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Mozilla - CA Program

Case Information

| | | | |
|---------------------------|----------|------------------|---------------------------------|
| Case Number | 00000081 | Case Record Type | CA Owner/Root Inclusion Request |
| CA Owner/Certificate Name | SSL.com | Request Status | Need Information from CA |

Additional Case Information

| | | |
|---------|----------------------------------|-------------|
| Subject | Include SSLcom Root Certificates | Case Reason |
|---------|----------------------------------|-------------|

Bugzilla Information

| | |
|----------------------|---|
| Link to Bugzilla Bug | https://bugzilla.mozilla.org/show_bug.cgi?id=1277336 |
|----------------------|---|

General information about CA's associated organization

| | | | |
|--------------------------------|---|-----------|----------------|
| CA Email Alias 1 | compliance@ssl.com | | |
| CA Email Alias 2 | | | |
| Company Website | https://www.ssl.com/ | Verified? | Verified |
| Organizational Type | Commercial Organization | Verified? | Verified |
| Organizational Type (Others) | | Verified? | Not Applicable |
| Geographic Focus | USA, Global | Verified? | Verified |
| Primary Market / Customer Base | SSL.com provides digital certificates in over 150 countries worldwide, with the goal of expanding adoption of encryption technologies and best practices through education, tools and expertise. | Verified? | Verified |
| Impact to Mozilla Users | see above | Verified? | Verified |

Response to Mozilla's list of Recommended Practices

| | | | |
|--|---|---------------------------------|--|
| Recommended Practices | https://wiki.mozilla.org/CA:Recommended_Practices#CA_Recommended_Practices | Recommended Practices Statement | I have reviewed Mozilla's list of Recommended Practices, and confirm that we follow those practices, with exceptions and clarifications noted in the text box below. |
| CA's Response to Recommended Practices | NEED CA's response to each of the items listed in https://wiki.mozilla.org/CA:Recommended_Practices#CA_Recommended_Practices | Verified? | Verified |

- 1) Publicly Available CP and CPS: <https://www.ssl.com/repository>
- 2) CA Hierarchy: CP/CPS Section 1.3
- 3) Audit Criteria: section 8
- 4) Document Handling of IDNs in CP/CPS: section 3.1.3
- 5) Revocation of Compromised Certificates: section 4.9.1.1
- 6) Verifying Domain Name Ownership: section 3.2.2.4
- 7) Verifying Email Address Control: section 3.2.2.8
- 8) Verifying Identity of Code Signing Certificate Subscriber: Not applicable. Mozilla is no longer enabling the Code Signing trust bit for root certificates.
- 9) DNS names go in SAN: section 7.1.4.2.1
- 10) Domain owned by a Natural Person: section 7.1.4.2 and 3.2.3
- 11) OCSP: sections 2.2.2.2, 4.9.9, 4.9.10
- 12) Network Security Controls: section 6.7

Response to Mozilla's list of Potentially Problematic Practices

Potentially Problematic Practices

https://wiki.mozilla.org/CA:Problematic_Practices#Potentially_problematic_CA_practices

Problematic Practices Statement

I have reviewed Mozilla's list of Potentially Problematic Practices, and confirm that we do not do those practices, with exceptions and clarifications noted in the text box below.

CA's Response to Problematic Practices

NEED CA's response to each of the items listed in https://wiki.mozilla.org/CA:Problematic_Practices#Potentially_problematic_CA_practices

Verified?

Verified

- 1) Long-lived DV certificates: in section 6.3.2
- 2) Wildcard DV SSL certificates: in section 3.2.2.6
- 3) Email Address Prefixes for DV Certs: in section 3.2.2.4 method 4.
- 4) Delegation of Domain / Email validation to third parties: in section 1.3.2
- 5) Issuing end entity certificates directly from roots: limited usage of private key described in section 6.1.7
- 6) Allowing external entities to operate subordinate CAs: Not allowed.
- 7) Distributing generated private keys in PKCS#12 files: in section 6.1.2
- 8) Certificates referencing hostnames or private IP addresses: in section 3.1.1.1
- 9) Issuing SSL Certificates for Internal Domains: .int is a legitimate TLD and is treated as such. Refer to CP/CPS section 3.2.2.4.
- 10) OCSP Responses signed by a certificate under a different root: OCSP Responses use a certificate under the corresponding RootCA
- 11) SHA-1 Certificates: in section 6.1.5, SHA-1 certificates expire after 16th Jan 2017
- 12) Generic names for CAs: Yes, use generic name for CAs
- 13) Lack of Communication With End Users: in section 9.11
- 14) Backdating the notBefore date: no backdate certificates in order to avoid some deadline or code-enforced

