

## Kerberos based SSO solution in WebLogic environment & Oracle's Http Server ( OHS )

For the cluster configuration for load balancer, please refer to the attachment titled "Web\_Java\_Cluster\_Config v2.pdf", under section "Configure a clustered environment with a load balancer".

In your case, you have a proxy behind the Load Balancer and Weblogic servers behind the proxy, but the procedure is the same.

- 1) You should treat the proxy like Web Application Server B in the picture and the weblogic server machines like Web Application Server C in the picture.
- 2) You have to install Centrify DirectControl agent on the proxy server and all the weblogic servers machines before doing the steps in this section.
- 3) After the steps above, you need to do the following:

### **For the weblogic admin server:**

- a) Install Centrify DirectControl for web agent
- b) Follow steps in the web admin guide to configure the weblogic server.
- c) You need NOT configure the Authentication Provider CentrifyDCADFSAuthenticator as it is only used for ADFS.

### **4) For each weblogic managed server in the cluster:**

- a) Install Centrify DirectControl for Web on the machine.
- b) copy  
/usr/share/centrifydc/java/web/lib/weblogic/centrifydc\_weblogic\_providers\_9.1.jar  
to the WEBLOGIC\_HOME/server/lib/mbeantypes directory.

5) From a browser go to the weblogic admin console, for example,  
<http://weblogicadmin.mydomain.com:7001/console>

6) Go to the managed server's "Server Start" configuration, and add the following jars to the class path parameter:

```
<JDK_HOME>/lib/tools.jar:/usr/share/centrifydc/java/lib/weblogic:/usr/share/centrifydc/java/lib/ext/commons-
```

logging.jar:/usr/share/centrifydc/java/lib/weblogic/centrifydc\_weblogic\_base\_9.1.jar:/usr/share/centrifydc/java/lib/centrifydc\_common.jar:/usr/share/centrifydc/java/lib/centrifydc\_japi.jar

7) When starting the node manager for the managed server, set LD\_LIBRARY\_PATH to contain /usr/share/centrifydc/java/lib (or /usr/share/centrifydc/java/lib64 if JDK is 64bit). For example,

```
export PATH=/usr/share/centrifydc/java/lib:$PATH
export LD_LIBRARY_PATH=/usr/share/centrifydc/java/lib:$LD_LIBRARY_PATH
./startNodeManager.sh
```

8) If failover is desired for the web application, add the following to the application's WEB-INF/weblogic.xml file.

```
<session-descriptor>
  <session-param>
    <param-name>PersistentStoreType</param-name>
    <param-value>replicated</param-value>
  </session-param>
</session-descriptor>
```