How to configure Connect-IT connection with SMAX

- **Connect-IT requires the SMAX certificate to be put in the local truststore of the JRA which is being used by CIT application.**

  Follow the steps to export and import the SMAX cert into JKS:

  1. Export the SMAX certificate

     a. In SMAX master server, run the following command:

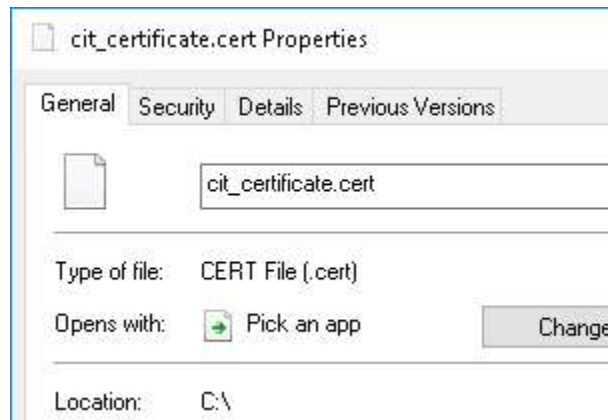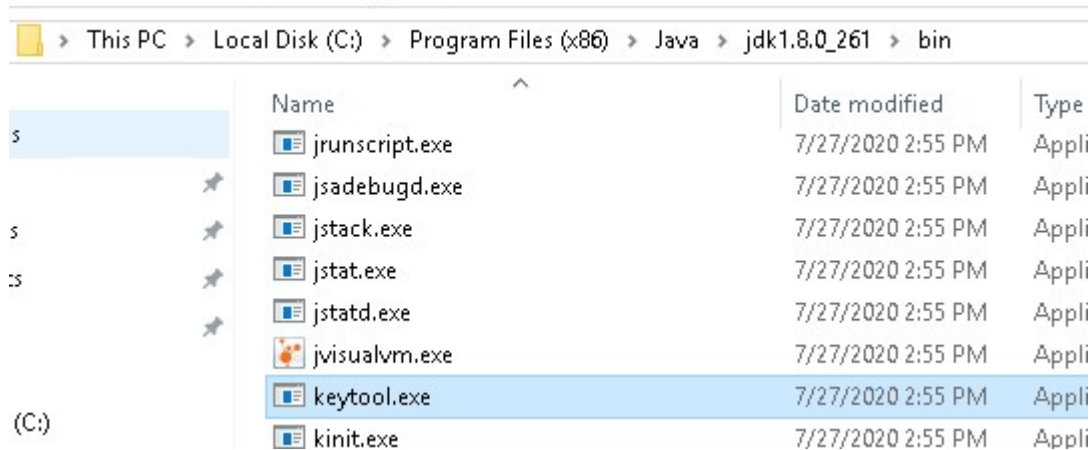 *openssl s_client -connect https://ult01vm0217.swinfra.net:443*

b. Save the content of the certificate into a .cert file

c. Move the file into the CIT server

2. Import the certificate

a. Look for the keytool.exe application on the JRE installation location:

b. Run the following command using the keytool

keytool -importcert -file C:\cit_certificate.cert -keystore keystore.jks -storepass changeit

```
Administrator: C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.14393]
(c) 2016 Microsoft Corporation. All rights reserved.

C:\Program Files (x86)\Java\jdk1.8.0_261\bin>keytool -importcert -file C:\cit_certificate.cert -keystore keystore.jks -storepass changeit
Owner: CN=ult01vm0217.swinfra.net
Issuer: CN=MF CDF RE CA on ult01vm0217.swinfra.net
Serial number: d1a246e31520df8ddb2b41e3bac1f8fea07f3a7
Valid from: Mon May 18 16:20:32 MST 2020 until: Tue May 18 16:21:01 MST 2021
Certificate fingerprints:
        MD5:   2F:3D:58:EF:F9:09:38:0F:D0:2C:23:2F:1E:BD:CB:E2
        SHA1:  71:CB:4D:78:86:8E:E0:C1:55:76:7B:8A:61:4F:19:B9:38:D5:41:B4
        SHA256: 9B:BB:67:A9:91:0A:05:0D:08:AA:0B:08:B2:18:01:2A:B9:86:B1:E3:B3:58:26:C9:F5:8A:A9:B7:8A:93:C7:41
Signature algorithm name: SHA256withRSA
Subject Public Key Algorithm: 2048-bit RSA key
Version: 3

Extensions:

#1: ObjectId: 1.3.6.1.5.5.7.1.1 Criticality=false
AuthorityInfoAccess [
```

```
Trust this certificate? [no]:  yes
Certificate was added to keystore

C:\Program Files (x86)\Java\jdk1.8.0_261\bin>_
```

c. On the path configured on the parameter the JKS file will be created, if not specified will be on the same keytool directory

3. Configure CIT connector to use the newly created JKS file

Specify the server information

| Server | https://ult01vm0217.swinfra.net:443?TENANTID=824697988 |

Wizard: 'Configure the connector'. — ☐ ✕

SSL configuration

☑ Use an SSL connection (Recommended)

Specify the SSL configuration

CA certificates file (truststore)	C:\Users\Administrator\Desktop\keystore.jks
Truststore password	********
Truststore type	JKS
Certificates and client keys file (keystore)	
Keystore password	
Keystore type	

Finally, open the connector to verify the connection works correctly.

Management as a Service
https://ult01vm0217.swinfra....

Detail of the connector 'Management as a Service' (view 'Global')

| Scenario search | Patches list | Connect-It log | Document log | Document types |

Message

– Opening connector 'Management as a Service (https://ult01vm0217.swinfra.net:443?TENANTID=824697988)'...
   Handle these data types 'ENTITY_LINK', 'COMPLEX_TYPE' as string type.
   Loading document type extension file 'C:\Micro Focus\Connect-It 9.80 en\config\shared\default.cfg'...
   Checking coherency of connector document types...
   The 'Management as a Service (https://ult01vm0217.swinfra.net:443?TENANTID=824697988)' connector has been opened.

- **Want to learn more?**

  https://docs.microfocus.com/itom/SMAX:2020.02/IntegrateCIT

- **Type here a final question about your topic?**

  What debug can be enabled in case of a failure connection?

  R/ You can enable Java debug on the JVM embedded CIT console.