Root Case Record # 1

Root Case Information

| | | | |
|-----------------------|--|--------------|-----------|
| Root Certificate Name | SSL.com Root Certification Authority RSA | Root Case No | R00000118 |
| Request Status | Initial Request Received | Case Number | 00000081 |

Additional Root Case Information

Subject

Technical Information about Root Certificate

| | | | |
|--|---|-----------|-----------------------|
| O From Issuer Field | SSL Corporation | Verified? | Verified |
| OU From Issuer Field | | Verified? | Not Applicable |
| Certificate Summary | This " SSL.com Root Certification Authority RSA" will be used to produce end-entity Certificates using RSA signature algorithms for SSL (non-EV), S/MIME purposes as far as the Mozilla Root CA Program is concerned. | Verified? | Verified |
| Root Certificate Download URL | https://www.ssl.com/repository/SSLcomRootCertificationAuthorityRSA.cer | Verified? | Verified |
| Valid From | 2016 Feb 12 | Verified? | Verified |
| Valid To | 2041 Feb 12 | Verified? | Verified |
| Certificate Version | 3 | Verified? | Verified |
| Certificate Signature Algorithm | SHA-256 | Verified? | Verified |
| Signing Key Parameters | 4096 | Verified? | Verified |
| Test Website URL (SSL) or Example Cert | https://test-ov-rsa.ssl.com https://test-dv-rsa.ssl.com | Verified? | Verified |
| CRL URL(s) | http://crls.ssl.com/ssl.com-rsa-RootCA.crl http://crls.ssl.com/SSLcomRSASSLsubCA.crl | Verified? | Verified |
| OCSP URL(s) | http://ocsp.ssl.com | Verified? | Verified |
| Trust Bits | Email; Websites | Verified? | Verified |
| SSL Validation Type | DV; OV | Verified? | Verified |
| EV Policy OID(s) | | Verified? | Not Applicable |
| Root Stores Included In | | Verified? | Need Response From CA |
| Mozilla Applied Constraints | No | Verified? | Verified |

Test Results (When Requesting the SSL/TLS Trust Bit)

| | | | |
|----------------------------|---|-----------|----------------|
| Revocation Tested | no errors. | Verified? | Verified |
| CA/Browser Forum Lint Test | certificate not found | Verified? | Verified |
| Test Website Lint Test | NEED: Browse to https://cert-checker.allizom.org/ and enter the test website and click on the 'Browse' button to provide the PEM file for the root certificate. Then click on 'run certlint'. All errors must be resolved/fixed. Test tool under maintenance. | Verified? | Not Verified |
| EV Tested | NA | Verified? | Not Applicable |

Digital Fingerprint Information

| | | | |
|---------------------|---|-----------|----------|
| SHA-1 Fingerprint | b7:ab:33:08:d1:ea:44:77:ba:14:80:12:5a:6f:bd:a9:36:49:0c:bb | Verified? | Verified |
| SHA-256 Fingerprint | 85:66:6a:56:2e:e0:be:5c:e9:25:c1:d8:89:0a:6f:76:a8:7e:c1:6d:4d:7d:5f:29:ea:74:19:cf:20:12:3b:69 | Verified? | Verified |

CA Hierarchy Information

| | | | |
|--|--|-----------|----------|
| CA Hierarchy | "SSL.com Root Certification Authority RSA" currently has the following internally-operated intermediate CAs: - SSL.com RSA SSL subCA | Verified? | Verified |
| Externally Operated SubCAs | There are currently no externally operated subCAs issued from this Root. If we issue externally operated CAs, they will comply to Mozilla's Root CA Program and be either technically constrained or publicly disclosed and audited. | Verified? | Verified |
| Cross Signing | This Root has not been cross-signed by any other CAs. | Verified? | Verified |
| Technical Constraint on 3rd party Issuer | in CP/CPS section 7.1.5 | Verified? | Verified |

