Mozilla - CA Program

Case Information

Case Number	00000098	**Case Record Type**	CA Owner/Root Inclusion Request
CA Owner/Certificate Name	Telia Company (formerly TeliaSonera)	**Request Status**	In Detailed CP/CPS Review

Additional Case Information

Subject	Enable EV for TeliaSonera Root CA v1 root	**Case Reason**	New Owner/Root inclusion requested

Bugzilla Information

Link to Bugzilla Bug	https://bugzilla.mozilla.org/show_bug.cgi?id=1322668

General information about CA's associated organization

CA Email Alias 1	cainfo@sonera.com		
CA Email Alias 2			
Company Website	http://www.teliasonera.com/	**Verified?**	Verified
Organizational Type	Commercial Organization	**Verified?**	Verified
Organizational Type (Others)	N/A	**Verified?**	Verified
Geographic Focus	Finland, Europe, Sweden	**Verified?**	Verified
Primary Market / Customer Base	TeliaSonera provides network access and telecommunication services as well as CA services.	**Verified?**	Verified
Impact to Mozilla Users		**Verified?**	Verified

Required and 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	Response provided here: https://bugzilla.mozilla.org/show_bug.cgi?id=1322668#c7	**Verified?**	Verified

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Forbidden and 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	Response provided here: https://bugzilla.mozilla.org/show_bug.cgi?id=1322668#c7	**Verified?**	Verified

Root Case Record # 1

Root Case Information

Root Certificate Name	TeliaSonera Root CA v1	**Root Case No**	R00000139
Request Status	In Detailed CP/CPS Review	**Case Number**	00000098

Certificate Data

Certificate Issuer Common Name	TeliaSonera Root CA v1
O From Issuer Field	TeliaSonera
OU From Issuer Field	
Valid From	2007 Oct 18

Valid To	2032 Oct 18
Certificate Serial Number	0095be16a0f72e46f17b398272fa8bcd96
Subject	CN=TeliaSonera Root CA v1, OU=null, O=TeliaSonera, C=null
Signature Hash Algorithm	sha1WithRSAEncryption
Public Key Algorithm	RSA 4096 bits
SHA-1 Fingerprint	43:13:BB:96:F1:D5:86:9B:C1:4E:6A:92:F6:CF:F6:34:69:87:82:37
SHA-256 Fingerprint	DD:69:36:FE:21:F8:F0:77:C1:23:A1:A5:21:C1:22:24:F7:22:55:B7:3E:03:A7:26:06:93:E8:A2:4B:0F:A3:89
Certificate Fingerprint	21:02:FD:A7:BB:10:BD:D1:CC:A4:94:A2:BE:66:E3:2E:15:57:2C:C7:37:30:73:6E:82:42:1F:D3:9C:9E:26:F5
Certificate Version	3

Technical Information about Root Certificate

Certificate Summary	This request is to enable EV treatment for the 'TeliaSonera Root CA v1' root certificate that is already included in Mozilla's root store.	**Verified?**	Verified
Root Certificate Download URL	http://repository.trust.teliasonera.com/teliasonerarootcav1.cer	**Verified?**	Verified
CRL URL(s)	http://crl-3.trust.teliasonera.com/teliasoneraextendedvalidationsslcav1.crl http://crl-3.trust.teliasonera.com/teliasoneraservercav2.crl Server CPS section 4.9.7: validity time of a CRL is 48 hours	**Verified?**	Verified
OCSP URL(s)	http://ocsp.trust.telia.com http://ocsp.trust.teliasonera.com	**Verified?**	Verified
Mozilla Trust Bits	Email; Websites	**Verified?**	Verified
SSL Validation Type	DV; OV; EV	**Verified?**	Verified
Mozilla EV Policy OID(s)	2.23.140.1.1	**Verified?**	Verified
Root Stores Included In	Microsoft; Mozilla	**Verified?**	Verified
Mozilla Applied Constraints		**Verified?**	Not Applicable

