

Script to setup keystore for OWSM

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In Fusion Middleware 11g/12c, user can very easily protect their services using OWSM policies. A number of these policies are message protection policies, And to invoke these services, client need to set up OPSS keystore service properly to be picked by owsm. Following is an attempt to automate the steps using DemoCA cert available with WLS installation.

The automated script executes the following steps:

1) `java utils.CertGen -certfile ClientPublicCertificate -keyfile ClientPrivateKey -keyfilepass internalPassword -cn hostName`

2) Create client keystore with client key-certificate pair

```
java utils.ImportPrivateKey
-keystore suppliedLocation
-storepass suppliedPassword
-certfile ClientPublicCertificate.der
-keyfile ClientPrivateKey.der
-keyfilepass internalPassword
-alias suppliedAlias -keypass suppliedPassword
```

3) Now add the root CA to the client keystore

```
keytool -importcert -file ${rootca.location}/CertGenCA.der -keystore default-keystore.jks -storepass welcome1 -alias wlsdemoca
```

4) Add the service's public certificate to the client keystore.