Verification Policies and Practices

| | | | |
|------------------------|---|-----------|----------|
| Policy Documentation | All documents are in English. | Verified? | Verified |
| CA Document Repository | <ul style="list-style-type: none"> https://www.ssl.com/repository/ https://www.ssl.com/relying-party-agreement/ https://www.ssl.com/terms-of-use/ | Verified? | Verified |
| CP Doc Language | English | | |
| CP | https://www.ssl.com/app/uploads/2016/07/SSLcom_CP_CPS_Version_1_0.pdf | Verified? | Verified |
| CP Doc Language | English | | |
| CPS | https://www.ssl.com/app/uploads/2016/07/SSLcom_CP_CPS_Version_1_0.pdf | Verified? | Verified |

| | | | |
|---|---|-----------|-----------------------|
| Other Relevant Documents | | Verified? | Not Applicable |
| Auditor Name | BDO | Verified? | Verified |
| Auditor Website | https://www.bdo.com/ | Verified? | Verified |
| Auditor Qualifications | http://www.webtrust.org/licensed-webtrust-practitioners-international/item64419.aspx | Verified? | Verified |
| Standard Audit | https://www.ssl.com/app/uploads/2014/06/SSL-2-12-16-RKGC-Ind-Auditor-Report.pdf | Verified? | Verified |
| Standard Audit Type | WebTrust | Verified? | Verified |
| Standard Audit Statement Date | 2/12/2016 | Verified? | Verified |
| BR Audit | https://www.ssl.com/app/uploads/2016/07/SSL-COM-SSL-Baseline-Acct-Report-and-Mgmt-Assertion-FINAL-7-15-16.pdf | Verified? | Verified |
| BR Audit Type | WebTrust | Verified? | Verified |
| BR Audit Statement Date | 7/20/2016 | Verified? | Verified |
| EV Audit | NA | Verified? | Not Applicable |
| EV Audit Type | | Verified? | Not Applicable |
| EV Audit Statement Date | | Verified? | Not Applicable |
| BR Commitment to Comply | in CP/CPS section 1.1.2 | Verified? | Verified |
| SSL Verification Procedures | in CP/CPS section 3.2.2.1, 3.2.2.2, 3.2.2.3 and 3.2.2.4 | Verified? | Verified |
| EV SSL Verification Procedures | NA | Verified? | Not Applicable |
| Organization Verification Procedures | in CP/CPS section 3.2.2 | Verified? | Verified |
| Email Address Verification Procedures | in CP/CPS section 3.2.2.8 | Verified? | Verified |
| Code Signing Subscriber Verification Pro | Mozilla is no longer accepting requests to enable the Code Signing trust bit. | Verified? | Not Applicable |
| Multi-Factor Authentication | SSL.com uses multi-factor authentication for the issuance of SSL certificates and for managing the RA and CA engines | Verified? | Verified |
| Network Security | SSL.com confirms that the actions listed in #7 of the https://wiki.mozilla.org/CA:Information_checklist#Verification Policies and Practices have been | Verified? | Verified |
| Link to Publicly Disclosed and Audited subordinate CA Certificates | | | |
| Publicly Disclosed & Audited subCAs | NEED URL to publicly disclosed subordinate CA certificates that chain up to certificates in Mozilla's CA program, as per Items #8, 9, and 10 of | Verified? | Need Response From CA |

Mozilla's CA Certificate Inclusion
Policy.

Root Case Record # 2

Root Case Information

| | | | |
|-----------------------|--|--------------|-----------|
| Root Certificate Name | SSL.com Root Certification Authority ECC | Root Case No | R00000120 |
| Request Status | Initial Request Received | Case Number | 00000081 |

