

Report Server Installation and Configuration Guide
Oracle Banking Liquidity Management
Release 14.5.0.0.0
Part Number F41688-01
May 2021

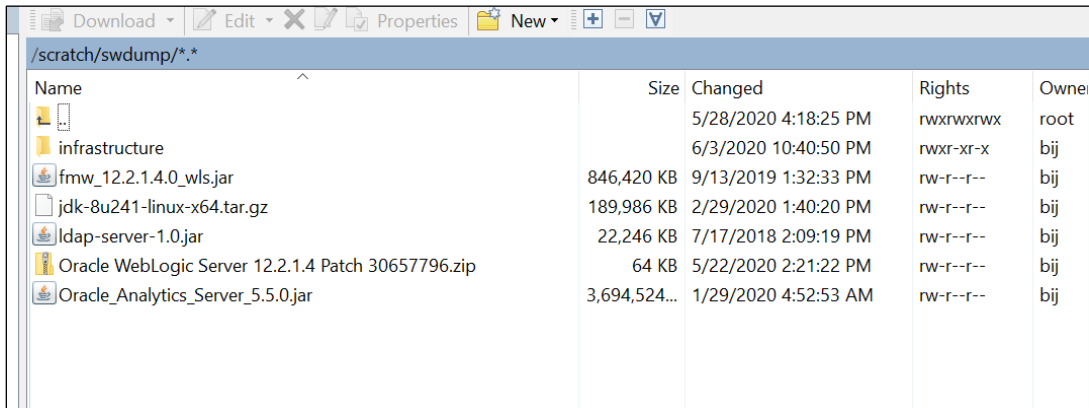


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1. STEPS TO INSTALL JDK

1. Copy the jdk-8u241-linux-x64.tar.gz to /scratch/swdump folder



Name	Size	Changed	Rights	Owner
infrastructure		5/28/2020 4:18:25 PM	rxwxrwxrwx	root
infrastructure		6/3/2020 10:40:50 PM	rxwxr-xr-x	bij
fmw_12.2.1.4.0_wls.jar	846,420 KB	9/13/2019 1:32:33 PM	rw-r--r--	bij
jdk-8u241-linux-x64.tar.gz	189,986 KB	2/29/2020 1:40:20 PM	rw-r--r--	bij
ldap-server-1.0.jar	22,246 KB	7/17/2018 2:09:19 PM	rw-r--r--	bij
Oracle WebLogic Server 12.2.1.4 Patch 30657796.zip	64 KB	5/22/2020 2:21:22 PM	rw-r--r--	bij
Oracle_Analytics_Server_5.5.0.jar	3,694,524...	1/29/2020 4:52:53 AM	rw-r--r--	bij

