

Mozilla - CA Program

Case Information

| | | | |
|---------------------------|--------------|------------------|---------------------------------|
| Case Number | 00000060 | Case Record Type | CA Owner/Root Inclusion Request |
| CA Owner/Certificate Name | SwissSign AG | Request Status | Need Information from CA |

Additional Case Information

| | | | |
|---------|--|-------------|------------------------------------|
| Subject | Include SwissSign SHA2 root certificates | Case Reason | New Owner/Root inclusion requested |
|---------|--|-------------|------------------------------------|

Bugzilla Information

| | |
|----------------------|---|
| Link to Bugzilla Bug | https://bugzilla.mozilla.org/show_bug.cgi?id=1142323 |
|----------------------|---|

General information about CA's associated organization

| | | | |
|--------------------------------|---|-----------|----------------|
| CA Email Alias 1 | rootcert@swissign.com | | |
| CA Email Alias 2 | | | |
| Company Website | http://www.swissign.com/ | Verified? | Verified |
| Organizational Type | Public Corporation | Verified? | Verified |
| Organizational Type (Others) | | Verified? | Not Applicable |
| Geographic Focus | Switzerland | Verified? | Verified |
| Primary Market / Customer Base | SwissSign operates an Issuing CA for the Swiss Post. SwissSign also provides managed PKI services. Registration Services may be used internationally. | Verified? | Verified |
| Impact to Mozilla Users | This request is to include the SHA-256 versions of the SHA-1 root certificates that were included via Bugzilla #343756. | 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: Please review and respond to Mozilla's list of Recommended Practices https://wiki.mozilla.org/CA:Recommended_Practices#CA_Recommended_Practices | Verified? | Need Response From CA |

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

Please review and respond to Mozilla's list of Potentially Problematic Practices
https://wiki.mozilla.org/CA:Problematic_Practices#Potentially_problematic_CA_practices

Verified?

Need Response From CA

Root Case Record # 1

Root Case Information

| | | | |
|-----------------------|-----------------------------|--------------|-----------|
| Root Certificate Name | SwissSign Gold Root CA - G3 | Root Case No | R00000076 |
| Request Status | Need Information from CA | Case Number | 00000060 |

Additional Root Case Information

Subject Include SwissSign Gold Root CA - G3

Technical Information about Root Certificate

| | | | |
|--|--|-----------|-----------------------|
| O From Issuer Field | SwissSign AG | Verified? | Verified |
| OU From Issuer Field | | Verified? | Verified |
| Certificate Summary | This root will eventually replace the SHA-1 SwissSign Gold CA - G2 root that was included via Bugzilla Bug #343756. | Verified? | Verified |
| Root Certificate Download URL | https://swissign.net/cgi-bin/authority/download | Verified? | Verified |
| Valid From | 2009 Aug 04 | Verified? | Verified |
| Valid To | 2037 Aug 04 | 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 | NEED: URL to website whose EV SSL cert chains up to this root | Verified? | Need Response From CA |
| CRL URL(s) | NEED: CRL URLs CP/CPS section 4.9.7: At least once every 24 hours. At most, 24 hours may pass from the time a certificate is revoked until the revocation is reported on the CRL. | Verified? | Need Response From CA |
| OCSP URL(s) | NEED: OCSP URL(s) CP/CPS section 4.9.7: Real-time. The OCSP responder will report a certificate's revocation immediately after the revocation has been completed. | Verified? | Need Response From CA |
| Trust Bits | Code; Email; Websites | Verified? | Verified |

| | | | |
|-----------------------------|--|-----------|-----------------------|
| SSL Validation Type | DV; OV; EV | Verified? | Verified |
| EV Policy OID(s) | NEED | Verified? | Need Response From CA |
| EV Tested | NEED Please perform the test here: https://wiki.mozilla.org/PSM:EV_Testing_Easy_Version | Verified? | Need Response From CA |
| Root Stores Included In | Microsoft | Verified? | Verified |
| Mozilla Applied Constraints | None | Verified? | Verified |