Additional Root Case Information

Subject

Technical Information about Root Certificate

| | | | |
|--|---|-----------|-----------------------|
| O From Issuer Field | SSL Corporation | Verified? | Verified |
| OU From Issuer Field | | Verified? | Not Applicable |
| Certificate Summary | This " SSL.com Root Certification Authority ECC" will be used to produce end-entity Certificates using ECDSA signature algorithms for SSL (non-EV), S/MIME purposes as far as the Mozilla Root CA Program is concerned. | Verified? | Verified |
| Root Certificate Download URL | https://www.ssl.com/repository/SSLcomRootCertificationAuthorityECC.cer | Verified? | Verified |
| Valid From | 2016 Feb 12 | Verified? | Verified |
| Valid To | 2041 Feb 12 | Verified? | Verified |
| Certificate Version | 3 | Verified? | Verified |
| Certificate Signature Algorithm | SHA-256 | Verified? | Verified |
| Signing Key Parameters | ECC P-384 | Verified? | Verified |
| Test Website URL (SSL) or Example Cert | https://test-ov-ecc.ssl.com https://test-dv-ecc.ssl.com | Verified? | Verified |
| CRL URL(s) | http://crls.ssl.com/ssl.com-ecc-RootCA.crl http://crls.ssl.com/SSLcomECCSSLsubCA.crl | Verified? | Verified |
| OCSP URL(s) | http://ocsp.ssl.com | Verified? | Verified |
| Trust Bits | Email; Websites | Verified? | Verified |
| SSL Validation Type | DV; OV | Verified? | Verified |
| EV Policy OID(s) | | Verified? | Not Applicable |
| Root Stores Included In | | Verified? | Need Response From CA |

Mozilla Applied
Constraints

No

Verified?

Verified

Test Results (When Requesting the SSL/TLS Trust Bit)

Revocation Tested no errors.

Verified?

Verified

CA/Browser Forum
Lint Test certificate not found

Verified?

Verified

Test Website Lint
Test

NEED: Browse to <https://cert-checker.allizom.org/> and enter the test website and click on the 'Browse' button to provide the PEM file for the root certificate. Then click on 'run certlint'. All errors must be resolved/fixed.
test tool under maintenance

Verified?

Not Verified

EV Tested NA

Verified?

Not Applicable

Digital Fingerprint InformationSHA-1
Fingerprint c3:19:7c:39:24:e6:54:af:1b:c4:ab:20:95:7a:e2:c3:0e:13:02:6a

Verified?

Verified

SHA-256
Fingerprint 34:17:bb:06:cc:60:07:da:1b:96:1c:92:0b:8a:b4:ce:3f:ad:82:0e:4a:a3:0b:9a:cb:c4:a7:4e:bd:ce:bc:65

Verified?

Verified

CA Hierarchy Information

CA Hierarchy

"SSL.com Root Certification Authority ECC" currently has the following internally-operated intermediate CAs:
- SSL.com ECC SSL subCA

Verified?

Verified

Externally Operated
SubCAs

There are currently no externally operated subCAs issued from this Root. If we issue externally operated CAs, they will comply to Mozilla's Root CA Program and be either technically constrained or publicly disclosed and audited.

Verified?

Verified

Cross Signing

This Root has not been cross-signed by any other CAs.

Verified?

Verified

Technical Constraint
on 3rd party Issuer

in CP/CPS section 7.1.5

Verified?

Verified

Verification Policies and Practices

Policy
Documentation

All documents are in English.

Verified?

Verified

CA Document
Repository

- <https://www.ssl.com/repository/>
- <https://www.ssl.com/relying-party-agreement/>
- <https://www.ssl.com/terms-of-use/>

Verified?

