

## Mozilla - CA Program

### Case Information

|                                  |                                                                                                  |                         |                                 |
|----------------------------------|--------------------------------------------------------------------------------------------------|-------------------------|---------------------------------|
| <b>Case Number</b>               | 00000042                                                                                         | <b>Case Record Type</b> | CA Owner/Root Inclusion Request |
| <b>CA Owner/Certificate Name</b> | Swiss BIT, Swiss Federal Office of Information Technology, Systems and Telecommunication (FOITT) | <b>Request Status</b>   | Need Information from CA        |

### Additional Case Information

|                |                                |                    |                                    |
|----------------|--------------------------------|--------------------|------------------------------------|
| <b>Subject</b> | Include Swiss Government roots | <b>Case Reason</b> | New Owner/Root inclusion requested |
|----------------|--------------------------------|--------------------|------------------------------------|

### Bugzilla Information

|                             |                                                                                                                       |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------|
| <b>Link to Bugzilla Bug</b> | <a href="https://bugzilla.mozilla.org/show_bug.cgi?id=435026">https://bugzilla.mozilla.org/show_bug.cgi?id=435026</a> |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------|

### General information about CA's associated organization

|                                       |                                                                                                                                                                                                                                                                 |                  |                |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------------|
| <b>CA Email Alias 1</b>               | pki-info@bit.admin.ch                                                                                                                                                                                                                                           |                  |                |
| <b>CA Email Alias 2</b>               |                                                                                                                                                                                                                                                                 |                  |                |
| <b>Company Website</b>                | <a href="http://www.bit.admin.ch/index.html?lang=en">http://www.bit.admin.ch/index.html?lang=en</a>                                                                                                                                                             | <b>Verified?</b> | Verified       |
| <b>Organizational Type</b>            | Government Agency                                                                                                                                                                                                                                               | <b>Verified?</b> | Verified       |
| <b>Organizational Type (Others)</b>   |                                                                                                                                                                                                                                                                 | <b>Verified?</b> | Not Applicable |
| <b>Geographic Focus</b>               | Switzerland                                                                                                                                                                                                                                                     | <b>Verified?</b> | Verified       |
| <b>Primary Market / Customer Base</b> | Swiss Bundesamt für Informatik und Telekommunikation (BIT) is also known as the Swiss Federal Office of Information Technology, Systems and Telecommunication (FOITT) which operates servers and software applications for the Confederation and third parties. | <b>Verified?</b> | Verified       |
| <b>Impact to Mozilla Users</b>        | Overall the FOITT serves 1200 locations in Switzerland and 200 locations worldwide. The FOITT is also responsible for networking the Swiss cantons and the Principality of Liechtenstein.                                                                       | <b>Verified?</b> | Verified       |

### Response to Mozilla's list of Recommended Practices

|                              |                                                                                                                                                                     |                                        |                                                                                                                                                                      |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Recommended Practices</b> | <a href="https://wiki.mozilla.org/CA:Recommended_Practices#CA_Recommended_Practices">https://wiki.mozilla.org/CA:Recommended_Practices#CA_Recommended_Practices</a> | <b>Recommended Practices Statement</b> | 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 <a href="https://wiki.mozilla.org/CA:Recommended_Practices#CA_Recommended_Practices">https://wiki.mozilla.org/CA:Recommended_Practices#CA_Recommended_Practices</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Verified? | Need Response From CA |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------------------|
|                                        | 1) Publicly Available CP and CPS: Yes<br>2) CA Hierarchy: Yes<br>3) Audit Criteria: KPMG, see <a href="http://www.webtrust.org/licensed-webtrust-practitioners-international/item64419.aspx">http://www.webtrust.org/licensed-webtrust-practitioners-international/item64419.aspx</a><br>4) Document Handling of IDNs in CP/CPS: in CP/CPS section 3.2.2<br>5) Revocation of Compromised Certificates: CPS section 4.9.1<br>6) Verifying Domain Name Ownership: CPS section 3.2.2.4<br>7) Verifying Email Address Control: ???<br>8) Verifying Identity of Code Signing Certificate Subscriber: Not applicable. Mozilla is no longer enabling the Code Signing trust bit for root certificates.<br>9) DNS names go in SAN: Compliant: DNS Names go in SAN<br>10) Domain owned by a Natural Person: No DV certificates are issued, see CP/CPS, Chapter 1.4.1.<br>11) OCSP: Yes<br>12) Network Security Controls: in CP/CPS section 6.7 |           |                       |

