

Liquidity Management Application Setup  
Oracle Banking Liquidity Management  
Release 12.4.0.0.0  
[April] [2017]



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# Table of Contents

|           |   |             |
|-----------|---|-------------|
| <b>1.</b> | <b>WEBLOGIC DOMAIN SERVER CONFIGURATION.....</b>                      | <b>1-1</b>  |
| 1.1       | INTRODUCTION.....   | 1-1         |
| 1.2       | STEPS TO BE FOLLOWED FOR WEBLOGIC DOMAIN SERVER.....                  | 1-1         |
| <b>2.</b> | <b>LIQUIDITY MANAGEMENT APPLICATION CONFIGURATION.....</b>            | <b>2-10</b> |
| 2.1       | INTRODUCTION.....   | 2-10        |
| 2.2       | STEPS TO BE FOLLOWED FOR CONFIGURATION OF ADMINISTRATIVE CONSOLE..... | 2-10        |
| 2.2.1     | <i>Create Managed Server.....</i>                                     | <i>2-11</i> |
| 2.2.2     | <i>Create Machine.....</i>  | <i>2-13</i> |
| 2.2.3     | <i>Create Data Source.....</i>  | <i>2-15</i> |
| 2.2.4     | <i>Create JMS Server.....</i>   | <i>2-20</i> |
| 2.2.5     | <i>Build Liquidity Managements Executable Files.....</i>              | <i>2-32</i> |
| 2.2.6     | <i>Deploy Liquidity Management Executable Files.....</i>              | <i>2-36</i> |
| 2.2.7     | <i>Application User Creation.....</i>                                 | <i>2-48</i> |
| 2.2.8     | <i>Configure SSL.....</i>   | <i>2-48</i> |
| 2.2.9     | <i>Test Liquidity Management Application.....</i>                     | <i>2-49</i> |

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# 1. Weblogic Domain Server Configuration

## 1.1 Introduction

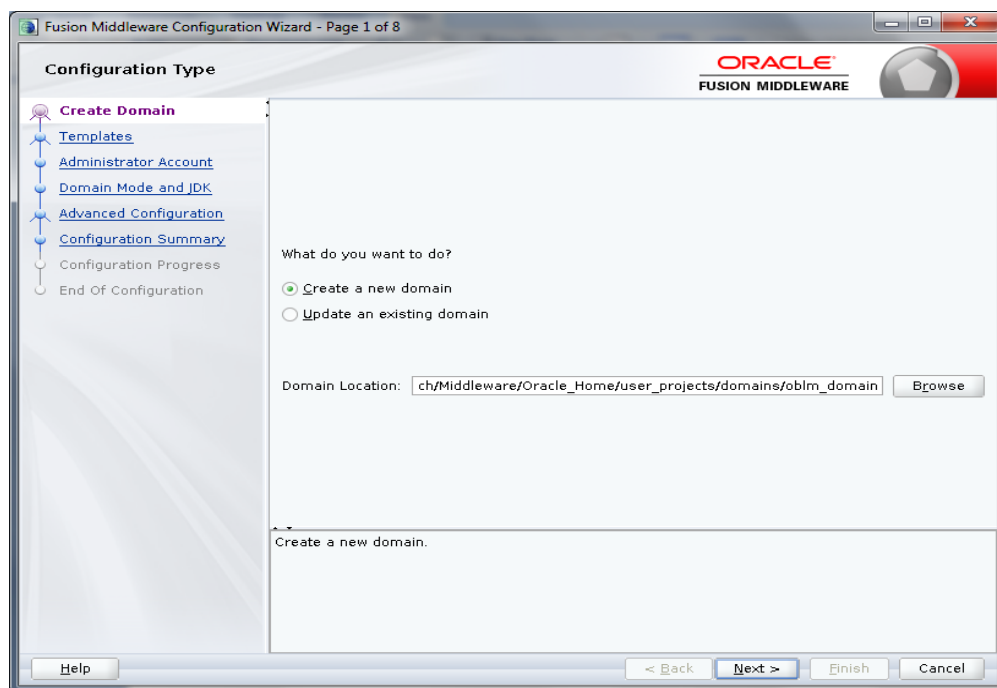
This chapter details out the configuration of Oracle Weblogic Domain server.

**Prerequisite:** Weblogic Server should be installed.

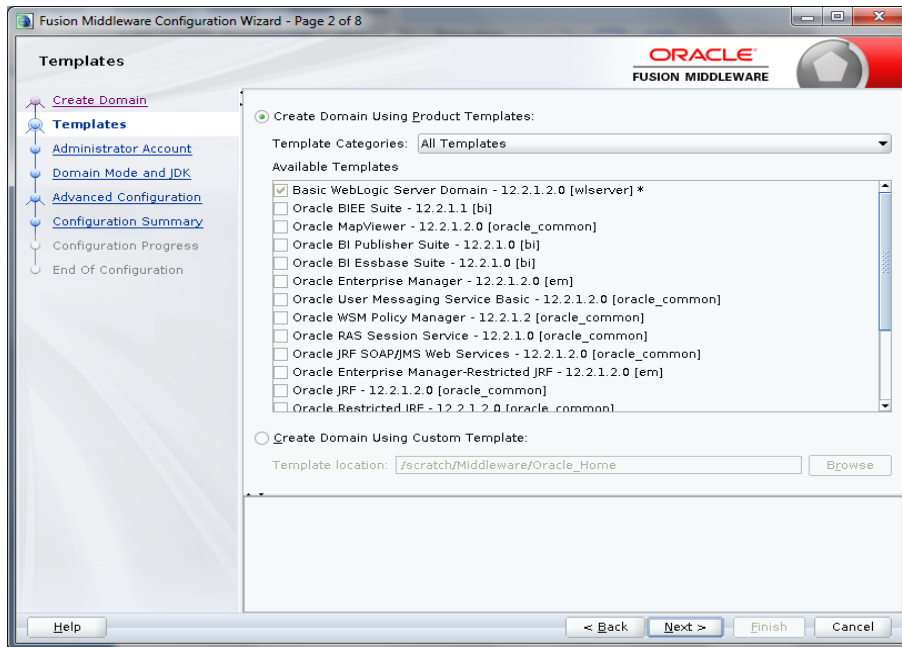
## 1.2 Steps to be followed for Weblogic Domain Server

To create a new domain

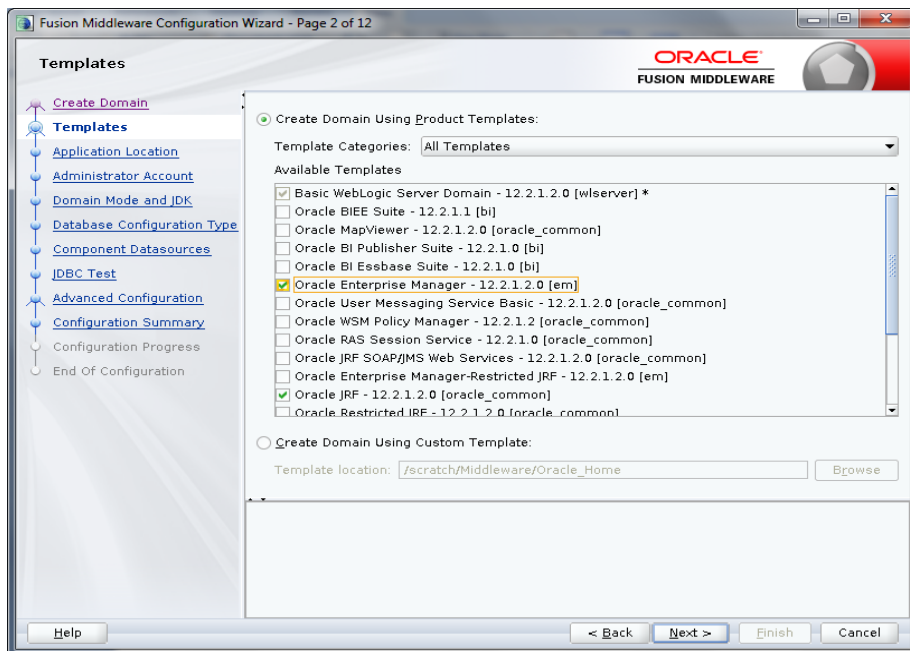
1. Open any Linux client e.g. Putty
2. Go to Oracle Home path where Weblogic server is installed Eg.  
/scratch/Middleware/Oracle\_Home/oracle\_common/common/bin
3. Now Execute config.sh,
4. Following Screen should appear, Click on **Create Domain** and select Create a new domain e.g. *oblm\_domain* and Next.



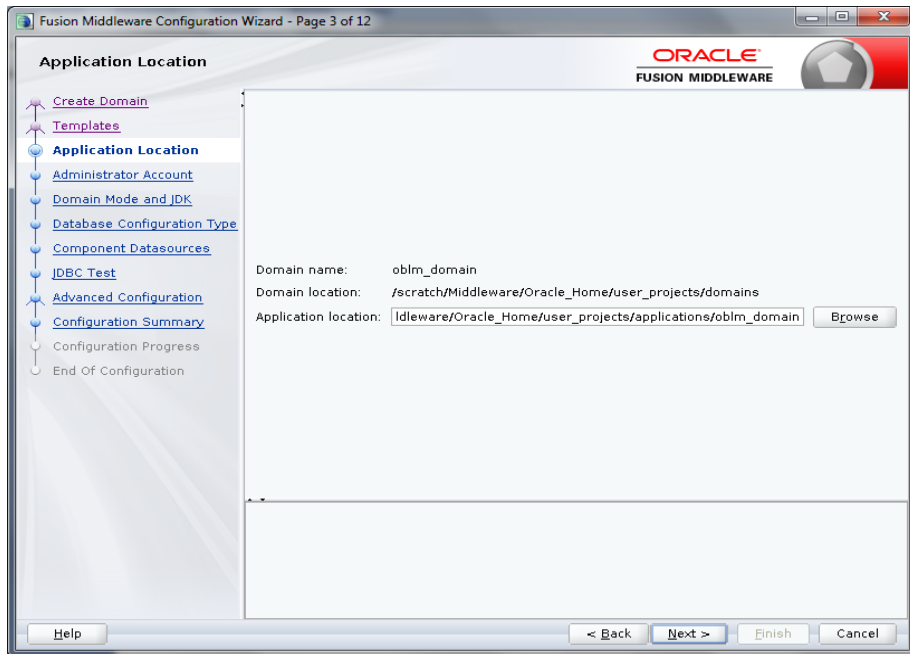
5. Below Screen will appear



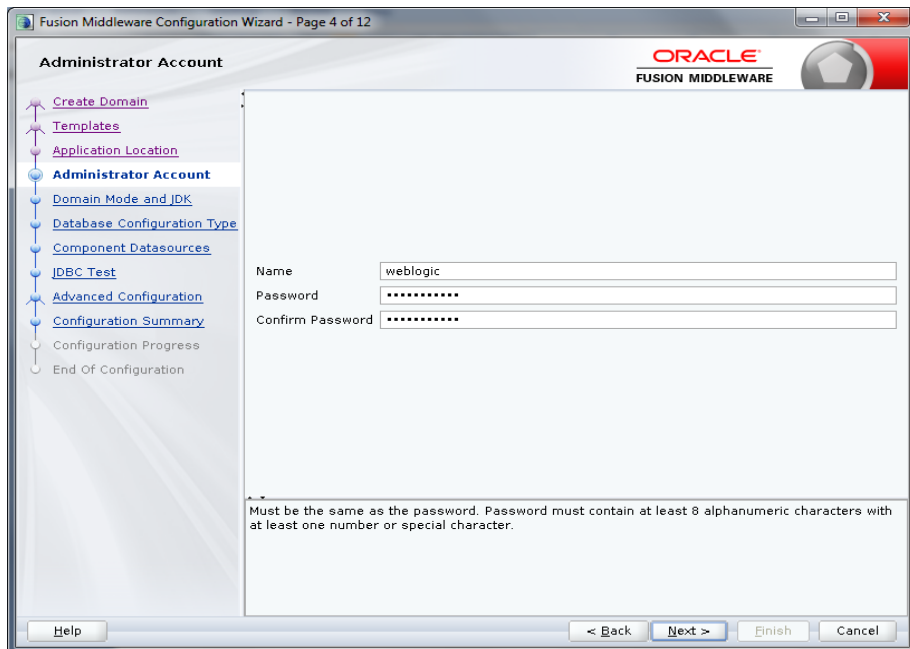
6. By default **Basic Weblogic Server Domain** are enabled. Additionally, Choose **Oracle Enterprise Manager - 12.2.1.2.0 [em]**, this in turn will choose **Oracle JRF - 12.2.1.2.0[oracle\_common]** and **Weblogic Coherence Cluster Extension – 12.2.1.2.0 [wlserver]** and click **Next**.



7. Following Screen will appear, Review it and Click **Next**.

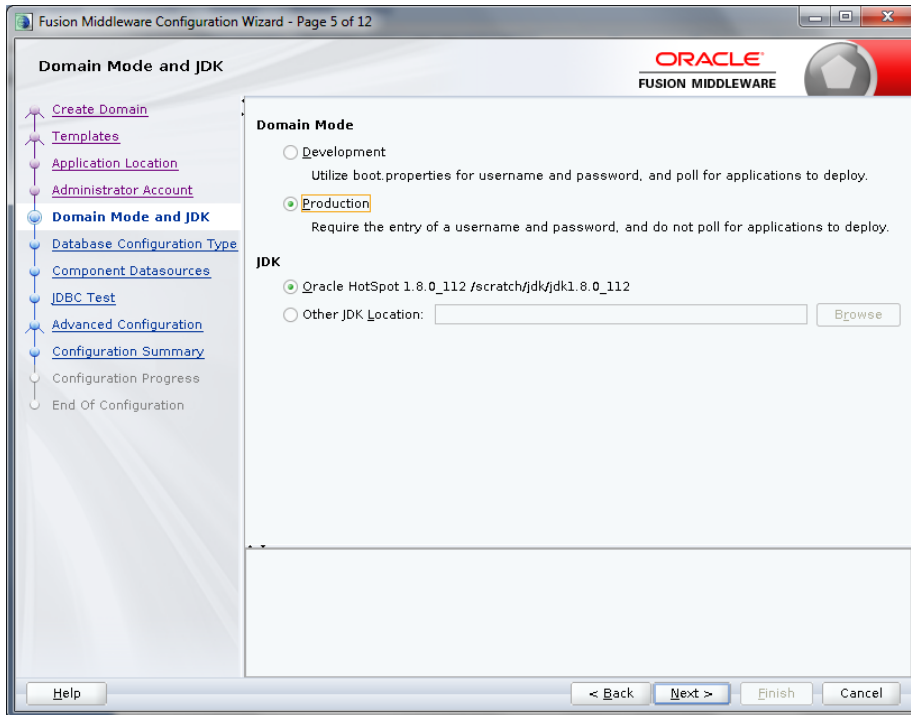


8. In Administrator Account screen enter 'weblogic' in Name box. Enter and confirm any suitable password and confirm password for Weblogic and click **Next**. **Please remember this User Name and Password as these will be used in many places.**

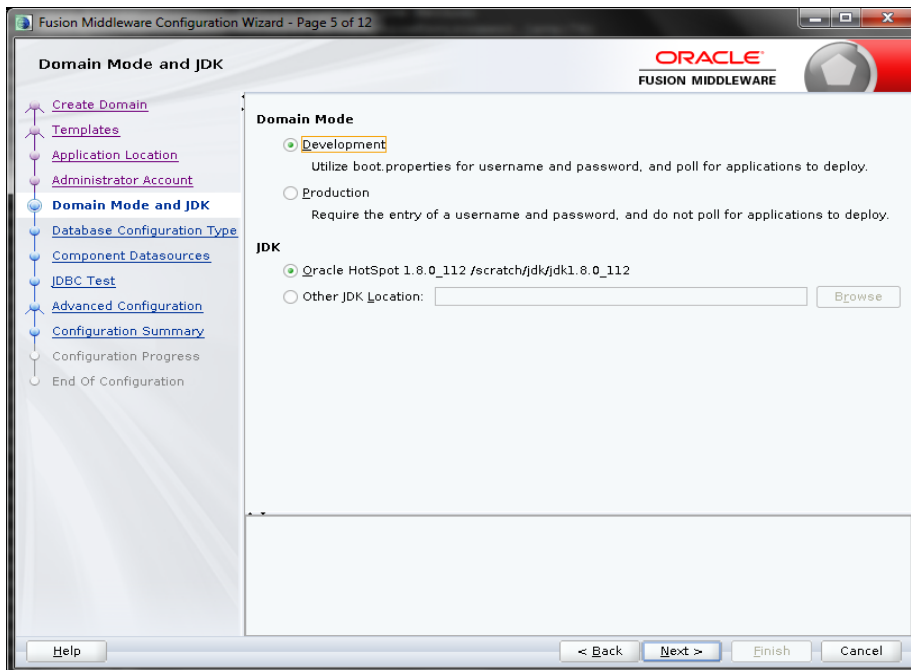


9. Domain Mode and JDK screen will appear, Now choose either the Development Mode or Production Mode.

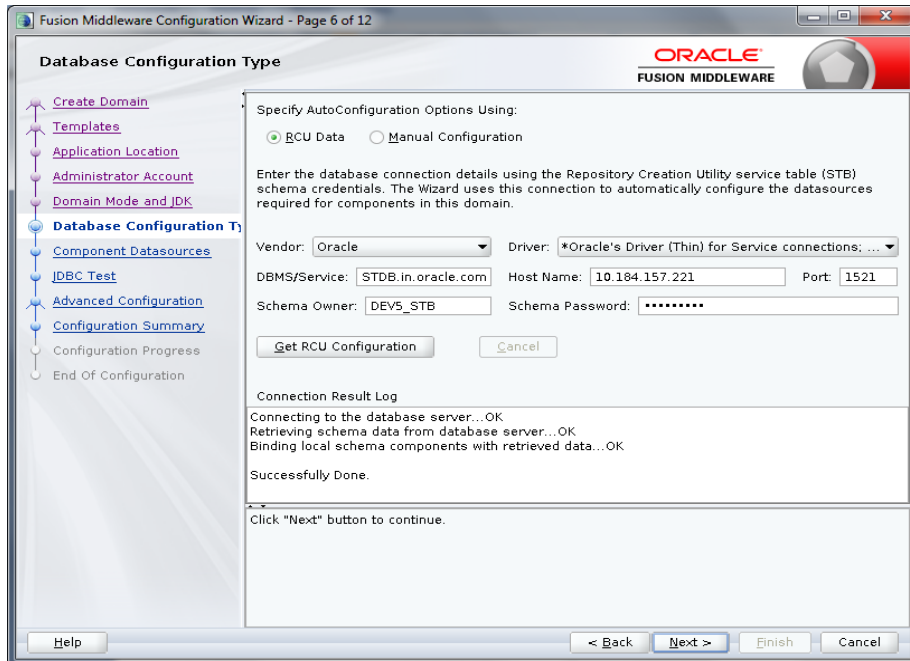
While choosing Production Mode, select production under **Domain Mode**



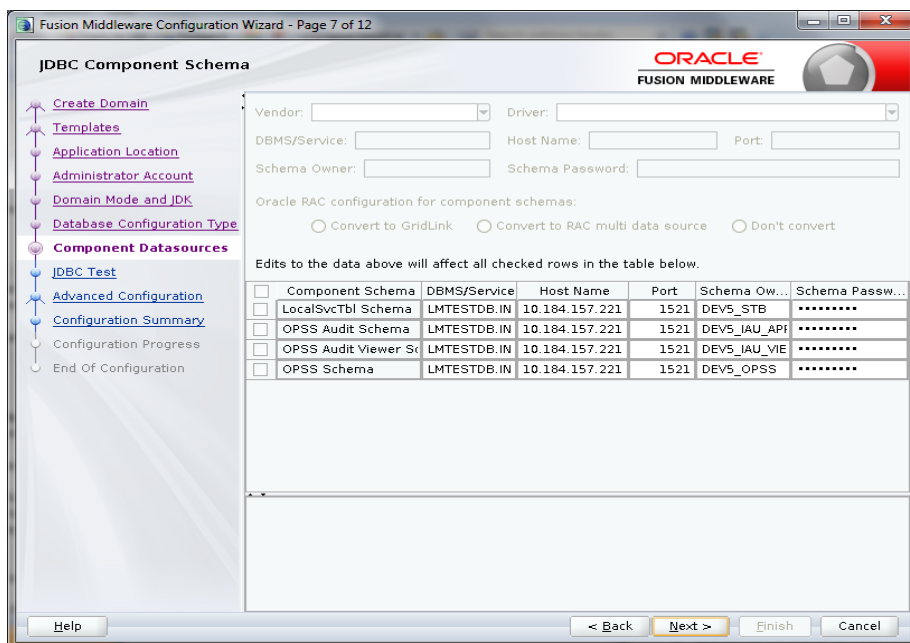
While choosing Development Mode, select Development under **Domain Mode**.



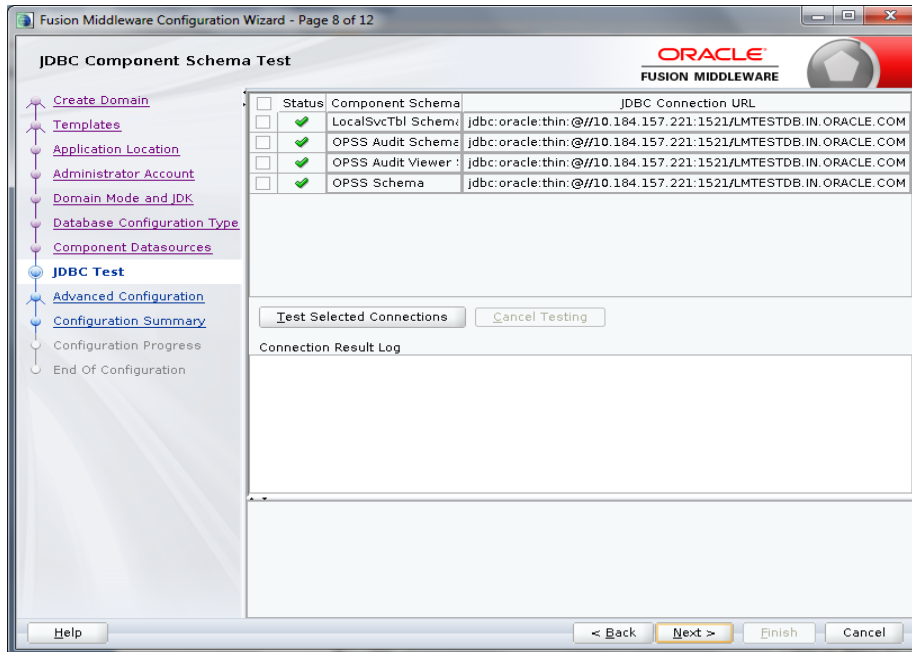
10. Database Configuration Type Screen will appear, Select **RCU Data**. Give the RCU (Repository Creation Utility) Details that you have created already. **If not created use the Repository Creation Utility Manual and Create a Schema Owner**. Here DEV5 is the Schema Owner, suffix with \_STB it will be DEV5\_STB as Schema Owner. Click on **Get RCU Configuration**, if successfully done move to **Next Step**.