Verified

CP Doc Language

English

| | | | |
|--|--|-----------|----------------|
| CP | https://www.ssl.com/app/uploads/2016/07/SSLcom_CP_CPS_Version_1_0.pdf | Verified? | Verified |
| CP Doc Language | English | | |
| CPS | https://www.ssl.com/app/uploads/2016/07/SSLcom_CP_CPS_Version_1_0.pdf | Verified? | Verified |
| Other Relevant Documents | | Verified? | Not Applicable |
| Auditor Name | BDO | Verified? | Verified |
| Auditor Website | https://www.bdo.com/ | Verified? | Verified |
| Auditor Qualifications | http://www.webtrust.org/licensed-webtrust-practitioners-international/item64419.aspx | Verified? | Verified |
| Standard Audit | https://www.ssl.com/app/uploads/2014/06/SSL-2-12-16-RKGC-Ind-Auditor-Report.pdf | Verified? | Verified |
| Standard Audit Type | WebTrust | Verified? | Verified |
| Standard Audit Statement Date | 2/12/2016 | Verified? | Verified |
| BR Audit | https://www.ssl.com/app/uploads/2016/07/SSL-COM-SSL-Baseline-Acct-Report-and-Mgmt-Assertion-FINAL-7-15-16.pdf | Verified? | Verified |
| BR Audit Type | WebTrust | Verified? | Verified |
| BR Audit Statement Date | 7/20/2016 | Verified? | Verified |
| EV Audit | NA | Verified? | Not Applicable |
| EV Audit Type | | Verified? | Not Applicable |
| EV Audit Statement Date | | Verified? | Not Applicable |
| BR Commitment to Comply | in CP/CPS section 1.1.2 | Verified? | Verified |
| SSL Verification Procedures | in CP/CPS section 3.2.2.1, 3.2.2.2, 3.2.2.3 and 3.2.2.4 | Verified? | Verified |
| EV SSL Verification Procedures | NA | Verified? | Not Applicable |
| Organization Verification Procedures | in CP/CPS section 3.2.2 | Verified? | Verified |
| Email Address Verification Procedures | in CP/CPS section 3.2.2.8 | Verified? | Verified |
| Code Signing Subscriber Verification Pro | Mozilla is no longer accepting requests to enable the Code Signing trust bit. | Verified? | Not Applicable |
| Multi-Factor Authentication | <u>SSL.com</u> uses multi-factor authentication for the issuance of SSL certificates and for managing the RA and CA engines | Verified? | Verified |
| Network Security | <u>SSL.com</u> confirms that the actions listed in #7 of the https://wiki.mozilla.org/CA:Information_checklist#Verification_Policies_and_Practices have been | Verified? | Verified |

Link to Publicly Disclosed and Audited subordinate CA Certificates

| | | | |
|-------------------------------------|--|-----------|-----------------------|
| Publicly Disclosed & Audited subCAs | NEED URL to publicly disclosed subordinate CA certificates that chain up to certificates in Mozilla's CA program, as per Items #8, 9, and 10 of Mozilla's CA Certificate Inclusion Policy. | Verified? | Need Response From CA |
|-------------------------------------|--|-----------|-----------------------|

Root Case Record # 3

Root Case Information

| | | | |
|-----------------------|---|--------------|-----------|
| Root Certificate Name | SSL.com EV Root Certification Authority RSA | Root Case No | R00000121 |
| Request Status | Initial Request Received | Case Number | 00000081 |

Additional Root Case Information

Subject

Technical Information about Root Certificate

| | | | |
|--|---|-----------|----------------|
| O From Issuer Field | SSL Corporation | Verified? | Verified |
| OU From Issuer Field | | Verified? | Not Applicable |
| Certificate Summary | This " SSL.com Root Certification Authority RSA" will be used to produce end-entity Certificates using RSA signature algorithms for SSL (non-EV), S/MIME purposes as far as the Mozilla Root CA Program is concerned. | Verified? | Verified |
| Root Certificate Download URL | https://www.ssl.com/repository/SSLcomRootCertificationAuthorityRSA.cer | Verified? | Verified |
| Valid From | 2016 Feb 12 | Verified? | Verified |
| Valid To | 2041 Feb 12 | Verified? | Verified |
| Certificate Version | 3 | Verified? | Verified |
| Certificate Signature Algorithm | SHA-256 | Verified? | Verified |
| Signing Key Parameters | 4096 | Verified? | Verified |
| Test Website URL (SSL) or Example Cert | https://test-ov-rsa.ssl.com https://test-dv-rsa.ssl.com | Verified? | Verified |
| CRL URL(s) | http://crls.ssl.com/ssl.com-rsa-RootCA.crl http://crls.ssl.com/SSLcomRSASSLsubCA.crl | Verified? | Verified |
| OCSP URL(s) | http://ocsp.ssl.com | Verified? | Verified |

| | | | |
|-----------------------------|-----------------|-----------|-----------------------|
| Trust Bits | Email; Websites | Verified? | Verified |
| SSL Validation Type | EV | Verified? | Verified |
| EV Policy OID(s) | 2.23.140.1.1 | Verified? | Verified |
| Root Stores Included In | | Verified? | Need Response From CA |
| Mozilla Applied Constraints | No | Verified? | Verified |

