1	TLS_ECDHE_RSA_WITH_AES_256_CBC_SHA ECDH secp521r1 FS
Firefox 49 / XP SP3	RSA 4096 (SHA256)	TLS 1.2 > http/1.1	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384 ECDH secp521r1 FS
Firefox 62 / Win 7 R	RSA 4096 (SHA256)	TLS 1.2 > http/1.1	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384 ECDH secp521r1 FS
Googlebot Feb 2018	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384 ECDH secp384r1 FS
IE 11 / Win 7 R	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_256_CBC_SHA384 ECDH secp384r1 FS
IE 11 / Win 8.1 R	RSA 4096 (SHA256)	TLS 1.2 > http/1.1	TLS_ECDHE_RSA_WITH_AES_256_CBC_SHA384 ECDH secp384r1 FS
IE 11 / Win Phone 8.1 R	RSA 4096 (SHA256)	TLS 1.2 > http/1.1	TLS_ECDHE_RSA_WITH_AES_256_CBC_SHA ECDH secp384r1 FS
IE 11 / Win Phone 8.1 Update R	RSA 4096 (SHA256)	TLS 1.2 > http/1.1	TLS_ECDHE_RSA_WITH_AES_256_CBC_SHA384 ECDH secp384r1 FS
IE 11 / Win 10 R	RSA 4096 (SHA256)	TLS 1.2 > http/1.1	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384 ECDH secp384r1 FS
Edge 15 / Win 10 R	RSA 4096 (SHA256)	TLS 1.2 > http/1.1	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384 ECDH secp384r1 FS
Edge 13 / Win Phone 10 R	RSA 4096 (SHA256)	TLS 1.2 > http/1.1	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384 ECDH secp384r1 FS
Java 8u161	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384 ECDH secp521r1 FS
OpenSSL 1.0.1l R	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384 ECDH secp521r1 FS
OpenSSL 1.0.2e R	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384 ECDH secp521r1 FS
Safari 6 / iOS 6.0.1	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_256_CBC_SHA384 ECDH secp521r1 FS
Safari 7 / iOS 7.1 R	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_256_CBC_SHA384 ECDH secp521r1 FS
Safari 7 / OS X 10.9 R	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_256_CBC_SHA384 ECDH secp521r1 FS
Safari 8 / iOS 8.4 R	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_256_CBC_SHA384 ECDH secp521r1 FS
Safari 8 / OS X 10.10 R	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_256_CBC_SHA384 ECDH secp521r1 FS
Safari 9 / iOS 9 R	RSA 4096 (SHA256)	TLS 1.2 > http/1.1	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384 ECDH secp521r1 FS
Safari 9 / OS X 10.11 R	RSA 4096 (SHA256)	TLS 1.2 > http/1.1	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384 ECDH secp521r1 FS
Safari 10 / iOS 10 R	RSA 4096 (SHA256)	TLS 1.2 > http/1.1	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384 ECDH secp521r1 FS
Safari 10 / OS X 10.12 R	RSA 4096 (SHA256)	TLS 1.2 > http/1.1	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384 ECDH secp521r1 FS
Apple ATS 9 / iOS 9 R	RSA 4096 (SHA256)	TLS 1.2 > http/1.1	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384 ECDH secp521r1 FS
Yahoo Slurp Jan 2015	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384 ECDH secp384r1 FS
YandexBot Jan 2015	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384 ECDH secp521r1 FS

 # Not simulated clients (Protocol mismatch)

Click here to expand

(1) Clients that do not support Forward Secrecy (FS) are excluded when determining support for it.

(2) No support for virtual SSL hosting (SNI). Connects to the default site if the server uses SNI.

(3) Only first connection attempt simulated. Browsers sometimes retry with a lower protocol version.

(R) Denotes a reference browser or client, with which we expect better effective security.

(All) We use defaults, but some platforms do not use their best protocols and features (e.g., Java 6 & 7, older IE).

(All) Certificate trust is not checked in handshake simulation, we only perform TLS handshake.

Protocol Details

DROWN	No, server keys and hostname not seen elsewhere with SSLv2 **(1) For a better understanding of this test, please read this longer explanation** (2) Key usage data kindly provided by the Censys network search engine; original DROWN website here (3) Censys data is only indicative of possible key and certificate reuse; possibly out-of-date and not complete
Secure Renegotiation	**Supported**
Secure Client-Initiated Renegotiation	No
Insecure Client-Initiated Renegotiation	No
BEAST attack	Mitigated server-side (more info)
POODLE (SSLv3)	No, SSL 3 not supported (more info)
POODLE (TLS)	No (more info)
Downgrade attack prevention	Unknown (requires support for at least two protocols, excl. SSL2)
SSL/TLS compression	No
RC4	No
Heartbeat (extension)	Yes
Heartbleed (vulnerability)	No (more info)
Ticketbleed (vulnerability)	No (more info)
OpenSSL CCS vuln. (CVE-2014-0224)	No (more info)
OpenSSL Padding Oracle vuln. (CVE-2016-2107)	No (more info)
ROBOT (vulnerability)	No (more info)

Forward Secrecy	**Yes (with most browsers) ROBUST** (more info)
ALPN	Yes http/1.1
NPN	No
Session resumption (caching)	Yes
Session resumption (tickets)	Yes
OCSP stapling	No
Strict Transport Security (HSTS)	**Yes** max-age=31536000
HSTS Preloading	**Not in: Chrome Edge Firefox IE**
Public Key Pinning (HPKP)	No (more info)
Public Key Pinning Report-Only	No
Public Key Pinning (Static)	No (more info)
Long handshake intolerance	No
TLS extension intolerance	No
TLS version intolerance	No
Incorrect SNI alerts	No
Uses common DH primes	No, DHE suites not supported
DH public server param (Ys) reuse	No, DHE suites not supported
ECDH public server param reuse	No
Supported Named Groups	secp521r1, secp384r1 (server preferred order)
SSL 2 handshake compatibility	No

HTTP Requests

1 **https://netfiles.de/** (HTTP/1.1 301 Moved Permanently)

Miscellaneous

Test date	Mon, 03 Dec 2018 10:03:48 UTC
Test duration	58.412 seconds
HTTP status code	301
HTTP forwarding	https://www.netfiles.de
HTTP server signature	Apache
Server hostname	netfiles.de

SSL Report v1.32.13