Digital Fingerprint Information

| | | | |
|---------------------|---|-----------|----------|
| SHA-1 Fingerprint | 0B:71:99:A1:C7:F3:AD:DF:7B:A7:EA:B8:EB:57:4A:E8:0D:60:DD:DE | Verified? | Verified |
| SHA-256 Fingerprint | 7A:F6:EA:9F:75:3A:1E:70:9B:D6:4D:0B:EB:86:7C:11:E8:C2:95:A5:6E:24:A6:E0:47:14:59:DC:CD:AA:15:58 | Verified? | Verified |

CA Hierarchy Information

| | | | |
|---|---|------------------|-----------------------|
| CA Hierarchy | CP/CPS section 1: The "SwissSign Gold CA" has three subordinate CAs: the "SwissSign Personal Gold CA", the "SwissSign Server Gold CA" and the "SwissSign EV Gold CA". The "SwissSign Personal Gold CA" issues certificates that support digital signing and/or encryption for individuals. The SwissSign Server Gold CA issues certificates for servers. The SwissSign EV Gold CA issues Extended Validation SSL certificates. | Verified? | Verified |
| Externally Operated SubCAs | NEED: The CP/CPS appears to allow for externally-operated subCAs. Please provide the information listed here: https://wiki.mozilla.org/CA:SubordinateCA_checklist | Verified? | Need Response From CA |
| Cross Signing | NEED: Has this root cross-signed with any other root? | Verified? | Need Response From CA |
| Technical Constraint on 3rd party Issuer | NEED: Are there any technical constraints on external RAs and externally-operated subCAs? CP/CPS section 1.3.2: Third parties may operate their own registration authority services, if these third parties abide by all the rules and regulations of this CP/CPS and the stipulations of standards (see chapter 1). Any RA operating under this CP/CPS must adhere to the following rules: - The RA must have a contractual agreement with SwissSign AG ... - The registration process of any other RA must be documented and presented to SwissSign AG. The other RA is only allowed to execute their registration process if SwissSign AG has audited and approved the process as meeting the quality requirements of this CP/CPS and therefore being equivalent to the registration process of the SwissSign RA. - The RA must pass an annual audit. | Verified? | Need Response From CA |

Verification Policies and Practices

| | | | |
|---------------------------------|---|------------------|----------|
| Policy Documentation | Repository (History of Gold CA G2): https://www.swissign.com/en/gold-cpcps | Verified? | Verified |
| CA Document Repository | http://swissign.com/repository | Verified? | Verified |
| CP Doc Language | English | | |
| CP | http://repository.swissign.com/SwissSign-Gold-CP-CPS.pdf | Verified? | Verified |
| CP Doc Language | English | | |
| CPS | http://repository.swissign.com/SwissSign-Gold-CP-CPS.pdf | Verified? | Verified |
| Other Relevant Documents | End User Agreement: http://repository.swissign.com/SwissSign-Gold-EUA-R4.pdf | Verified? | Verified |
| Auditor Name | KPMG | Verified? | Verified |
| Auditor Website | http://www.kpmg.ch | Verified? | Verified |

| | | | |
|---------------------------------------|---|------------------|----------|
| Auditor Qualifications | Certification Body SCESm071 Certification Body SCESm 071, KPMG AG Switzerland | Verified? | Verified |
| Standard Audit | https://bug343756.bugzilla.mozilla.org/attachment.cgi?id=8435567 | Verified? | Verified |
| Standard Audit Type | ETSI TS 102 042 | Verified? | Verified |
| Standard Audit Statement Date | 4/10/2014 | Verified? | Verified |
| BR Audit | https://bug343756.bugzilla.mozilla.org/attachment.cgi?id=8435567 | Verified? | Verified |
| BR Audit Type | ETSI TS 102 042 | Verified? | Verified |
| BR Audit Statement Date | 4/10/2014 | Verified? | Verified |
| EV Audit | https://bug343756.bugzilla.mozilla.org/attachment.cgi?id=8435567 | Verified? | Verified |
| EV Audit Type | ETSI TS 102 042 | Verified? | Verified |
| EV Audit Statement Date | 4/10/2014 | Verified? | Verified |
| BR Commitment to Comply | CP/CPS section 1 | Verified? | Verified |
| SSL Verification Procedures | <p>CP/CPS section 3.1.1: The use of a FQDN requires authorization of the domain owner. ... The use of a FQDN may be authorized through domain validation if an organizational name is part of the subject. Domain validation must be obtained by one of the following methods:</p> <ul style="list-style-type: none"> - The requester proves control of an administrative mail address in the domain. - The requester proves control of the DNS entry. - The requester proves control over the web server. <p>CP/CPS section 3.2.2: The use of a domain name in an FQDN must be authorized by the domain owner or its representatives. The domain owner may be determined through the WHOIS information provided by the domain registrar. Should an organization be listed as the domain owner, authorization must be given by one or more legal representatives of the organization with handwritten personal signatures on the registration form. Should an individual be listed as the owner, this individual must personally sign the registration form. The RA will create a high-quality copy or scan of all required supporting documentation. Alternatively and only if an organization name is present in the certificate subject, domain validation according to chapter 3.1.1 may be used to obtain authorization of the use of the domain name in an FQDN. In this case the handwritten signatures of the authorization of the organizational name are the only authorization signatures required on the registration form.</p> | Verified? | Verified |
| EV SSL Verification Procedures | <p>CP/CPS section 3.2.2: EV Certificates will only be issued in accordance with the EV Guidelines to the following types of organizations:</p> <ul style="list-style-type: none"> - Private Organizations - Government Entities - Business Entities - Non-commercial Entities <p>Any RA operating under this CP/CPS must implement a registration process that meets the requirements of the EV Guidelines and that authenticates the organization identity in accordance with these guidelines.</p> <p>section 4.2.1: Before issuing an EV certificate, SwissSign ensures that all subject organisation information in the EV</p> | Verified? | Verified |