2. Go to /scratch/swdump/ and run the below command

```
tar -xzf jdk-8u241-linux-x64.tar.gz -C /scratch
```



```
bij@whf00qmswdump
login as: bij
bij@whf00qcm.in.oracle.com's password:
last login: Fri May 15 12:57:59 2020 from dhcp-10-191-233-99.vpn.oracle.com

To make changes, please use the "Host & Devices" widget on the Uno (uno.oraclecorp.com) portal.
Additional hosts may be reserved via the "Request Computing Resources" widget on the same site.

User: sasikumar.swamikkannu
Expires: None
Reservation type: iaas

Use:

Host specific info (below) - you can modify contents of /etc/motd_hostinfo as needed to update data:

[bij@whf00qcm ~]$ cd /scratch/swdump
[bij@whf00qcm swdump]$ tar -xzf jdk-8u241-linux-x64.tar.gz -C /scratch
jdk1.8.0_241/
jdk1.8.0_241/jre/
jdk1.8.0_241/jre/plugin/
jdk1.8.0_241/jre/plugin/desktop/
jdk1.8.0_241/jre/plugin/desktop/sun_java.png
jdk1.8.0_241/jre/plugin/desktop/sun_java.desktop
jdk1.8.0_241/jre/Welcome.html
jdk1.8.0_241/jre/THIRDPARTYLICENSEREADME.txt
jdk1.8.0_241/jre/THIRDPARTYLICENSEREADME-JAVAFX.txt
jdk1.8.0_241/jre/LICENSE
jdk1.8.0_241/jre/COPYRIGHT
jdk1.8.0_241/jre/lib/
jdk1.8.0_241/jre/lib/hijrah-config-umalqura.properties
jdk1.8.0_241/jre/lib/jexec
jdk1.8.0_241/jre/lib/launch.jar
jdk1.8.0_241/jre/lib/fontconfig.RedHat.5.properties.src
jdk1.8.0_241/jre/lib/management/
jdk1.8.0_241/jre/lib/management/snmp.acl.template
jdk1.8.0_241/jre/lib/management/jmxremote.password.template
jdk1.8.0_241/jre/lib/management/management.properties
jdk1.8.0_241/jre/lib/management/jmxremote.access
jdk1.8.0_241/jre/lib/fontconfig.SuSE.10.properties.src
jdk1.8.0_241/jre/lib/jvm.hprof.txt
jdk1.8.0_241/jre/lib/fontconfig.Turbo.bfc
jdk1.8.0_241/jre/lib/cmm/
```

```

bjj@whf00cqm:swdmp
jdk1.8.0_241/jre/lib/deplo.jar
jdk1.8.0_241/jre/lib/fontconfig.RedHat.5.properties.src
jdk1.8.0_241/jre/lib/management/
jdk1.8.0_241/jre/lib/management/snmp.acl.template
jdk1.8.0_241/jre/lib/management/jmxremote.password.template
jdk1.8.0_241/jre/lib/management/management.properties
jdk1.8.0_241/jre/lib/management/jmxremote.access
jdk1.8.0_241/jre/lib/fontconfig.SUSE.10.properties.src
jdk1.8.0_241/jre/lib/jvm.hotspot.txt
jdk1.8.0_241/jre/lib/fontconfig.Turbo.bfc
jdk1.8.0_241/jre/lib/cmm/
jdk1.8.0_241/jre/lib/cmm/GBA1.pf
jdk1.8.0_241/jre/lib/cmm/sRGB.pf
jdk1.8.0_241/jre/lib/cmm/LINEAR_RGB.pf
jdk1.8.0_241/jre/lib/cmm/PYCC.pf
jdk1.8.0_241/jre/lib/cmm/CIEXYZ.pf
jdk1.8.0_241/jre/lib/sound.properties
jdk1.8.0_241/jre/lib/classlist
jdk1.8.0_241/jre/lib/Images/
jdk1.8.0_241/jre/lib/Images/icons/
jdk1.8.0_241/jre/lib/Images/icons/sun-java.png
jdk1.8.0_241/jre/lib/Images/icons/sun-java_HighContrastInverse.png
jdk1.8.0_241/jre/lib/Images/icons/sun-java_LowContrast.png
jdk1.8.0_241/jre/lib/Images/icons/sun-java_HighContrast.png
jdk1.8.0_241/jre/lib/Images/cursors/
jdk1.8.0_241/jre/lib/Images/cursors/motif_CopyDrop32x32.gif
jdk1.8.0_241/jre/lib/Images/cursors/motif_MoveNoDrop32x32.gif
jdk1.8.0_241/jre/lib/Images/cursors/motif_LinkDrop32x32.gif
jdk1.8.0_241/jre/lib/Images/cursors/cursors.properties
jdk1.8.0_241/jre/lib/Images/cursors/motif_CopyNoDrop32x32.gif
jdk1.8.0_241/jre/lib/Images/cursors/motif_MoveDrop32x32.gif
jdk1.8.0_241/jre/lib/Images/cursors/motif_LinkNoDrop32x32.gif
jdk1.8.0_241/jre/lib/flavormap.properties
jdk1.8.0_241/jre/lib/fontconfig.SUSE.11.properties.src
jdk1.8.0_241/jre/lib/jfr/
jdk1.8.0_241/jre/lib/jfr/profile.jfc
jdk1.8.0_241/jre/lib/jfr/default.jfc
jdk1.8.0_241/jre/lib/calendars.properties
jdk1.8.0_241/jre/lib/fontconfig.SUSE.11.bfc
jdk1.8.0_241/jre/lib/fontconfig.bfc
jdk1.8.0_241/jre/lib/jfxwt.jar
jdk1.8.0_241/jre/lib/applet/
jdk1.8.0_241/jre/lib/fontconfig.RedHat.6.properties.src

