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