certificate conforms to the requirements of, and has been verified in accordance with, the EV Guidelines and matches the information confirmed and documented by the CA pursuant to its verification processes. Such verification processes are intended accomplish the following:

- Verify the organization's existence and identity, including:
 - Verify the organization's legal existence and identity (as established with an incorporating agency).
 - Verify the organization's physical existence (business presence at a physical address).
 - Verify the organization's operational existence (business activity).
 - Verify that the organization (or a corporate parent/subsidiary) is a registered holder or has exclusive control of the domain name to be included in the EV certificate.
 - Verify the requester's authorization for the EV certificate, including:
 - Verify the name, title, and authority of the certificate requester.
 - Verify that the certificate requester signed the registration form

| | | | |
|---|---|------------------|-----------------------|
| Organization Verification Procedures | CP/CPS section 3.2.2 - Authentication of organization identity section 3.2.3: Authentication of individual identity section 3.2.5: Validation of authority | Verified? | Verified |
| Email Address Verification Procedures | CP/CPS section 3.2.3: The /email= field must be verified during the registration process. The requester must prove that he has access to the mailbox and that he can use it to receive mail. CP/CPS section 4.4.1: Once the Certificate is issued by the CA, the subscriber receives an email with a link to download the certificate. If the subscriber utilize this link, then he has accepted the certificates. | Verified? | Verified |
| Code Signing Subscriber Verification Pro | CP/CPS section 3.2.2, 3.2.3, and 3.2.5 section 7.1.2.2: Code-signing certificate issued by: SwissSign Personal Gold CA 2008 – G2 section 7.1.2.5: Code-signing certificate issued by: SwissSign Personal Gold CA 2014 – G22 | Verified? | Verified |
| Multi-Factor Authentication | NEED BR #16.5: The CA SHALL enforce multi-factor authentication for all accounts capable of directly causing certificate issuance. See item #6 of https://wiki.mozilla.org/CA:Information_checklist#Verification_Policies_and_Practices | Verified? | Need Response From CA |
| Network Security | NEED See item #7 of https://wiki.mozilla.org/CA:Information_checklist#Verification_Policies_and_Practices | Verified? | Need Response From CA |

Link to Publicly Disclosed and Audited subordinate CA Certificates

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|--|---|------------------|----------|
| Publicly Disclosed & Audited subCAs | https://swisssign.net/cgi-bin/authority/download | Verified? | Verified |
|--|---|------------------|----------|

Root Case Record # 2

Root Case Information

| | | | |
|------------------------------|-------------------------------|---------------------|-----------|
| Root Certificate Name | SwissSign Silver Root CA - G3 | Root Case No | R00000077 |
| Request Status | Need Information from CA | Case Number | 00000060 |