```

3. Check for /scratch/jdk1.8.0_241 folder
4. After installing the java, set the path as below
 - set JAVA_HOME:
 - setenv JAVA_HOME /scratch/jdk1.8.0_241
 - echo \$JAVA_HOME
 - set PATH:
 - setenv PATH \$JAVA_HOME/bin:\$PATH
 - echo \$PATH

```

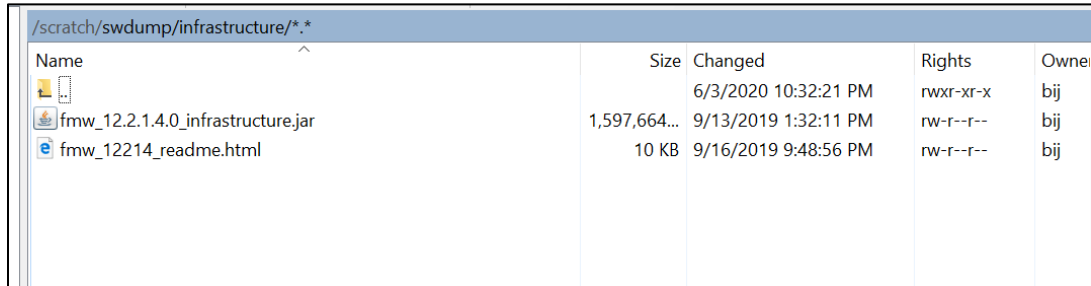
jdk1.8.0_241/include/linux/jawt_md.h
jdk1.8.0_241/include/jdwpTransport.h
jdk1.8.0_241/include/jvmti.h
jdk1.8.0_241/include/jvmticmlr.h
[bjj@whf00cqm swdmp]$ setenv JAVA_HOME /scratch/jdk1.8.0_241
[bjj@whf00cqm swdmp]$ echo $JAVA_HOME
/scratch/jdk1.8.0_241
[bjj@whf00cqm swdmp]$ setenv PATH $JAVA_HOME/bin:$PATH
[bjj@whf00cqm swdmp]$ echo $PATH
/scratch/jdk1.8.0_241/bin:/usr/bin:/usr/dev_infra/platform/bin:/usr/dev_infra/generic/bin:/usr/local/bin:/usr/X11R6/bin:/usr/local/adb/bin

```


2. STEPS TO INSTALL WEBLOGIC SERVER

WEBLOGIC SERVER INFRASTRUCTURE “fmw_12.2.1.4.0_infrastructure.jar”

1. Copy fmw_12.2.1.4.0_infrastructure.jar to /scratch/swdump/infrastructure



Name	Size	Changed	Rights	Owner
		6/3/2020 10:32:21 PM	rxr-xr-x	bjj
fmw_12.2.1.4.0_infrastructure.jar	1,597,664...	9/13/2019 1:32:11 PM	rw-r--r--	bjj
fmw_12214_readme.html	10 KB	9/16/2019 9:48:56 PM	rw-r--r--	bjj

2. Go to /scratch/swdump
3. Set the java path as below

set JAVA_HOME:

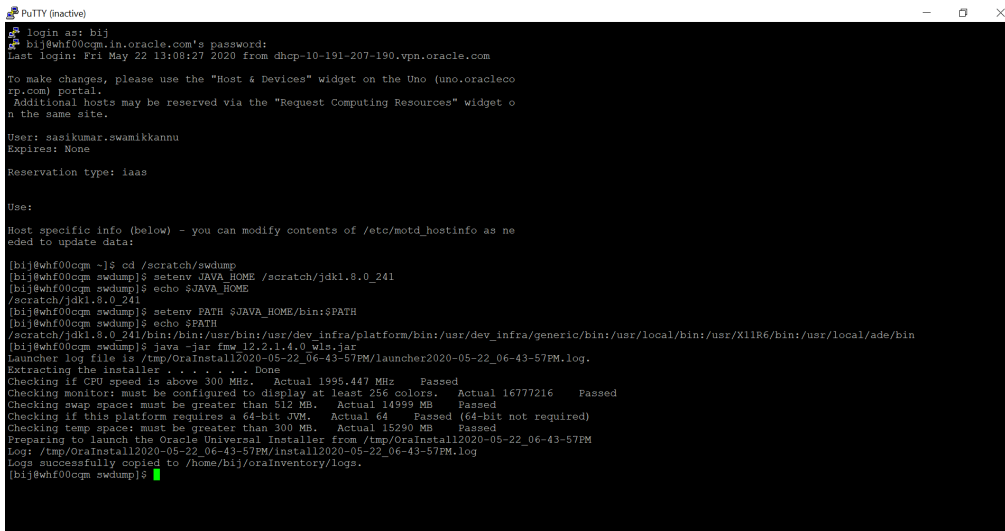
```
setenv JAVA_HOME /scratch/jdk1.8.0_241
```

```
echo $JAVA_HOME
```