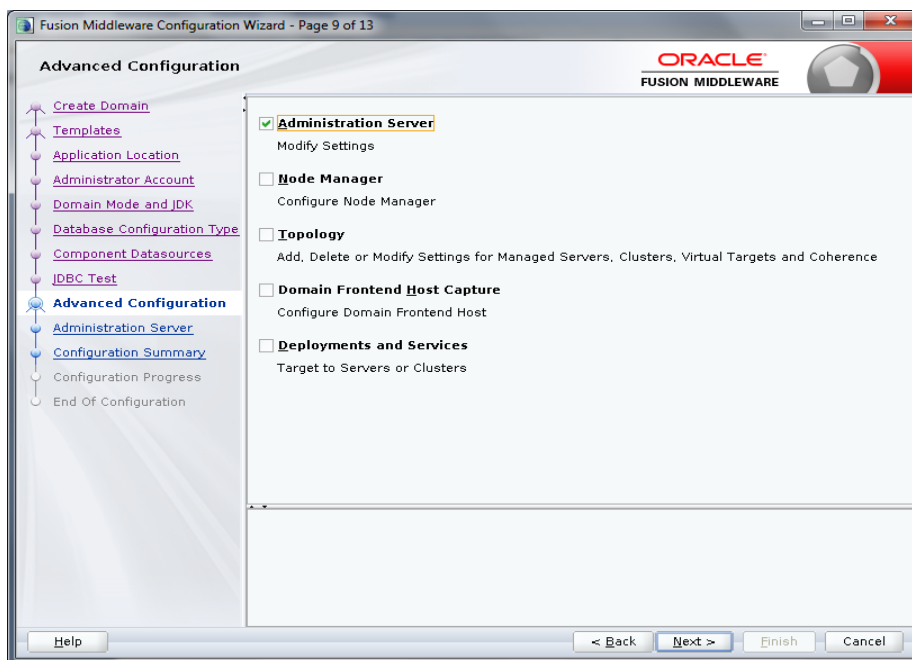
11. Now Component Data Sources screen will appear. Following data will appear on the screen. Following data will appear on the screen. Click **Next**.



12. JDBC Test screen will appear. Following data will appear on the screen, review it. Click **Next**.



13. Advanced Configuration screen will appear. Tick in front of Administration Server and click on **Next**.





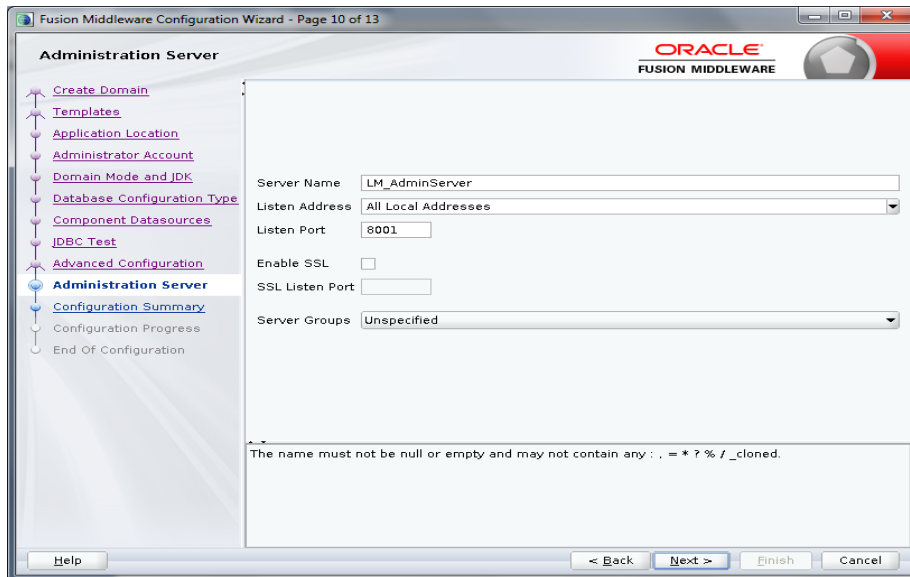
14. Administration Server screen will appear. Give the following details in the screen.

Server Name: LM\_AdminServer

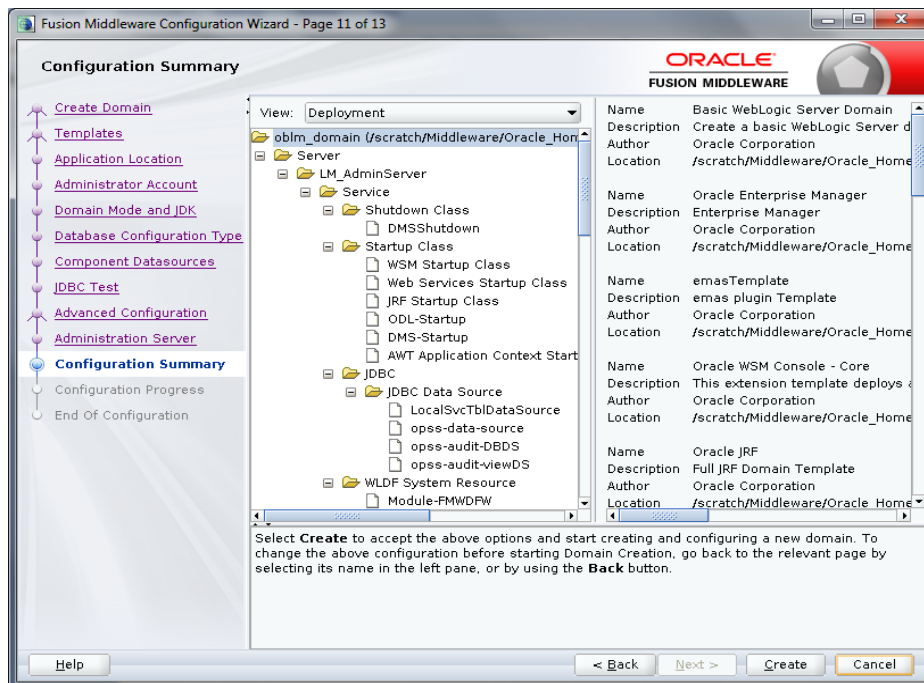
Listen Address: Select 'All Local Addresses'

Listen Port: 8001

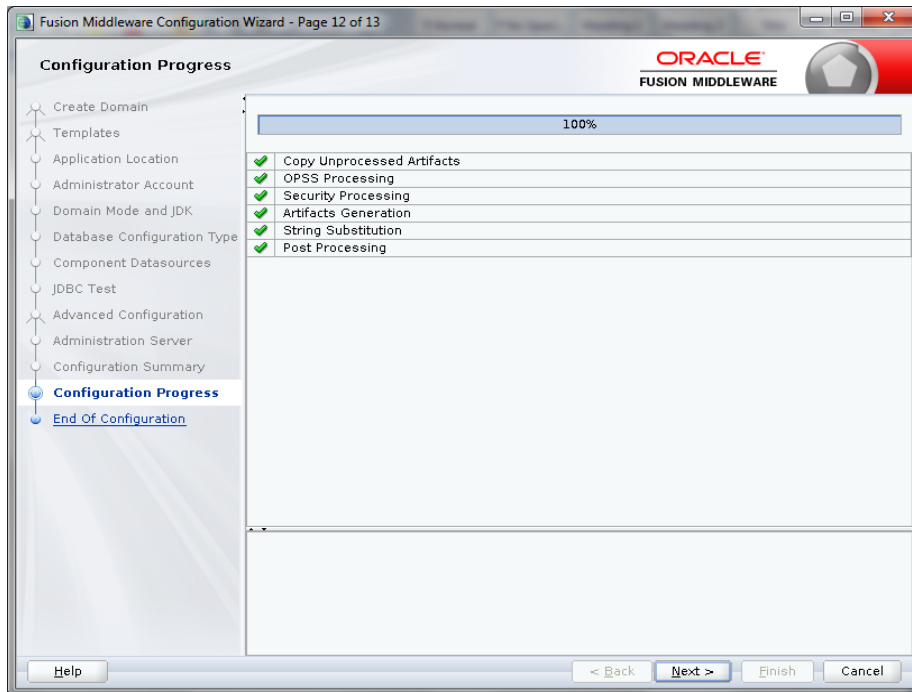
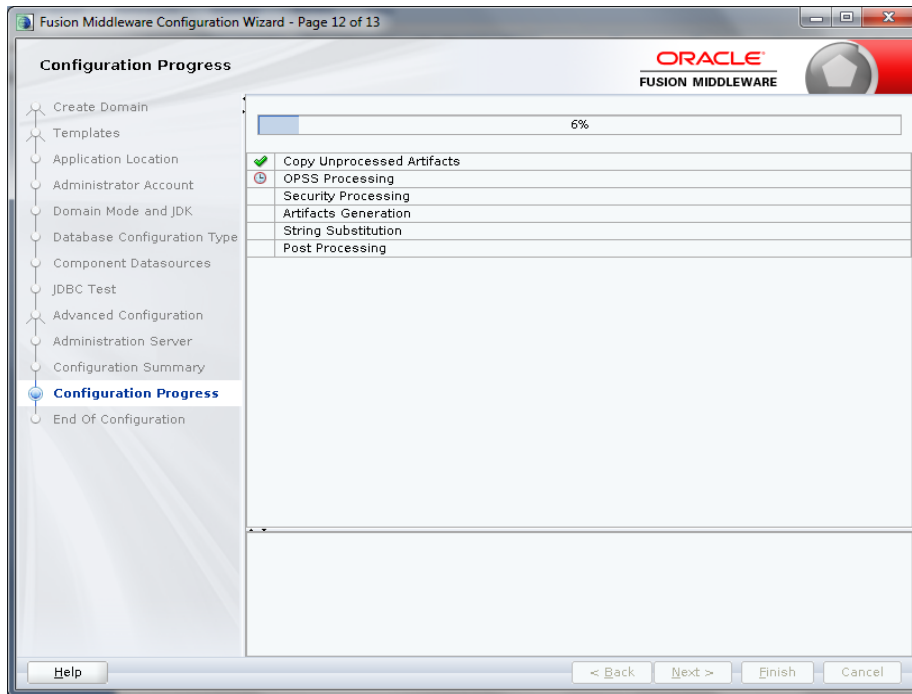
Server Groups: unspecified



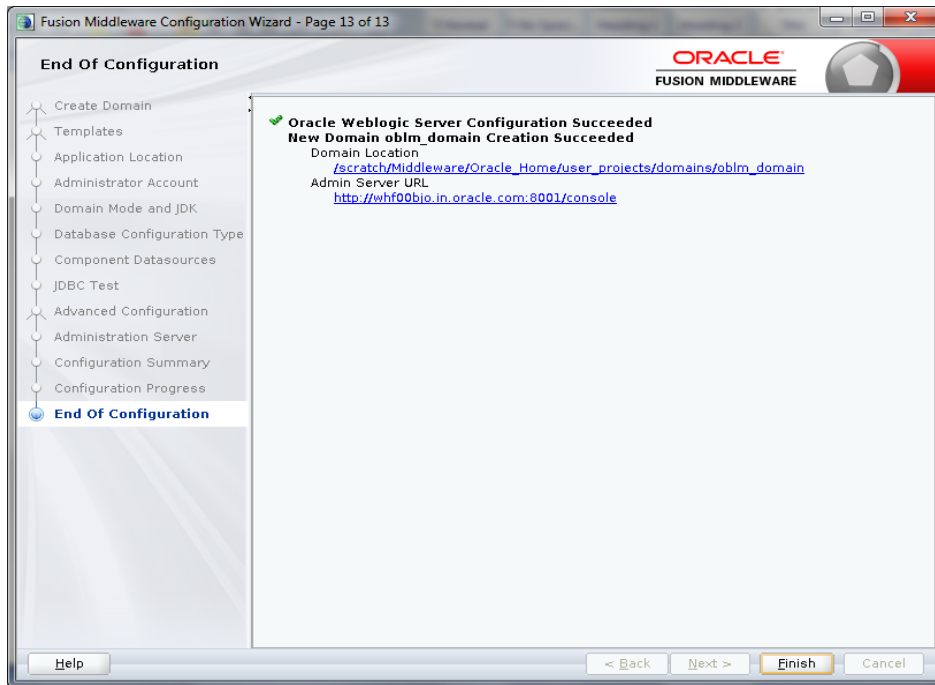
15. Configuration Summary screen will appear. Review and click **Create**.



16. Now the following screens will come



17. End of configuration screen will come and click **finish**.



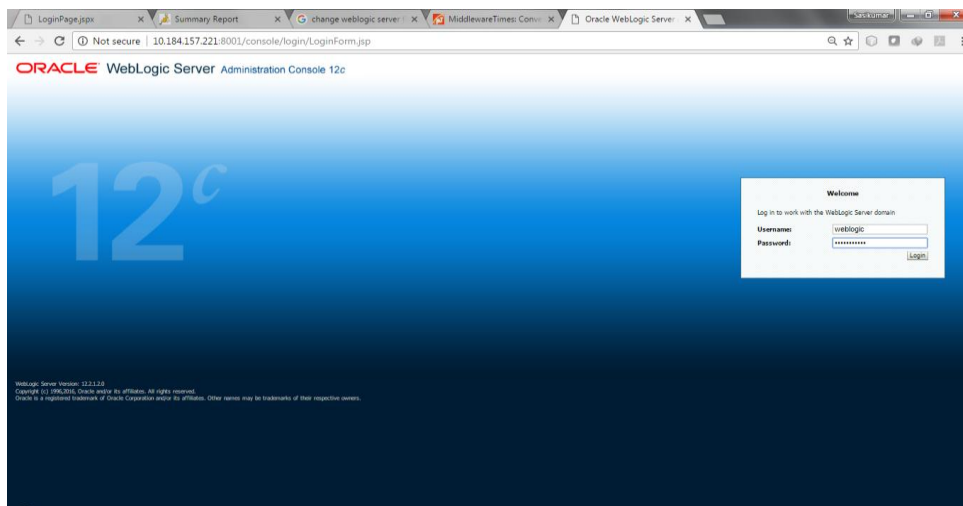
## 2. Liquidity Management Application Configuration

### 2.1 Introduction

In this part basically, we will do configuration of Weblogic Administrative console.

### 2.2 Steps to be followed for configuration of Administrative console

1. Give the credential in the console page that you have set in Administrator Account screen.



2. Now we can see home screen. In home screen in the left side you will find Domain Structure column. Go to Environment and click on sever under that.

| Name               | Type       | Cluster | Machine | State   | Health | Listen Port |
|--------------------|------------|---------|---------|---------|--------|-------------|
| AdminServer(admin) | Configured |         |         | RUNNING | OK     | 8001        |

## 2.2.1 Create Managed Server

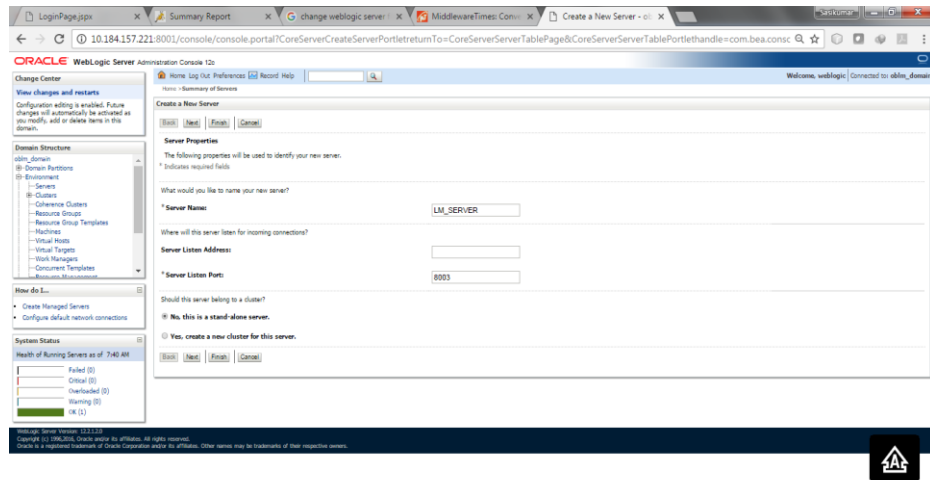
1. Click on **New** to create a new server.

Enter the following details.

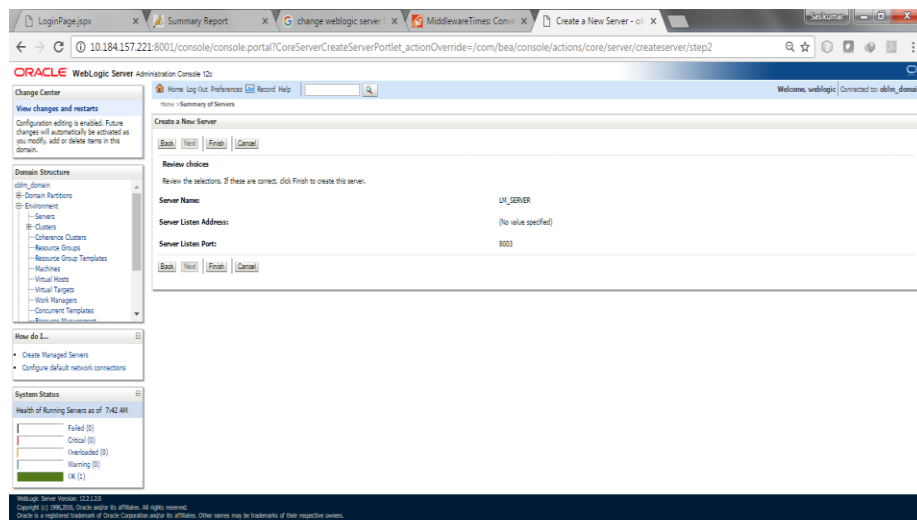
Server Name : LM\_SERVER

Server Listen Port: 8003

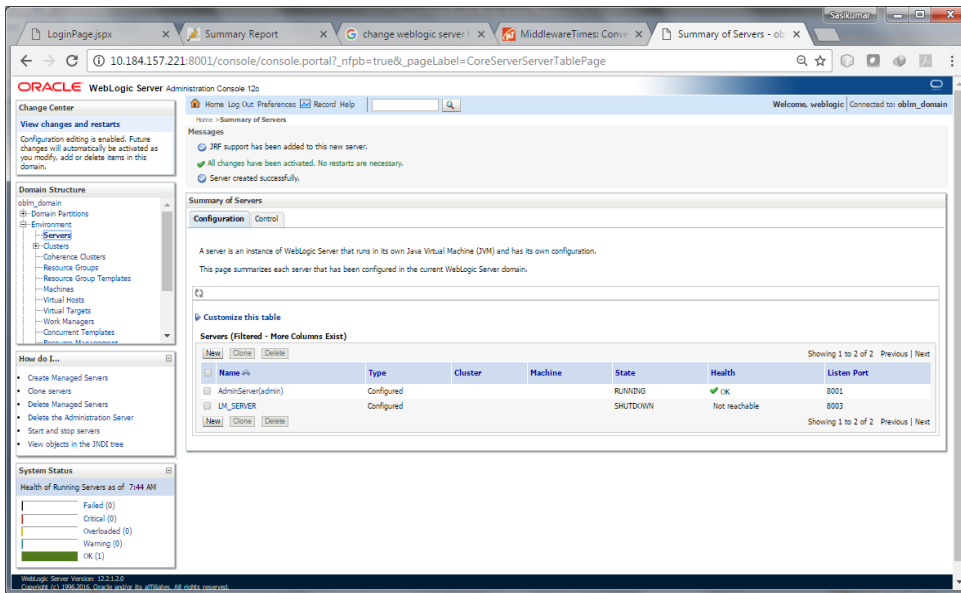
Leave other fields as it is.



2. Click Next. The following screen will come.

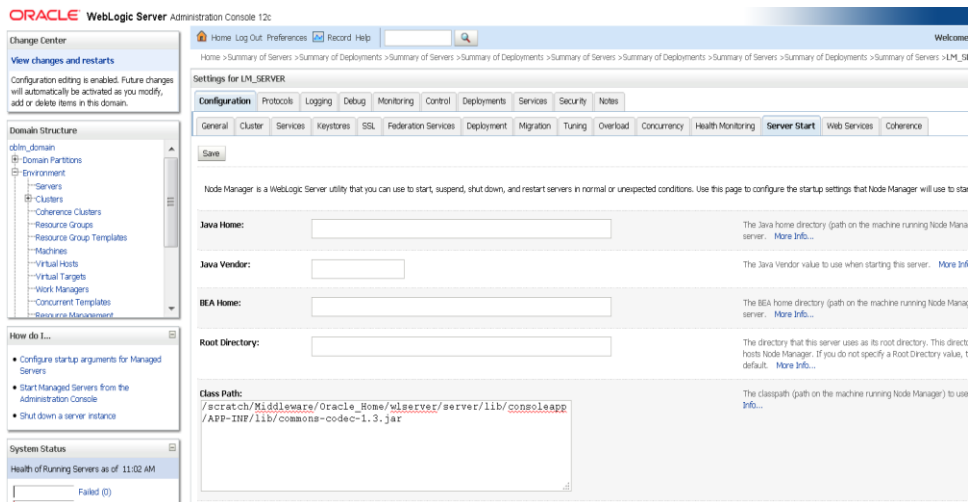


3. Click on **finish**. The following screen will come.



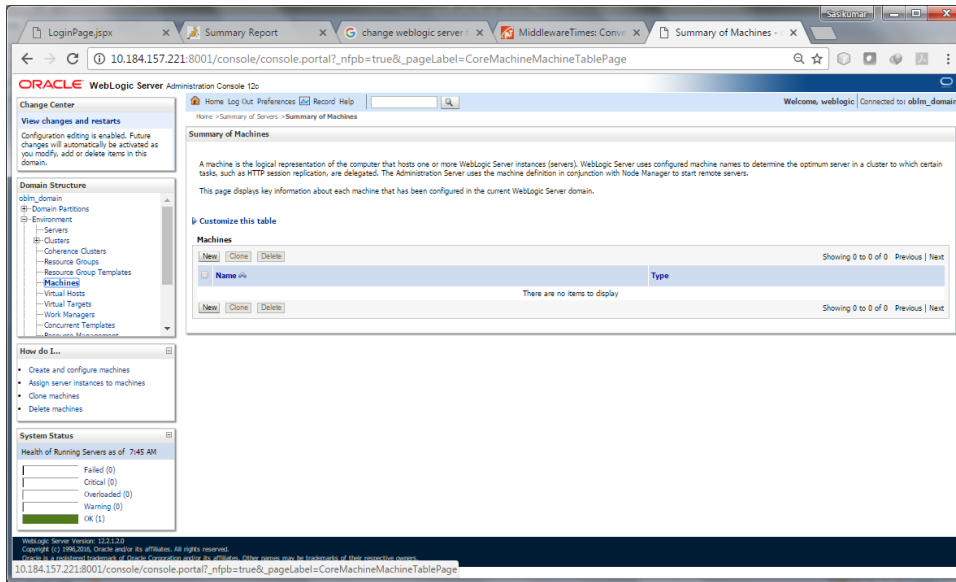
4. Click LM\_SERVER, Under **Configuration** click the **Server Start** Menu,

In **Class Path** field add the following Jar path /<<weblogic home>>/wlsrver/server/lib/consoleapp/APP-INF/lib/commons-codec-1.3.jar



## 2.2.2 Create Machine

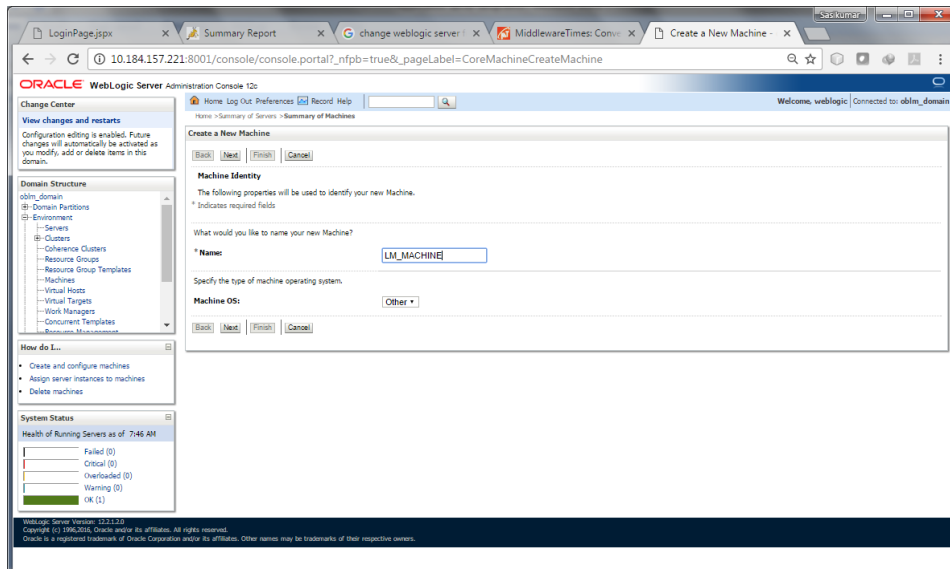
1. Under **Environment** click on **Machine** then following screen will come. Click on **New**.