Additional Root Case Information

Subject Include SwissSign Silver Root CA - G3

Technical Information about Root Certificate

| | | | |
|---|--|------------------|-----------------------|
| O From Issuer Field | SwissSign AG | Verified? | Verified |
| OU From Issuer Field | | Verified? | Verified |
| Certificate Summary | This root will eventually replace the SHA-1 SwissSign Silver CA - G2 root that was included via Bugzilla Bug #343756. | Verified? | Verified |
| Root Certificate Download URL | https://swissign.net/cgi-bin/authority/download | Verified? | Verified |
| Valid From | 2009 Aug 04 | Verified? | Verified |
| Valid To | 2037 Aug 04 | 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 | NEED: URL to website whose SSL cert chains up to this root | Verified? | Need Response From CA |
| CRL URL(s) | NEED: CRL URLs CP/CPS section 4.9.7: At least once every 24 hours. At most, 24 hours may pass from the time a certificate is revoked until the revocation is reported on the CRL. | Verified? | Need Response From CA |
| OCSP URL(s) | NEED: OCSP URL(s) CP/CPS section 4.9.7: Real-time. The OCSP responder will report a certificate's revocation immediately after the revocation has been completed. | Verified? | Need Response From CA |
| Trust Bits | Code; Email; Websites | Verified? | Verified |
| SSL Validation Type | DV; OV | Verified? | Verified |
| EV Policy OID(s) | Not EV | Verified? | Not Applicable |
| EV Tested | Not requesting EV treatment for this root. | Verified? | Not Applicable |
| Root Stores Included In | Microsoft | Verified? | Verified |
| Mozilla Applied Constraints | None | Verified? | Verified |

Digital Fingerprint Information

| | | | |
|----------------------------|---|------------------|----------|
| SHA-1 Fingerprint | 8D:08:FC:43:C0:77:0C:A8:4F:4D:CC:B2:D4:1A:5D:95:6D:78:6D:C4 | Verified? | Verified |
| SHA-256 Fingerprint | 1E:49:AC:5D:C6:9E:86:D0:56:5D:A2:C1:30:5C:41:93:30:B0:B7:81:BF:EC:50:E5:4A:1B:35:AF:7F:DD:D5:01 | Verified? | Verified |

CA Hierarchy Information

| | | | |
|---|---|------------------|-----------------------|
| CA Hierarchy | CP/CPS section 1: The "SwissSign Silver CA" has two subordinate CAs: the "SwissSign Personal Silver CA" and the "SwissSign Server Silver CA". The "SwissSign Personal Silver CA" issues certificates that support digital signing and/or encryption for individuals. The "SwissSign Server Silver CA" issues certificates for servers. | Verified? | Verified |
| Externally Operated SubCAs | NEED: Can there be externally-operated subCAs in this CA hierarchy? If yes, please provide the information listed here: https://wiki.mozilla.org/CA:SubordinateCA_checklist | Verified? | Need Response From CA |
| Cross Signing | NEED: Has this root cross-signed with any other root? | Verified? | Need Response From CA |
| Technical Constraint on 3rd party Issuer | NEED: Are there any technical constraints on external RAs and externally-operated subCAs? CP/CPS section 1.3.2: Third parties may operate their own registration authority services, if these third parties abide by all the rules and regulations of this CP/CPS and the stipulations of standards (see chapter 1). Any RA operating under this CP/CPS must adhere to the following rules: - The RA must have a contractual agreement with SwissSign AG ... - The registration process of any other RA must be documented and presented to SwissSign AG. The other RA is only allowed to execute their registration process if SwissSign AG has audited and approved the process as meeting the quality requirements of this CP/CPS and therefore being equivalent to the registration process of the SwissSign RA. - The RA must pass an annual audit. | Verified? | Need Response From CA |