Test Websites or Example Cert

Test Website - Valid	https://repository.trust.teliasonera.com/	**Verified?**	Verified
Test Website - Expired	https://juolukka.cover.sonera.net:10445/		
Test Website - Revoked	https://juolukka.cover.sonera.net:10444/		
Example Cert			
Test Notes	N/A		

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

Revocation Tested	https://certificate.revocationcheck.com /repository.trust.teliasonera.com OK	**Verified?**	Verified
CA/Browser Forum Lint Test	https://crt.sh/?caid=751& opt=cablint,zlint,x509lint& minNotBefore=2000-01-01 OK	**Verified?**	Verified
Test Website Lint Test	See above	**Verified?**	Verified
EV Tested	ev-checker exited successfully: Success!	**Verified?**	Verified

CA Hierarchy Information

CA Hierarchy	This CA's subCAs are disclosed in the CCADB.	**Verified?**	Verified
Externally Operated SubCAs	It appears that there is one externally-operated subCA, but it appears to be technically constrained to issuing certs for S/MIME and client Auth.	**Verified?**	Verified
Cross Signing	There does not appear to be cross-signing with other CAs. Just cross-signing with Telia-owned CAs	**Verified?**	Verified
Technical Constraint on 3rd party Issuer	Root CPS section 1.3 indicates that customer subCAs are hosted at Telia. Root CPS section 1.3.2: This CA is only issuing subordinate CA's which may only be installed in the same CA system as this CA. This means that only specially assigned CA personnel may issue certificates under this CA.	**Verified?**	Verified

Verification Policies and Practices

Policy Documentation	Documents are provided in English	**Verified?**	Verified
CA Document Repository	https://repository.trust.teliasonera.com/	**Verified?**	Verified
CP Doc Language	English		
CP	https://repository.trust.teliasonera.com /Telia_Server_Certificate_CPS_v2.0.pdf	**Verified?**	Verified
CP Doc Language	English		
CPS	https://repository.trust.teliasonera.com /Telia_Root_CPS_v2.2.pdf	**Verified?**	Verified
Other Relevant Documents	https://repository.trust.teliasonera.com /Telia_Production_CPS_v2.5.pdf https://repository.trust.teliasonera.com /Telia_Organizational_User_Certificate_v1.3.pdf	**Verified?**	Verified
Auditor (New)	Ernst & Young, LLP	**Verified?**	Verified
Auditor Location (New)	Denmark	**Verified?**	Verified
Standard Audit	https://cert.webtrust.org/SealFile?seal=2280& file=pdf	**Verified?**	Verified
Standard Audit Type	WebTrust	**Verified?**	Verified
Standard Audit Statement Date	6/30/2017	**Verified?**	Verified
BR Audit	https://support.partnergate.sonera.com /download/CA/WebTrust-BR-Audit-Report- 2017-06-30.pdf	**Verified?**	Verified
BR Audit Type	WebTrust	**Verified?**	Verified
BR Audit Statement Date	6/30/2017	**Verified?**	Verified
EV SSL Audit	https://support.partnergate.sonera.com /download/CA/WebTrust-EV-SSL-Audit-Report- 2017-06-30.pdf	**Verified?**	Verified
EV SSL Audit Type	WebTrust	**Verified?**	Verified
EV SSL Audit Statement Date	6/30/2017	**Verified?**	Verified
BR Commitment to Comply	Server CPS section 1.1	**Verified?**	Verified
BR Self Assessment	https://bugzilla.mozilla.org /attachment.cgi?id=8913124	**Verified?**	Verified
SSL Verification Procedures	Server CPS section 3.2.2	**Verified?**	Verified
EV SSL Verification Procedures	Server CPS section 3.2.5	**Verified?**	Verified

Organization Verification Procedures	Server CPS section 3.2.5	**Verified?**	Verified
Email Address Verification Procedures	Organizational User CPS section 3.2.3.	**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	Production CPS section 5.2	**Verified?**	Verified
Network Security	Production CPS section 6	**Verified?**	Verified