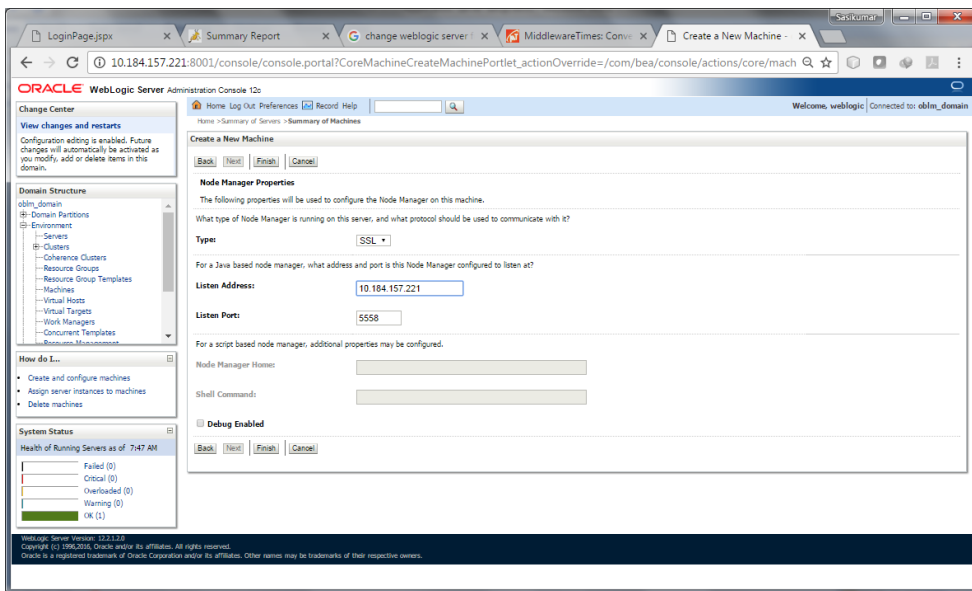
2. Give the following details.

Name: **LM\_MACHINE**

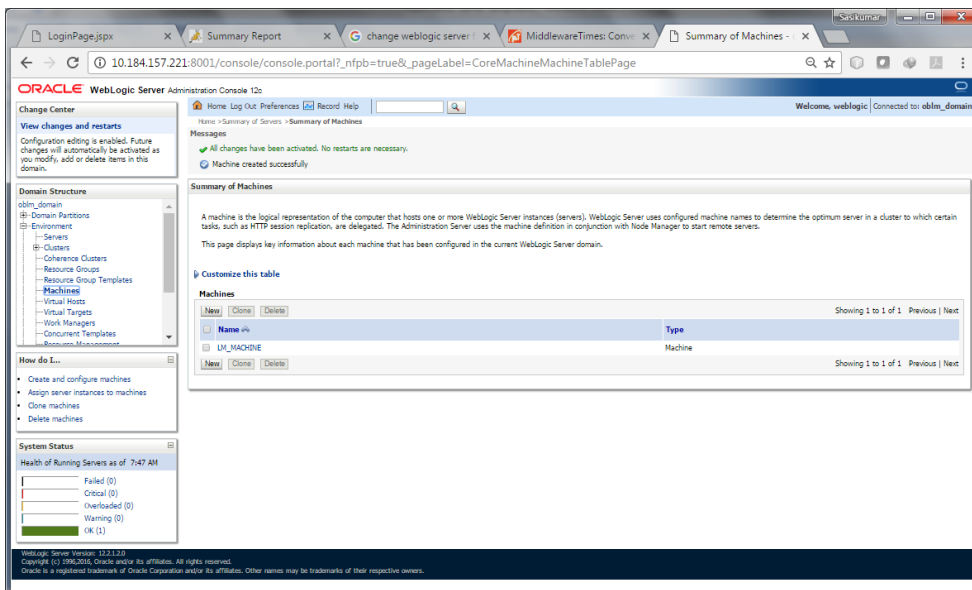
Machine OS: **others**



### 3. Click on Next.

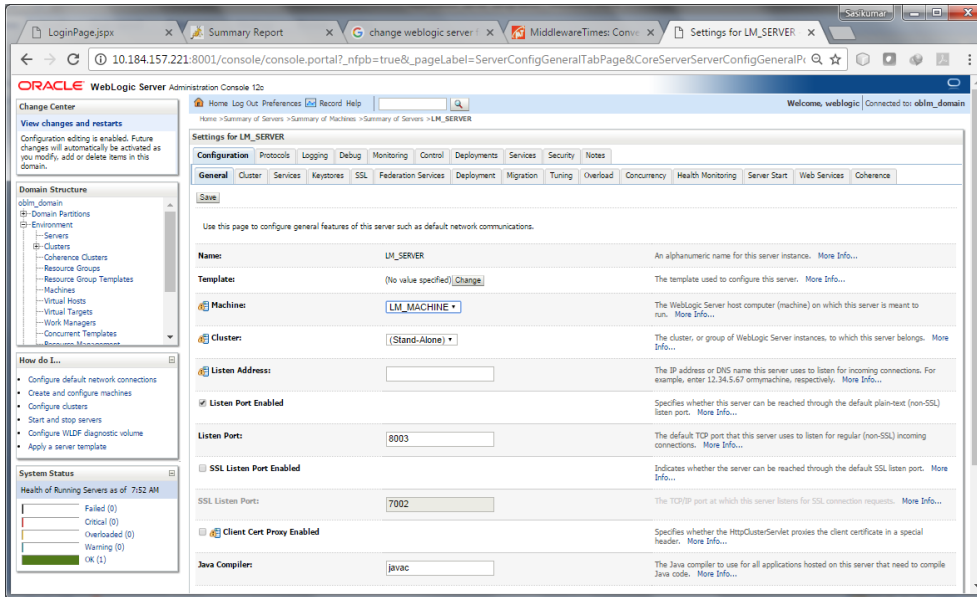


### 4. LM\_Machine is created





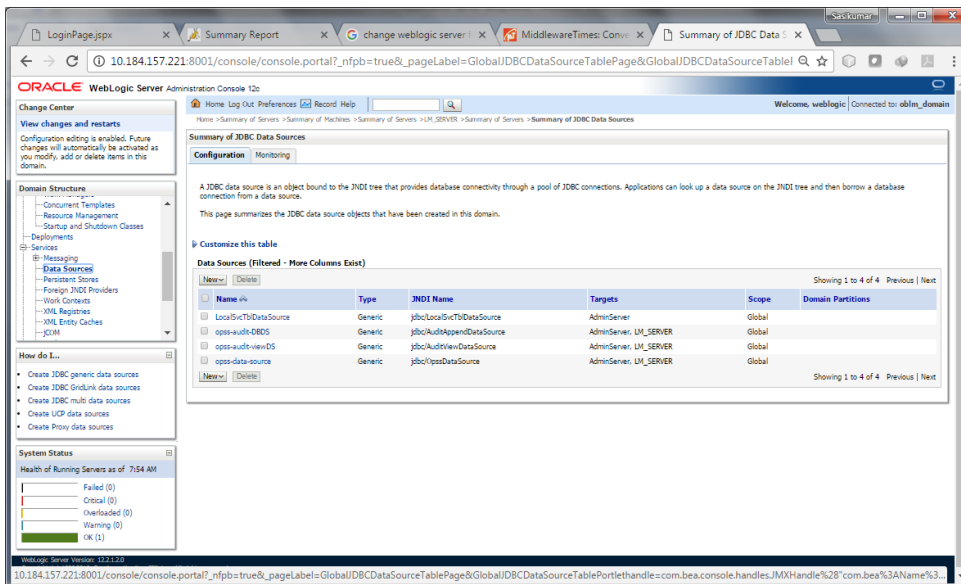
## 5. Map LM\_SERVER to LM\_MACHINE



## 2.2.3 Create Data Source

### 2.2.3.1 Create LM Data source

1. Click on the Data Sources under Services

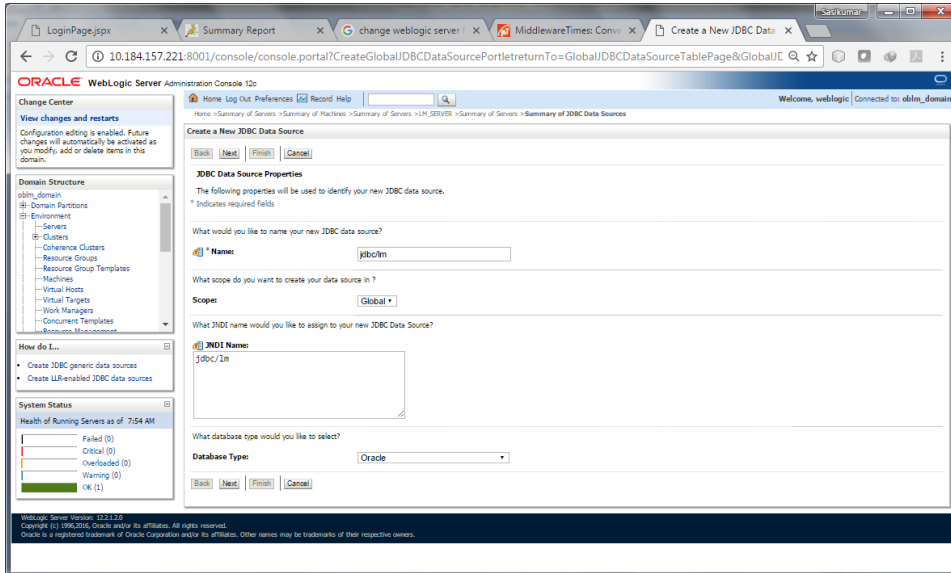


2. Create a new Data Source and give the below details

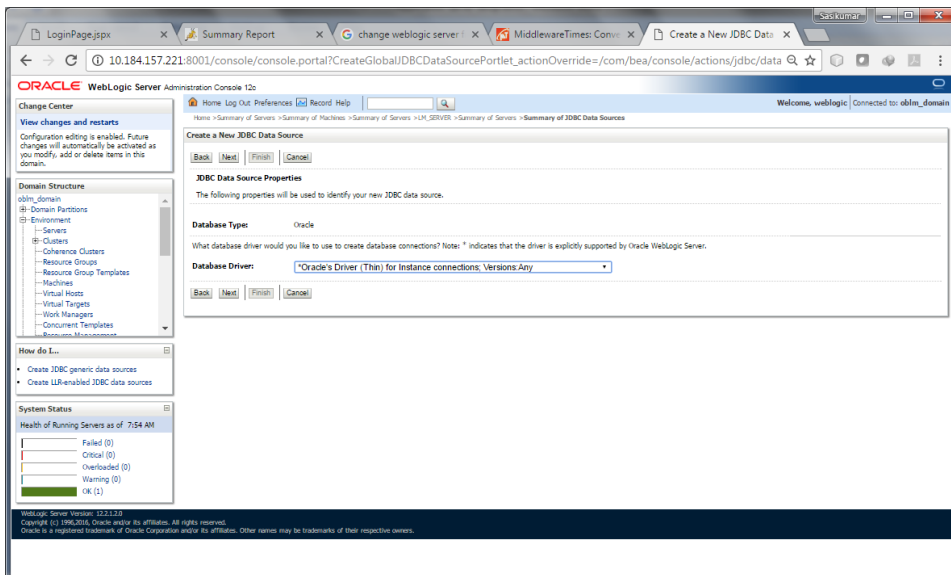
Give the JDBC Data Source Properties

- Name: jdbc/Im (Same name has to be maintained)
- Scope: Global
- JNDI Name: jdbc/Im (Same name has to be maintained)
- Database Type: Oracle

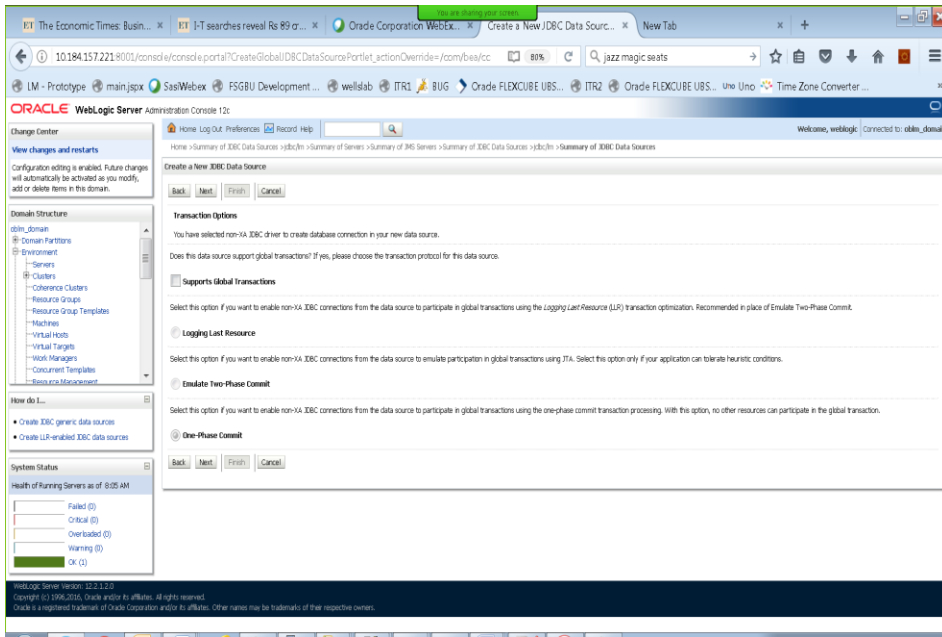
**Note:** Since all the **persistance.xml** and **fcubs.properties** files are referring to the above mentioned JNDI Name, It is recommended not to use any other JNDI Name.



3. Choose Database Driver as Oracle's Driver (Thin) for instance Connections; Version: Any

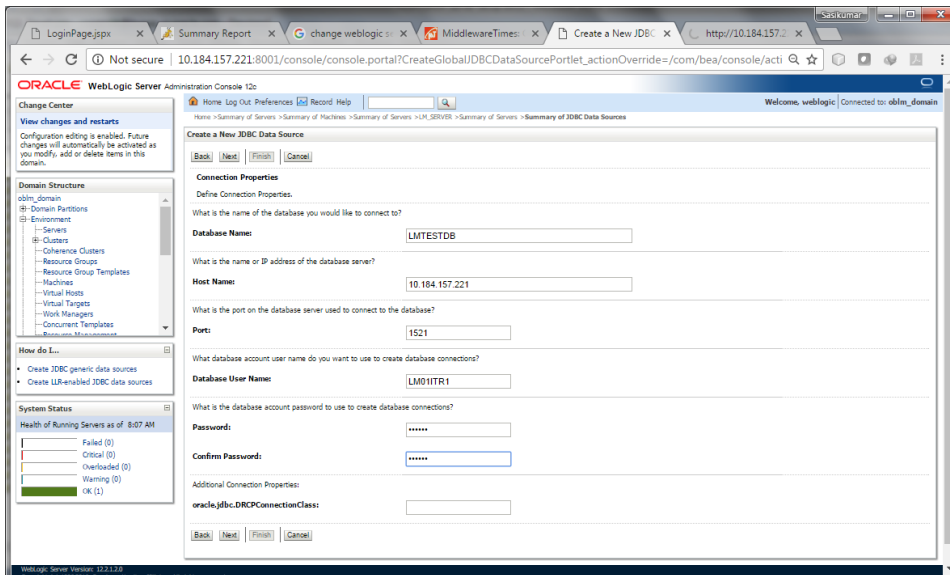


#### 4. Un-check **Supports global transactions**

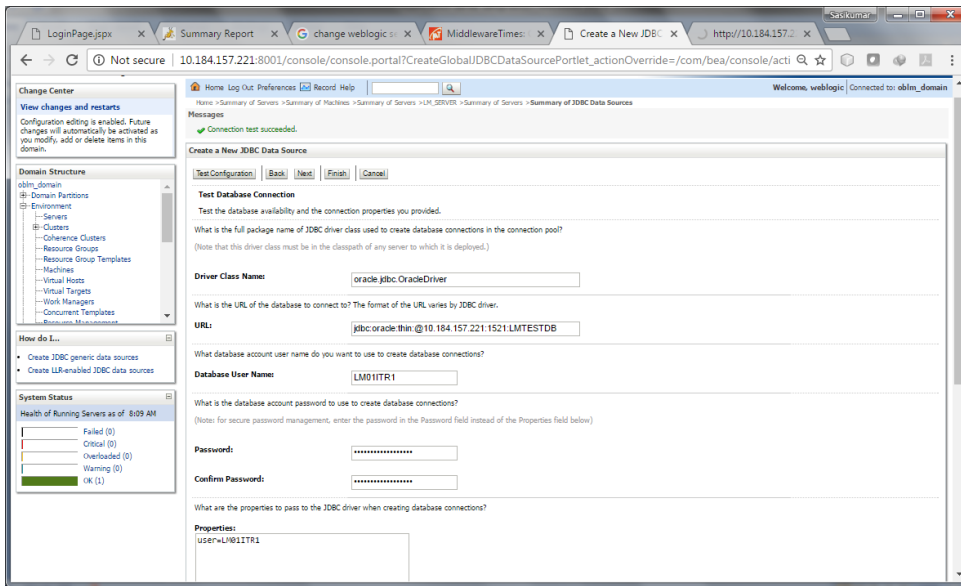


#### 5. Give the **Connection Properties**, Example below

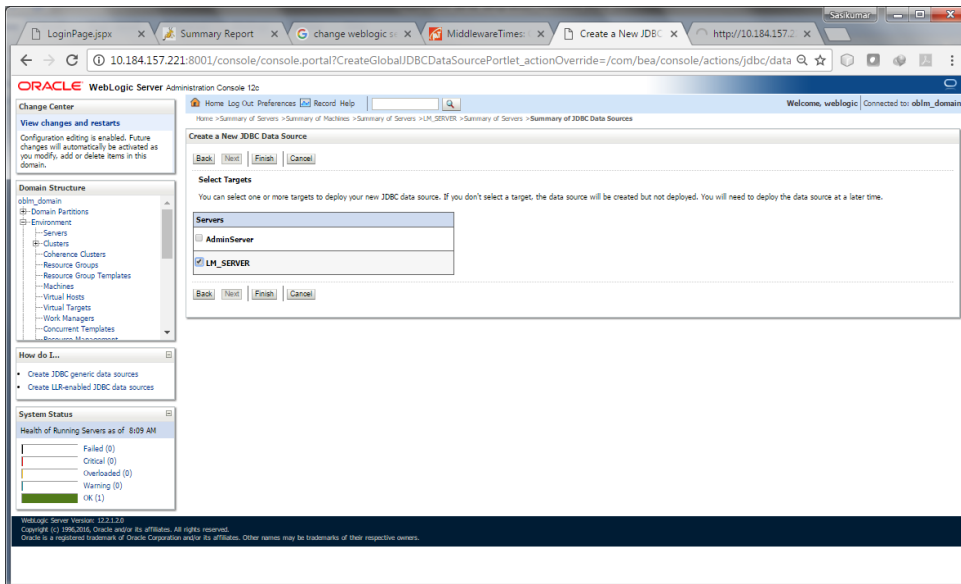
Database Name: **LMTESTDB**  
Host Name: **10.184.157.221**  
Port: **1521**  
Database User Name: **LM01ITR1**  
Password: **LMDB**

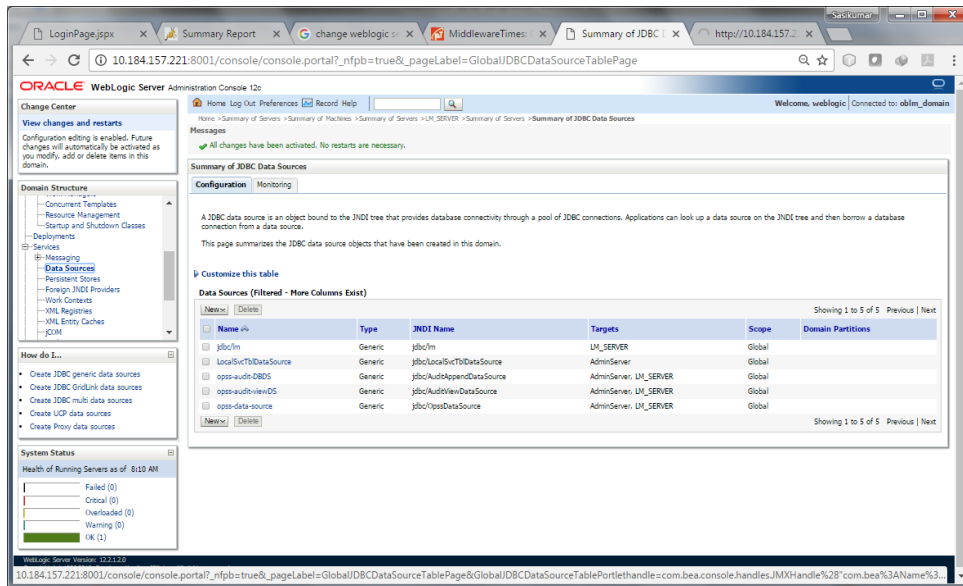


6. Test Database Connection by clicking the **Test Configuration** button.



7. Click **Next** and Choose the **Target Server** and Click **Finish** button.





### 2.2.3.2 Create FLEXCUBE DDA data source

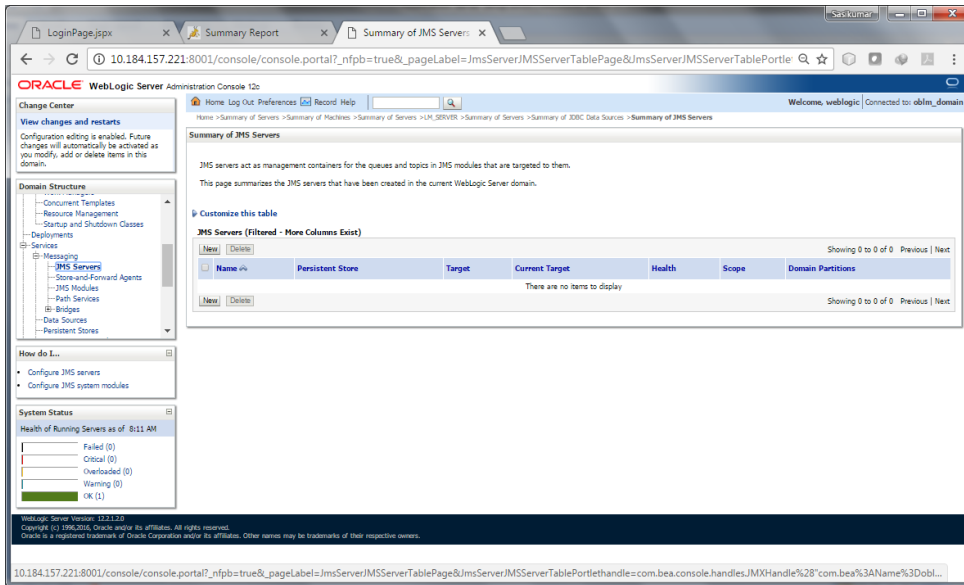
1. Create a new Data Source as mentioned in above section using below details.

