SSL Report: demo.plugncast.com (178.33.249.99)

Assessed on: Thu, 24 Feb 2022 14:42:16 UTC | **HIDDEN** | Clear cache

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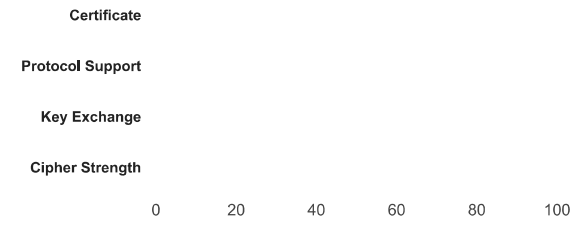
Summary

Overall Rating

A



Visit our documentation page for more information, configuration guides, and books. Known issues are documented here.

Certificate #1: RSA 4096 bits (SHA256withRSA)

Server Key and Certificate #1

Subject	*.plugncast.com Fingerprint SHA256: f3e9ec0a0a50f11744582dd3f912d5c59abd87d039f42a285a9460fb605c7f7d Pin SHA256: 8ikk4b+eCbUzvyLaBbdn7uycSop4GeOMqzBdj4pgcuY=
Common names	*.plugncast.com
Alternative names	*.plugncast.com plugncast.com
Serial Number	01c81031a7b057a3c0bd46c9f9e6bece
Valid from	Thu, 04 Jun 2020 00:00:00 UTC
Valid until	Thu, 21 Jul 2022 12:00:00 UTC (expires in 4 months and 26 days)
Key	RSA 4096 bits (e 65537)
Weak key (Debian)	No
Issuer	GeoTrust RSA CA 2018 AIA: http://cacerts.geotrust.com/GeoTrustRSACA2018.crt
Signature algorithm	SHA256withRSA
Extended Validation	No
Certificate Transparency	Yes (certificate)
OCSP Must Staple	No
Revocation information	CRL, OCSP CRL: http://cdp.geotrust.com/GeoTrustRSACA2018.crl OCSP: http://status.geotrust.com
Revocation status	Good (not revoked)
DNS CAA	No (more info)
Trusted	Yes Mozilla Apple Android Java Windows

Additional Certificates (if supplied)

Certificates provided	2 (3017 bytes)
Chain issues	None

#2

Subject	GeoTrust RSA CA 2018 Fingerprint SHA256: 8cc34e11c167045824ade61c4907a6440edb2c4398e99c112a859d661f8e2bc7 Pin SHA256: zUlraRNo+4JoAYA7ROeWjARtIoN4rIEbCpfCRQT6N6A=
Valid until	Sat, 06 Nov 2027 12:23:45 UTC (expires in 5 years and 8 months)

Additional Certificates (if supplied)

Key	RSA 2048 bits (e 65537)
Issuer	DigiCert Global Root CA
Signature algorithm	SHA256withRSA

Certification Paths

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Configuration

Protocols

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

Cipher Suites

 # TLS 1.2 (suites in server-preferred order)

TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256 (0xc02f) ECDH secp256r1 (eq. 3072 bits RSA) FS	128
TLS_ECDHE_RSA_WITH_AES_128_CBC_SHA (0xc013) ECDH secp256r1 (eq. 3072 bits RSA) FS **WEAK**	128
TLS_ECDHE_RSA_WITH_AES_128_CBC_SHA256 (0xc027) ECDH secp256r1 (eq. 3072 bits RSA) FS **WEAK**	128
TLS_ECDHE_RSA_WITH_AES_256_CBC_SHA (0xc014) ECDH secp384r1 (eq. 7680 bits RSA) FS **WEAK**	256
TLS_DHE_RSA_WITH_AES_128_GCM_SHA256 (0x9e) DH 2048 bits FS	128
TLS_DHE_RSA_WITH_AES_128_CBC_SHA (0x33) DH 2048 bits FS **WEAK**	128
TLS_DHE_RSA_WITH_AES_128_CBC_SHA256 (0x67) DH 2048 bits FS **WEAK**	128
TLS_DHE_RSA_WITH_AES_256_CBC_SHA (0x39) DH 2048 bits FS **WEAK**	256
TLS_DHE_RSA_WITH_AES_256_CBC_SHA256 (0x6b) DH 2048 bits FS **WEAK**	256
TLS_RSA_WITH_AES_128_GCM_SHA256 (0x9c) **WEAK**	128
TLS_RSA_WITH_AES_128_CBC_SHA (0x2f) **WEAK**	128
TLS_RSA_WITH_AES_128_CBC_SHA256 (0x3c) **WEAK**	128
TLS_RSA_WITH_AES_256_CBC_SHA (0x35) **WEAK**	256
TLS_RSA_WITH_AES_256_CBC_SHA256 (0x3d) **WEAK**	256