Test Results (When Requesting the SSL/TLS Trust Bit)

| | | | |
|----------------------------|---|-----------|--------------|
| Revocation Tested | no errors. | Verified? | Verified |
| CA/Browser Forum Lint Test | certificate not found | Verified? | Verified |
| Test Website Lint Test | NEED: Browse to https://cert-checker.allizom.org/ and enter the test website and click on the 'Browse' button to provide the PEM file for the root certificate. Then click on 'run certlint'. All errors must be resolved/fixed. test tool under maintenance | Verified? | Not Verified |
| EV Tested | NEED: If EV treatment is being requested, then provide successful output from EV Testing as described here https://wiki.mozilla.org/PSM:EV_Testing_Easy_Version Test tool under maintenance. | Verified? | Not Verified |

Digital Fingerprint Information

| | | | |
|---------------------|---|-----------|----------|
| SHA-1 Fingerprint | b7:ab:33:08:d1:ea:44:77:ba:14:80:12:5a:6f:bd:a9:36:49:0c:bb | Verified? | Verified |
| SHA-256 Fingerprint | 85:66:6a:56:2e:e0:be:5c:e9:25:c1:d8:89:0a:6f:76:a8:7e:c1:6d:4d:7d:5f:29:ea:74:19:cf:20:12:3b:69 | Verified? | Verified |

CA Hierarchy Information

| | | | |
|----------------------------|--|-----------|----------|
| CA Hierarchy | " SSL.com Root Certification Authority RSA" currently has the following internally-operated intermediate CAs: - SSL.com RSA SSL subCA | Verified? | Verified |
| Externally Operated SubCAs | There are currently no externally operated subCAs issued from this Root. If we issue externally operated CAs, they will comply to Mozilla's Root CA Program and be either technically constrained or publicly disclosed and audited. | Verified? | Verified |
| Cross Signing | This Root has not been cross-signed by any other CAs. | Verified? | Verified |

Technical Constraint
on 3rd party Issuer

in CP/CPS section 7.1.5

Verified? Verified

Verification Policies and Practices

| | | | |
|--------------------------------------|---|-----------|----------------|
| Policy Documentation | All documents are in English. | Verified? | Verified |
| CA Document Repository | <ul style="list-style-type: none"> https://www.ssl.com/repository/ https://www.ssl.com/relying-party-agreement/ https://www.ssl.com/terms-of-use/ | Verified? | Verified |
| CP Doc Language | English | | |
| CP | https://www.ssl.com/app/uploads/2016/07/SSLcom_CP_CPS_Version_1_0.pdf | Verified? | Verified |
| CP Doc Language | English | | |
| CPS | https://www.ssl.com/app/uploads/2016/07/SSLcom_CP_CPS_Version_1_0.pdf | Verified? | Verified |
| Other Relevant Documents | | Verified? | Not Applicable |
| Auditor Name | BDO | Verified? | Verified |
| Auditor Website | https://www.bdo.com/ | Verified? | Verified |
| Auditor Qualifications | http://www.webtrust.org/licensed-webtrust-practitioners-international/item64419.aspx | Verified? | Verified |
| Standard Audit | https://www.ssl.com/app/uploads/2014/06/SSL-2-12-16-RKGC-Ind-Auditor-Report.pdf | Verified? | Verified |
| Standard Audit Type | WebTrust | Verified? | Verified |
| Standard Audit Statement Date | 2/12/2016 | Verified? | Verified |
| BR Audit | https://www.ssl.com/app/uploads/2016/07/SSL-COM-SSL-Baseline-Acct-Report-and-Mgmt-Assertion-FINAL-7-15-16.pdf | Verified? | Verified |
| BR Audit Type | WebTrust | Verified? | Verified |
| BR Audit Statement Date | 7/20/2016 | Verified? | Verified |
| EV Audit | BDO | Verified? | Verified |
| EV Audit Type | WebTrust | Verified? | Verified |
| EV Audit Statement Date | 7/20/2016 | Verified? | Verified |
| BR Commitment to Comply | in CP/CPS section 1.1.2 | Verified? | Verified |
| SSL Verification Procedures | in CP/CPS section 3.2.2.1, 3.2.2.2, 3.2.2.3 and 3.2.2.4 | Verified? | Verified |
| EV SSL Verification Procedures | In CP/CPS section 3.2 | Verified? | Verified |
| Organization Verification Procedures | in CP/CPS section 3.2.2 | Verified? | Verified |

| | | | |
|--|---|-----------|----------------|
| Email Address Verification Procedures | in CP/CPS section 3.2.2.8 | Verified? | Verified |
| Code Signing Subscriber Verification Pro | Mozilla is no longer accepting requests to enable the Code Signing trust bit. | Verified? | Not Applicable |
| Multi-Factor Authentication | SSL.com uses multi-factor authentication for the issuance of SSL certificates and for managing the RA and CA engines | Verified? | Verified |
| Network Security | SSL.com confirms that the actions listed in #7 of the https://wiki.mozilla.org/CA:Information_checklist#Verification_Policies_and_Practices have been | Verified? | Verified |