Give the JDBC Data Source Properties

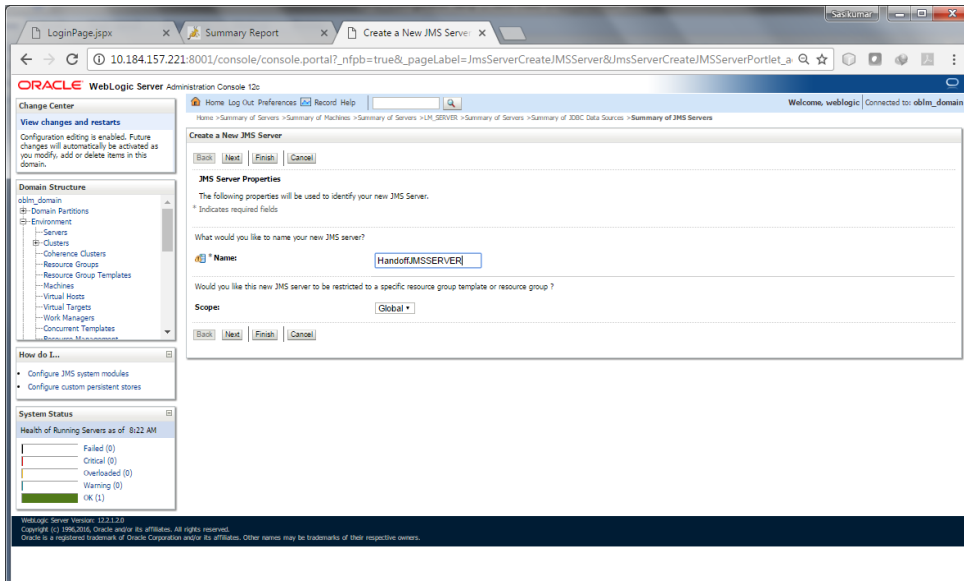
Name: **jdbc/fcjddevDS**  
 Scope: **Global**  
 JNDI Name: **jdbc/fcjddevDS**  
 Database Type: **Oracle**

## 2.2.4 Create JMS Server

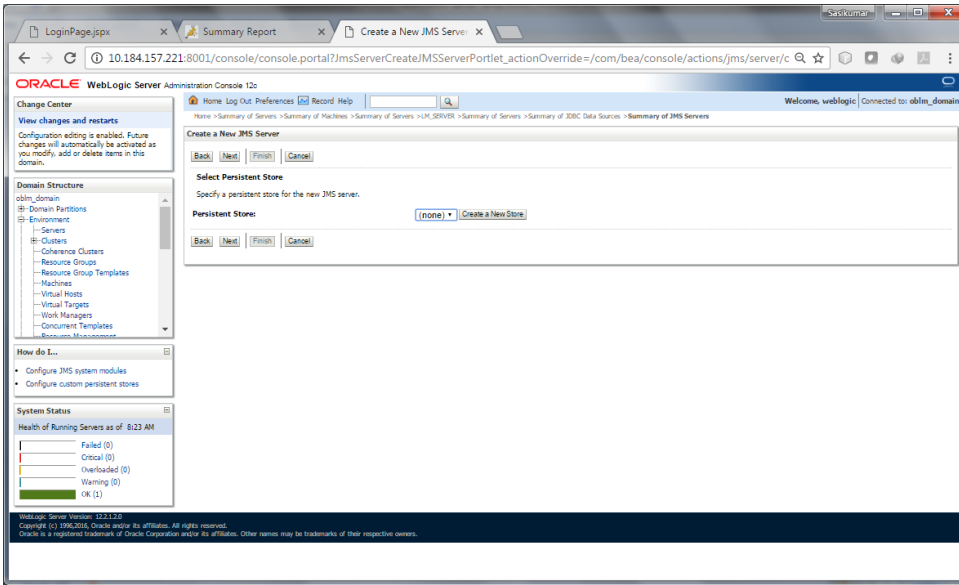
### 1. Create a New JMS Server



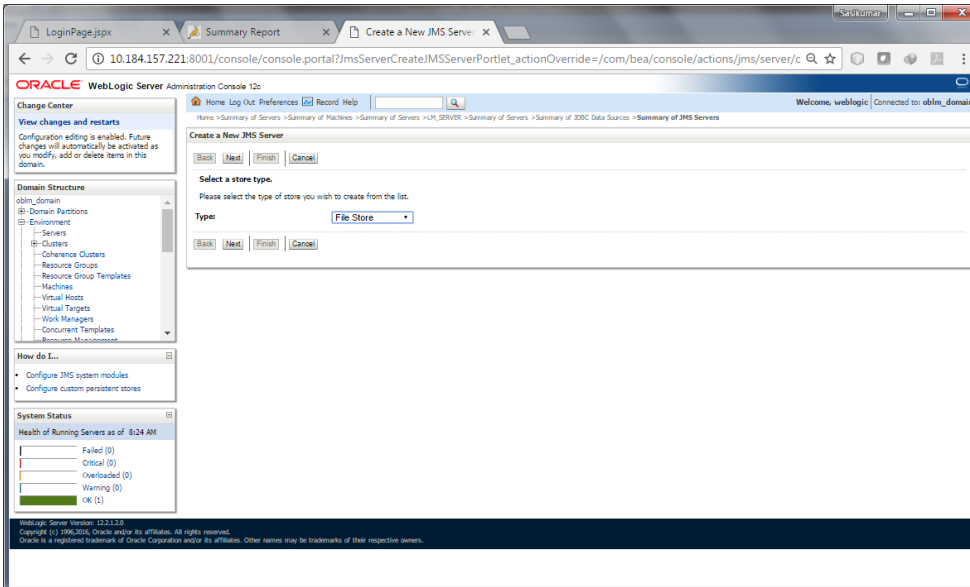
### 2. Give the JMS Server Properties as below



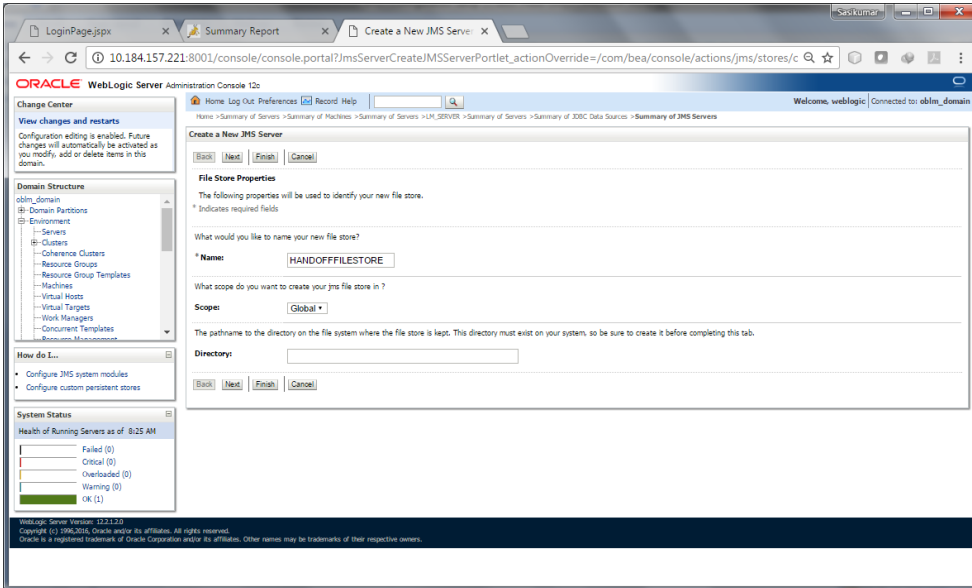
### 3. Create a New Persistent Store



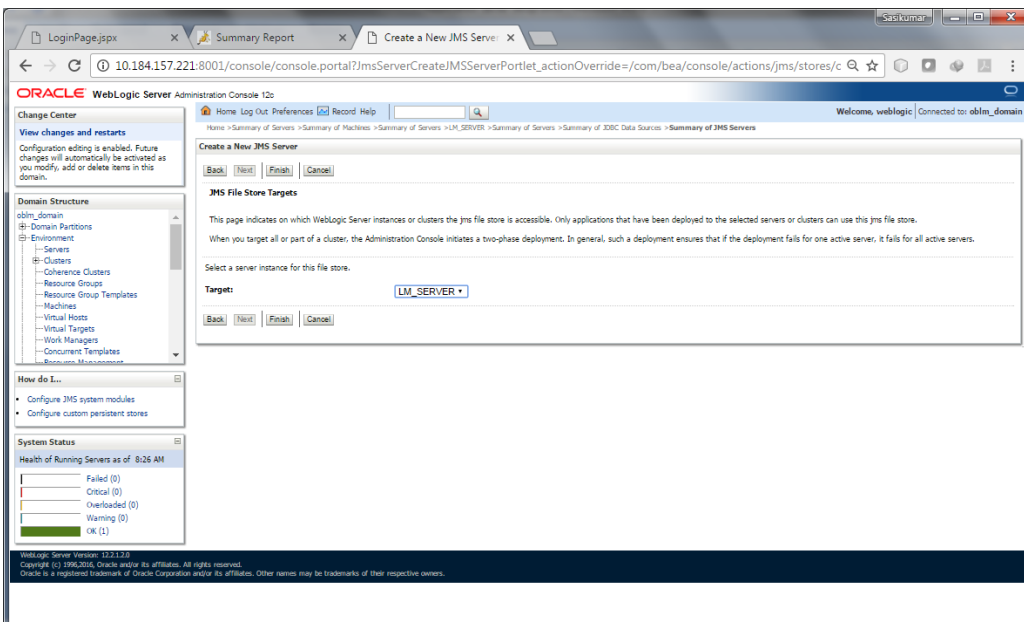
### 4. Choose File Store from the list



5. Set the **File Store Properties** as below



6. Choose the **Target** as the Server that we have created, Example: **LM\_SERVER** and Click **Finish**





## 7. JMS Server is created

The screenshot shows the Oracle WebLogic Server Administration Console. The main content area displays the 'Summary of JMS Servers' page. It includes a navigation tree on the left, a 'Change Center' section, and a 'System Status' section. The main content area contains a table of JMS Servers.

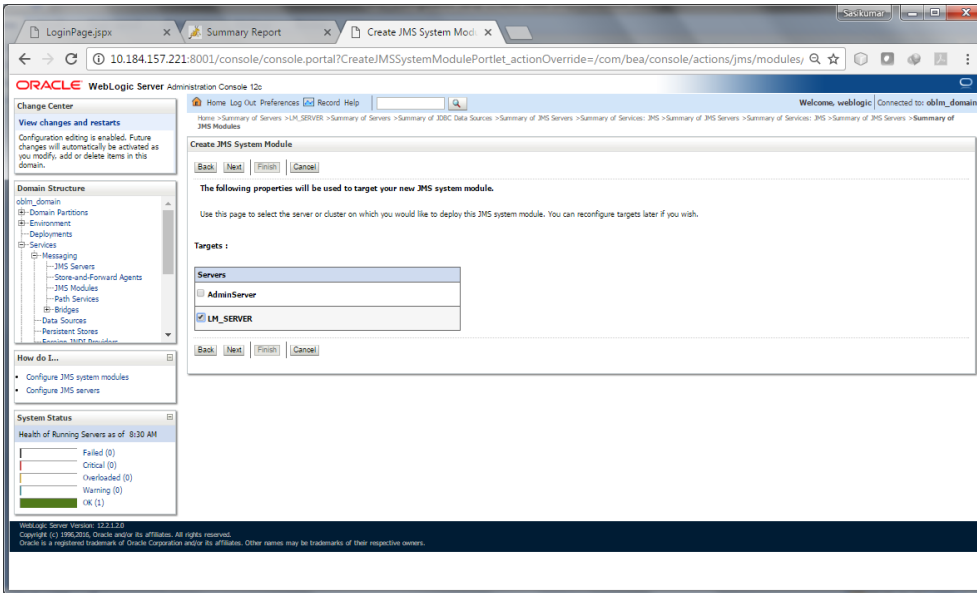
| Name            | Persistent Store | Target    | Current Target | Health | Scope  | Domain Partitions |
|-----------------|------------------|-----------|----------------|--------|--------|-------------------|
| HandoffJMSSEVER | HANDOFFFILESTORE | LM_SERVER | LM_SERVER      |        | Global |                   |

## 8. Create a New JMS Module

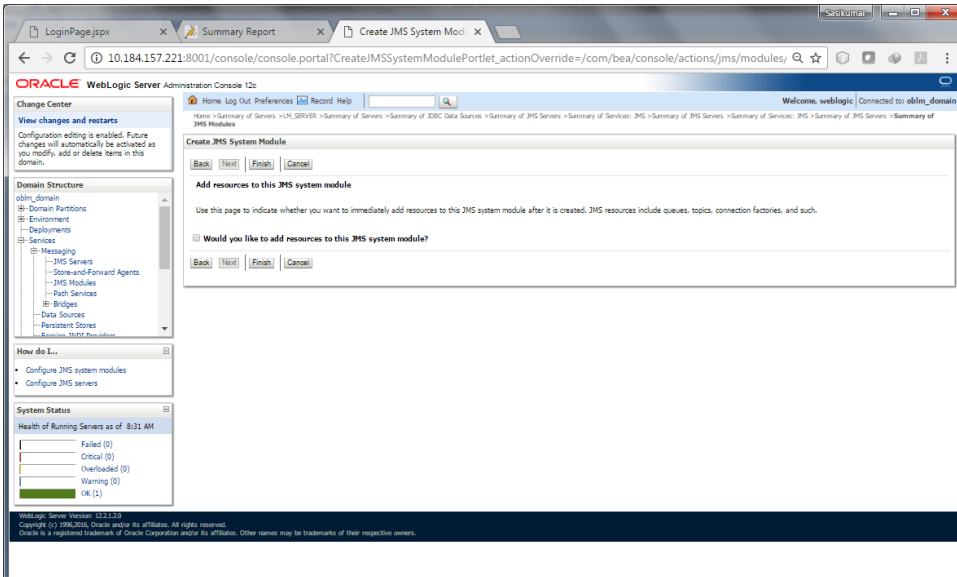
The screenshot shows the Oracle WebLogic Server Administration Console. The main content area displays the 'Summary of JMS Modules' page. It includes a navigation tree on the left, a 'Change Center' section, and a 'System Status' section. The main content area contains a table of JMS Modules.

| Name                          | Type | Scope | Domain Partitions |
|-------------------------------|------|-------|-------------------|
| There are no items to display |      |       |                   |

9. Choose the **Target Server**, Example: **LM\_SERVER** and Click **Next**



10. Click **Finish**



## 11. Click the **JMS Module** that we created just now

The screenshot shows the Oracle WebLogic Server Administration Console. The main content area is titled "Summary of JMS Modules". It contains a table with the following data:

| Name             | Type              | Scope  | Domain Partitions |
|------------------|-------------------|--------|-------------------|
| HANDOFFJMSMODULE | JMSSystemResource | Global |                   |

Below the table, there is a "Summary of Resources" section with a table that is currently empty, displaying "Showing 0 to 0 of 0".

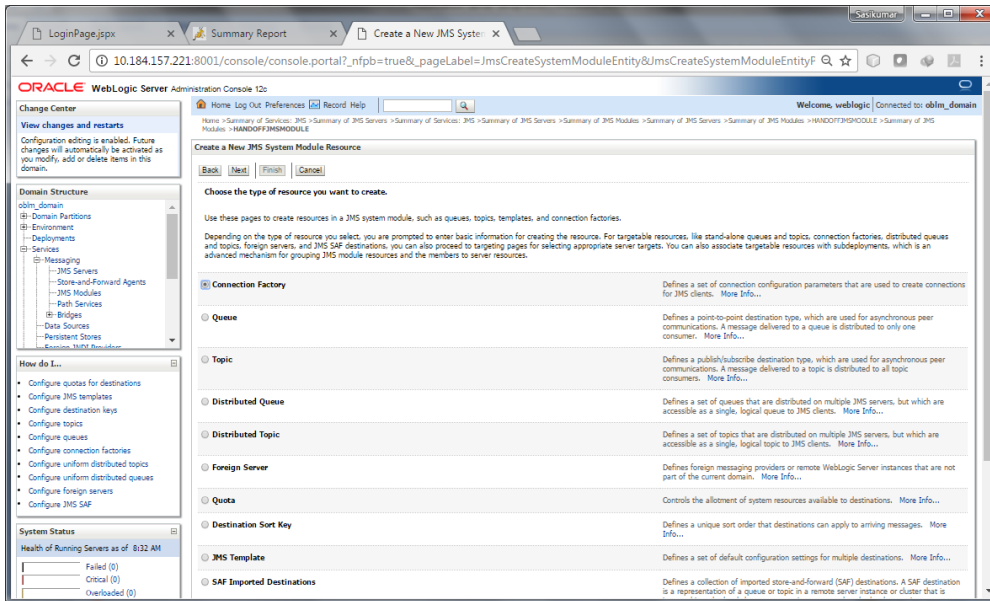
## 12. Create a New Resource

The screenshot shows the Oracle WebLogic Server Administration Console, specifically the "Settings for HANDOFFJMSMODULE" page. The "Configuration" tab is selected. The page displays general information about the JMS module and its resources. Key fields include:

- Name:** HANDOFFJMSMODULE
- Scope:** Global
- Descriptor File Name:** jms/handoffjmsmodule-jms.xml

Below this information, there is a "Summary of Resources" section with a table that is currently empty, displaying "Showing 0 to 0 of 0".