## Response to Mozilla's list of Potentially Problematic Practices

| Potentially Problematic Practices      | <a href="https://wiki.mozilla.org/CA:Problematic_Practices#Potentially_problematic_CA_practices">https://wiki.mozilla.org/CA:Problematic_Practices#Potentially_problematic_CA_practices</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 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 <a href="https://wiki.mozilla.org/CA:Problematic_Practices#Potentially_problematic_CA_practices">https://wiki.mozilla.org/CA:Problematic_Practices#Potentially_problematic_CA_practices</a><br>1) Long-lived DV certificates: No DV certificates are issued, see CP/CPS, Chapter 1.4.1.<br>2) Wildcard DV SSL certificates: CPS section 3.2.2.6: SG PKI Root III and its subordinate CAs do not issue Wildcard DV certs<br>3) Email Address Prefixes for DV Certs: No DV certificates are issued, see CP/CPS, Chapter 1.4.1.<br>4) Delegation of Domain / Email validation to third parties: CA does not delegate Domain / Email validation to third parties, see CP/CPS, Chapter 3.2.<br>5) Issuing end entity certificates directly from roots: No. CPS section 1.3.<br>6) Allowing external entities to operate subordinate CAs: No. CPS section 1.3.<br>7) Distributing generated private keys in PKCS#12 files: CA does not distribute generated private keys in PKCS#12 files, see CP/CPS, Chapter 6.1.2<br>8) Certificates referencing hostnames or private IP addresses: CPS section 3.2.2.5: SG PKI Root III and its subCAs do not issue certs for IP addresses.<br>9) Issuing SSL Certificates for Internal Domains: CA does not issue certificates for internal domains, see CP/CPS chapter 7.1.2.4<br>10) OCSP Responses signed by a certificate under a different root: No<br>11) SHA-1 Certificates: CA does not issue SHA-1 certificates, see CP/CPS chapter 7.1.3.<br>12) Generic names for CAs: No<br>13) Lack of Communication With End Users: See CP/CPS 5.2.1, "PKI Order Management".<br>14) Backdating the notBefore date: Backdating the notBefore date is not performed by the CA. | Verified?                       | Verified                                                                                                                                                                            |

## Root Case Record # 1

### Root Case Information

|                       |                              |              |           |
|-----------------------|------------------------------|--------------|-----------|
| Root Certificate Name | Swiss Government Root CA III | Root Case No | R00000115 |
| Request Status        | Need Information from CA     | Case Number  | 00000042  |

| Certificate Data               |                                                                                                                            |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Certificate Issuer Common Name | Swiss Government Root CA III                                                                                               |
| O From Issuer Field            | Swiss Government PKI                                                                                                       |
| OU From Issuer Field           | <a href="http://www.pki.admin.ch">www.pki.admin.ch</a>                                                                     |
| Valid From                     | 2016 Apr 15                                                                                                                |
| Valid To                       | 2041 Apr 15                                                                                                                |
| Certificate Serial Number      | 00fb1f0b422ba8413e57d1ee2a6e5a4fbb                                                                                         |
| Subject                        | CN=Swiss Government Root CA III, OU= <a href="http://www.pki.admin.ch">www.pki.admin.ch</a> , O=Swiss Government PKI, C=CH |
| Signature Hash Algorithm       | sha256WithRSAEncryption                                                                                                    |
| Public Key Algorithm           | RSA 4096 bits                                                                                                              |
| SHA-1 Fingerprint              | CC:EA:E3:24:45:CD:42:18:DD:18:8E:AD:CE:B3:13:3C:7F:B3:40:AD                                                                |
| SHA-256 Fingerprint            | 95:8A:BB:AE:FF:76:0F:4F:BF:66:FF:0F:2C:27:08:F4:73:9B:2C:68:61:27:23:9A:2C:4E:C8:7A:68:A9:84:C8                            |
| Certificate Fingerprint        | 84:53:9C:5F:F1:3F:09:B4:75:D9:7D:B4:E6:EC:30:F8:68:D9:70:B3:59:84:AF:35:23:48:75:47:4C:9A:31:15                            |
| Certificate Version            | 3                                                                                                                          |