Link to Publicly Disclosed and Audited subordinate CA Certificates

| | | | |
|-------------------------------------|--|-----------|-----------------------|
| Publicly Disclosed & Audited subCAs | NEED URL to publicly disclosed subordinate CA certificates that chain up to certificates in Mozilla's CA program, as per Items #8, 9, and 10 of Mozilla's CA Certificate Inclusion Policy. | Verified? | Need Response From CA |
|-------------------------------------|--|-----------|-----------------------|

Root Case Record # 4

Root Case Information

| | | | |
|-----------------------|---|--------------|-----------|
| Root Certificate Name | SSL.com EV Root Certification Authority ECC | Root Case No | R00000122 |
| Request Status | Initial Request Received | Case Number | 00000081 |

Additional Root Case Information

Subject

Technical Information about Root Certificate

| | | | |
|-------------------------------|--|-----------|----------------|
| O From Issuer Field | SSL Corporation | Verified? | Verified |
| OU From Issuer Field | | Verified? | Not Applicable |
| Certificate Summary | This " SSL.com EV Root Certification Authority RSA" will be used to produce end-entity Certificates using RSA signature algorithms for SSL (EV) purposes as far as the Mozilla Root CA Program is concerned. | Verified? | Verified |
| Root Certificate Download URL | https://www.ssl.com/repository/SSLcomRootCertificationAuthorityRSA.cer | Verified? | Verified |
| Valid From | 2016 Feb 12 | Verified? | Verified |
| Valid To | 2041 Feb 12 | Verified? | Verified |

| | | | |
|--|--|-----------|-----------------------|
| Certificate Version | 3 | Verified? | Verified |
| Certificate Signature Algorithm | SHA-256 | Verified? | Verified |
| Signing Key Parameters | 4096 | Verified? | Verified |
| Test Website URL (SSL) or Example Cert | https://test-ov-rsa.ssl.com https://test-dv-rsa.ssl.com | Verified? | Verified |
| CRL URL(s) | http://crls.ssl.com/ssl.com-rsa-RootCA.crl http://crls.ssl.com/SSLcomRSASSLsubCA.crl | Verified? | Verified |
| OCSP URL(s) | http://ocspssl.com | Verified? | Verified |
| Trust Bits | Email; Websites | Verified? | Verified |
| SSL Validation Type | EV | Verified? | Verified |
| EV Policy OID(s) | 2.23.140.1.1 | Verified? | Verified |
| Root Stores Included In | | Verified? | Need Response From CA |
| Mozilla Applied Constraints | No | Verified? | Verified |

Test Results (When Requesting the SSL/TLS Trust Bit)

| | | | |
|----------------------------|---|-----------|--------------|
| Revocation Tested | no errors. | Verified? | Verified |
| CA/Browser Forum Lint Test | certificate not found | Verified? | Verified |
| Test Website Lint Test | NEED: Browse to https://cert-checker.allizom.org/ and enter the test website and click on the 'Browse' button to provide the PEM file for the root certificate. Then click on 'run certlint'. All errors must be resolved/fixed. test tool under maintenance | Verified? | Not Verified |
| EV Tested | NEED: If EV treatment is being requested, then provide successful output from EV Testing as described here https://wiki.mozilla.org/PSM:EV_Testing_Easy_Version Test tool under maintenance. | Verified? | Not Verified |

Digital Fingerprint Information

| | | | |
|---------------------|---|-----------|----------|
| SHA-1 Fingerprint | b7:ab:33:08:d1:ea:44:77:ba:14:80:12:5a:6f:bd:a9:36:49:0c:bb | Verified? | Verified |
| SHA-256 Fingerprint | 85:66:6a:56:2e:e0:be:5c:e9:25:c1:d8:89:0a:6f:76:a8:7e:c1:6d:4d:7d:5f:29:ea:74:19:cf:20:12:3b:69 | Verified? | Verified |