Verification Policies and Practices

| | | | |
|---------------------------------|---|------------------|----------|
| Policy Documentation | Repository (History of Silver CA G2): https://www.swissign.com/en/silver-cpcps | Verified? | Verified |
| CA Document Repository | http://swissign.com/repository | Verified? | Verified |
| CP Doc Language | English | | |
| CP | http://repository.swissign.com/SwissSign-Silver-CP-CPS.pdf | Verified? | Verified |
| CP Doc Language | English | | |
| CPS | http://repository.swissign.com/SwissSign-Silver-CP-CPS.pdf | Verified? | Verified |
| Other Relevant Documents | End User Agreement: https://www.swissign.com/documents/SwissSign-Silver-EUA-R3.pdf | Verified? | Verified |
| Auditor Name | KPMG | Verified? | Verified |
| Auditor Website | http://www.kpmg.ch | Verified? | Verified |
| Auditor Qualifications | Certification Body SCESm071 Certification Body SCESm 071, KPMG AG Switzerland | Verified? | Verified |

| | | | |
|---|--|-----------|----------------------------|
| Standard Audit | https://bug343756.bugzilla.mozilla.org/attachment.cgi?id=8435567 | Verified? | Verified |
| Standard Audit Type | ETSI TS 102 042 | Verified? | Verified |
| Standard Audit Statement Date | 4/10/2014 | Verified? | Verified |
| BR Audit | https://bug343756.bugzilla.mozilla.org/attachment.cgi?id=8435567 | Verified? | Verified |
| BR Audit Type | ETSI TS 102 042 | Verified? | Verified |
| BR Audit Statement Date | 4/10/2014 | Verified? | Verified |
| EV Audit | | Verified? | Not Applicable |
| EV Audit Type | | Verified? | Not Applicable |
| EV Audit Statement Date | | Verified? | Not Applicable |
| BR Commitment to Comply | CP/CPS section 1 | Verified? | Verified |
| SSL Verification Procedures | <p>CP/CPS section 3.1.1: The use of a FQDN requires authorization of the domain owner. ... The use of a FQDN may be authorized through domain validation if an organizational name is part of the subject. Domain validation must be obtained by one of the following methods:</p> <ul style="list-style-type: none"> - The requester proves control of an administrative mail address in the domain. - The requester proves control of the DNS entry. - The requester proves control over the web server. <p>CP/CPS section 3.2.2: SwissSign validates that the person enrolling for the certificate has control of the domain by requiring the person to respond to an e-mail hosted at that domain (eg. webmaster@domain, postmaster@domain etc.). Additionally, the domain will only be accepted if a printout of the WHOIS entry for the domain is included. The owner of the domain must approve the request with a handwritten personal signature in the appropriate position on the registration form and provide information as to his identity. The RA will create a high-quality copy or scan of all required supporting documentation.</p> | Verified? | Verified |
| EV SSL Verification Procedures | Not requesting EV treatment for this root. | Verified? | Not Applicable |
| Organization Verification Procedures | CP/CPS section 3.2.2 - Authentication of organization identity section 3.2.3: Authentication of individual identity section 3.2.5: Validation of authority | Verified? | Verified |
| Email Address Verification Procedures | <p>CP/CPS section 3.2.3: The /email= field must be verified during the registration process. The requester must prove that he has access to the mailbox and that he can use it to receive mail.</p> <p>CP/CPS section 4.4.1: Once the Certificate is issued by the CA, the subscriber receives an email with a link to download the certificate. If the subscriber utilizes this link, then he has accepted the certificates.</p> | Verified? | Verified |
| Code Signing Subscriber Verification Procedures | <p>NEED</p> <p>I didn't find anything regarding Code Signing in the Silver CP/CPS.</p> <p>Are Code Signing certs issued in this CA Hierarchy?</p> | Verified? | Need Clarification From CA |
| Multi-Factor Authentication | <p>NEED</p> <p>BR #16.5: The CA SHALL enforce multi-factor authentication for all accounts capable of directly causing certificate issuance.</p> | Verified? | Need Response From CA |

See item #6 of [https://wiki.mozilla.org/CA:Information_checklist#Verification Policies and Practices](https://wiki.mozilla.org/CA:Information_checklist#Verification_Policies_and_Practices)

| | | | |
|------------------|--|-----------|-----------------------|
| Network Security | NEED See item #7 of https://wiki.mozilla.org/CA:Information_checklist#Verification Policies and Practices | Verified? | Need Response From CA |
|------------------|--|-----------|-----------------------|

Link to Publicly Disclosed and Audited subordinate CA Certificates

| | | | |
|-------------------------------------|---|-----------|----------|
| Publicly Disclosed & Audited subCAs | https://swisssign.net/cgi-bin/authority/download | Verified? | Verified |
|-------------------------------------|---|-----------|----------|