| Technical Information about Root Certificate |                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |          |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------|
| Certificate Summary                          | Include Swiss Government Root CA III (SG Root CA III) hierarchy supports certificates of high, medium, and low assurance level for Publicly-Trusted Authentication and Code Signing Certificates.                                                                                                                                                                                                                                       | Verified? | Verified |
| Root Certificate Download URL                | <a href="https://bugzilla.mozilla.org/attachment.cgi?id=8752168">https://bugzilla.mozilla.org/attachment.cgi?id=8752168</a>                                                                                                                                                                                                                                                                                                             | Verified? | Verified |
| CRL URL(s)                                   | <a href="http://www.pki.admin.ch/crl/RootCAIII.crl">http://www.pki.admin.ch/crl/RootCAIII.crl</a><br><a href="http://www.pki.admin.ch/crl/PTSTCA02.crl">http://www.pki.admin.ch/crl/PTSTCA02.crl</a><br><a href="http://www.pki.admin.ch/crl/PTEVCA02.crl">http://www.pki.admin.ch/crl/PTEVCA02.crl</a><br>CPS section 4.9.7.1: The value of the nextUpdate field is never more than ten days beyond the value of the thisUpdate field. | Verified? | Verified |
| OCSP URL(s)                                  | <a href="http://www.pki.admin.ch/aia/ocsp">http://www.pki.admin.ch/aia/ocsp</a><br>CPS section 4.9.9: certificate status database, used by the OCSP service, is updated every 4 hours during office hours.                                                                                                                                                                                                                              | Verified? | Verified |
| Trust Bits                                   | Websites                                                                                                                                                                                                                                                                                                                                                                                                                                | Verified? | Verified |
| SSL Validation Type                          | DV; OV; EV                                                                                                                                                                                                                                                                                                                                                                                                                              | Verified? | Verified |
| EV Policy OID(s)                             | 2.16.756.1.17.3.62.4                                                                                                                                                                                                                                                                                                                                                                                                                    | Verified? | Verified |
| Root Stores Included In                      |                                                                                                                                                                                                                                                                                                                                                                                                                                         | Verified? | Verified |
| Mozilla Applied Constraints                  | Name constraints are not considered by the CA.                                                                                                                                                                                                                                                                                                                                                                                          | Verified? | Verified |

| Test Websites or Example Cert |                                                                                     |           |          |
|-------------------------------|-------------------------------------------------------------------------------------|-----------|----------|
| Test Website URL              | <a href="https://www.valid-dv.pki.admin.ch/">https://www.valid-dv.pki.admin.ch/</a> | Verified? | Verified |

**(SSL) or Example  
Cert**

<https://www.valid-ov.pki.admin.ch/>  
<https://www.valid-ev.pki.admin.ch/>

**Test Website -  
Expired**

<https://www.expired-ov.pki.admin.ch>

**Test Website -  
Revoked**

<https://www.revoked-ov.pki.admin.ch>

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

|                                       |                                                                                                                                                                                                                                                        |                  |                            |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------------------------|
| <b>Revocation Tested</b>              | No Errors                                                                                                                                                                                                                                              | <b>Verified?</b> | Verified                   |
| <b>CA/Browser Forum<br/>Lint Test</b> | Certificate not found.                                                                                                                                                                                                                                 | <b>Verified?</b> | Verified                   |
| <b>Test Website Lint<br/>Test</b>     | Test not currently available                                                                                                                                                                                                                           | <b>Verified?</b> | Not Applicable             |
| <b>EV Tested</b>                      | ev-checker reported failure: ev-checker did not exit successfully. exit status 1, Stderr: GetFirstEVPolicyForCert failed: SEC_ERROR_EXTENSION_NOT_FOUND<br>This may mean that the specified EV Policy OID was not found in the end-entity certificate. | <b>Verified?</b> | Need Clarification From CA |

