You are here: Home > Projects > SSL Server Test > brave-hill-0f449fd1e.6.azurestaticapps.net

SSL Report: brave-hill-0f449fd1e.6.azurestaticapps.net (172.170.119.25)

Assessed on: Wed, 23 Apr 2025 22:42:55 UTC | Hide | Clear cache

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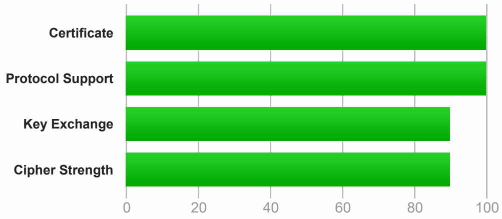
Summary

Overall Rating

A



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

This site works only in browsers with SNI support.

This server supports TLS 1.3.

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

Certificate #1: RSA 2048 bits (SHA384withRSA)

Server Key and Certificate #1

Subject	*.6.azurestaticapps.net Fingerprint SHA256: 4f1239d80dee7083ee3b859b798083e6dcd9022beace5f7bcb330737f9dc75f4 Pin SHA256: Uex+6oyulhrHQR3kJzPpFMrJVK+CWmED/oCBILyDTr4=
Common names	*.6.azurestaticapps.net
Alternative names	*.6.azurestaticapps.net
Serial Number	3302021019b632ef7b1f891530000002021019
Valid from	Wed, 02 Apr 2025 17:52:44 UTC
Valid until	Mon, 29 Sep 2025 17:52:44 UTC (expires in 5 months and 5 days)
Key	RSA 2048 bits (e 65537)
Weak key (Debian)	No
Issuer	Microsoft Azure RSA TLS Issuing CA 03 AIA: http://www.microsoft.com/pkiops/certs/Microsoft%20Azure%20RSA%20TLS%20Issuing%20CA%2003%20-%20xsign.crt
Signature algorithm	SHA384withRSA
Extended Validation	No
Certificate Transparency	Yes (certificate)
OCSP Must Staple	No
Revocation information	CRL, OCSP CRL: http://www.microsoft.com/pkiops/crl/Microsoft%20Azure%20RSA%20TLS%20Issuing%20CA%2003.crl OCSP: http://oneocsp.microsoft.com/ocsp
Revocation status	Good (not revoked)
DNS CAA	No (more info)
Trusted	Yes Mozilla Apple Android Java Windows

Additional Certificates (if supplied)

Certificates provided	2 (3624 bytes)
Chain issues	None

#2

Subject	Microsoft Azure RSA TLS Issuing CA 03 Fingerprint SHA256: 9d1bc5d2dd75bf8b64f35e7f919e2546c225be888c1a8cbe82c0e9579234a7ed Pin SHA256: ZkWBotC4nL+Ba/kXaVPx7TpoRSF9uwxEAuufz67J7sQ=
Valid until	Tue, 25 Aug 2026 23:59:59 UTC (expires in 1 year and 4 months)
Key	RSA 4096 bits (e 65537)
Issuer	DigiCert Global Root G2

Additional Certificates (if supplied)

Signature algorithm	SHA384withRSA

Certification Paths

Click here to expand

Certificate #2: RSA 2048 bits (SHA384withRSA) No SNI

Click here to expand

Configuration

Protocols

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

(*) Experimental: Server negotiated using No-SNI

Cipher Suites

# TLS 1.3 (suites in server-preferred order)	
TLS_AES_256_GCM_SHA384 (0x1302) ECDH secp521r1 (eq. 15360 bits RSA) FS	256
TLS_AES_128_GCM_SHA256 (0x1301) ECDH secp256r1 (eq. 3072 bits RSA) FS	128

