

InCommon Cert Types



InCommon Certificate Service SSO and MFA Available

The use of single sign-on and multifactor authentication for accessing the Comodo Certificate Manager is available to any subscriber that also operates an Identity Provider in the InCommon Federation. [See this wiki page](#) for details.

InCommon Certificate Types

This page includes links to technical documents and service endpoints for each of the certificate types issued by the InCommon Certificate Service.

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SSL/TLS Certificates

SHA-2 Server Certificates

The intermediate CA known as the "InCommon RSA Server CA 2", which uses the SHA-2 hash algorithm, was deployed on November 1, 2023.

- *Certificate Chain:*
 - AAA Certificate Services [\[PEM\]](#)
 - USERTrust RSA Certification Authority [\[PEM\]](#)
 - InCommon RSA Server CA 2 [\[PEM\]](#)
 - End-Entity Certificate
- [Certification Practices Statement](#) for OV SSL/TLS Certificates
- *Certificate Revocation List:* <http://crl.sectigo.com/InCommonRSAServerCA2.crl>
- *Online Certificate Status Protocol:* <http://ocsp.sectigo.com>



To test the freshness of the CRL, type the following command:

```
$ curl -s http://crl.sectigo.com/InCommonServerCA2.crl | openssl crl -inform DER -noout -lastupdate -nextupdate
```

Extended Validation SSL/TLS Certificates

Extended Validation (EV) SSL/TLS Certificates became available on March 10, 2011.

- *Certificate Chain:*
 - AAA Certificate Services [\[PEM\]](#)
 - USERTrust RSA Certification Authority [\[PEM\]](#)
 - Sectigo RSA Extended Validation Secure Server CA [\[PEM\]](#)
 - End-Entity Certificate
- [Intermediate CA Bundle](#) for EV SSL/TLS Certificates
- [Certification Practices Statement](#) for EV SSL/TLS Certificates
- Certificate Profile for EV SSL/TLS Certificates
- *Certificate Revocation List:* <http://crl.sectigo.com/SectigoRSAExtendedValidationSecureServerCA.crl>
- *Online Certificate Status Protocol:* <http://ocsp.sectigo.com>

IGTF Server Certificates

InCommon offers IGTF server certificates for use by subscribers who are also active with the IGTF grid community. **Note:** Unless you are running a server as part of the IGTF grid ([see the IGTF website](#)) these certificates are NOT what you need. Request a normal InCommon server certificate instead.

The intermediate CA known as the InCommon RSA IGTF Server CA 3 was deployed on July 17, 2023.

- *Certificate Chain:*
 - AAA Certificate Services (root) [\[PEM\]](#)

- USERTrust RSA Certification Authority [[PEM](#)]
- InCommon RSA IGTF Server CA 3 [[PEM](#)]
- End-Entity Certificate
- *Certificate Revocation List*: <http://crl.sectigo.com/InCommonRSAIGTFServerCA3.crl>
- *Online Certificate Status Protocol*: <http://ocsp.sectigo.com>
- [Certification Practices Statement](#) for IGTF certificates

Client Certificates

SHA-2 Standard Assurance Client Certificates

The intermediate CA known as the InCommon RSA Standard Assurance Client CA was deployed on September 18, 2014.

- Certificate Chain:

AAA Certificate Services [[PEM](#)]

USERTrust RSA Certification Authority [[Text](#)] [[PEM](#)]

InCommon RSA Standard Assurance Client CA 2 [[PEM](#)]

End-Entity Certificate

- [Intermediate CA Bundle](#) for Standard Client Certificates
- [Certification Practices Statement](#) for Standard Client Certificates
- *Certificate Revocation List*:
<http://crl.incommon-rsa.org/InCommonRSAStandardAssuranceClientCA.crl>
- *Online Certificate Status Protocol*:
<http://ocsp.incommon-rsa.org>

Code-signing Certificates

The intermediate CA known as the *InCommon RSA Code Signing CA* (SHA-2) was deployed on September 19, 2014.

- Certificate Chain
 - Please click here to see the cert chain: <https://support.comodo.com/index.php?/Default/Knowledgebase/Article/View/992/108/incommon-code-signing-sha-2>

The intermediate CA known as the *InCommon Code Signing CA* (SHA-1) was deployed on June 30, 2011.

- Certificate Chain:
 - AAA Certificate Services [[PEM](#)]
 - Sectigo Public Code Signing Root R46 [[PEM](#)]
 - Sectigo Public Code Signing CA R36 [[PEM](#)]
 - End-Entity Certificate

The following information is common to both the SHA-1 and SHA-2 InCommon intermediate CAs:

- [Certification Practices Statement](#) for Code-Signing Certificates
- *Certificate Revocation List*: <http://crl.sectigo.com/SectigoPublicCodeSigningRootR46.crl>
- *Online Certificate Status Protocol*: <http://ocsp.sectigo.com>