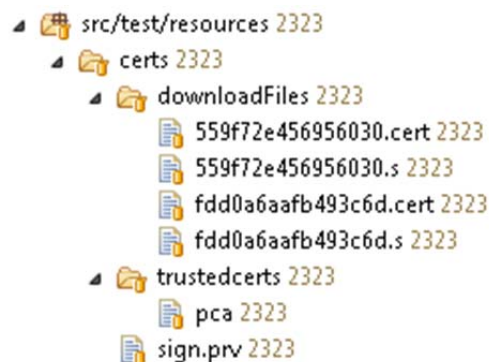


Notes for the certificates used by the library tests that were redacted from the source code

The files that we used from the certificates bundle that was provided by SCMS (as related to an *rse-N* folder, for example, *rse-1*):

1. *pca* from *trustedcerts* folder is the root CA that the RSU certificate is signed by
2. *sign.prv* from the root of the folder is the signing private key
3. We requested several RSU certificates to use one as our own (self, SDC/SDW) and another to simulate a client. The bundle we received contained 20 RSE certificates. In the test code we used an RSU certificate from *rse-1* folder with id (file name part) 559f72e456956030 for self and another RSU certificate from the *rse-2* folder with id (file name part) fdd0a6aafb493c6d for the client. The certificates were placed into the test resources as shown on the picture below. You should find similar certificates in your bundle and place the same way and adjust the file names in the */fedgov-cv-security-2016/src/test/java/gov/usdot/cv/security/cert/FileCertificateStoreTest.java* unit test file accordingly.



4. Two unit test files */fedgov-cv-security-2016/src/test/java/gov/usdot/cv/security/cert/CertificateWrapperTest.java* and */fedgov-cv-security-2016/src/test/java/gov/usdot/cv/security/msg/TestCertificateStore.java* use hex strings of bytes from the certificates and related files. These strings content was removed and replaced with a note about what file's bytes go there which should make recovering the content of the string very easy. The pictures below show how the strings looked (partially) before and after.

Actual code:

```
private static final String PcaCert = "80030080fabd443dbf8585fa59811976327870
private static final String SigningPrivateKey = "4cfb69ebfea42814116ca752416f
private static final String SelfCert = "0003018097e3682da8de6431508300000000
private static final String SelfCertPrivateKeyReconstructionValue = "701b753e
private static final String ClientCert = "0003018097e3682da8de6431508300000000
private static final String ClientCertPrivateKeyReconstructionValue = "4a98eb
```

Redacted code:

```
private static final String certsValidDate = "Thu May 11 02:00:00 EDT 2017";

private static final String PcaCert = "<hex of the bytes from trustedcerts/pca file>";

private static final String SigningPrivateKey = "<hex of the bytes from sign.prv>";

private static final String SelfCert = "<hex of the bytes from downloadFiles/559f72e456956030.cert>";
private static final String SelfCertPrivateKeyReconstructionValue = "<hex of the bytes from downloadFiles/559f72e456";

private static final String ClientCert = "<hex of the bytes from downloadFiles/fdd0a6aafb493c6d.cert>";
private static final String ClientCertPrivateKeyReconstructionValue = "<hex of the bytes from downloadFiles/fdd0a6aa";
```