SSL Report: bsbeauty.duckdns.org (54.207.24.168)

Assessed on: Fri, 17 Oct 2025 19:43:42 UTC | Hide | Clear cache

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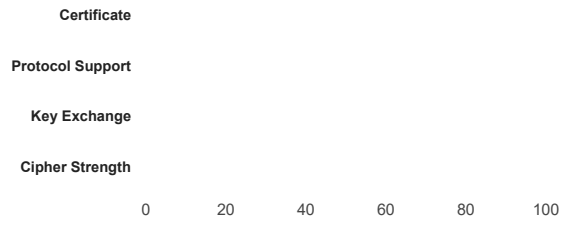
Summary

Overall Rating

A+



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

This server supports TLS 1.3. MORE INFO »

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

Certificate #1: EC 256 bits (SHA384withECDSA)

Server Key and Certificate #1

Subject	bsbeauty.duckdns.org Fingerprint SHA256: 9d646c66b643d22be86c3fb531e25debddfd004876c738bdd21697b68481c7fd Pin SHA256: egVu14IYOisyf5POM4tJmDFDPNI9unxeezRqATLka+A=
Common names	bsbeauty.duckdns.org
Alternative names	bsbeauty.duckdns.org
Serial Number	063bbd049460cd5327a7d5fda68ca381dbe9
Valid from	Sat, 11 Oct 2025 15:40:34 UTC
Valid until	Fri, 09 Jan 2026 15:40:33 UTC (expires in 2 months and 22 days)
Key	EC 256 bits
Weak key (Debian)	No
Issuer	E8 AIA: http://e8.i.lencr.org/
Signature algorithm	SHA384withECDSA
Extended Validation	No
Certificate Transparency	Yes (certificate)
OCSP Must Staple	No
Revocation information	CRL CRL: http://e8.c.lencr.org/106.crl
Revocation status	Validation error CRL ERROR: IOException occurred
DNS CAA	No (more info)
Trusted	Yes Mozilla Apple Android Java Windows

Additional Certificates (if supplied)

Certificates provided	2 (2037 bytes)
Chain issues	None

#2

Additional Certificates (if supplied)

Subject	E8 Fingerprint SHA256: 83624fd338c8d9b023c18a67cb7a9c0519da43d11775b4c6cbdad45c3d997c52 Pin SHA256: iFvwVyJSxnQdyaUvUERIf+8qk7gRze3612JMwoO3zdU=
Valid until	Fri, 12 Mar 2027 23:59:59 UTC (expires in 1 year and 4 months)
Key	EC 384 bits
Issuer	ISRG Root X1
Signature algorithm	SHA256withRSA

Certification Paths

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

Cipher Suites

 # TLS 1.3 (suites in server-preferred order)

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_AES_128_GCM_SHA256 (0x1301) ECDH x25519 (eq. 3072 bits RSA) FS	128