**CA Hierarchy Information**

|                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                  |          |
|---------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------|
| <b>CA Hierarchy</b>                                     | CPS section 1.3.1: SG Root CA III signs subordinated CAs that are operated exclusively by Swiss Government PKI staff appointed to the task.<br><br>CPS section 1.3.1.2: SG Root CA III currently has the following internally-operated subordinate CAs:<br>- Swiss Government Public Trust Standard CA 02<br>- Swiss Government Public Trust EV CA 02<br>- Swiss Government Public Trust Codesign CA 02<br>- Swiss Government Public Trust EV Codesign CA 02                                                                                        | <b>Verified?</b> | Verified |
| <b>Externally Operated<br/>SubCAs</b>                   | CPS section 1.3.1: There are no externally-operated subCAs chaining up to this root cert.                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Verified?</b> | Verified |
| <b>Cross Signing</b>                                    | no crosssigned.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Verified?</b> | Verified |
| <b>Technical<br/>Constraint on 3rd<br/>party Issuer</b> | CPS section 1.3.2 External Registration Agents are allowed.<br>CPS section 1.3.2.3: SG PKI requires RA by contract to ...<br>- fully comply with SG PKI Root III CP/CPS<br>- Agree to accept regular audits to validate compliance with SG PKI Root III CP/CPS<br>- Supply appropriate information for the requested Fully-Qualified Domain Name(s) as specified in Section 3.2.2.4 (Domain Authorization Letter)<br>SG PKI is keeping record of all contracts and annually verifies the Registration Agents audit and domain authorization status. | <b>Verified?</b> | Verified |