Root Case Record # 3

Root Case Information

| | | | |
|-----------------------|---------------------------------|--------------|-----------|
| Root Certificate Name | SwissSign Platinum Root CA - G3 | Root Case No | R00000078 |
| Request Status | Need Information from CA | Case Number | 00000060 |

Additional Root Case Information

| | |
|---------|---|
| Subject | Include SwissSign Platinum Root CA - G3 |
|---------|---|

Technical Information about Root Certificate

| | | | |
|--|--|-----------|-----------------------|
| O From Issuer Field | SwissSign AG | Verified? | Verified |
| OU From Issuer Field | | Verified? | Verified |
| Certificate Summary | This root will eventually replace the SHA-1 SwissSign Platinum CA - G2 root that was included via Bugzilla Bug #343756. | Verified? | Verified |
| Root Certificate Download URL | https://swisssign.net/cgi-bin/authority/download | Verified? | Verified |
| Valid From | 2009 Aug 04 | Verified? | Verified |
| Valid To | 2037 Aug 04 | 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 | NEED: Please attach to the bug an example/test cert chaining up to this root. | Verified? | Need Response From CA |
| CRL URL(s) | NEED: CRL URLs CP/CPS section 4.9.7: At least once every 24 hours. At most, 24 hours may pass from the time a certificate is revoked until the revocation is reported on the CRL. | Verified? | Need Response From CA |
| OCSP URL(s) | NEED: OCSP URL(s) CP/CPS section 4.9.7: Real-time. The OCSP responder will report a certificate's revocation immediately after the revocation has been completed. | Verified? | Need Response From CA |

| | | | |
|-----------------------------|--|-----------|----------------|
| Trust Bits | Code; Email | Verified? | Verified |
| SSL Validation Type | | Verified? | Not Applicable |
| EV Policy OID(s) | Not EV | Verified? | Not Applicable |
| EV Tested | Not requesting EV treatment for this root. | Verified? | Not Applicable |
| Root Stores Included In | Microsoft | Verified? | Verified |
| Mozilla Applied Constraints | None | Verified? | Verified |

Digital Fingerprint Information

| | | | |
|---------------------|---|-----------|----------|
| SHA-1 Fingerprint | A1:E7:C6:00:AA:41:70:E5:B7:4B:C9:4F:9B:97:03:ED:C2:61:B4:B9 | Verified? | Verified |
| SHA-256 Fingerprint | 59:B3:82:9F:1F:F4:43:34:49:58:FA:E8:BF:F6:21:B6:84:C8:48:CF:BF:7E:AD:6B:63:A6:CA:50:F2:79:4F:89 | Verified? | Verified |

CA Hierarchy Information

| | | | |
|--|--|-----------|-----------------------|
| CA Hierarchy | CP/CPS section 1: The "SwissSign Platinum CA" has several subordinate CAs: the "SwissSign Qualified Platinum CA", the "SwissSign Personal Platinum CA", the "SwissSign SuisseID Platinum CA", the "SwissSign Server Platinum CA" and the "Swiss Post Platinum CA". The "SwissSign Qualified Platinum CA" issues qualified certificates that meet the stipulations of the Swiss Digital Signature Law and which may be distributed under different trade marks. The "SwissSign Personal Platinum CA" issues certificates that support digital signing and/or encryption for individuals and organizations. The "Swiss Post Platinum CA" issues certificates for distribution under the trade mark of the Swiss Post that support digital signing and/or encryption for individuals and organizations. | Verified? | Verified |
| Externally Operated SubCAs | NEED: Can there be externally-operated subCAs in this CA hierarchy? If yes, please provide the information listed here: https://wiki.mozilla.org/CA:SubordinateCA_checklist | Verified? | Need Response From CA |
| Cross Signing | NEED: Has this root cross-signed with any other root? | Verified? | Need Response From CA |
| Technical Constraint on 3rd party Issuer | NEED: Are there any technical constraints on external RAs and externally-operated subCAs? CP/CPS section 1.3.2: Third parties may operate their own registration authority services, if these third parties abide by all the rules and regulations of this CP/CPS, Swiss law and the stipulations of applicable standards (see chapter 1). Any RA operating under this CP/CPS must adhere to the following rules: - The RA must have a contractual agreement with SwissSign AG which | Verified? | Need Response From CA |

indicates the authorization for their role as RA and clearly details the minimum requirements, processes and liabilities.