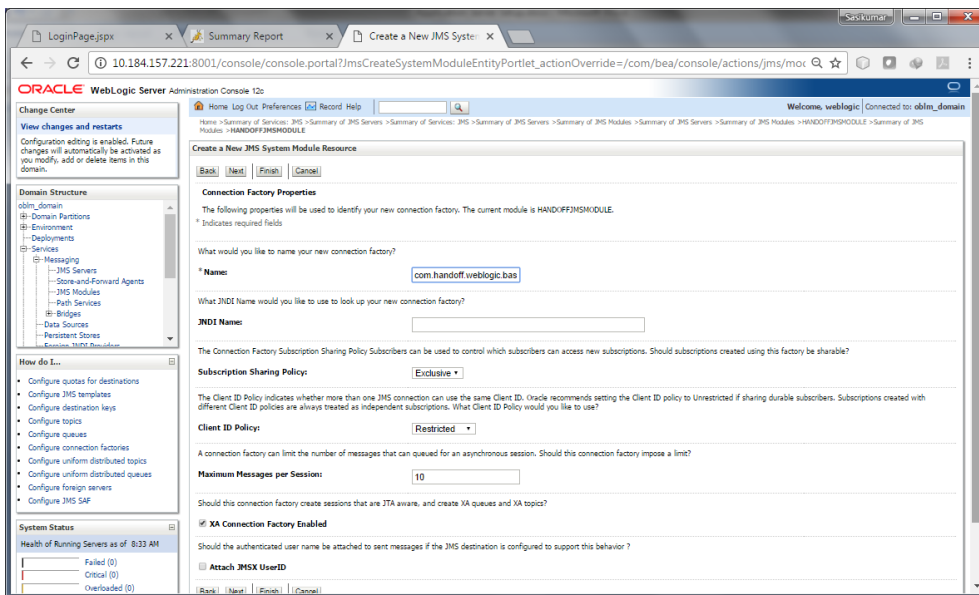
### 13. Create a Connection Factory



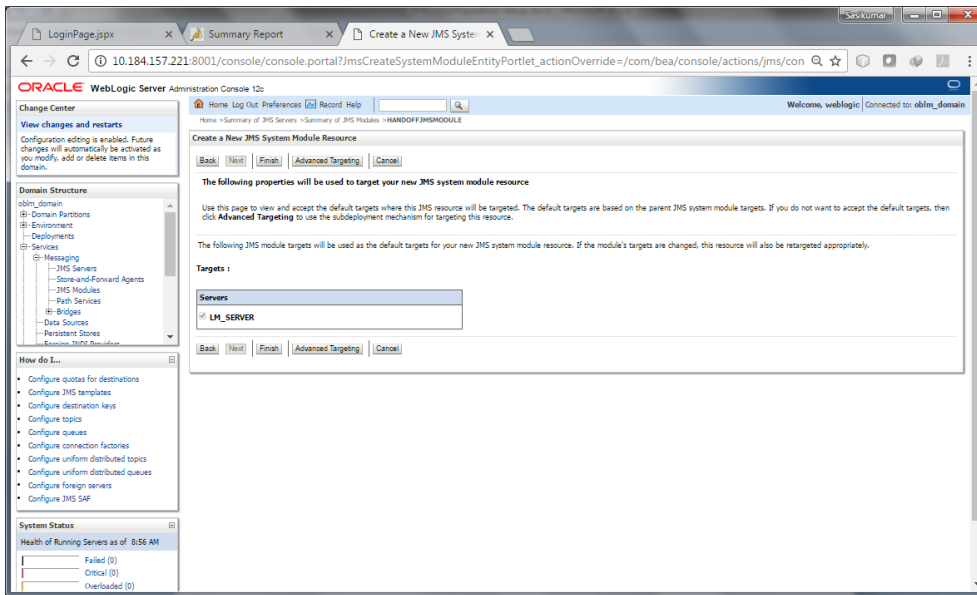
### 14. Set the Connection Factory Properties as Below

Name: **com.handoff.weblogic.base.cf**

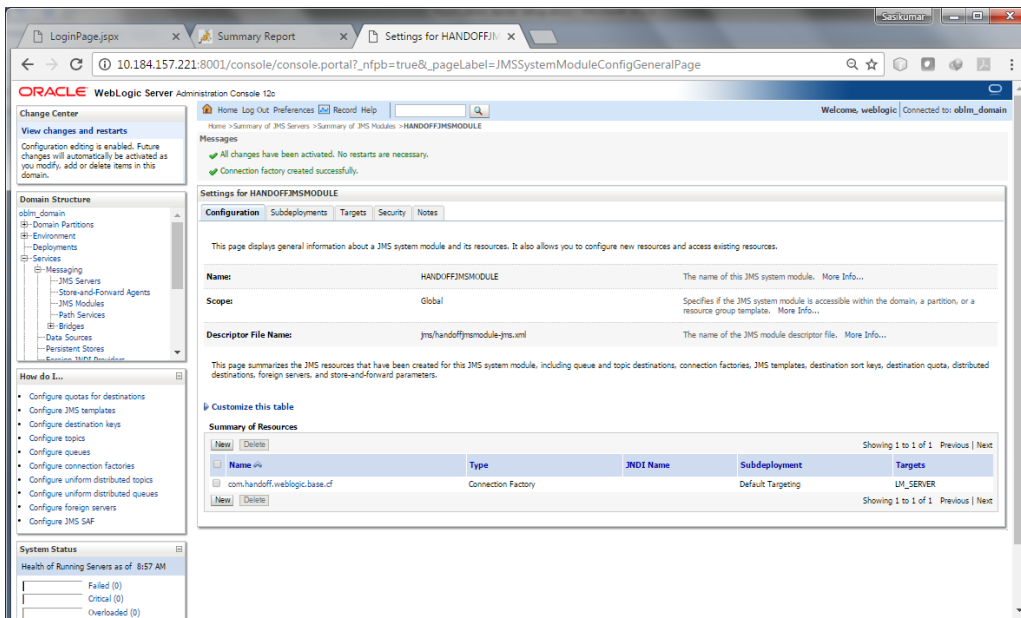
Remaining details give as below and Click **Next**



## 15. Choose the **Target Server**, Example: **LM\_SERVER** and Click **Finish**



## 16. We can see the **Connection Factory** Created.



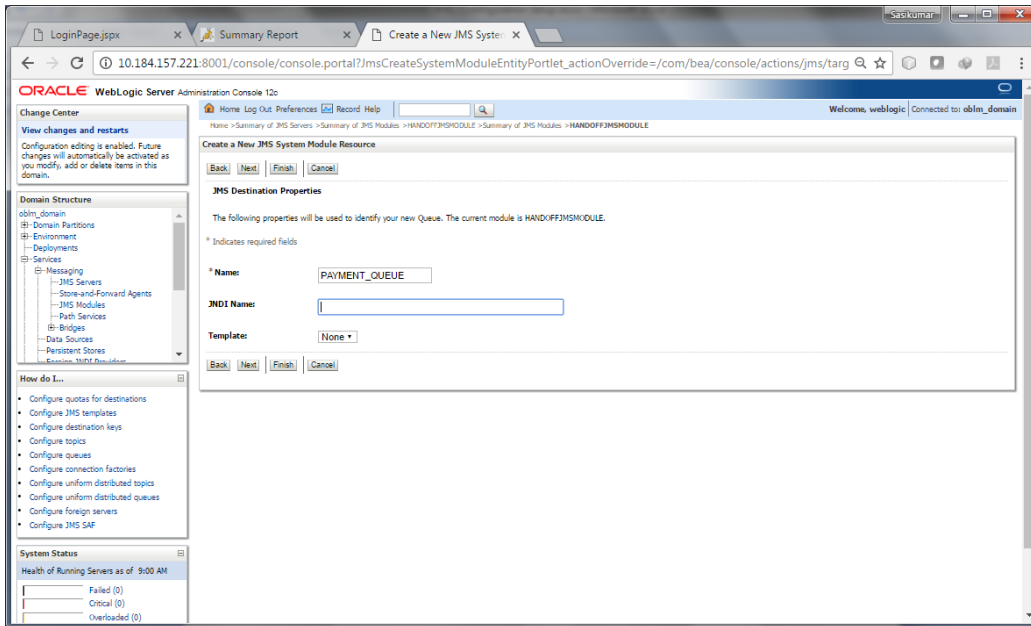
## 17. Set the JNDI Name for connection factory as **com.handoff.weblogic.base.cf**

The screenshot shows the Oracle WebLogic Server Administration Console. The main content area is titled "Settings for com.handoff.weblogic.base.cf" and has tabs for "Configuration", "Subdeployment", and "Notes". The "Configuration" tab is active, showing a "General" sub-tab. The "Name" field is set to "com.handoff.weblogic.base.cf" and the "JNDI Name" field is set to "com.handoff.weblogic.base.cf". There are "Save" and "Advanced" buttons at the bottom of the configuration area. On the left, there is a "Domain Structure" tree and a "System Status" section showing the health of running servers.

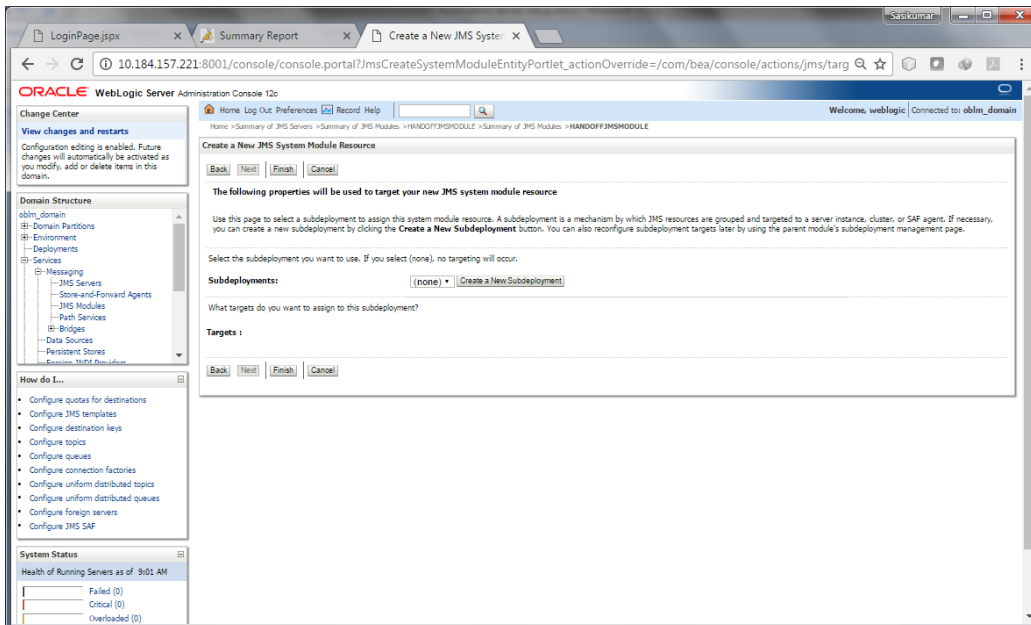
## 18. Create a **New Queue**, Click **New** and Choose **Queue**

The screenshot shows the Oracle WebLogic Server Administration Console with the "Create a New JMS System Module Resource" dialog open. The dialog has a "Choose the type of resource you want to create." section with several radio button options: "Connection Factory", "Queue", "Topic", "Distributed Queue", "Distributed Topic", "Foreign Server", "Quota", "Destination Sort Key", "JMS Template", and "SAF Imported Destinations". The "Queue" option is selected. The dialog also includes a "Back" button, a "Next" button, and a "Cancel" button. The background shows the same domain structure and system status as in the previous screenshot.

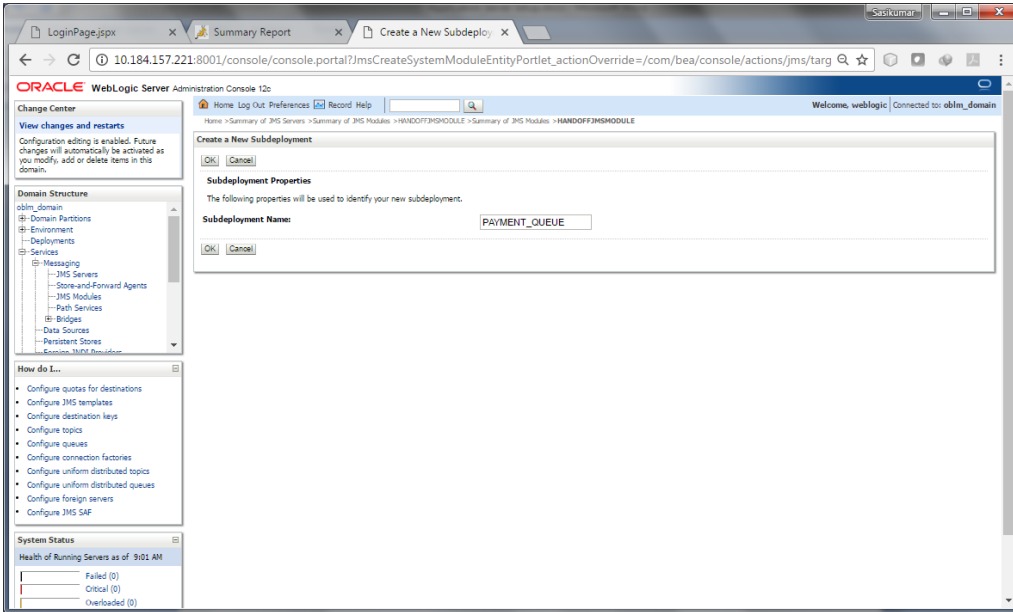
## 19. Give the Name as **PAYMENT\_QUEUE**



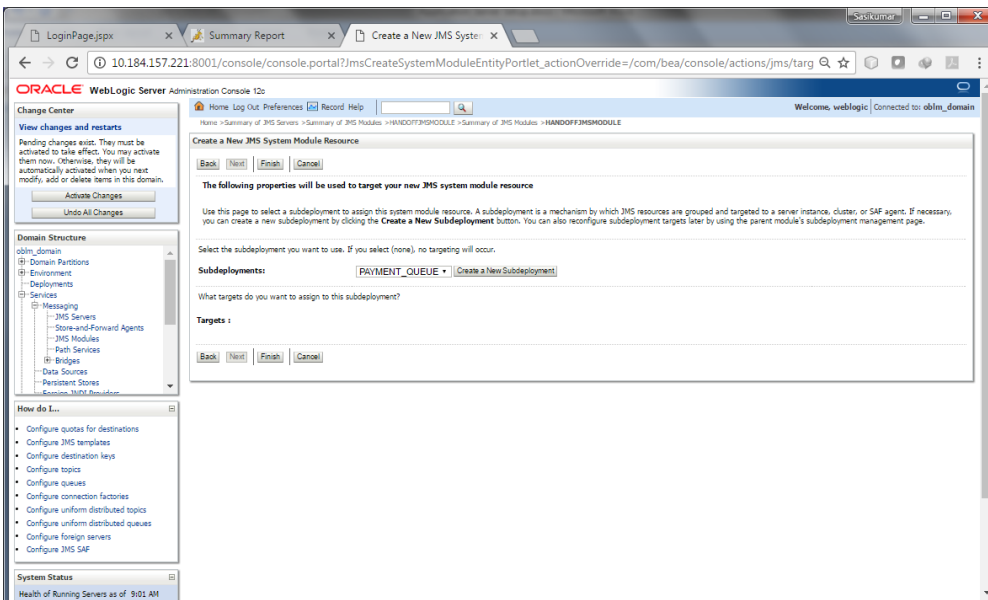
## 20. Create a New Sub-deployment



## 21. Set the **Sub-deployment Properties** as below and Click **Ok**



## 22. Choose the **Sub-deployment** and Click **Finish**





## 23. Set JNDI Name for the PAYMENT\_QUEUE as PAYMENT\_QUEUE

The screenshot shows the Oracle WebLogic Server Administration Console interface. The main content area is titled "Settings for PAYMENT\_QUEUE" and has several tabs: Configuration, Monitoring, Control, Security, Subdeployment, and Notes. The "Configuration" tab is active, and within it, the "General" sub-tab is selected. A "Save" button is visible at the top left of the configuration area. Below the "Save" button, there is a message: "Use this page to define the general configuration parameters for this queue, such as selecting a destination key for sorting messages as they arrive on the queue." The configuration parameters are as follows:

- Name:** PAYMENT\_QUEUE (The name of this JMS queue. More Info...)
- JNDI Name:** PAYMENT\_QUEUE (The global JNDI name used to look up the destination within the JNDI namespace. More Info...)
- Template:** None (The JMS template from which the destination is derived. A template provides an efficient means of defining multiple destinations with similar configuration values. More Info...)
- Destination Keys:** Available and Chosen lists are empty.

At the bottom of the configuration area, there are links for "Advanced" and "Save".

## 24. Set Redelivery Limit to 1 under Delivery Failure tab of PAYMENT\_QUEUE

The screenshot shows the "Settings for PAYMENT\_QUEUE" page, specifically the "Delivery Failure" sub-tab under the "Configuration" tab. A "Save" button is at the top left. Below it, a message reads: "Use this page to define message delivery failure parameters, like specifying redelivery limits, selecting a message expiration policy." The configuration parameters are:

- Redelivery Delay Override:** -1
- Redelivery Limit:** 1
- Expiration Policy:** Discard
- Expiration Logging Format:** (empty text field)
- Error Destination:** None

## 2.2.5 Build Liquidity Managements Executable Files

### 1. Edit HostConfig.properties file

Go to the below folder of the OSDC Package and Open **HostConfig.properties** and edit the below values

**Protocol** = http or https based on the protocol setting of the server

**Host** = Host Name or IP of the Server that is Listening Address

**Port** = Listening Port

**\*\*Note:** Create folder as mentioned in **LOG\_PATH** variable

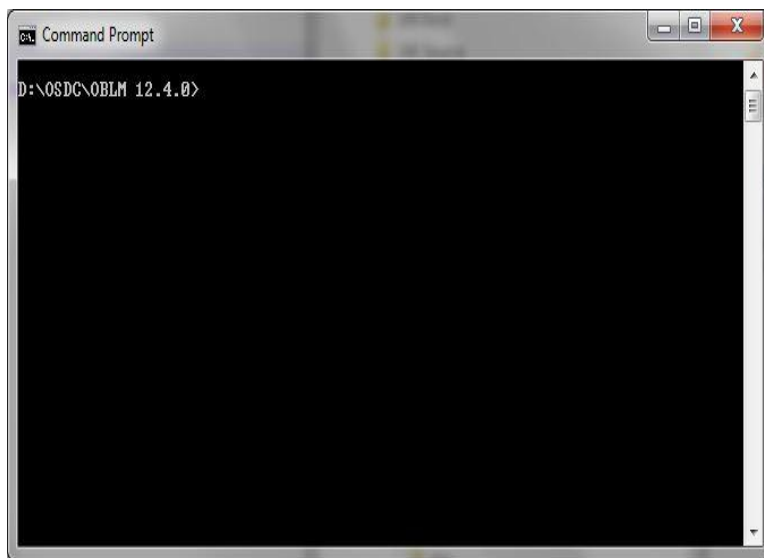
Folder:

D:\OSDC\OBLM 12.4\HostWorkspace\host12.2.1\Common\com.ofss.glm.config\src\com\ofss\glm\config\properties

File Name: HostConfig.properties

```
protocol=https
host = 10.184.157.222
port = 7004
appurl = /GLMServices/Proxies
DEBUG = Y
LOG_PATH=/scratch/oracle/LM LOG/LMLog.log
crosetup_create = /CountrySetupApplicationServiceProxy/create
crosetup_read = /CountrySetupApplicationServiceProxy/fetch
crosetup_update = /CountrySetupApplicationServiceProxy/update
crosetup_delete = /CountrySetupApplicationServiceProxy/delete
crosetup_bulkupload = /CountrySetupApplicationServiceProxy/bulkUpload
crosetup_countrylist = /CountrySetupApplicationServiceProxy/fetchAllCountries
crosetup_regionlist = /CountrySetupApplicationServiceProxy/fetchAllRegions
crosetup_lmcountrylist = /CountrySetupApplicationServiceProxy/fetchCountriesCode
crossbordersetup_create = /CrossBorderSetupApplicationServiceProxy/create
crossbordersetup_read = /CrossBorderSetupApplicationServiceProxy/fetch
crossbordersetup_update = /CrossBorderSetupApplicationServiceProxy/update
crossbordersetup_delete = /CrossBorderSetupApplicationServiceProxy/delete
```

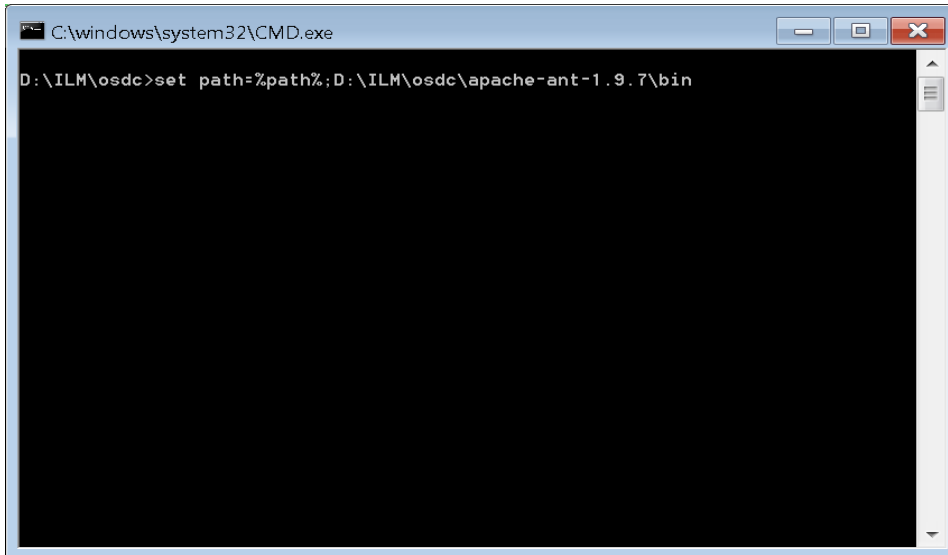
### 2. Open the Command prompt and Point it to the OSDC package location



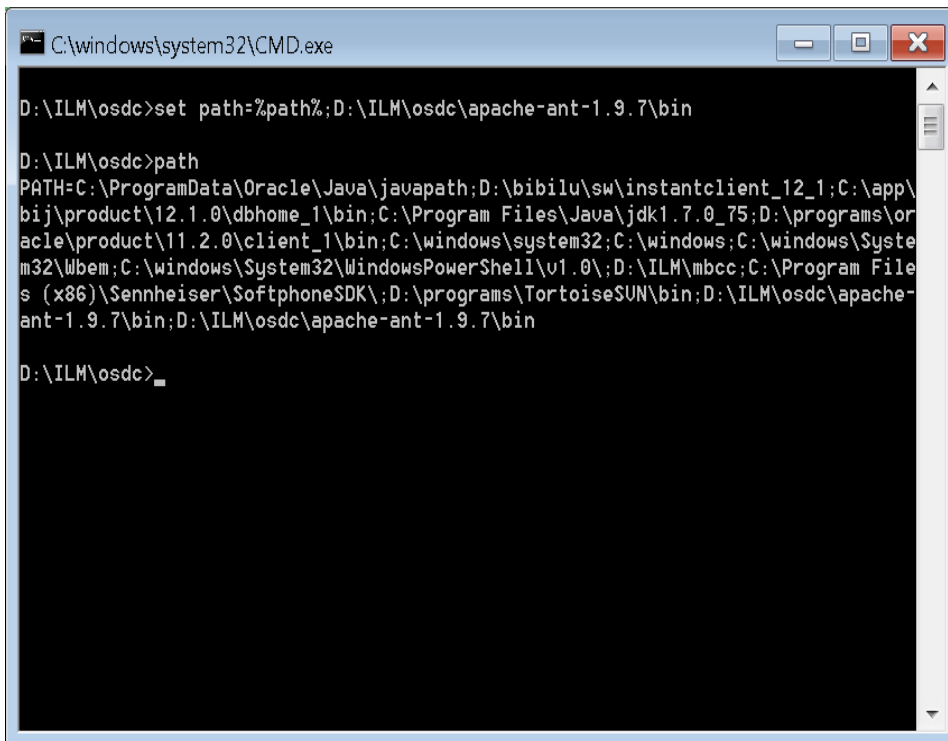
### 3. Add Path

Set the Ant path using the following Commands

**set path=%path%;D:\ILM\osdc\apache-ant-1.9.7\bin**



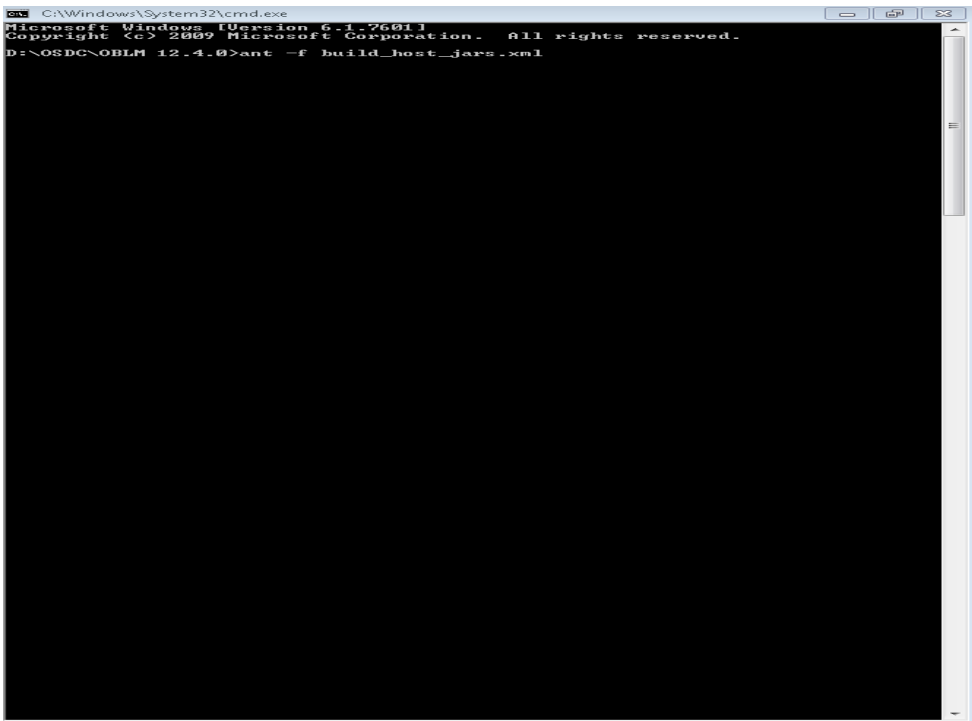
```
C:\windows\system32\CMD.exe
D:\ILM\osdc>set path=%path%;D:\ILM\osdc\apache-ant-1.9.7\bin
```