**Verification Policies and Practices**

**Policy** The CP/CPS is provided in English

**Verified?** Verified

|                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                  |                |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------------|
| <b>Documentation</b>                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                  |                |
| <b>CA Document Repository</b>                | <a href="https://www.bit.admin.ch/adminpki/">https://www.bit.admin.ch/adminpki/</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Verified?</b> | Verified       |
| <b>CP Doc Language</b>                       | English                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                  |                |
| <b>CP</b>                                    | <a href="https://www.bit.admin.ch/adminpki/00243/06257/index.html">https://www.bit.admin.ch/adminpki/00243/06257/index.html</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Verified?</b> | Verified       |
| <b>CP Doc Language</b>                       | English                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                  |                |
| <b>CPS</b>                                   | <a href="http://www.pki.admin.ch/cps/CPS_2_16_756_1_17_3_61_0.pdf">http://www.pki.admin.ch/cps/CPS_2_16_756_1_17_3_61_0.pdf</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Verified?</b> | Verified       |
| <b>Other Relevant Documents</b>              | <a href="http://www.pki.admin.ch/public/83823_Checkliste-Genehm-SSL-TLS-ZertifAntr-CAs-SwissGov-PKI-160513-e_pub.pdf">http://www.pki.admin.ch/public/83823_Checkliste-Genehm-SSL-TLS-ZertifAntr-CAs-SwissGov-PKI-160513-e_pub.pdf</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Verified?</b> | Verified       |
| <b>Auditor Name</b>                          | KPMG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Verified?</b> | Verified       |
| <b>Auditor Website</b>                       | <a href="https://home.kpmg.com/xx/en/home.html">https://home.kpmg.com/xx/en/home.html</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>Verified?</b> | Verified       |
| <b>Auditor Qualifications</b>                | KPMG is accredited according to X9.79 (Webtrust).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>Verified?</b> | Verified       |
| <b>Standard Audit</b>                        | <a href="http://www.pki.admin.ch/public/25-01-2017-BIT-ZertES-Certification-Confirmation-2017_Final.pdf">http://www.pki.admin.ch/public/25-01-2017-BIT-ZertES-Certification-Confirmation-2017_Final.pdf</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>Verified?</b> | Verified       |
| <b>Standard Audit Type</b>                   | ETSI TS 102 042                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Verified?</b> | Verified       |
| <b>Standard Audit Statement Date</b>         | 1/25/2017                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>Verified?</b> | Verified       |
| <b>BR Audit</b>                              | <a href="http://www.pki.admin.ch/public/25-01-2017-BIT-ZertES-Certification-Confirmation-2017_Final.pdf">http://www.pki.admin.ch/public/25-01-2017-BIT-ZertES-Certification-Confirmation-2017_Final.pdf</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>Verified?</b> | Verified       |
| <b>BR Audit Type</b>                         | ETSI TS 102 042                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Verified?</b> | Verified       |
| <b>BR Audit Statement Date</b>               | 1/25/2017                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>Verified?</b> | Verified       |
| <b>EV Audit</b>                              | <a href="http://www.pki.admin.ch/public/25-01-2017-BIT-ZertES-Certification-Confirmation-2017_Final.pdf">http://www.pki.admin.ch/public/25-01-2017-BIT-ZertES-Certification-Confirmation-2017_Final.pdf</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>Verified?</b> | Verified       |
| <b>EV Audit Type</b>                         | ETSI TS 102 042                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Verified?</b> | Verified       |
| <b>EV Audit Statement Date</b>               | 1/25/2017                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>Verified?</b> | Verified       |
| <b>BR Commitment to Comply</b>               | in CP/CPS, Chapter 1.1.2 and 8.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>Verified?</b> | Verified       |
| <b>SSL Verification Procedures</b>           | CPS section 3.2.2.4: For each Fully-Qualified Domain Name listed in a Certificate, SG PKI confirms that, as of the date the Certificate was issued, the Applicant ... either is the Domain Name Registrant or has control over the FQDN by:<br>- communicating direction with the Domain Name Registrant using the contact information listed in the WHOIS records "registrant", "technical", or "administrative" field.<br>- Relying upon a Domain Authorization Document approved by the Domain Name Registrant. The document must be dated on or after the certificate request date or used by SG PKI to verify a previously issued certificate and that the Domain Name's WHOIS record has not been modified since the previous certificate issuance. | <b>Verified?</b> | Verified       |
| <b>EV SSL Verification Procedures</b>        | CPS section 4.1.2.3: Prior to the issuance of a EV Server Certificate, SG PKI obtains and approves the following documentation from the Applicant:<br>- a signed Organization Authorization Letter for the requested Organization entry.<br>- a valid Domain Authorization Letter for the requested FQDN<br>- a signed Terms & Conditions Agreement<br>- a certificate request in the form of a PKCS#10                                                                                                                                                                                                                                                                                                                                                   | <b>Verified?</b> | Verified       |
| <b>Organization Verification Procedures</b>  | CPS section 4.2.1 - verifying org existence and identity, and authority of cert requester                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>Verified?</b> | Verified       |
| <b>Email Address Verification Procedures</b> | Not requesting Email trust bit.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Verified?</b> | Not Applicable |

|                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                  |                |
|---------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------------|
| <b>Code Signing<br/>Subscriber<br/>Verification Pro</b>                   | Mozilla is no longer accepting requests to enable the Code Signing trust bit.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>Verified?</b> | Not Applicable |
| <b>Multi-Factor<br/>Authentication</b>                                    | Smart card authentication is required for all accounts capable of directly causing certificate issuance<br>For system operation and maintenance segregation of duties is used (4 eyes principles), i.e. operator actions can only be performed with the security credentials of security officers                                                                                                                                                                                                                                                                                                                             | <b>Verified?</b> | Verified       |
| <b>Network Security</b>                                                   | See CP/CPS, Chapter 6.7.<br>We confirm that we have done the following, and will do the following on a regular basis:<br>- Maintain network security controls that at minimum meet the Network and Certificate System Security Requirements.<br>- Check for mis-issuance of certificates, especially for high-profile domains.<br>- Review network infrastructure, monitoring, passwords, etc. for signs of intrusion or weakness.<br>- Ensure Intrusion Detection System and other monitoring software is up-to-date.<br>- Ensure that we are able to shut down certificate issuance quickly if we are alerted of intrusion. | <b>Verified?</b> | Verified       |
| <b>Link to Publicly Disclosed and Audited subordinate CA Certificates</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                  |                |
| <b>Publicly Disclosed<br/>&amp; Audited subCAs</b>                        | <a href="https://www.bit.admin.ch/adminpki/">https://www.bit.admin.ch/adminpki/</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Verified?</b> | Verified       |