- The registration process must meet the stipulations of Swiss Digital Signature Law. It must be documented, published, and distributed to all parties involved in the RA process.
- The RA must be certified according to Swiss Digital Signature Law and must pass an annual audit.

Verification Policies and Practices

| | | | |
|--------------------------------------|--|-----------|----------------|
| Policy Documentation | Repository (History of Platinum CA G2): https://www.swisssign.com/en/platinum-cpcps | Verified? | Verified |
| CA Document Repository | http://swisssign.com/repository | Verified? | Verified |
| CP Doc Language | English | | |
| CP | http://repository.swisssign.com/SwissSign-Platinum-CP-CPS.pdf | Verified? | Verified |
| CP Doc Language | English | | |
| CPS | http://repository.swisssign.com/SwissSign-Platinum-CP-CPS.pdf | Verified? | Verified |
| Other Relevant Documents | End User Agreement: http://repository.swisssign.com/SwissSign-Platinum-EUA-R4.pdf | Verified? | Verified |
| Auditor Name | KPMG | Verified? | Verified |
| Auditor Website | http://www.kpmg.ch | Verified? | Verified |
| Auditor Qualifications | Certification Body SCESm071 Certification Body SCESm 071, KPMG AG Switzerland | Verified? | Verified |
| Standard Audit | https://bug343756.bugzilla.mozilla.org/attachment.cgi?id=8435567 | Verified? | Verified |
| Standard Audit Type | ETSI TS 102 042 | Verified? | Verified |
| Standard Audit Statement Date | 4/10/2014 | Verified? | Verified |
| BR Audit | | Verified? | Not Applicable |
| BR Audit Type | | Verified? | Not Applicable |
| BR Audit Statement Date | | Verified? | Not Applicable |
| EV Audit | | Verified? | Not Applicable |
| EV Audit Type | | Verified? | Not Applicable |
| EV Audit Statement Date | | Verified? | Not Applicable |
| BR Commitment to Comply | Not requesting Websites trust bit for this root. | Verified? | Not Applicable |
| SSL Verification Procedures | Not requesting Websites trust bit for this root. | Verified? | Not Applicable |
| EV SSL Verification Procedures | | Verified? | Not Applicable |
| Organization Verification Procedures | CP/CPS section 3.2.2 - Authentication of organization identity section 3.2.3: Authentication of individual identity section 3.2.5: Validation of authority | Verified? | Verified |

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|--|--|------------------|----------|
| Email Address Verification Procedures | CP/CPS section 3.2.3: The /email= field must be verified during the registration process. The requester must prove that he has access to the mailbox and that he can use it to receive mail. | Verified? | Verified |
|--|--|------------------|----------|

section 4.3.2: The CA may:

- email the certificate to the subscriber
- email the certificate to the requesting RA
- email information permitting the subscriber to download the certificate from a web site or repository
- email information permitting the RA to download the certificate from a web site or repository

section 4.4.1: Subscribers are not required to confirm the acceptance of the certificate.
The registration authority ensures that certificate issuance will only take place when the subscriber is ready to download and install the certificate. This step is considered sufficient and no further confirmation is required.

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| Code Signing Subscriber Verification Pro | CP/CPS sections 3.2.2, 3.2.3, 3.2.5 section 7.1.2.9: Code-signing certificate issued by: SwissSign Platinum Server CA 2010 – G3 | Verified? | Verified |
|---|--|------------------|----------|

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|------------------------------------|---|------------------|-----------------------|
| Multi-Factor Authentication | NEED BR #16.5: The CA SHALL enforce multi-factor authentication for all accounts capable of directly causing certificate issuance. See item #6 of https://wiki.mozilla.org/CA:Information_checklist#Verification_Policies_and_Practices | Verified? | Need Response From CA |
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| Network Security | NEED See item #7 of https://wiki.mozilla.org/CA:Information_checklist#Verification_Policies_and_Practices | Verified? | Need Response From CA |
|-------------------------|--|------------------|-----------------------|

Link to Publicly Disclosed and Audited subordinate CA Certificates

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| Publicly Disclosed & Audited subCAs | https://swisssign.net/cgi-bin/authority/download | Verified? | Verified |
|--|---|------------------|----------|