**Glassfish: - Installing Certegy Certificates into a domain**

Follow the below steps to install Certegy certificate in Glassfish’s server techtrex domain:

1. Make sure that you have all certificates (cert1.cer, cert1.cer and Edberg.Ken.p12).
2. Please take a back up of techtrex config folder(for.e.g. C:\Glassfish\glassfish\domains\techtrex\config)
3. Copy and paste all certificates (cert1.cer, cert1.cer and Edberg.Ken.p12) files in to Glassfish techttrex domain config folder (for e.g C:\Glassfish\glassfish\domains\techtrex\config)
4. Stop techtrex domain if it is running. Use below command to stop domain using command prompt.

**C:\Glassfish\glassfish\bin\asadmin stop-domain techtrex**

1. Move to C:\Glassfish\glassfish\domains\techtrex\config folder in command prompt.
2. Issue below commands to delete existing keys. Each command will ask to enter keystore password (password is **changeit**)

**keytool -delete -keystore cacerts.jks -alias glassfish-instance  
keytool -delete -keystore cacerts.jks -alias s1as  
keytool -delete -keystore keystore.jks -alias glassfish-instance  
keytool -delete -keystore keystore.jks -alias s1as**

1. Import Certegy certificates(cert1. cer, cert2.cer). Each command will ask to enter keystore password (password is **changeit**)

**keytool -importcert -keystore keystore.jks -file cert1.cer -trustcacerts -alias fis1  
keytool -importcert -keystore keystore.jks -file cert2.cer -trustcacerts -alias fis2**

1. Import the keys (default destination keystore password is **changeit**, Source Keystore Password = **RLLT4w3KLfI=**):

**keytool -importkeystore -destkeystore keystore.jks -srckeystore Edberg.Ken.p12 -srcstoretype PKCS12 -alias "fis certificate" -destalias glassfish-instance**

**keytool -importkeystore -destkeystore keystore.jks -srckeystore Edberg.Ken.p12 -srcstoretype PKCS12 -alias "fis certificate" -destalias s1as**

**keytool -importkeystore -destkeystore cacerts.jks -srckeystore Edberg.Ken.p12 -srcstoretype PKCS12 -alias "fis certificate" -destalias glassfish-instance -trustcacerts**

**keytool -importkeystore -destkeystore cacerts.jks -srckeystore Edberg.Ken.p12 -srcstoretype PKCS12 -alias "fis certificate" -destalias s1as -trustcacerts**

1. Change the Keystore and cacerts password (Keystore password = **changeit**, Key Password = **RLLT4w3KLfI=**, New Key Password = **adminadmin** )

**keytool -keypasswd -keystore keystore.jks -alias glassfish-instance  
keytool -keypasswd -keystore keystore.jks -alias s1as  
keytool -keypasswd -keystore cacerts.jks -alias glassfish-instance  
keytool -keypasswd -keystore cacerts.jks -alias s1as**

1. Change the GlassFish admin password (Old password=**changeit**, New Password = **adminadmin**)

**C:\Glassfish\glassfish\bin\asadmin change-master-password --savemasterpassword true techtrex  
C:\Glassfish\glassfish\bin\asadmin start-domain techtrex**