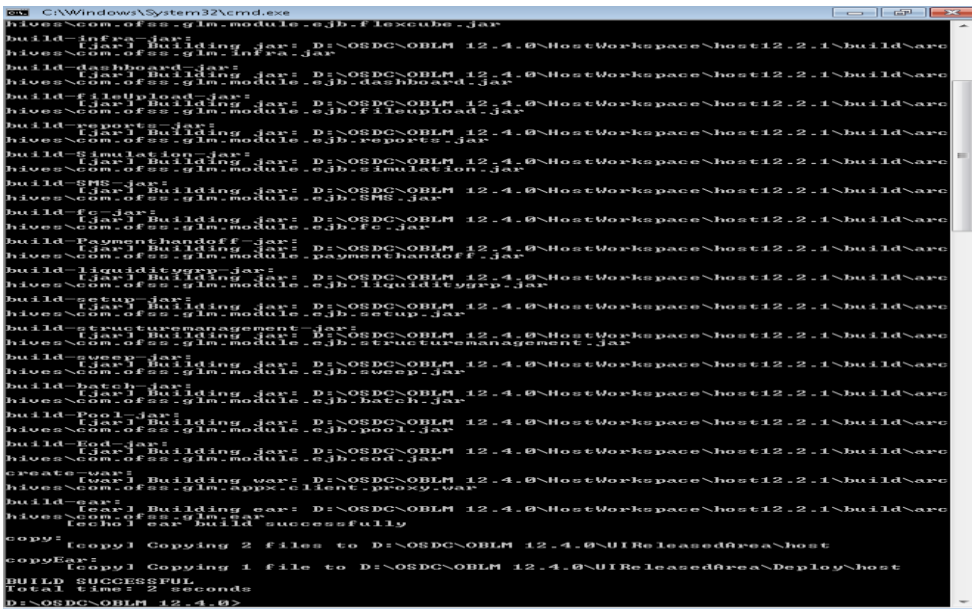
```
C:\windows\system32\CMD.exe
D:\ILM\osdc>set path=%path%;D:\ILM\osdc\apache-ant-1.9.7\bin
D:\ILM\osdc>path
PATH=C:\ProgramData\Oracle\Java\javapath;D:\bibilu\sw\instantclient_12_1;C:\app\
bij\product\12.1.0\dbhome_1\bin;C:\Program Files\Java\jdk1.7.0_75;D:\programs\or
acle\product\11.2.0\client_1\bin;C:\windows\system32;C:\windows;C:\windows\Syste
m32\Wbem;C:\windows\System32\WindowsPowerShell\v1.0\;D:\ILM\mbcc;C:\Program File
s (x86)\Sennheiser\SoftphoneSDK\;D:\programs\TortoiseSUN\bin;D:\ILM\osdc\apac
he-ant-1.9.7\bin;D:\ILM\osdc\apache-ant-1.9.7\bin
D:\ILM\osdc>_
```

4. Enter the following command to build the Host side class files.

“ant -f build\_host\_jars.xml” and press “Enter”



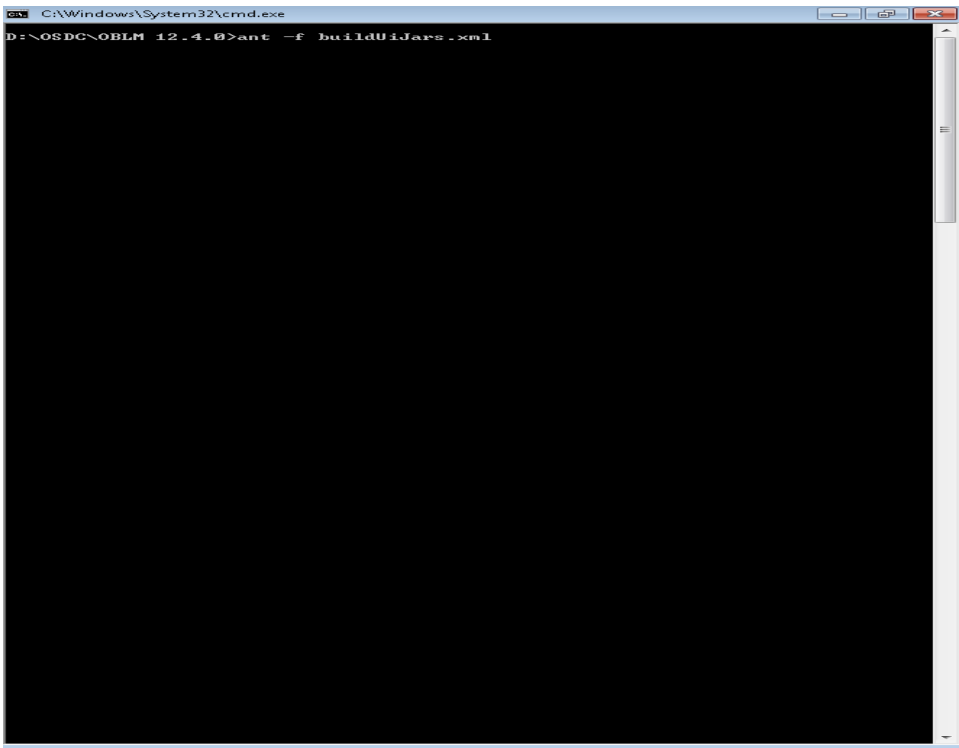
```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.
D:\OSDC\OBLM 12.4.0>ant -f build_host_jars.xml
```



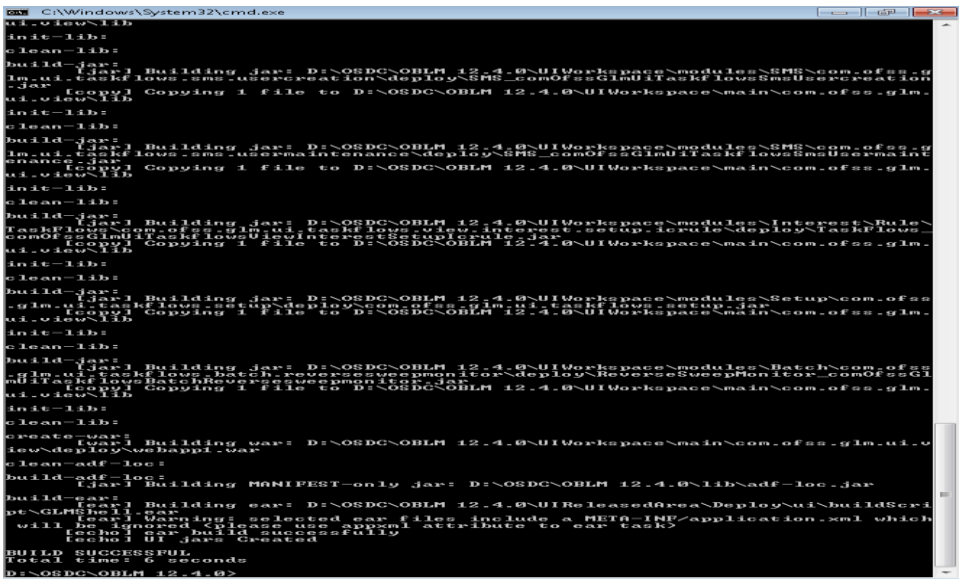
```
C:\Windows\System32\cmd.exe
hives\com.ofss.gln.module.ejb.flexcube.jar
build-infra-jar:
[Jar] Building jar: D:\OSDC\OBLM 12.4.0\HostWorkspace\host12.2.1\build\arc
hives\com.ofss.gln.module.ejb.infra.jar
build-dashboard-jar:
[Jar] Building jar: D:\OSDC\OBLM 12.4.0\HostWorkspace\host12.2.1\build\arc
hives\com.ofss.gln.module.ejb.dashboard.jar
build-fileupload-jar:
[Jar] Building jar: D:\OSDC\OBLM 12.4.0\HostWorkspace\host12.2.1\build\arc
hives\com.ofss.gln.module.ejb.fileupload.jar
build-reports-jar:
[Jar] Building jar: D:\OSDC\OBLM 12.4.0\HostWorkspace\host12.2.1\build\arc
hives\com.ofss.gln.module.ejb.reports.jar
build-simulation-jar:
[Jar] Building jar: D:\OSDC\OBLM 12.4.0\HostWorkspace\host12.2.1\build\arc
hives\com.ofss.gln.module.ejb.simulation.jar
build-SMS-jar:
[Jar] Building jar: D:\OSDC\OBLM 12.4.0\HostWorkspace\host12.2.1\build\arc
hives\com.ofss.gln.module.ejb.SMS.jar
build-fc-jar:
[Jar] Building jar: D:\OSDC\OBLM 12.4.0\HostWorkspace\host12.2.1\build\arc
hives\com.ofss.gln.module.ejb.fc.jar
build-paymenthandoff-jar:
[Jar] Building jar: D:\OSDC\OBLM 12.4.0\HostWorkspace\host12.2.1\build\arc
hives\com.ofss.gln.module.paymenthandoff.jar
build-liquidtyprp-jar:
[Jar] Building jar: D:\OSDC\OBLM 12.4.0\HostWorkspace\host12.2.1\build\arc
hives\com.ofss.gln.module.ejb.liquidtyprp.jar
build-setup-jar:
[Jar] Building jar: D:\OSDC\OBLM 12.4.0\HostWorkspace\host12.2.1\build\arc
hives\com.ofss.gln.module.ejb.setup.jar
build-structuremanagement-jar:
[Jar] Building jar: D:\OSDC\OBLM 12.4.0\HostWorkspace\host12.2.1\build\arc
hives\com.ofss.gln.module.ejb.structuremanagement.jar
build-sweep-jar:
[Jar] Building jar: D:\OSDC\OBLM 12.4.0\HostWorkspace\host12.2.1\build\arc
hives\com.ofss.gln.module.ejb.sweep.jar
build-batch-jar:
[Jar] Building jar: D:\OSDC\OBLM 12.4.0\HostWorkspace\host12.2.1\build\arc
hives\com.ofss.gln.module.ejb.batch.jar
build-pool-jar:
[Jar] Building jar: D:\OSDC\OBLM 12.4.0\HostWorkspace\host12.2.1\build\arc
hives\com.ofss.gln.module.ejb.pool.jar
build-fod-jar:
[Jar] Building jar: D:\OSDC\OBLM 12.4.0\HostWorkspace\host12.2.1\build\arc
hives\com.ofss.gln.module.ejb.fod.jar
create-war:
[Jar] Building war: D:\OSDC\OBLM 12.4.0\HostWorkspace\host12.2.1\build\arc
hives\com.ofss.gln.app.clients.deploy.war
build-war:
[Jar] Building war: D:\OSDC\OBLM 12.4.0\HostWorkspace\host12.2.1\build\arc
hives\com.ofss.gln.jar
[echo] jar build successfully
copy:
[copy] Copying 2 files to D:\OSDC\OBLM 12.4.0\UIReleasedArea\host
copyErr:
[copy] Copying 1 file to D:\OSDC\OBLM 12.4.0\UIReleasedArea\Deploy\host
BUILD SUCCESSFUL
Total time: 2 seconds
D:\OSDC\OBLM 12.4.0>
```

5. Enter the following command to build the UI side class files.

**“ant -f buildUiJars.xml”** and press **“Enter”**



```
C:\Windows\System32\cmd.exe
D:\OSDC\OBLM 12.4.0>ant -f buildUiJars.xml
```



```
C:\Windows\System32\cmd.exe
ui-clean-lib
init-lib:
clean-lib:
build-jars:
[Jar] Building jar: D:\OSDC\OBLM 12.4.0\UIWorkspace\modules\SMR\com.ofss.glm.taskflow\smr-comOfssGlmTaskFlowSmrDeployment.jar
[Jar] Copying 1 file to D:\OSDC\OBLM 12.4.0\UIWorkspace\main\com.ofss.glm-ui-view-lib
init-lib:
clean-lib:
build-jars:
[Jar] Building jar: D:\OSDC\OBLM 12.4.0\UIWorkspace\modules\SMR\com.ofss.glm.taskflow\smr-usermain\smr-comOfssGlmTaskFlowUsermain.jar
[Jar] Copying 1 file to D:\OSDC\OBLM 12.4.0\UIWorkspace\main\com.ofss.glm-ui-view-lib
init-lib:
clean-lib:
build-jars:
[Jar] Building jar: D:\OSDC\OBLM 12.4.0\UIWorkspace\modules\Interest\Rule\TaskFlow\com.ofss.glm.taskflow\interest-setup\com.ofss.glm.taskflow-interest-setup-icrule\deploy\TaskFlow-comOfssGlmTaskFlowInterestSetupIcRule.jar
[Jar] Copying 1 file to D:\OSDC\OBLM 12.4.0\UIWorkspace\main\com.ofss.glm-ui-view-lib
init-lib:
clean-lib:
build-jars:
[Jar] Building jar: D:\OSDC\OBLM 12.4.0\UIWorkspace\modules\Setup\com.ofss.glm.taskflow\batch\reverseSweepMonitor\com.ofss.glm.taskflow-setup.jar
[Jar] Copying 1 file to D:\OSDC\OBLM 12.4.0\UIWorkspace\main\com.ofss.glm-ui-view-lib
init-lib:
clean-lib:
build-jars:
[Jar] Building jar: D:\OSDC\OBLM 12.4.0\UIWorkspace\modules\Batch\com.ofss.glm.taskflow\batch\reverseSweepMonitor\deploy\ReverseSweepMonitor-comOfssGlmTaskFlowBatchReverseSweepMonitor.jar
[Jar] Copying 1 file to D:\OSDC\OBLM 12.4.0\UIWorkspace\main\com.ofss.glm-ui-view-lib
init-lib:
clean-lib:
create-war:
Building war: D:\OSDC\OBLM 12.4.0\UIWorkspace\main\com.ofss.glm-ui-view-deploy\war\happi.war
clean-adv-loc:
build-adv-loc:
[Jar] Building MANIFEST-only jar: D:\OSDC\OBLM 12.4.0\lib\adv-loc.jar
build-war:
[Jar] Building ear: D:\OSDC\OBLM 12.4.0\UIReleasedArea\Deploy\ui-buildScript\GLRShell.ear
[Warning] selected ear files include a META-INF/application.xml which will be ignored. Please use optional attribute to ear task
[Info] ear build successfully
[Info] 11 jars created
BUILD SUCCESSFUL
Total time: 5 seconds
D:\OSDC\OBLM 12.4.0>
```

## 2.2.6 Deploy Liquidity Management Executable Files

**NOTE :** If Oracle Fusion Middleware 12c Infrastructure (Example: Weblogic Server) is installed in local system, deployment can be done using the script see section 2.2.6.1 else Manual Deployment can be done see section 2.2.6.2.

### 2.2.6.1 Deployment using Scripts

1. Change the Following values in **Build.properties** file under the OSDC source

```
#Wed Apr 14 12:14:57 IST 2017

install.dir=C:\\Oracle\\Middleware\\Oracle_Home

wls.ui.url=t3://10.184.157.221:8001
wls.ui.server.name=LM_SERVER
wls.ui.deploy.name=GLMShell
wls.ui.userName=weblogic
wls.ui.password=weblogic123
wls.ui.deploy.source=UIReleasedArea/Deploy/ui/buildScript/GLMShell.ear

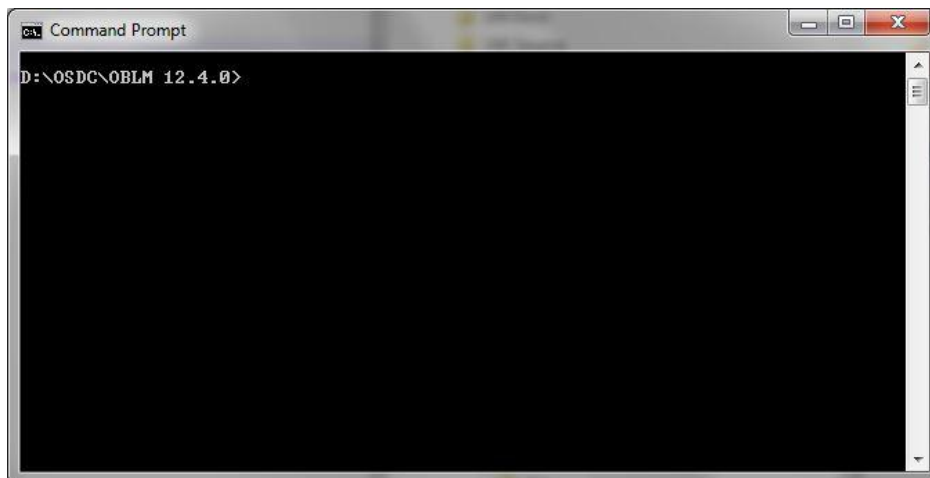
wls.host.url=t3://10.184.157.221:8001
wls.host.server.name=LM_SERVER
wls.host.deploy.name=com.ofss.glm
wls.host.userName=weblogic
wls.host.password=weblogic123
wls.host.deploy.source=UIReleasedArea/Deploy/host/com.ofss.glm.ear
```

Use the following details

**install.dir=** Point to it to the weblogic home folder in the local system For Example: "C:\\Oracle\\Middleware\\Oracle\_Home". (Change it to the format as shown in the figure)

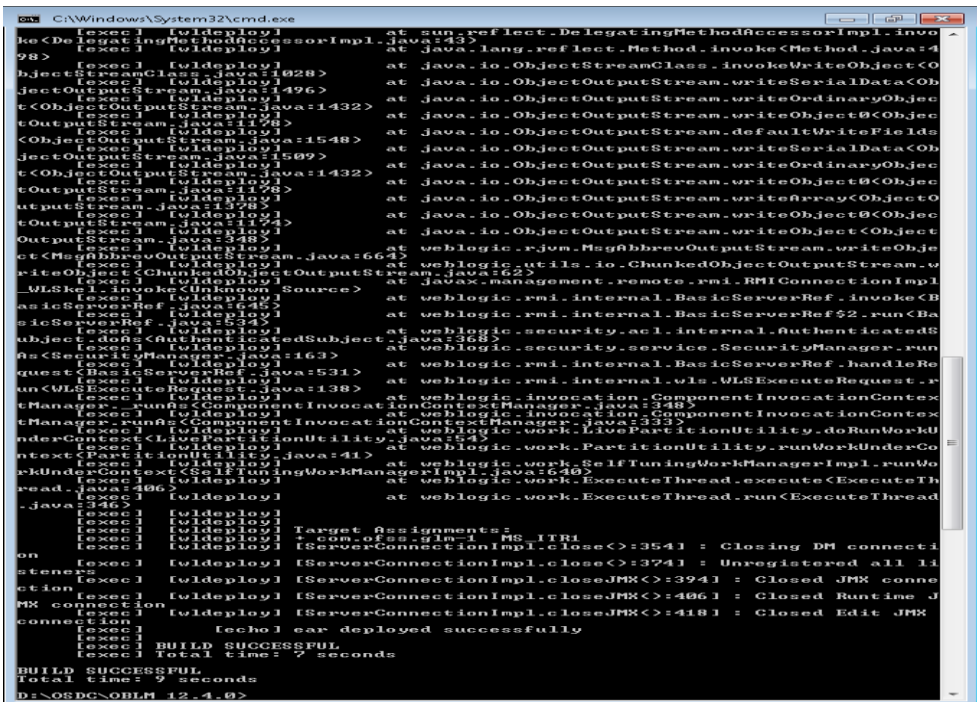
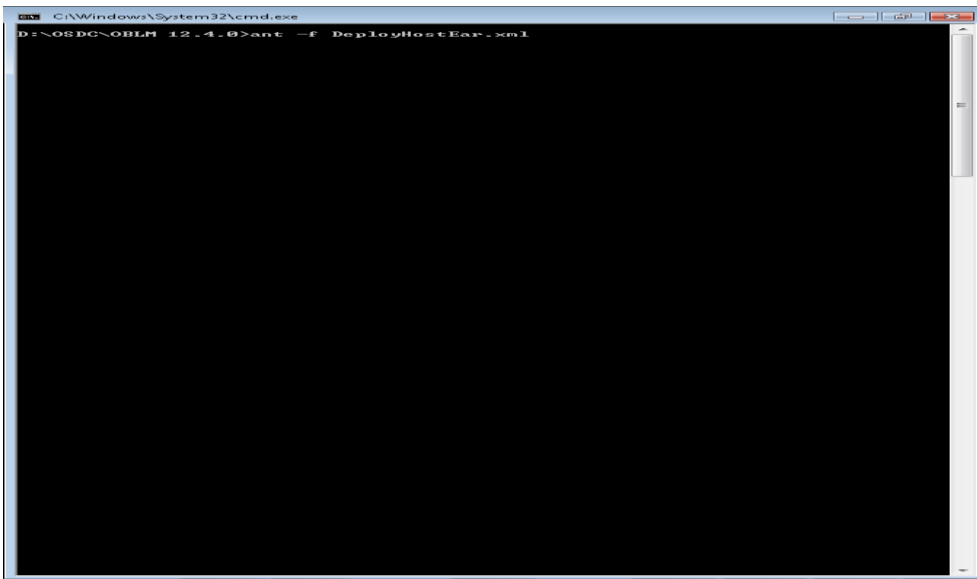
Define remaining properties as mentioned in above screen shot.