# 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_128_GCM_SHA256 (0xc02f) ECDH secp256r1 (eq. 3072 bits RSA) FS	128
TLS_ECDHE_RSA_WITH_AES_256_CBC_SHA384 (0xc028) ECDH secp521r1 (eq. 15360 bits RSA) FS **WEAK**	256
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 secp521r1 (eq. 15360 bits RSA) FS **WEAK**	256
TLS_ECDHE_RSA_WITH_AES_128_CBC_SHA (0xc013) ECDH secp256r1 (eq. 3072 bits RSA) FS **WEAK**	128
TLS_RSA_WITH_AES_256_GCM_SHA384 (0x9d) **WEAK**	256
TLS_RSA_WITH_AES_128_GCM_SHA256 (0x9c) **WEAK**	128
TLS_RSA_WITH_AES_256_CBC_SHA256 (0x3d) **WEAK**	256
TLS_RSA_WITH_AES_128_CBC_SHA256 (0x3c) **WEAK**	128
TLS_RSA_WITH_AES_256_CBC_SHA (0x35) **WEAK**	256
TLS_RSA_WITH_AES_128_CBC_SHA (0x2f) **WEAK**	128

Handshake Simulation

Android 4.4.2	RSA 2048 (SHA384)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384 ECDH secp521r1 FS
Android 5.0.0	RSA 2048 (SHA384)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256 ECDH secp256r1 FS
Android 6.0	RSA 2048 (SHA384)	TLS 1.2 > http/1.1	TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256 ECDH secp256r1 FS
Android 7.0	RSA 2048 (SHA384)	TLS 1.2 > h2	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384 ECDH secp384r1 FS
Android 8.0	RSA 2048 (SHA384)	TLS 1.2 > h2	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384 ECDH secp384r1 FS
Android 8.1	-	TLS 1.3	TLS_AES_256_GCM_SHA384 ECDH secp384r1 FS
Android 9.0	-	TLS 1.3	TLS_AES_256_GCM_SHA384 ECDH secp384r1 FS
BingPreview Jan 2015	RSA 2048 (SHA384)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384 ECDH secp521r1 FS
Chrome 49 / XP SP3	RSA 2048 (SHA384)	TLS 1.2 > h2	TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256 ECDH secp256r1 FS
Chrome 69 / Win 7 R	RSA 2048 (SHA384)	TLS 1.2 > h2	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384 ECDH secp384r1 FS
Chrome 70 / Win 10	-	TLS 1.3	TLS_AES_256_GCM_SHA384 ECDH secp384r1 FS
Chrome 80 / Win 10 R	-	TLS 1.3	TLS_AES_256_GCM_SHA384 ECDH secp384r1 FS
Firefox 31.3.0 ESR / Win 7	RSA 2048 (SHA384)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256 ECDH secp256r1 FS
Firefox 47 / Win 7 R	RSA 2048 (SHA384)	TLS 1.2 > h2	TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256 ECDH secp256r1 FS
Firefox 49 / XP SP3	RSA 2048 (SHA384)	TLS 1.2 > h2	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384 ECDH secp521r1 FS
Firefox 62 / Win 7 R	RSA 2048 (SHA384)	TLS 1.2 > h2	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384 ECDH secp521r1 FS

