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SSL Report: autopath.tigerenterprises.org (34.200.67.203)

Assessed on: Sat, 07 May 2022 06:07:08 UTC | [Hide](#) | [Clear cache](#)

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Summary

Overall Rating

A

Certificate

Protocol Support

Key Exchange

Cipher Strength

0 20 40 60 80 100

Visit our [documentation page](#) for more information, configuration guides, and books. Known issues are documented [here](#).

This server supports TLS 1.3.

Certificate #1: RSA 2048 bits (SHA256withRSA)



Server Key and Certificate #1

Subject

autopath.tigerenterprises.org

Fingerprint SHA256: 6d2fa2810841c42b0df18c9bbfd0e544fc647d73fc9bad1e821b6052c4d94eff

Pin SHA256: Co30lbHdbnwQ2UCiF7S7PsAeGDMvAznsC37dUCF9DA=

Common names

autopath.tigerenterprises.org

Alternative names

autopath.tigerenterprises.org

Serial Number

0369389ca9f037f7af7b16cfd069d2aa47c2

Valid from

Sun, 24 Apr 2022 00:33:22 UTC

Valid until

Sat, 23 Jul 2022 00:33:21 UTC (expires in 2 months and 15 days)

Key

RSA 2048 bits (e 65537)

Weak key (Debian)

No

Issuer

R3

AIA: http://r3.i.lencr.org/

Signature algorithm

SHA256withRSA

Extended Validation

No

Certificate Transparency

Yes (certificate)

OCSP Must Staple

No

Revocation information

OCSP

OCSP: http://r3.o.lencr.org

Revocation status

Good (not revoked)

DNS CAA

No ([more info](#))

Trusted

Yes

Mozilla Apple Android Java Windows



Additional Certificates (if supplied)

Certificates provided

3 (4034 bytes)

Chain issues

None

Additional Certificates (if supplied)

#2

Subject	R3
	Fingerprint SHA256: 67add1168b020ae61b8f5fc96813c04c2aa589960796865572a3c7e737613dfd
	Pin SHA256: jQJTbH0grw0/1TkHSumWb+Fs0Ggogr621gT3PvPKG0=
Valid until	Mon, 15 Sep 2025 16:00:00 UTC (expires in 3 years and 4 months)
Key	RSA 2048 bits (e 65537)
Issuer	ISRG Root X1
Signature algorithm	SHA256withRSA

#3

Subject	ISRG Root X1
	Fingerprint SHA256: 6d99fb265eb1c5b3744765fcbc648f3cd8e1bffa4dc4c2f99b9d47cf7ff1c24f
	Pin SHA256: C5+lpZ7tcVwmwQIMcRtPbsQtWLABXhQzejna0wHFr8M=
Valid until	Mon, 30 Sep 2024 18:14:03 UTC (expires in 2 years and 4 months)
Key	RSA 4096 bits (e 65537)
Issuer	DST Root CA X3
Signature algorithm	SHA256withRSA



Certification Paths



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Configuration



Protocols

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



Cipher Suites

TLS 1.3 (server has no preference)



TLS_AES_128_GCM_SHA256 (0x1301)	ECDH x25519 (eq. 3072 bits RSA) FS	128
TLS_AES_256_GCM_SHA384 (0x1302)	ECDH x25519 (eq. 3072 bits RSA) FS	256
TLS_CHACHA20_POLY1305_SHA256 (0x1303)	ECDH x25519 (eq. 3072 bits RSA) FS	256

TLS 1.2 (server has no preference)



TLS_ECDHE_RSA_WITH_AES_128_CBC_SHA (0xc013)	ECDH secp521r1 (eq. 15360 bits RSA) FS	WEAK	128
TLS_DHE_RSA_WITH_AES_128_GCM_SHA256 (0x9e)	DH 2048 bits FS		128
TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256 (0xc02f)	ECDH secp521r1 (eq. 15360 bits RSA) FS		128
TLS_DHE_RSA_WITH_AES_256_GCM_SHA384 (0x9f)	DH 2048 bits FS		256
TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384 (0xc030)	ECDH secp521r1 (eq. 15360 bits RSA) FS		256
TLS_ECDHE_RSA_WITH_CHACHA20_POLY1305_SHA256 (0xcca8)	ECDH secp521r1 (eq. 15360 bits RSA) FS		256



