Weblogic - How to change / remove IP/hostname quick and dirty howto

Author : admin



This is just quick & dirty doc on how to change/remove IP/host on Oracle WebLogic Application server

- In logs the Error message will be message like:

Solution:

On web console - change/remove IP/hostname

As **root / admin supersuser**:

- Stop Weblogic Webserver

As this is ***RHEL Linux***, *to stop WLS use standard init script start / stop* **service** command

```
service wls stop
```

- As Application user create directory where new key will be created

```
mkdir /home/uwls11pp/tmp_key
cd /home/uwls11pp/tmp_key
```

- Make backup of current JKS (Keystore File)

```
cp /WLS/app/oracle/wls1036/wlserver_10.3/server/lib/DemoIdentity.jks
/WLS/app/oracle/wls1036/wlserver_10.3/server/lib/DemoIdentity.jks_11032015
```

- Execute set env . script

```
/WLS/app/oracle/wls1036/wlserver_10.3/server/bin/setWLSEnv.sh
```

- Copy & paste output from script above and export variables

```
  export CLASSPATH;
export PATH;
```

- Check old certificate in keystore

```
  /WLS/app/oracle/jdk1.7.0_25/bin/keytool -list -v -keystore
/WLS/app/oracle/wls1036/wlserver_10.3/server/lib/DemoIdentity.jks  -storepass
DemoIdentityKeyStorePassPhrase
```

- Delete old Weblogic keystore JKS file

/WLS/app/oracle/jdk1.7.0_25/bin/keytool -delete -alias demoidentity -keystore /WLS/app/oracle/wls1036/wlserver_10.3/server/lib/DemoIdentity.jks -storepass DemoIdentityKeyStorePassPhrase

- Check wether proper Java version is used

java -version

- Get hostname from hosts file

cat /etc/hosts

#Replace weblogic1 with your FQDN (Fully Qualified Domain Name) – this step will create new certificate with new hostname

java utils.CertGen -cn weblogic1 -keyfilepass DemoIdentityPassPhrase -certfile newcert -keyfile newkey

#Import certificate to "official" keystore

```
java utils.ImportPrivateKey -keystore
/WLS/app/oracle/wls1036/wlserver_10.3/server/lib/DemoIdentity.jks -storepass
DemoIdentityKeyStorePassPhrase -keyfile newkey.pem -keyfilepass
DemoIdentityPassPhrase -certfile newcert.pem -alias demoidentity
```

#Recheck once again if correct certificate is in use

```
/WLS/app/oracle/jdk1.7.0_25/bin/keytool -list -v -keystore
/WLS/app/oracle/wls1036/wlserver_10.3/server/lib/DemoIdentity.jks  -storepass
DemoIdentityKeyStorePassPhrase
```

- Finally issue as root user restart Weblogic server again

```
service wls start
```