2. Open the Command prompt and Point it to the OSDC package location



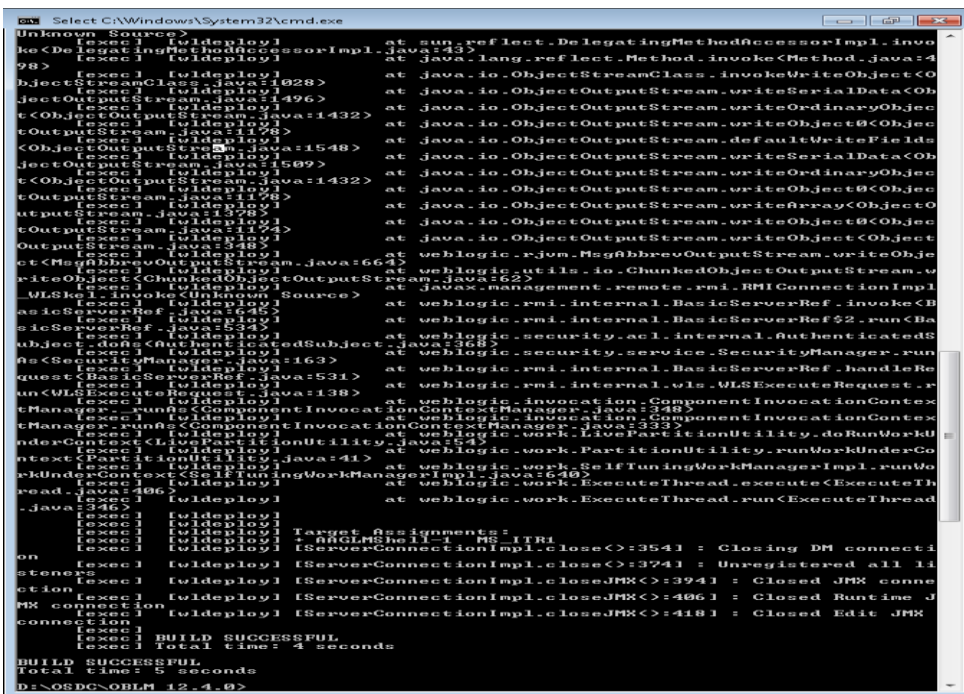
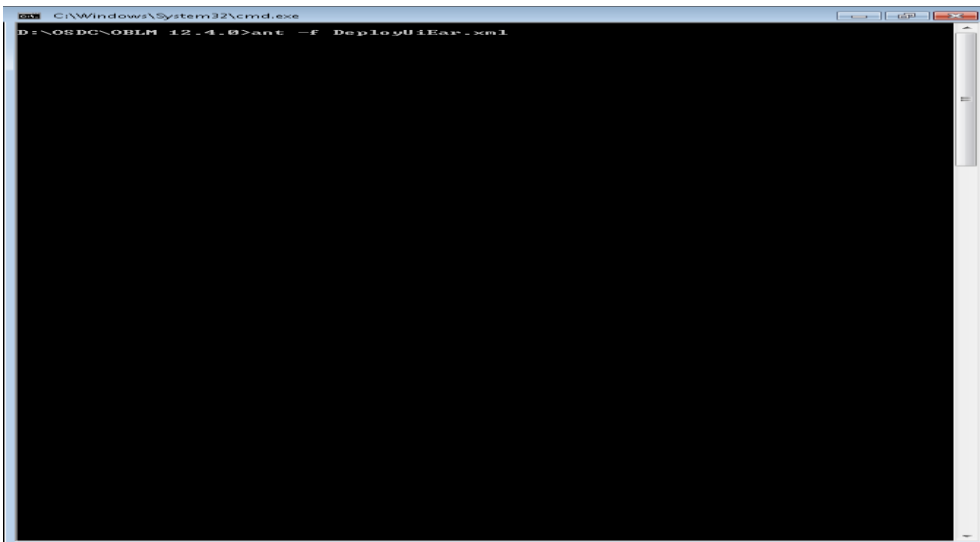
3. Enter the following command to deploy the Host EAR file.

“ant -f DeployHostEar.xml” and press “Enter”



4. Enter the following command to deploy the UI EAR file.

**“ant -f DeployUIEar.xml”** and press **“Enter”**



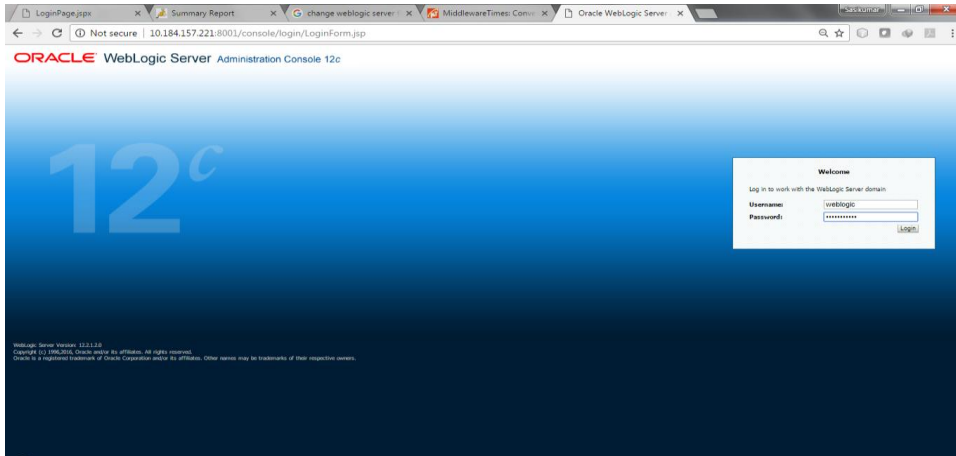


## 2.2.6.2 Manual Deployment:

For Manual Deployment, Ear (Enterprise Application aRchive) file can be deployed either from Local Machine or from server where Weblogic Server is installed, In case if deployment needs to be done from server then use FTP/SFTP client for Windows in order to move the Ear file to the server and do the deployment as given below. Suggested Software for FTP/SFTP client for Windows: **Winscp**

### 2.2.6.2.1 UI EAR Deployment

1. Give the credential in the console page that you have set in Administrator Account screen.

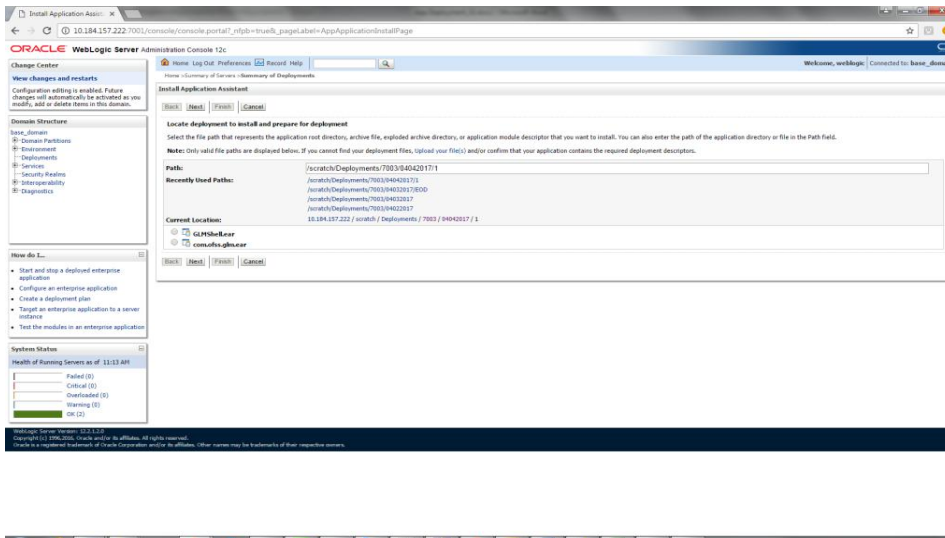


2. Now we can see home screen. In home screen in the left side you will find Domain Structure column.

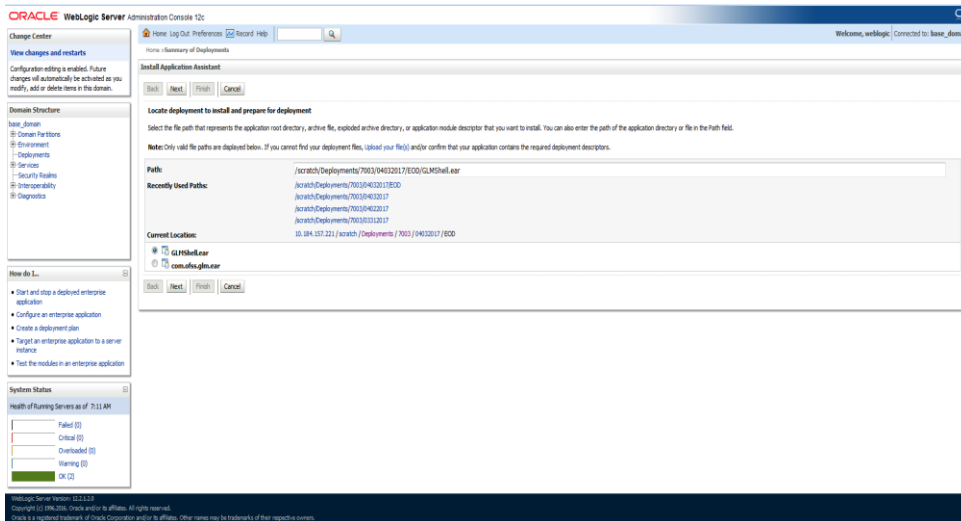
Click on **Deployments**.

| Name                                 | State  | Health | Type                   | Targets                | Scope  | Domain Partitions | Deployment Order |
|--------------------------------------|--------|--------|------------------------|------------------------|--------|-------------------|------------------|
| inference-transaction-ear            | Active | OK     | Resource Adapter       | AdminServer, FCMB, TTR | Global | 100               |                  |
| OH Application (12.3.1.1.0)          | Active | OK     | Web Application        | AdminServer, FCMB, TTR | Global | 5                 |                  |
| myapp                                | Active | OK     | Enterprise Application | AdminServer            | Global | 400               |                  |
| myFCMBApp                            | Active | OK     | Enterprise Application | FCMB                   | Global | 100               |                  |
| app-test                             | Active | OK     | Web Application        | AdminServer            | Global | 100               |                  |
| state-management-provider-memory-ear | Active | OK     | Resource Adapter       | AdminServer, FCMB, TTR | Global | 100               |                  |

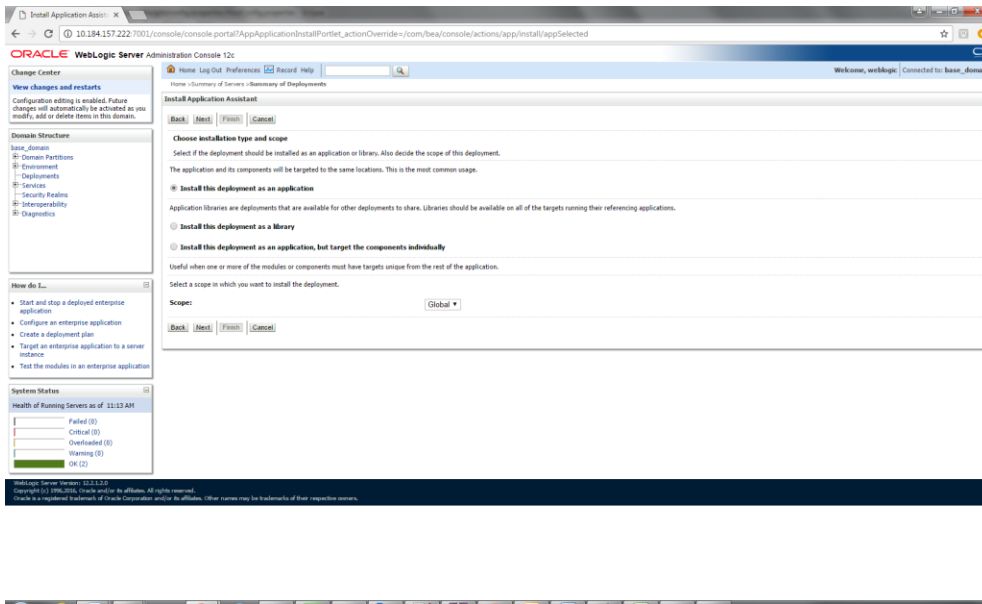
3. Click on **Install** and go to the Drive Location where the EAR files are kept.



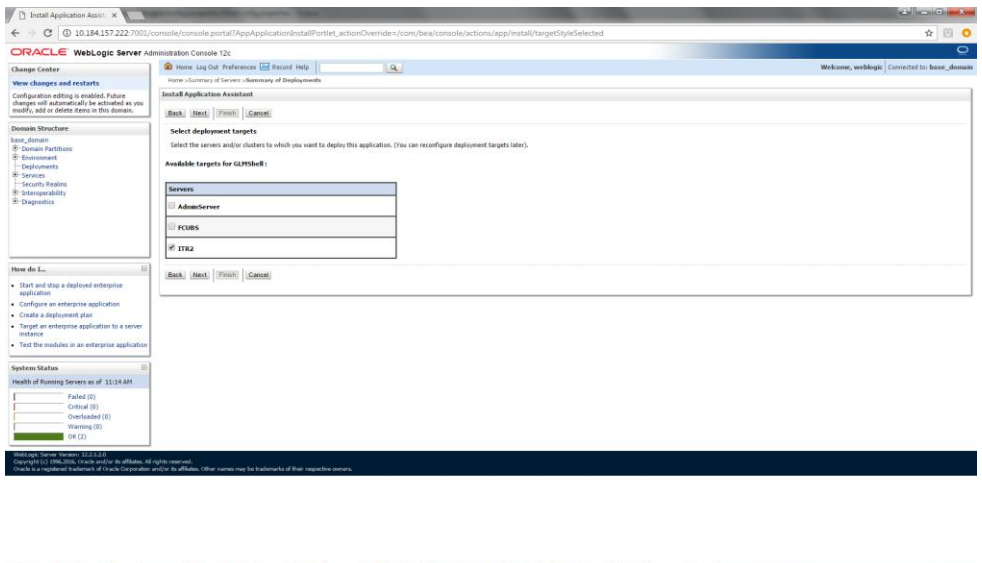
4. Select the UI EAR File **GLMShell.ear** and click on Next



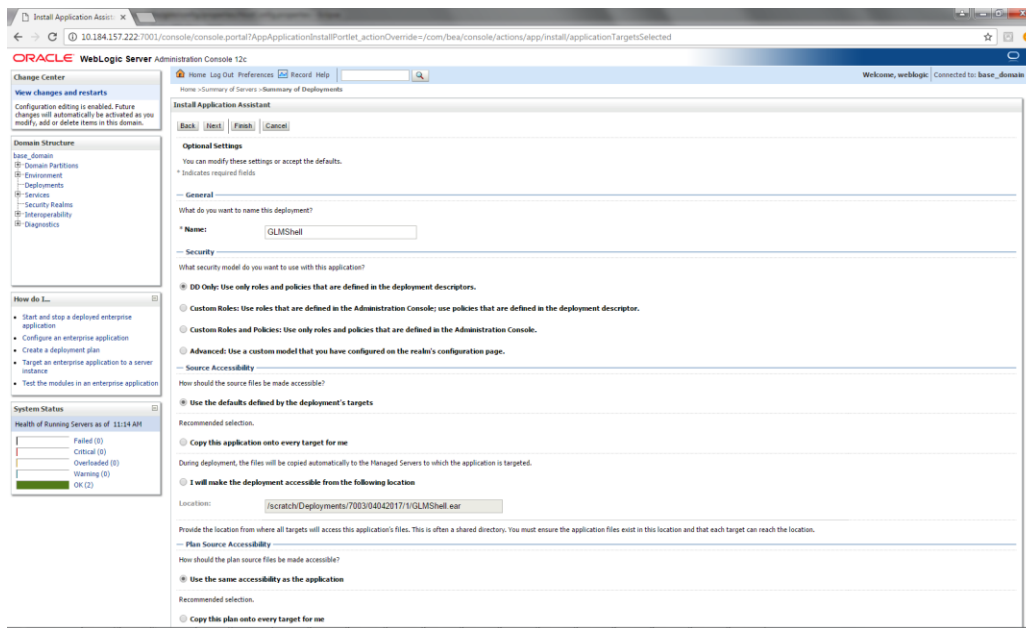
5. Click on **Next**



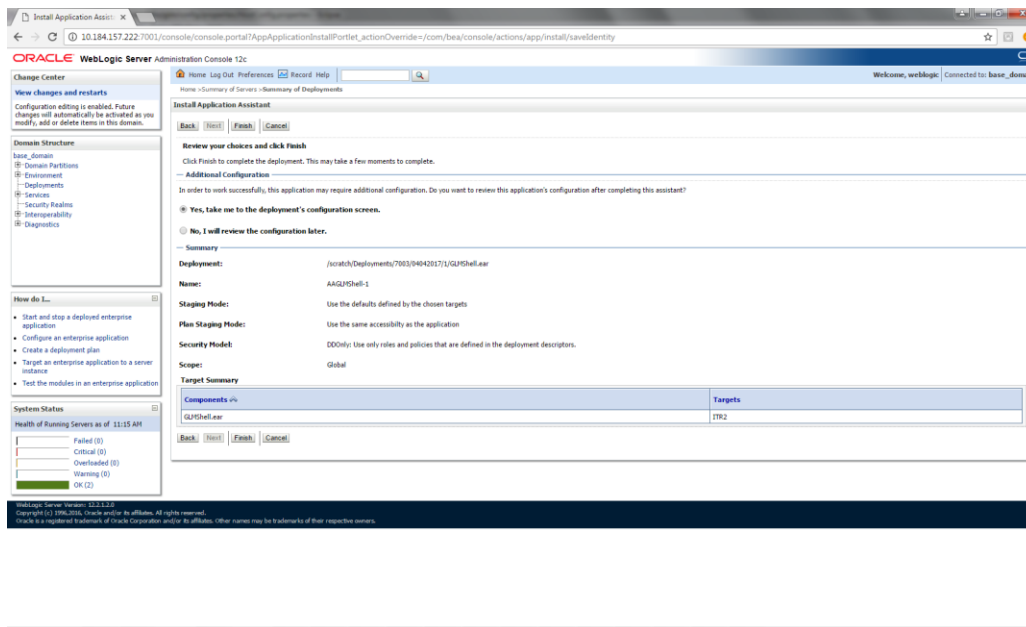
6. Select the **target Server** For example: ITR2



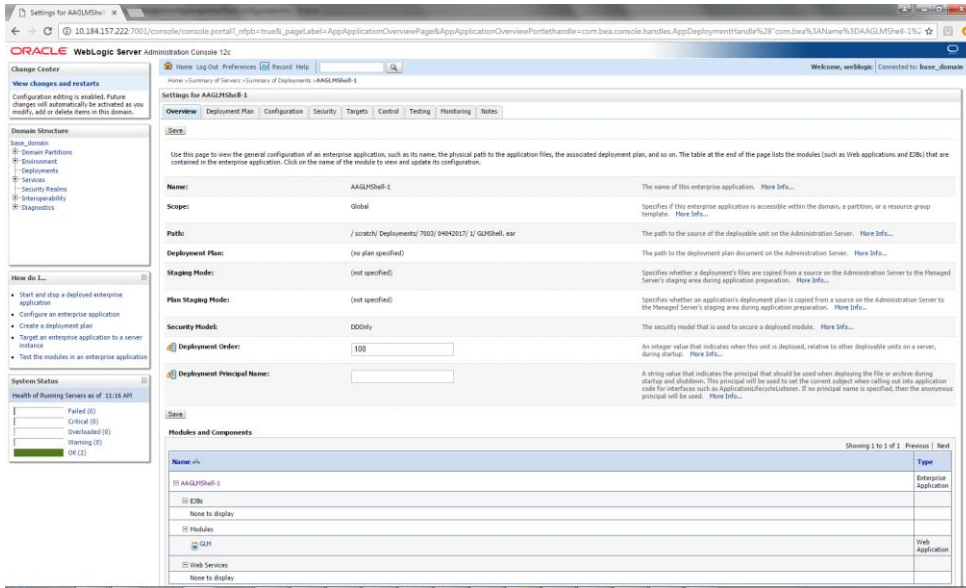
## 7. Select Name for the deployment file For Example: "GLMShell" and click on **Next**



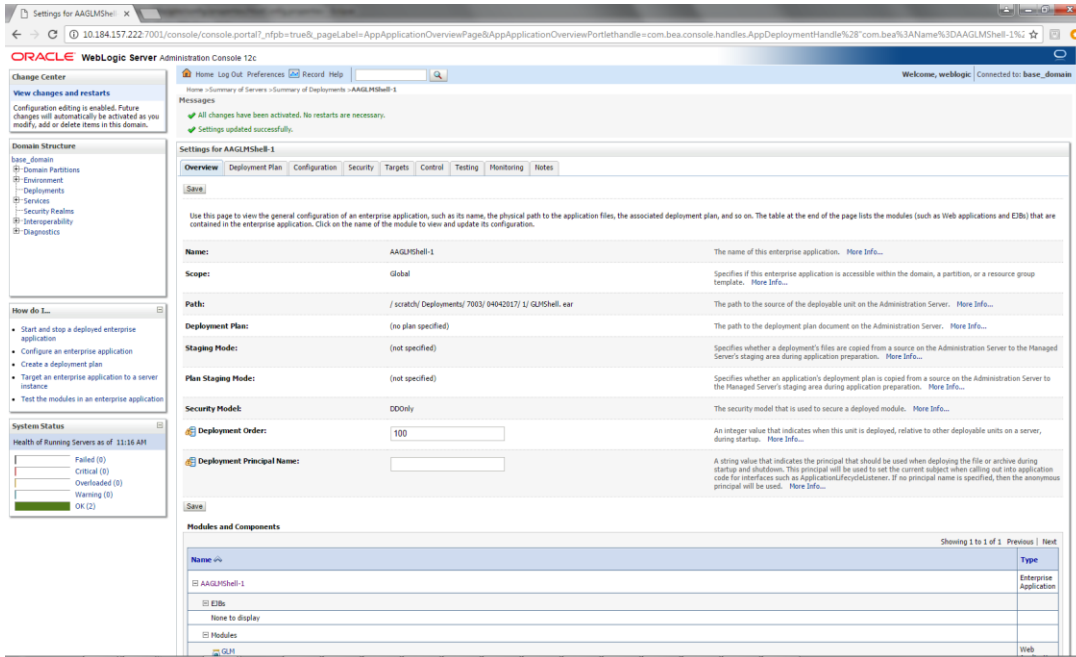
## 8. Click on **Finish**.