CA Hierarchy Information

| | | | |
|--|--|-----------|----------|
| CA Hierarchy | "SSL.com Root Certification Authority RSA" currently has the following internally-operated intermediate CAs: - SSL.com RSA SSL subCA | Verified? | Verified |
| Externally Operated SubCAs | There are currently no externally operated subCAs issued from this Root. If we issue externally operated CAs, they will comply to Mozilla's Root CA Program and be either technically constrained or publicly disclosed and audited. | Verified? | Verified |
| Cross Signing | This Root has not been cross-signed by any other CAs. | Verified? | Verified |
| Technical Constraint on 3rd party Issuer | in CP/CPS section 7.1.5 | Verified? | Verified |

Verification Policies and Practices

| | | | |
|-------------------------------|---|-----------|----------------|
| Policy Documentation | All documents are in English. | Verified? | Verified |
| CA Document Repository | <ul style="list-style-type: none"> • https://www.ssl.com/repository/ • https://www.ssl.com/relying-party-agreement/ • https://www.ssl.com/terms-of-use/ | Verified? | Verified |
| CP Doc Language | English | | |
| CP | https://www.ssl.com/app/uploads/2016/07/SSLcom_CP_CPS_Version_1_0.pdf | Verified? | Verified |
| CP Doc Language | English | | |
| CPS | https://www.ssl.com/app/uploads/2016/07/SSLcom_CP_CPS_Version_1_0.pdf | Verified? | Verified |
| Other Relevant Documents | | Verified? | Not Applicable |
| Auditor Name | BDO | Verified? | Verified |
| Auditor Website | https://www.bdo.com/ | Verified? | Verified |
| Auditor Qualifications | http://www.webtrust.org/licensed-webtrust-practitioners-international/item64419.aspx | Verified? | Verified |
| Standard Audit | https://www.ssl.com/app/uploads/2014/06/SSL-2-12-16-RKGC-Ind-Auditor-Report.pdf | Verified? | Verified |
| Standard Audit Type | WebTrust | Verified? | Verified |
| Standard Audit Statement Date | 2/12/2016 | Verified? | Verified |
| BR Audit | https://www.ssl.com/app/uploads/2016/07/SSL-COM-SSL-Baseline-Acct-Report-and-Mgmt-Assertion-FINAL-7-15-16.pdf | Verified? | Verified |
| BR Audit Type | WebTrust | Verified? | Verified |
| BR Audit Statement Date | 7/20/2016 | Verified? | Verified |
| EV Audit | BDO | Verified? | Verified |
| EV Audit Type | WebTrust | Verified? | Verified |

| | | | |
|---|---|------------------|----------------|
| EV Audit Statement Date | 7/20/2016 | Verified? | Verified |
| BR Commitment to Comply | in CP/CPS section 1.1.2 | Verified? | Verified |
| SSL Verification Procedures | in CP/CPS section 3.2.2.1, 3.2.2.2, 3.2.2.3 and 3.2.2.4 | Verified? | Verified |
| EV SSL Verification Procedures | In CP/CPS section 3.2 | Verified? | Verified |
| Organization Verification Procedures | in CP/CPS section 3.2.2 | Verified? | Verified |
| Email Address Verification Procedures | in CP/CPS section 3.2.2.8 | Verified? | Verified |
| Code Signing Subscriber Verification Pro | Mozilla is no longer accepting requests to enable the Code Signing trust bit. | Verified? | Not Applicable |
| Multi-Factor Authentication | SSL.com uses multi-factor authentication for the issuance of SSL certificates and for managing the RA and CA engines | Verified? | Verified |
| Network Security | SSL.com confirms that the actions listed in #7 of the https://wiki.mozilla.org/CA:Information_checklist#Verification Policies and Practices have been | Verified? | Verified |

Link to Publicly Disclosed and Audited subordinate CA Certificates

| | | | |
|--|--|------------------|-----------------------|
| Publicly Disclosed & Audited subCAs | NEED URL to publicly disclosed subordinate CA certificates that chain up to certificates in Mozilla's CA program, as per Items #8, 9, and 10 of Mozilla's CA Certificate Inclusion Policy. | Verified? | Need Response From CA |
|--|--|------------------|-----------------------|