Handshake Simulation

Android 4.4.2	RSA 2048 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384	ECDH secp521r1 FS
Android 5.0.0	RSA 2048 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256	ECDH secp521r1 FS

Handshake Simulation

Android 6.0	RSA 2048 (SHA256)	TLS 1.2 > http/1.1	TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256	ECDH secp256r1 FS
Android 7.0	RSA 2048 (SHA256)	TLS 1.2 > http/1.1	TLS_ECDHE_RSA_WITH_CHACHA20_POLY1305_SHA256	ECDH x25519 FS
Android 8.0	RSA 2048 (SHA256)	TLS 1.2 > http/1.1	TLS_ECDHE_RSA_WITH_CHACHA20_POLY1305_SHA256	ECDH x25519 FS
Android 8.1	-	TLS 1.3	TLS_CHACHA20_POLY1305_SHA256	ECDH x25519 FS
Android 9.0	-	TLS 1.3	TLS_CHACHA20_POLY1305_SHA256	ECDH x25519 FS
BingPreview Jan 2015	RSA 2048 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384	ECDH secp521r1 FS
Chrome 49 / XP SP3	RSA 2048 (SHA256)	TLS 1.2 > http/1.1	TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256	ECDH secp256r1 FS
Chrome 69 / Win 7 R	RSA 2048 (SHA256)	TLS 1.2 > http/1.1	TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256	ECDH x25519 FS
Chrome 70 / Win 10	-	TLS 1.3	TLS_AES_128_GCM_SHA256	ECDH x25519 FS
Chrome 80 / Win 10 R	-	TLS 1.3	TLS_AES_128_GCM_SHA256	ECDH x25519 FS
Firefox 31.3.0 ESR / Win 7	RSA 2048 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256	ECDH secp256r1 FS
Firefox 47 / Win 7 R	RSA 2048 (SHA256)	TLS 1.2 > http/1.1	TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256	ECDH secp256r1 FS
Firefox 49 / XP SP3	RSA 2048 (SHA256)	TLS 1.2 > http/1.1	TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256	ECDH secp256r1 FS
Firefox 62 / Win 7 R	RSA 2048 (SHA256)	TLS 1.2 > http/1.1	TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256	ECDH x25519 FS
Firefox 73 / Win 10 R	-	TLS 1.3	TLS_AES_128_GCM_SHA256	ECDH x25519 FS
Googlebot Feb 2018	RSA 2048 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256	ECDH x25519 FS
IE 11 / Win 7 R	RSA 2048 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_128_CBC_SHA	ECDH secp256r1 FS
IE 11 / Win 8.1 R	RSA 2048 (SHA256)	TLS 1.2 > http/1.1	TLS_ECDHE_RSA_WITH_AES_128_CBC_SHA	ECDH secp256r1 FS
IE 11 / Win Phone 8.1 R	RSA 2048 (SHA256)	TLS 1.2 > http/1.1	TLS_ECDHE_RSA_WITH_AES_128_CBC_SHA	ECDH secp256r1 FS
IE 11 / Win Phone 8.1 Update R	RSA 2048 (SHA256)	TLS 1.2 > http/1.1	TLS_ECDHE_RSA_WITH_AES_128_CBC_SHA	ECDH secp256r1 FS
IE 11 / Win 10 R	RSA 2048 (SHA256)	TLS 1.2 > http/1.1	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384	ECDH secp256r1 FS
Edge 15 / Win 10 R	RSA 2048 (SHA256)	TLS 1.2 > http/1.1	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384	ECDH x25519 FS
Edge 16 / Win 10 R	RSA 2048 (SHA256)	TLS 1.2 > http/1.1	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384	ECDH x25519 FS
Edge 18 / Win 10 R	RSA 2048 (SHA256)	TLS 1.2 > http/1.1	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384	ECDH x25519 FS
Edge 13 / Win Phone 10 R	RSA 2048 (SHA256)	TLS 1.2 > http/1.1	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384	ECDH secp256r1 FS
Java 8u161	RSA 2048 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_128_CBC_SHA	ECDH secp256r1 FS
