SSL Security Test of djs-place.freemyip.com

- Web Server SSL Test
- Email Server SSL Test
- SSL Certificate Test
- PCI DSS, HIPAA & NIST Test

Free online scan for SSL security
171,111,035 SSL security tests performed

dj-place.freemyip.com

Provided "as is" without any warranty of any kind.

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Privacy Policy | Terms of Use | Email Compliance Test | Website Malware Check | Website Pen Test | Website Security Test | Mobile App Security Test | Check Web Transaction Test

Summary of djs-place.freemyip.com:443 (HTTPS) SSL Security Test

Scan initiated on Sunday, 2020-05-31 01:48 (GMT+8)
Server IP/Port: 71.146.136.174:443
Type: HTTPS

Your Test Score

A+

Test Duration: 170 Seconds
Tests Performed: 81,320

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PCI DSS Compliance Test | HIPAA Compliance Test | NIST Compliance Test | Website Malware Check | Email Compliance Test | Website Pen Test | Website Security Test | Mobile App Security Test | Check Web Transaction Test

The server supports the most recent and secure TLS protocol version of TLS 1.3.

Test Certificate

Register to Download

Quality Seal

Register to Install

Discovered Subdomains

For comprehensive subdomain detection, use our ImmuniWeb Discovery product.

Hostname	Status Code	Content-Length	Content-Type
freemyip.com:80	200 OK	Not tested yet	-
freemyip.com	200 OK	Not tested yet	-
freemyip.com:80	200 OK	Not tested yet	-
freemyip.com	200 OK	Not tested yet	-

SSL Certificate Analysis

ECDSA CERTIFICATE INFORMATION

Issuer	Zerossl, ECC Domain Secure Site CA
Subject	dj-place.freemyip.com
Common Name	dj-place.freemyip.com
Key Type/Size	ECDSA 256 bits
Weak Key (Debian)	Server
Serial Number	8d4d0b8b7f7d2f2d2d2f4d2f2f7f7d8d8f8e7e
Signature Algorithm	ecdsa-with-SHA256
Extension Information	SAN:dj-place.freemyip.com
Transparency	Yes
Validation Level	DV
OCSP	http://r3.o.lencr.org
OCSP Must-Staple	No
Revocation Information	CRL
Revocation status	Good
Valid From	November 02, 2020 00:08:00 GMT
Valid To	November 02, 2020 01:08:00 GMT

CERTIFICATE CHAIN

Server sends an unnecessary root certificate

Root CA
Type/Size: 4096 bits
Serial Number: 0x91b714
Signature: sha1WithRSAEncryption
SHA256: 6d99f427f3186a5d4b9cb7b4a5c4adeb9e3954a4784f1194dfbb99e1757b7a40
PIN: x4QzPB9TzABW5sp3gyNNaBeJ+qtWwHxs1o9WkVkwQjY=
Expires in: 1 year 4 months
Comment: self-signed
Download

Intermediate CA
Type/Size: ECDSA 384 bits
Serial Number: 0x0a3e4ef1bc354d678f7f7d0b8e4f8fbd
Signature: ecdsa-with-SHA384
SHA256: 1d0034830d8ff3b5b2c99ab4a7c3135bcd7a0ec9ea23dd1ca3e4eb27e3aabb6b
PIN: 2+KicLLJGrYtiHtZ3T6ZedBzW3r3pGrxlAyasi5mMcs=
Expires in: 1 year 4 months
Comment: Zerossl, ECC Domain Secure Site CA
Download

Intermediate CA
Type/Size: 4096 bits
Serial Number: 0x91b714
Signature: sha1WithRSAEncryption
SHA256: 67afb1411bc934685990c071ae372bf5aa161f0c4958a0fbdba2085ebff37bd1
PIN: r/mIkG3eEpVdm+ac8SXWKh6WZAzX2cCwNt0OkQFLQAo=
Expires in: 3 years 4 months
Comment: USERTrust RSA Certification Authority
Download

Root CA
Type/Size: ECDSA 384 bits
Serial Number: 0x18acf3cb2e2f1a4410bda47b7ab3273f
Signature: ecdsa-with-SHA384
SHA256: 87f4bdd374b3e9c081ad524ffa66ea73fc2b4c7bcf892e7881a43f5bf2a6e745
PIN: KwcNaVWVvYodxu0cFrGK9GZFa+IKWCA2paTNO/Xo0tg=
Expires in: 19 years 4 months
Comment: USERTrust RSA Certification Authority
Download

Server certificate
Type/Size: ECDSA 256 bits
Serial Number: 0x03e5ed2b6d4d2c1551d6b61279f8
Signature: ecdsa-with-SHA256
SHA256: 0d1c3f3bff7f7c1c4291ff9a7779f8b9c3e3b7b4e1ea7ca4...
PIN: Expires in: 89 days
Comment
Download

PCI DSS Compliance Test of dj-place.freemyip.com

Reference: PCI DSS 4.0.1, Requirement 4.2

CERTIFICATES ARE TRUSTED

All the certificates provided by the server are trusted

SUPPORTED CIPHERS

List of all cipher suites supported by the server:

TLSV1.3

- TLS_CHACHA20_POLY1305_SHA256
- TLS_AES_256_GCM_SHA384
- TLS_AES_128_GCM_SHA256

TLSV1.2

- TLS_ECDHE_ECDSA_WITH_AES_128_GCM_SHA256
- TLS_ECDHE_ECDSA_WITH_AES_256_GCM_SHA384

SUPPORTED PROTOCOLS

List of all SSL/TLS protocols supported by the server:

TLSv1.3
TLSv1.2

SUPPORTED ELLIPTIC CURVES

List of all ciphers suites supported by the server:
P-384 (secp384r1) (256 bits)
P-256 (prime256v1) (256 bits)

POODLE OVER TLS

The server is not vulnerable to POODLE over TLS

GOLDENDOODLE

The server is not vulnerable to GOLDENDOODLE

ZOMBIE POODLE

The server is not vulnerable to Zombie POODLE

SLEEPING POODLE

The server is not vulnerable to Sleeping POODLE

0-LENGTH OPENSSL

The server is not vulnerable to 0-Length OpenSSL

CVE-2016-2107

The server is not vulnerable to CVE-2016-2107.

SERVER DOES NOT SUPPORT CLIENT-INITIATED INSECURE RENEGOTIATION

The server does not support client-initiated insecure renegotiation.

ROBOT

The server is not vulnerable to ROBOT vulnerability

MARVIN ATTACK

The system is not vulnerable to the Marvin Attack, as no TLS_RSA cipher suites using PKCS#1 v1.5 are enabled.

HEARTBLEED

The server version of OpenSSL is not vulnerable to Heartbleed attack.

CVE-2014-0224

The server is not vulnerable to CCS Injection.

CVE-2021-3449

The server is not vulnerable to CVE-2021-3449 (OpenSSL Maliciously Crafted Renegotiation Vulnerability).

HIPAA and NIST Compliance Test

Reference: HIPAA, Security Rule (Ref: NIST SP 800-52 "Guidelines for the Selection and Use of TLS Implementations")

X.509 CERTIFICATES ARE IN VERSION 3

All the X509 certificates provided by the server are in version 3.

SERVER DOES NOT SUPPORT OCSP STAPLING

The server is not configured to support OCSP stapling for its ECDSA certificate, which is required for enhanced verification of the certificate's revocation status. BeyondTrust or Certainly ever web server is to enable OCSP stapling.

SUPPORTED CIPHERS

Consider dropping support for all non-compliant protocols. List of all cipher suites supported by the server:

TLSV1.3

- TLS_CHACHA20_POLY1305_SHA256
- TLS_AES_256_GCM_SHA384
- TLS_AES_128_GCM_SHA256

TLSV1.2

- TLS_ECDHE_ECDSA_WITH_AES_128_GCM_SHA256
- TLS_ECDHE_ECDSA_WITH_AES_256_GCM_SHA384

SUPPORTED PROTOCOLS

List of all SSL/TLS protocols supported by the server:

TLSv1.3
TLSv1.2

SUPPORTED ELLIPTIC CURVES

List of all ciphers suites supported by the server:
P-384 (secp384r1) (256 bits)
P-256 (prime256v1) (256 bits)

EC_POINT_FORMAT EXTENSION

The server supports the EC_POINT_FORMAT TLS extension.

Industry Best Practices Test of dj-place.freemyip.com

DNSCAA

This domain does not have a Certification Authority Authorization (CAA) record

CERTIFICATES HAVE A VALIDITY PERIOD OF 398 DAYS OR LESS

All the server certificates provided have been validated for less than 398 days (13 months).

CERTIFICATES DO NOT PROVIDE EV

The ECDSA certificate provided is NOT an Extended Validation (EV) certificate.

TLS 1.3 SUPPORTED

The server supports TLS 1.3 which is the only version of TLS that currently has no known flaws or vulnerabilities whatsoever.

TLS 1.3 EARLY DATA (0-RTT)

Servers TLS 1.3 Early Data (RFC 8446, page 113) is not enabled.

SERVER DOES NOT HAVE CIPHER PREFERENCE

The server does not prefer cipher suites. We advise to enable this feature in order to enforce usage of the best cipher suites available.

SERVER PREFERRED CIPHER SUITES

Preferred cipher suite for each protocol supported (except SSLv2). Expected configuration are ciphers allowed by PCI DSS and enabling (PFS).

ALWAYS-ON SSL

The HTTP version of the website redirects to the HTTPS version.

SERVER PROVIDES HSTS WITH LONG DURATION

The server provides HTTP Strict Transport Security for more than 6 months (15768000 seconds).

HSTS PRELOAD

This domain does not support HSTS Preload, which means it may not enforce HTTPS connections strictly and could be more vulnerable to security threats like protocol downgrade attacks.

TLS_FALLBACK_SCSV

The server supports TLS_FALLBACK_SCSV extension for protocol downgrade attack prevention.

SERVER DOES NOT SUPPORT CLIENT-INITIATED SECURE RENEGOTIATION

The server does not support client-initiated secure renegotiation.

SERVER-INITIATED SECURE RENEGOTIATION

The server supports secure server-initiated renegotiation.

SERVER DOES NOT SUPPORT TLS COMPRESSION

TLS compression is not supported by the server.

External Content Privacy and Security Analysis

No External Content appears to be loaded by the website.

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