9. Click on **Save**

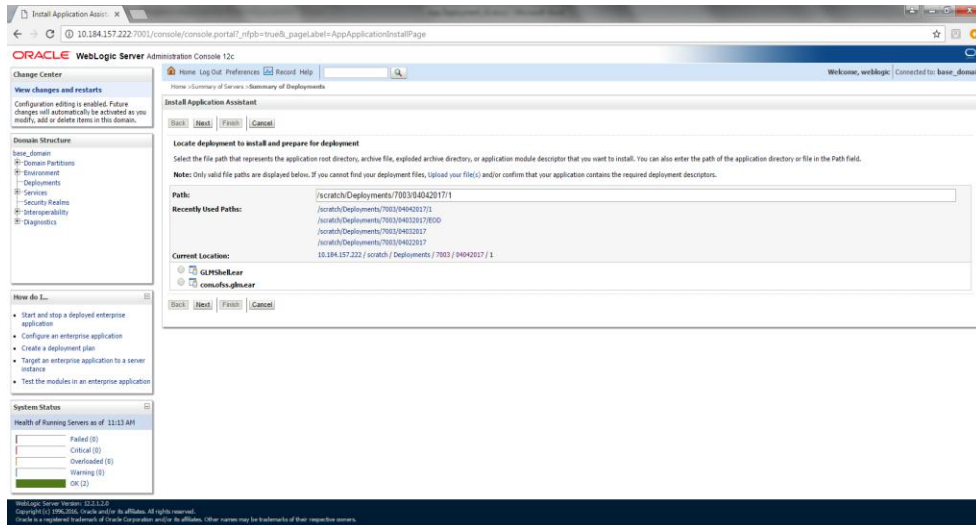


10. After Clicking **Save** the Following Screen should appear.

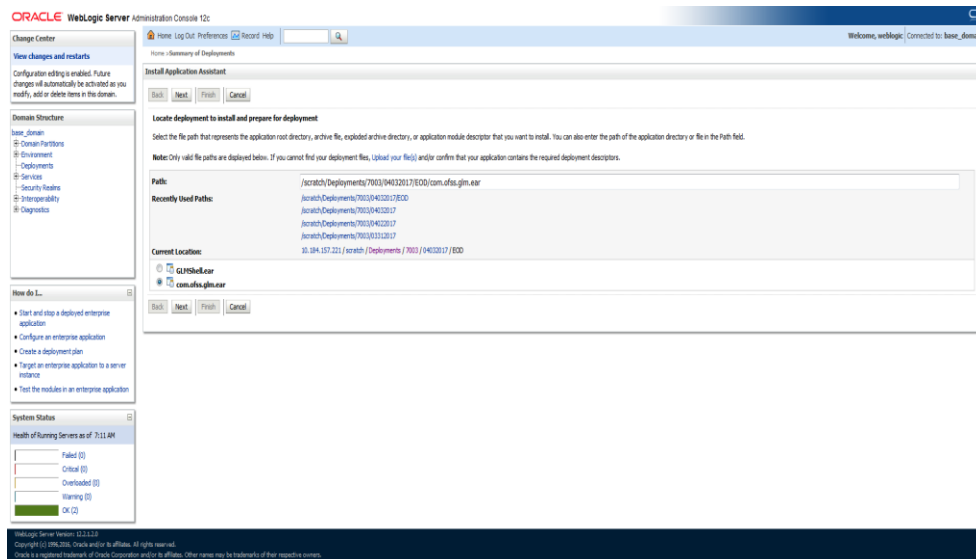


## 2.2.6.2.2 HOST EAR Deployment

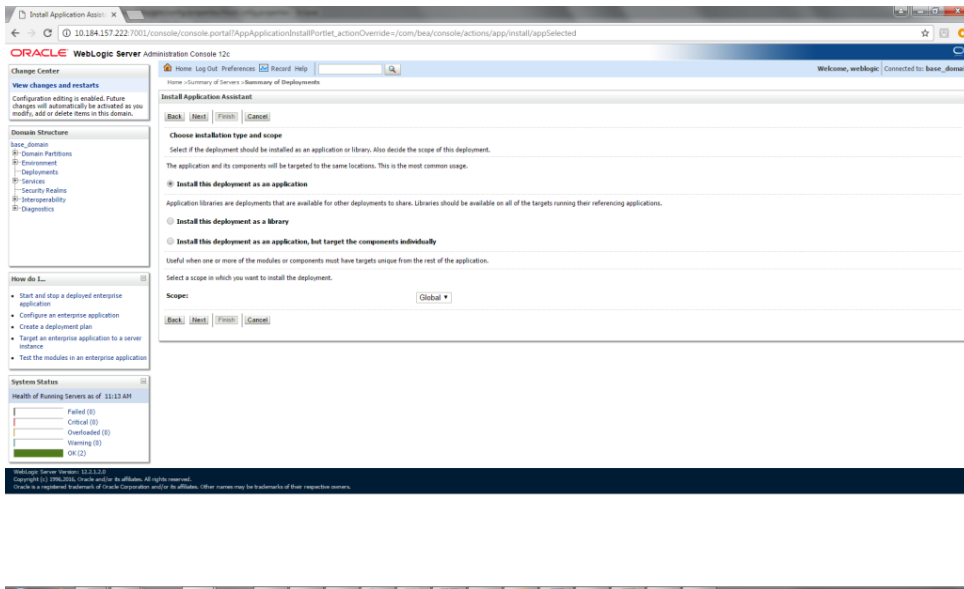
1. Click on **Install** and go o the Drive Location where the EAR files are kept.



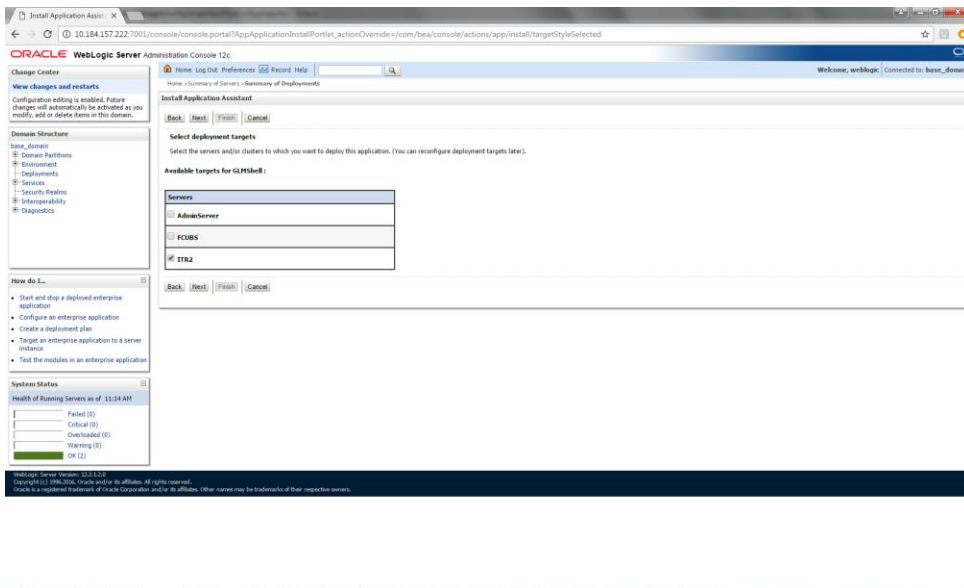
2. Select the Host EAR File **com.ofss.glm.ear** and click on **Next**



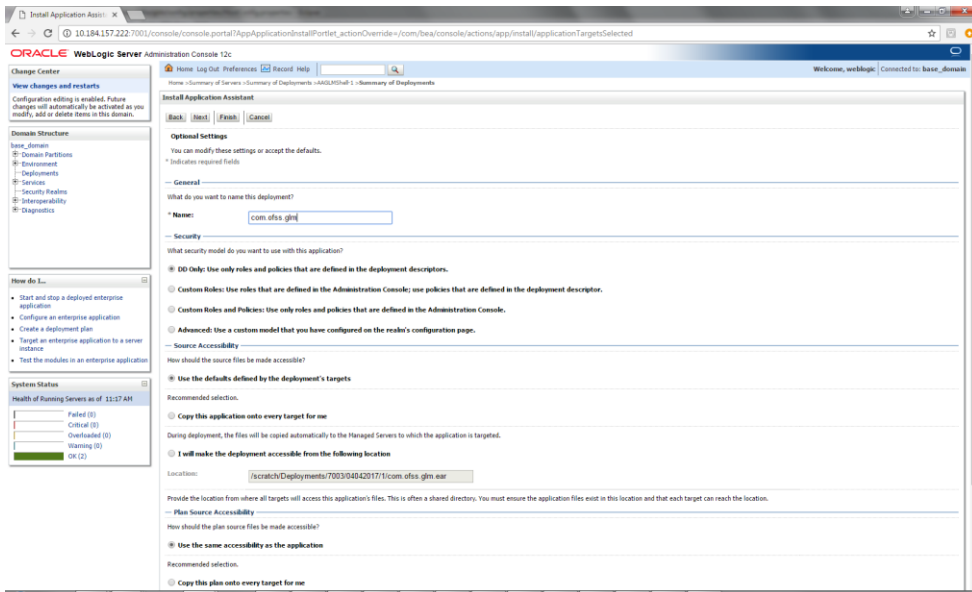
### 3. Click on Next



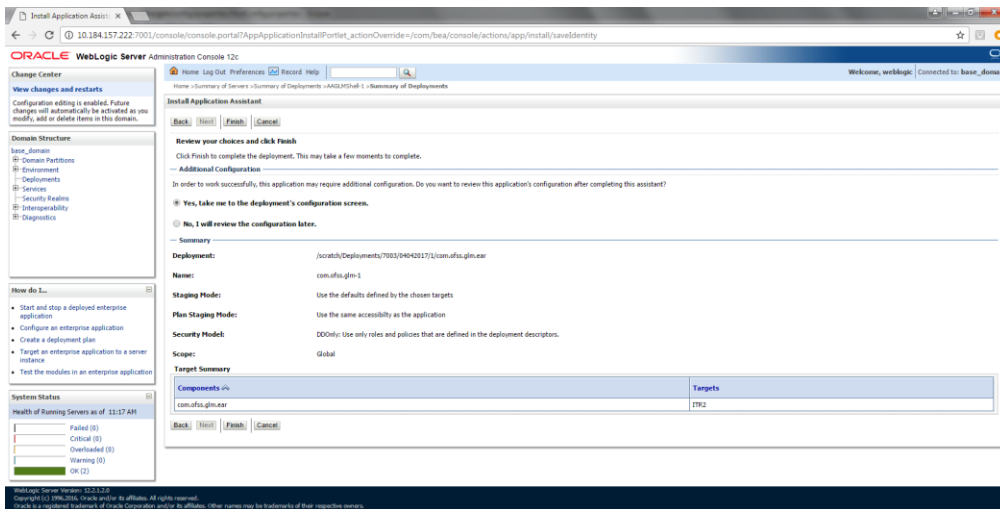
### 4. Select the target Server For example: ITR2



5. Select Name for the deployment file For Example: “com.ofss.glm” and click on **Next**

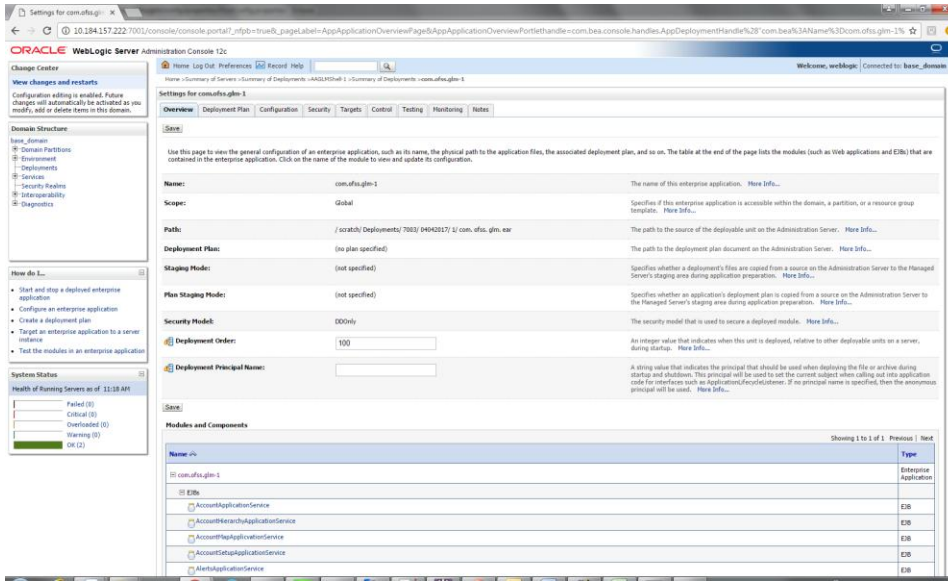


6. Click on **Finish**.

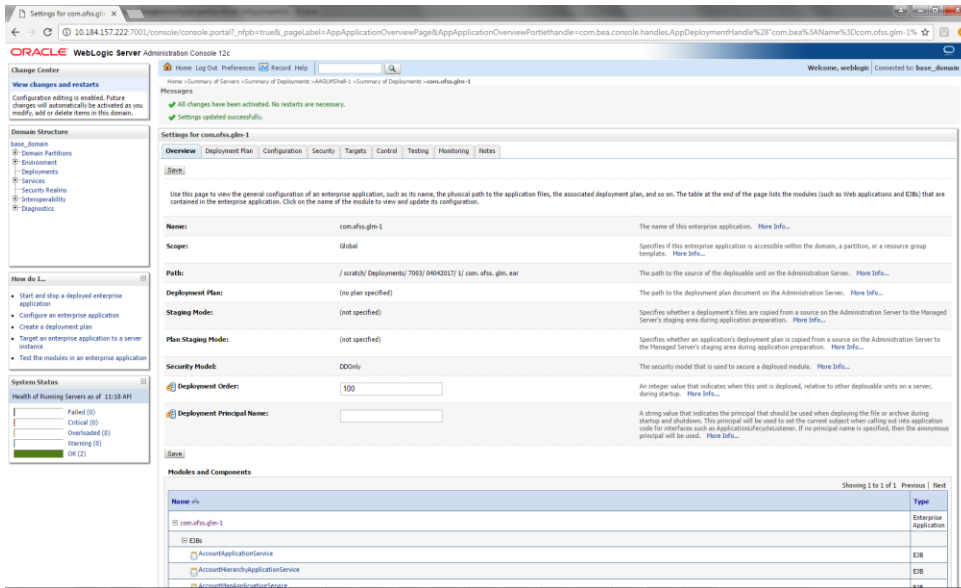




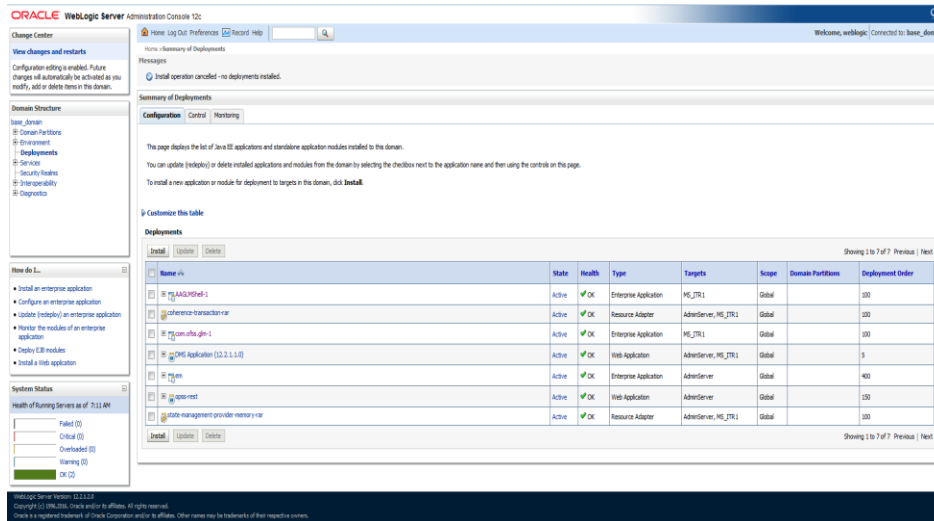
## 7. Click on Save



## 8. After Clicking Save the Following Screen should appear.



- Click on Deployment and check the two newly installed EAR's are available and Health column should have the OK status for the EAR's



## 2.2.7 Application User Creation

Please refer to User creation utility instruction manual –  
(Oracle\_Banking\_Liquidity\_Management\_12 4 0 0 0\_Create\_User\_Utility\_Setup.pdf)

## 2.2.8 Configure SSL

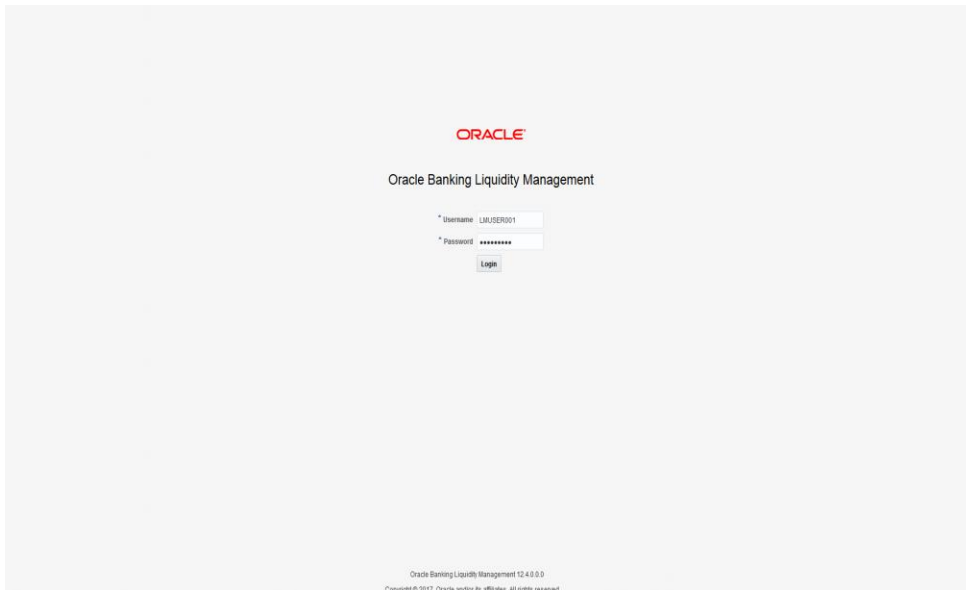
To Configure SSL, Please refer to the SSL Configuration Manual  
(Oracle\_Banking\_Liquidity\_Management\_12 4 0 0 0\_SSL\_Configuration.pdf)

## 2.2.9 Test Liquidity Management Application

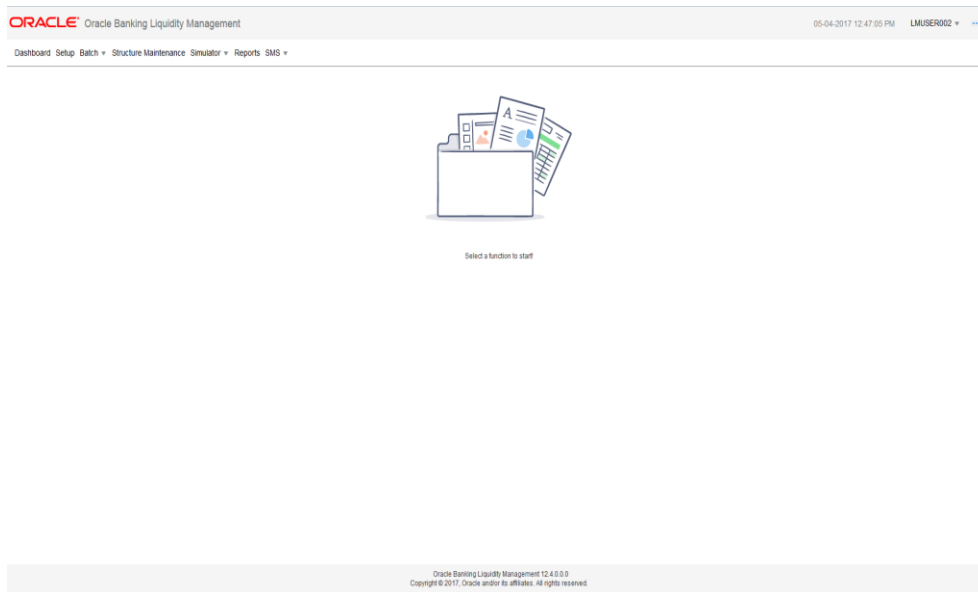
1. Open the Application in a New Tab in the Browser. The Following Screen should appear.



2. Enter the user credentials and click on Login

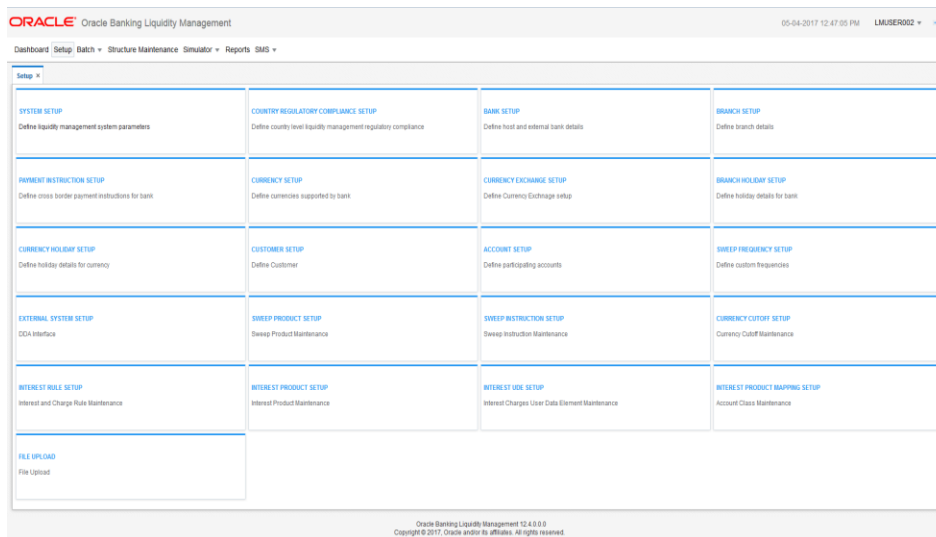


- After Logging into the application the following screen should appear.



- Click on any of the Menu Items. For Example: Click on **Setup** menu

The following screen should appear.



5. Select any of the items under **Setup** menu and do the necessary operations.

For Example select **System Setup**. The following screen should appear.

The screenshot shows the Oracle Banking Liquidity Management interface. At the top, the header includes the Oracle logo, the text "Oracle Banking Liquidity Management", the date and time "05-04-2017 12:47:05 PM", and the user name "LMUSER002". Below the header is a navigation menu with "Dashboard", "Setup", "Batch", "Structure Maintenance", "Simulator", "Reports", and "SMS". The "Setup" menu is expanded to show "System Setup".

The main content area is titled "Modify" and contains the following fields and options:

- System ID\*: LMS01
- Release Number\*: 1.0
- Instance Name\*: WELLS FARGO1
- Instance Description: WELLS FARGO1
- Instance Host Country\*: United States of America
- Region: AmericaNew\_York
- Multiple Bank Cash Concentration:
- Cross Border Pool:
- Cross Border Sweep:
- Cross Currency Pool:
- Cross Currency Sweep:
- Products:  PhysicalSweep  InterestPooling
- Action When Account is Blocked:  Stop Account  Stop Whole  Post  Structure

Below these fields is a "Custom Parameters" section with a table:

| Parameter           | Value | Description |
|---------------------|-------|-------------|
| No data to display. |       |             |

At the bottom of the form, there are fields for "Input By", "Date Time", "Modification Number", and "Open", along with "Authorized By", "Date Time", and "Authorized".

The footer of the page contains the text: "Oracle Banking Liquidity Management 12.4.0.0.0 Copyright © 2017, Oracle and/or its affiliates. All rights reserved."



Liquidity Management Application Setup  
Oracle Banking Liquidity Management  
Version 12.4.0.0.0  
[April] [2017]

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