 # TLS 1.2 (suites in server-preferred order)

TLS_ECDHE_ECDSA_WITH_AES_256_GCM_SHA384 (0xc02c) ECDH x25519 (eq. 3072 bits RSA) FS	256
TLS_ECDHE_ECDSA_WITH_CHACHA20_POLY1305_SHA256 (0xcca9) ECDH x25519 (eq. 3072 bits RSA) FS	256
TLS_ECDHE_ECDSA_WITH_AES_256_CCM_8 (0xc0af) ECDH x25519 (eq. 3072 bits RSA) FS	256
TLS_ECDHE_ECDSA_WITH_AES_256_CCM (0xc0ad) ECDH x25519 (eq. 3072 bits RSA) FS	256
TLS_ECDHE_ECDSA_WITH_ARIA_256_GCM_SHA384 (0xc05d) ECDH x25519 (eq. 3072 bits RSA) FS	256
TLS_ECDHE_ECDSA_WITH_AES_128_GCM_SHA256 (0xc02b) ECDH x25519 (eq. 3072 bits RSA) FS	128
TLS_ECDHE_ECDSA_WITH_AES_128_CCM_8 (0xc0ae) ECDH x25519 (eq. 3072 bits RSA) FS	128
TLS_ECDHE_ECDSA_WITH_AES_128_CCM (0xc0ac) ECDH x25519 (eq. 3072 bits RSA) FS	128
TLS_ECDHE_ECDSA_WITH_ARIA_128_GCM_SHA256 (0xc05c) ECDH x25519 (eq. 3072 bits RSA) FS	128
TLS_ECDHE_ECDSA_WITH_AES_256_CBC_SHA384 (0xc024) ECDH x25519 (eq. 3072 bits RSA) FS **WEAK**	256
TLS_ECDHE_ECDSA_WITH_CAMELLIA_256_CBC_SHA384 (0xc073) ECDH x25519 (eq. 3072 bits RSA) FS **WEAK**	256
TLS_ECDHE_ECDSA_WITH_AES_128_CBC_SHA256 (0xc023) ECDH x25519 (eq. 3072 bits RSA) FS **WEAK**	128
TLS_ECDHE_ECDSA_WITH_CAMELLIA_128_CBC_SHA256 (0xc072) ECDH x25519 (eq. 3072 bits RSA) FS **WEAK**	128
TLS_ECDHE_ECDSA_WITH_AES_256_CBC_SHA (0xc00a) ECDH x25519 (eq. 3072 bits RSA) FS **WEAK**	256
TLS_ECDHE_ECDSA_WITH_AES_128_CBC_SHA (0xc009) ECDH x25519 (eq. 3072 bits RSA) FS **WEAK**	128

Handshake Simulation

Android 4.4.2	EC 256 (SHA384)	TLS 1.2	TLS_ECDHE_ECDSA_WITH_AES_256_GCM_SHA384	ECDH secp256r1 FS
Android 5.0.0	EC 256 (SHA384)	TLS 1.2	TLS_ECDHE_ECDSA_WITH_AES_128_GCM_SHA256	ECDH secp256r1 FS
Android 6.0	EC 256 (SHA384)	TLS 1.2 > http/1.1	TLS_ECDHE_ECDSA_WITH_AES_128_GCM_SHA256	ECDH secp256r1 FS
Android 7.0	EC 256 (SHA384)	TLS 1.2 > h2	TLS_ECDHE_ECDSA_WITH_AES_256_GCM_SHA384	ECDH x25519 FS
Android 8.0	EC 256 (SHA384)	TLS 1.2 > h2	TLS_ECDHE_ECDSA_WITH_AES_256_GCM_SHA384	ECDH x25519 FS
Android 8.1	-	TLS 1.3	TLS_AES_256_GCM_SHA384	ECDH x25519 FS

