mod17_ex05: Creating local truststore

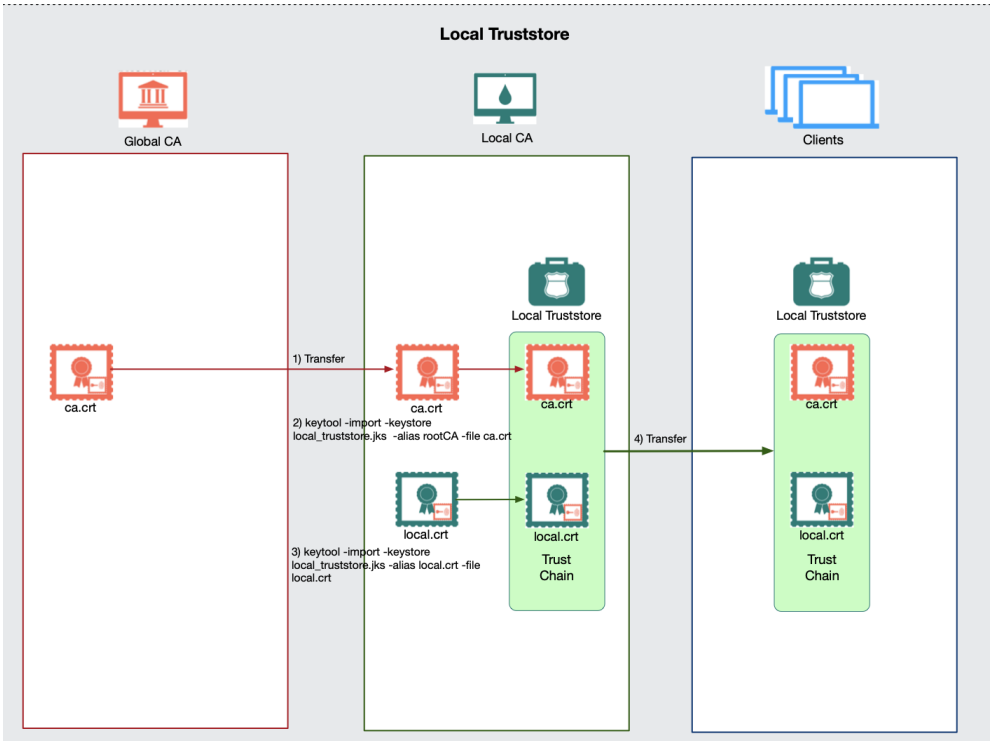
The purpose of this exercise is to create a local truststore. The local truststore will be transfered to every host.

Reference Information

The following documents provide information related to this exercise.

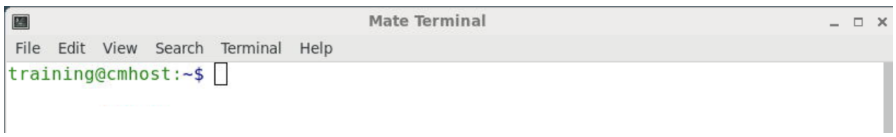
- TBD

1. Creating a local truststore.



1. Transfer the ca.crt to local. This will be the first certificate in the trust chain.
2. Import the ca.cert to local_truststore.jks.
3. Import the local.crt to local_truststore.jks.
4. Transfer the local_truststore.jks to client.

2. Open a Mate terminal as the user training.



3. Transfer the CA certificate.

3.1 Change directories to local.


```
$ cd ~/tls/local
```

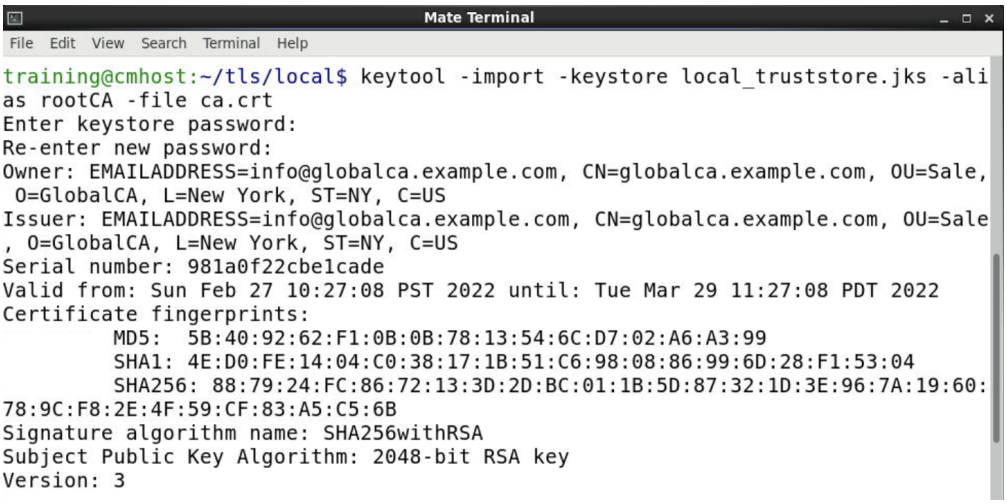
3.2 Copy in the ca.crt.


```
$ cp ~/tls/ca/ca.crt ca.crt
```

4. Import certificates.

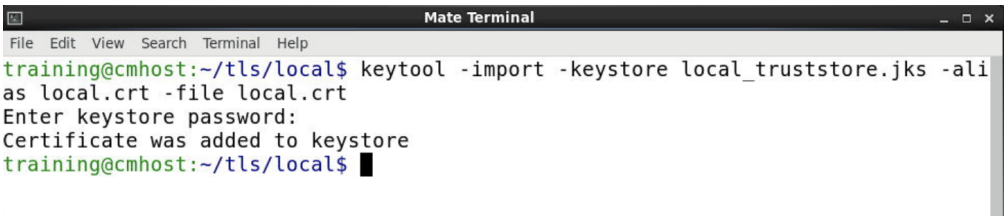
The first key in the chain should be the CA's public key (ca.crt). Additional keys added to the keystore from this point are called intermediate keys.

4.1 Import the CA certificate. Use password <password>.




```
$ keytool -import -keystore local_truststore.jks -alias rootCA -file ca.crt
```

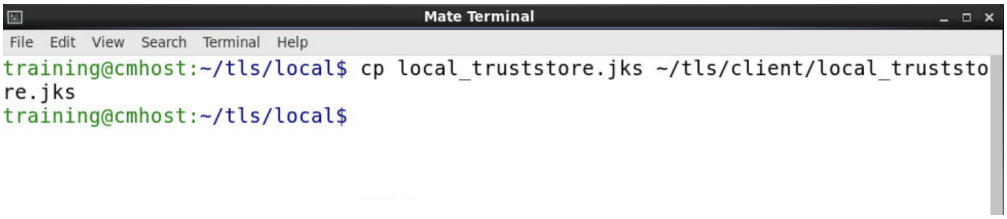
4.2 Import the local certificate.




```
$ keytool -import -keystore local_truststore.jks -alias local.crt -file
local.crt
```

5. Transfer the truststore.

5.1 Transfer the truststore.




```
$ cp local_truststore.jks ~/tls/client/local_truststore.jks
```