Handshake Simulation

Firefox 73 / Win 10 R	-	TLS 1.3	TLS_AES_256_GCM_SHA384	ECDH secp521r1	FS
Googlebot Feb 2018	RSA 2048 (SHA384)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384	ECDH secp384r1	FS
IE 11 / Win 7 R	RSA 2048 (SHA384)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_256_CBC_SHA384	ECDH secp384r1	FS
IE 11 / Win 8.1 R	RSA 2048 (SHA384)	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 2048 (SHA384)	TLS 1.2 > http/1.1	TLS_ECDHE_RSA_WITH_AES_128_CBC_SHA256	ECDH secp256r1	FS
IE 11 / Win Phone 8.1 Update R	RSA 2048 (SHA384)	TLS 1.2 > http/1.1	TLS_ECDHE_RSA_WITH_AES_256_CBC_SHA384	ECDH secp384r1	FS
IE 11 / Win 10 R	RSA 2048 (SHA384)	TLS 1.2 > h2	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384	ECDH secp384r1	FS
Edge 15 / Win 10 R	RSA 2048 (SHA384)	TLS 1.2 > h2	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384	ECDH secp384r1	FS
Edge 16 / Win 10 R	RSA 2048 (SHA384)	TLS 1.2 > h2	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384	ECDH secp384r1	FS
Edge 18 / Win 10 R	RSA 2048 (SHA384)	TLS 1.2 > h2	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384	ECDH secp384r1	FS
Edge 13 / Win Phone 10 R	RSA 2048 (SHA384)	TLS 1.2 > h2	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384	ECDH secp384r1	FS
Java 8u161	RSA 2048 (SHA384)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384	ECDH secp521r1	FS
Java 11.0.3	-	TLS 1.3	TLS_AES_256_GCM_SHA384	ECDH secp521r1	FS
Java 12.0.1	-	TLS 1.3	TLS_AES_256_GCM_SHA384	ECDH secp521r1	FS
OpenSSL 1.0.1l R	RSA 2048 (SHA384)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384	ECDH secp521r1	FS
OpenSSL 1.0.2s R	RSA 2048 (SHA384)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384	ECDH secp521r1	FS
OpenSSL 1.1.0k R	RSA 2048 (SHA384)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384	ECDH secp521r1	FS
OpenSSL 1.1.1c R	-	TLS 1.3	TLS_AES_256_GCM_SHA384	ECDH secp521r1	FS
Safari 6 / iOS 6.0.1	RSA 2048 (SHA384)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_256_CBC_SHA384	ECDH secp521r1	FS
Safari 7 / iOS 7.1 R	RSA 2048 (SHA384)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_256_CBC_SHA384	ECDH secp521r1	FS
Safari 7 / OS X 10.9 R	RSA 2048 (SHA384)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_256_CBC_SHA384	ECDH secp521r1	FS
Safari 8 / iOS 8.4 R	RSA 2048 (SHA384)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_256_CBC_SHA384	ECDH secp521r1	FS
Safari 8 / OS X 10.10 R	RSA 2048 (SHA384)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_256_CBC_SHA384	ECDH secp521r1	FS
Safari 9 / iOS 9 R	RSA 2048 (SHA384)	TLS 1.2 > h2	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384	ECDH secp521r1	FS
Safari 9 / OS X 10.11 R	RSA 2048 (SHA384)	TLS 1.2 > h2	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384	ECDH secp521r1	FS
Safari 10 / iOS 10 R	RSA 2048 (SHA384)	TLS 1.2 > h2	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384	ECDH secp521r1	FS
Safari 10 / OS X 10.12 R	RSA 2048 (SHA384)	TLS 1.2 > h2	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384	ECDH secp521r1	FS
Safari 12.1.2 / MacOS 10.14.6 Beta R	-	TLS 1.3	TLS_AES_256_GCM_SHA384	ECDH secp521r1	FS
Safari 12.1.1 / iOS 12.3.1 R	-	TLS 1.3	TLS_AES_256_GCM_SHA384	ECDH secp521r1	FS
Apple ATS 9 / iOS 9 R	RSA 2048 (SHA384)	TLS 1.2 > h2	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384	ECDH secp521r1	FS
Yahoo Slurp Jan 2015	RSA 2048 (SHA384)	TLS 1.2	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384	ECDH secp384r1	FS
YandexBot Jan 2015	RSA 2048 (SHA384)	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

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 : `0xc027`
GOLDENDOODLE	No (more info) TLS 1.2 : `0xc027`
OpenSSL 0-Length	No (more info) TLS 1.2 : `0xc027`
Sleeping POODLE	No (more info) TLS 1.2 : `0xc027`
Downgrade attack prevention	No, TLS_FALLBACK_SCSV not 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)

Protocol Details

ROBOT (vulnerability)	No (more info)
Forward Secrecy	Yes (with most browsers) ROBUST (more info)
ALPN	Yes h2 http/1.1
NPN	No
Session resumption (caching)	No (IDs assigned but not accepted)
Session resumption (tickets)	No
OCSP stapling	Yes
Strict Transport Security (HSTS)	Yes max-age=63072000; includeSubDomains; preload
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, secp256r1 (server preferred order)
SSL 2 handshake compatibility	No
0-RTT enabled	No

HTTP Requests

1 https://brave-hill-0f449fd1e.6.azurestaticapps.net/ (HTTP/1.1 200 OK)

Miscellaneous

Test date	Wed, 23 Apr 2025 22:40:31 UTC
Test duration	143.290 seconds
HTTP status code	200
HTTP server signature	-
Server hostname	-

SSL Report v2.3.1

Terms and Conditions