Java 11.0.3	-	TLS 1.3	TLS_AES_128_GCM_SHA256	ECDH secp256r1 FS
Java 12.0.1	-	TLS 1.3	TLS_AES_128_GCM_SHA256	ECDH secp256r1 FS
OpenSSL 1.0.1j R	RSA 2048 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384	ECDH secp521r1 FS
OpenSSL 1.0.2s R	RSA 2048 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384	ECDH secp256r1 FS
OpenSSL 1.1.0k R	RSA 2048 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384	ECDH x25519 FS
OpenSSL 1.1.1c R	-	TLS 1.3	TLS_AES_256_GCM_SHA384	ECDH x25519 FS
Safari 6 / iOS 6.0.1	RSA 2048 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_128_CBC_SHA	ECDH secp256r1 FS
Safari 7 / iOS 7.1 R	RSA 2048 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_128_CBC_SHA	ECDH secp256r1 FS
Safari 7 / OS X 10.9 R	RSA 2048 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_128_CBC_SHA	ECDH secp256r1 FS
Safari 8 / iOS 8.4 R	RSA 2048 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_128_CBC_SHA	ECDH secp256r1 FS
Safari 8 / OS X 10.10 R	RSA 2048 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_128_CBC_SHA	ECDH secp256r1 FS
Safari 9 / iOS 9 R	RSA 2048 (SHA256)	TLS 1.2 > http/1.1	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384	ECDH secp256r1 FS
Safari 9 / OS X 10.11 R	RSA 2048 (SHA256)	TLS 1.2 > http/1.1	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384	ECDH secp256r1 FS
Safari 10 / iOS 10 R	RSA 2048 (SHA256)	TLS 1.2 > http/1.1	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384	ECDH secp256r1 FS
Safari 10 / OS X 10.12 R	RSA 2048 (SHA256)	TLS 1.2 > http/1.1	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384	ECDH secp256r1 FS
Safari 12.1.2 / MacOS 10.14.6 Beta R	-	TLS 1.3	TLS_CHACHA20_POLY1305_SHA256	ECDH x25519 FS
Safari 12.1.1 / iOS 12.3.1 R	-	TLS 1.3	TLS_CHACHA20_POLY1305_SHA256	ECDH x25519 FS
Apple ATS 9 / iOS 9 R	RSA 2048 (SHA256)	TLS 1.2 > http/1.1	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384	ECDH secp256r1 FS
Yahoo Slurp Jan 2015	RSA 2048 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384	ECDH secp384r1 FS
YandexBot Jan 2015	RSA 2048 (SHA256)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384	ECDH secp521r1 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.

Handshake Simulation

- (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
OpenSSL 0-Length	No (more info)	TLS 1.2 : 0xc013
Sleeping POODLE	No (more info)	TLS 1.2 : 0xc013
Downgrade attack prevention	Yes, TLS_FALLBACK_SCSV supported (more info)	
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	Yes	http/1.1
NPN	Yes	http/1.1
Session resumption (caching)	Yes	
Session resumption (tickets)	No	
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	No	
Supported Named Groups	secp256r1, secp384r1, secp521r1, x25519, x448 (Server has no preference)	
SSL 2 handshake compatibility	No	
0-RTT enabled	No	



1 <https://autopath.tlgerenterprises.org/> (HTTP/1.1 200 OK)



Miscellaneous

Test date	Sat, 07 May 2022 06:06:10 UTC
Test duration	58.225 seconds
HTTP status code	200
HTTP server signature	nginx/1.18.0 (Ubuntu)
Server hostname	ec2-34-200-67-203.compute-1.amazonaws.com

SSL Report v2.1.10

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