Handshake Simulation

Android 9.0	-	TLS 1.3	TLS_AES_256_GCM_SHA384 ECDH x25519 FS
BingPreview Jan 2015	EC 256 (SHA384)	TLS 1.2	TLS_ECDHE_ECDSA_WITH_AES_256_GCM_SHA384 ECDH secp256r1 FS
Chrome 49 / XP SP3	Server sent fatal alert: handshake_failure		
Chrome 69 / Win 7 R	EC 256 (SHA384)	TLS 1.2 > h2	TLS_ECDHE_ECDSA_WITH_AES_256_GCM_SHA384 ECDH x25519 FS
Chrome 70 / Win 10	-	TLS 1.3	TLS_AES_256_GCM_SHA384 ECDH x25519 FS
Chrome 80 / Win 10 R	-	TLS 1.3	TLS_AES_256_GCM_SHA384 ECDH x25519 FS
Firefox 31.3.0 ESR / Win 7	EC 256 (SHA384)	TLS 1.2	TLS_ECDHE_ECDSA_WITH_AES_128_GCM_SHA256 ECDH secp256r1 FS
Firefox 47 / Win 7 R	EC 256 (SHA384)	TLS 1.2 > h2	TLS_ECDHE_ECDSA_WITH_CHACHA20_POLY1305_SHA256 ECDH secp256r1 FS
Firefox 49 / XP SP3	EC 256 (SHA384)	TLS 1.2 > h2	TLS_ECDHE_ECDSA_WITH_AES_256_GCM_SHA384 ECDH secp256r1 FS
Firefox 62 / Win 7 R	EC 256 (SHA384)	TLS 1.2 > h2	TLS_ECDHE_ECDSA_WITH_AES_256_GCM_SHA384 ECDH x25519 FS
Firefox 73 / Win 10 R	-	TLS 1.3	TLS_AES_256_GCM_SHA384 ECDH x25519 FS
Googlebot Feb 2018	EC 256 (SHA384)	TLS 1.2	TLS_ECDHE_ECDSA_WITH_AES_256_GCM_SHA384 ECDH x25519 FS
IE 11 / Win 7 R	EC 256 (SHA384)	TLS 1.2	TLS_ECDHE_ECDSA_WITH_AES_256_GCM_SHA384 ECDH secp256r1 FS
IE 11 / Win 8.1 R	EC 256 (SHA384)	TLS 1.2 > http/1.1	TLS_ECDHE_ECDSA_WITH_AES_256_GCM_SHA384 ECDH secp256r1 FS
IE 11 / Win Phone 8.1 R	EC 256 (SHA384)	TLS 1.2 > http/1.1	TLS_ECDHE_ECDSA_WITH_AES_256_GCM_SHA384 ECDH secp256r1 FS
IE 11 / Win Phone 8.1 Update R	EC 256 (SHA384)	TLS 1.2 > http/1.1	TLS_ECDHE_ECDSA_WITH_AES_256_GCM_SHA384 ECDH secp256r1 FS
IE 11 / Win 10 R	EC 256 (SHA384)	TLS 1.2 > h2	TLS_ECDHE_ECDSA_WITH_AES_256_GCM_SHA384 ECDH secp256r1 FS
Edge 15 / Win 10 R	EC 256 (SHA384)	TLS 1.2 > h2	TLS_ECDHE_ECDSA_WITH_AES_256_GCM_SHA384 ECDH x25519 FS
Edge 16 / Win 10 R	EC 256 (SHA384)	TLS 1.2 > h2	TLS_ECDHE_ECDSA_WITH_AES_256_GCM_SHA384 ECDH x25519 FS
Edge 18 / Win 10 R	EC 256 (SHA384)	TLS 1.2 > h2	TLS_ECDHE_ECDSA_WITH_AES_256_GCM_SHA384 ECDH x25519 FS
Edge 13 / Win Phone 10 R	EC 256 (SHA384)	TLS 1.2 > h2	TLS_ECDHE_ECDSA_WITH_AES_256_GCM_SHA384 ECDH secp256r1 FS
Java 8u161	EC 256 (SHA384)	TLS 1.2	TLS_ECDHE_ECDSA_WITH_AES_256_GCM_SHA384 ECDH secp256r1 FS
Java 11.0.3	-	TLS 1.3	TLS_AES_256_GCM_SHA384 ECDH secp256r1 FS
Java 12.0.1	-	TLS 1.3	TLS_AES_256_GCM_SHA384 ECDH secp256r1 FS
OpenSSL 1.0.1l R	EC 256 (SHA384)	TLS 1.2	TLS_ECDHE_ECDSA_WITH_AES_256_GCM_SHA384 ECDH secp256r1 FS
OpenSSL 1.0.2s R	EC 256 (SHA384)	TLS 1.2	TLS_ECDHE_ECDSA_WITH_AES_256_GCM_SHA384 ECDH secp256r1 FS