Handshake Simulation

Android 4.4.2	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256	ECDH secp256r1 FS
Android 5.0.0	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256	ECDH secp256r1 FS
Android 6.0	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256	ECDH secp256r1 FS
Android 7.0	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256	ECDH secp256r1 FS
Android 8.0	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256	ECDH secp256r1 FS
Android 8.1	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256	ECDH secp256r1 FS
Android 9.0	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256	ECDH secp256r1 FS
BingPreview Jan 2015	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256	ECDH secp256r1 FS
Chrome 49 / XP SP3	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256	ECDH secp256r1 FS
Chrome 69 / Win 7 R	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256	ECDH secp256r1 FS
Chrome 70 / Win 10	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256	ECDH secp256r1 FS
Chrome 80 / Win 10 R	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256	ECDH secp256r1 FS
Firefox 31.3.0 ESR / Win 7	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256	ECDH secp256r1 FS
Firefox 47 / Win 7 R	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256	ECDH secp256r1 FS
Firefox 49 / XP SP3	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256	ECDH secp256r1 FS

Handshake Simulation

Firefox 62 / Win 7 R	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256	ECDH secp256r1 FS
Firefox 73 / Win 10 R	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256	ECDH secp256r1 FS
Googlebot Feb 2018	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256	ECDH secp256r1 FS
IE 11 / Win 7 R	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_128_CBC_SHA	ECDH secp256r1 FS
IE 11 / Win 8.1 R	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_128_CBC_SHA	ECDH secp256r1 FS
IE 11 / Win Phone 8.1 R	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_128_CBC_SHA	ECDH secp256r1 FS
IE 11 / Win Phone 8.1 Update R	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_128_CBC_SHA	ECDH secp256r1 FS
IE 11 / Win 10 R	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256	ECDH secp256r1 FS
Edge 15 / Win 10 R	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256	ECDH secp256r1 FS
Edge 16 / Win 10 R	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256	ECDH secp256r1 FS
Edge 18 / Win 10 R	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256	ECDH secp256r1 FS
Edge 13 / Win Phone 10 R	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256	ECDH secp256r1 FS
Java 8u161	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256	ECDH secp256r1 FS
Java 11.0.3	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256	ECDH secp256r1 FS
Java 12.0.1	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256	ECDH secp256r1 FS
OpenSSL 1.0.1l R	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256	ECDH secp256r1 FS
OpenSSL 1.0.2s R	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256	ECDH secp256r1 FS
OpenSSL 1.1.0k R	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256	ECDH secp256r1 FS
OpenSSL 1.1.1c R	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256	ECDH secp256r1 FS
Safari 6 / iOS 6.0.1	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_128_CBC_SHA	ECDH secp256r1 FS
Safari 7 / iOS 7.1 R	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_128_CBC_SHA	ECDH secp256r1 FS
Safari 7 / OS X 10.9 R	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_128_CBC_SHA	ECDH secp256r1 FS
Safari 8 / iOS 8.4 R	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_128_CBC_SHA	ECDH secp256r1 FS
Safari 8 / OS X 10.10 R	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_128_CBC_SHA	ECDH secp256r1 FS
Safari 9 / iOS 9 R	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256	ECDH secp256r1 FS
Safari 9 / OS X 10.11 R	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256	ECDH secp256r1 FS
Safari 10 / iOS 10 R	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256	ECDH secp256r1 FS
Safari 10 / OS X 10.12 R	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256	ECDH secp256r1 FS
Safari 12.1.2 / MacOS 10.14.6 Beta R	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256	ECDH secp256r1 FS
Safari 12.1.1 / iOS 12.3.1 R	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256	ECDH secp256r1 FS
Apple ATS 9 / iOS 9 R	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256	ECDH secp256r1 FS
Yahoo Slurp Jan 2015	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256	ECDH secp256r1 FS
YandexBot Jan 2015	RSA 4096 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256	ECDH secp256r1 FS

 # Not simulated clients (Protocol mismatch)

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(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)
Zombie POODLE	No (more info) TLS 1.2 : 0xc013
GOLDENDOODLE	No (more info) TLS 1.2 : 0xc013

Protocol Details

OpenSSL 0-Length	No (more info) TLS 1.2 : 0xc013
Sleeping POODLE	No (more info) TLS 1.2 : 0xc013
Downgrade attack prevention	Unknown (requires support for at least two protocols, excl. SSL2)
SSL/TLS compression	No
RC4	No
Heartbeat (extension)	No
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	No
NPN	No
Session resumption (caching)	Yes
Session resumption (tickets)	Yes
OCSP stapling	No
Strict Transport Security (HSTS)	No
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
DH public server param (Ys) reuse	No
ECDH public server param reuse	**Yes**
Supported Named Groups	secp256r1, secp384r1, secp521r1 (server preferred order)
SSL 2 handshake compatibility	Yes

HTTP Requests

1 **https://demo.plugncast.com/** (HTTP/1.1 200 Ok)

Miscellaneous

Test date	Thu, 24 Feb 2022 14:40:33 UTC
Test duration	103.145 seconds
HTTP status code	200
HTTP server signature	Plugncast
Server hostname	-

SSL Report v2.1.10