OpenSSL 1.1.0k R	EC 256 (SHA384)	TLS 1.2	TLS_ECDHE_ECDSA_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	EC 256 (SHA384)	TLS 1.2	TLS_ECDHE_ECDSA_WITH_AES_256_CBC_SHA384 ECDH secp256r1 FS
Safari 7 / iOS 7.1 R	EC 256 (SHA384)	TLS 1.2	TLS_ECDHE_ECDSA_WITH_AES_256_CBC_SHA384 ECDH secp256r1 FS
Safari 7 / OS X 10.9 R	EC 256 (SHA384)	TLS 1.2	TLS_ECDHE_ECDSA_WITH_AES_256_CBC_SHA384 ECDH secp256r1 FS
Safari 8 / iOS 8.4 R	EC 256 (SHA384)	TLS 1.2	TLS_ECDHE_ECDSA_WITH_AES_256_CBC_SHA384 ECDH secp256r1 FS
Safari 8 / OS X 10.10 R	EC 256 (SHA384)	TLS 1.2	TLS_ECDHE_ECDSA_WITH_AES_256_CBC_SHA384 ECDH secp256r1 FS
Safari 9 / iOS 9 R	EC 256 (SHA384)	TLS 1.2 > h2	TLS_ECDHE_ECDSA_WITH_AES_256_GCM_SHA384 ECDH secp256r1 FS
Safari 9 / OS X 10.11 R	EC 256 (SHA384)	TLS 1.2 > h2	TLS_ECDHE_ECDSA_WITH_AES_256_GCM_SHA384 ECDH secp256r1 FS
Safari 10 / iOS 10 R	EC 256 (SHA384)	TLS 1.2 > h2	TLS_ECDHE_ECDSA_WITH_AES_256_GCM_SHA384 ECDH secp256r1 FS
Safari 10 / OS X 10.12 R	EC 256 (SHA384)	TLS 1.2 > h2	TLS_ECDHE_ECDSA_WITH_AES_256_GCM_SHA384 ECDH secp256r1 FS
Safari 12.1.2 / MacOS 10.14.6 Beta R	-	TLS 1.3	TLS_AES_256_GCM_SHA384 ECDH x25519 FS
Safari 12.1.1 / iOS 12.3.1 R	-	TLS 1.3	TLS_AES_256_GCM_SHA384 ECDH x25519 FS
Apple ATS 9 / iOS 9 R	EC 256 (SHA384)	TLS 1.2 > h2	TLS_ECDHE_ECDSA_WITH_AES_256_GCM_SHA384 ECDH secp256r1 FS
Yahoo Slurp Jan 2015	EC 256 (SHA384)	TLS 1.2	TLS_ECDHE_ECDSA_WITH_AES_256_GCM_SHA384 ECDH secp256r1 FS
YandexBot Jan 2015	EC 256 (SHA384)	TLS 1.2	TLS_ECDHE_ECDSA_WITH_AES_256_GCM_SHA384 ECDH secp256r1 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**

Protocol Details

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 : 0xc023
GOLDENDOODLE	No (more info) TLS 1.2 : 0xc023
OpenSSL 0-Length	No (more info) TLS 1.2 : 0xc023
Sleeping POODLE	No (more info) TLS 1.2 : 0xc023
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 h2 http/1.1
NPN	No
Session resumption (caching)	Yes
Session resumption (tickets)	Yes
OCSP stapling	No
Strict Transport Security (HSTS)	**Yes** max-age=31536000; includeSubDomains
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	x25519, secp256r1 (server preferred order)
SSL 2 handshake compatibility	No
0-RTT enabled	No

HTTP Requests

1 **https://bsbeauty.duckdns.org/** (HTTP/1.1 200 OK)

Miscellaneous

Test date	Fri, 17 Oct 2025 19:42:14 UTC
Test duration	87.943 seconds
HTTP status code	200
HTTP server signature	nginx
Server hostname	ec2-54-207-24-168.sa-east-1.compute.amazonaws.com

SSL Report v2.4.1