set PATH:

```
setenv PATH $JAVA_HOME/bin:$PATH
```

```
echo $PATH
```



```
login as: bji
bjj@whf00cqm.in.oracle.com's password:
Last login: Fri May 22 13:08:27 2020 from dhcp-10-191-207-190.vpn.oracle.com

To make changes, please use the "Host & Devices" widget on the Uno (uno.oracleco
rp.com) portal.
Additional hosts may be reserved via the "Request Computing Resources" widget o
n the same site.

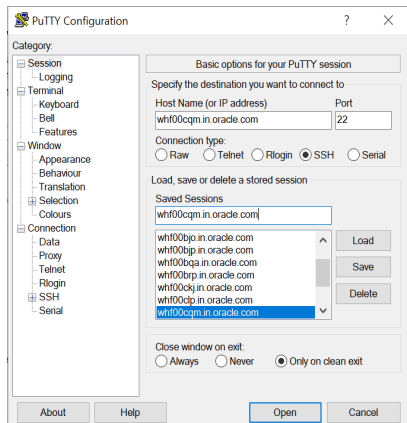
User: saskumar.swamikkannu
Expires: None
Reservation type: iaas

Use:
Host specific info (below) - you can modify contents of /etc/motd_hostinfo as ne
eded to update data:

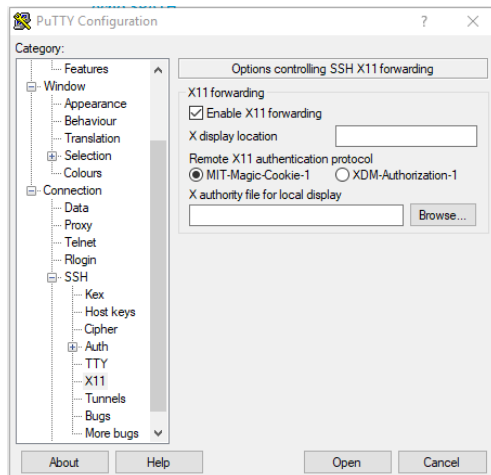
[bjj@whf00cqm ~]$ cd /scratch/swdump
[bjj@whf00cqm swdump]$ setenv JAVA_HOME /scratch/jdk1.8.0_241
[bjj@whf00cqm swdump]$ echo $JAVA_HOME
/scratch/jdk1.8.0_241
[bjj@whf00cqm swdump]$ setenv PATH $JAVA_HOME/bin:$PATH
[bjj@whf00cqm swdump]$ echo $PATH
/scratch/jdk1.8.0_241/bin:/usr/bin:/usr/local/bin:/usr/local/ade/bin
[bjj@whf00cqm swdump]$ java -jar fmw_12.2.1.4.0_wls.jar
Launching log file is /tmp/OraInstall2020-05-22_06-43-57PM/launcher2020-05-22_06-43-57PM.log.
Extracting the installer . . . . . Done
Checking if CPU speed is above 300 MHz. Actual 1995.447 MHz Passed
Checking monitor: must be configured to display at least 256 colors. Actual 16777216 Passed
Checking swap space: must be greater than 512 MB. Actual 14959 MB Passed
Checking if this platform requires a 64-bit JVM. Actual 64 Passed (64-bit not required)
Checking temp space: must be greater than 300 MB. Actual 15290 MB Passed
Preparing to launch the Oracle Universal Installer from /tmp/OraInstall2020-05-22_06-43-57PM
Log: /tmp/OraInstall2020-05-22_06-43-57PM/Install2020-05-22_06-43-57PM.log
Logs successfully copied to /home/bji/orainventory/logs.
[bjj@whf00cqm swdump]$
```

4. Run Xming with x11 forwarding option

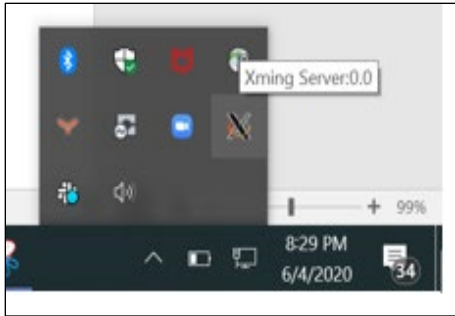
- Download Xming
- Start Xming by double-clicking on the Xming icon
- Open the PuTTY session configuration window
- Open the session category, specify a host name (whf00cqm.in.oracle.com) you want to connect to



- In the PuTTY configuration window, select "Connection → SSH → X11 → Enable x11 forwarding"
- Make sure that the "Enable X11 forwarding" box is checked



5. "Xming" should be active before run the command `java -jar fmw_12.2.1.4.0_infrastructure.jar`



6. Run the command `java -jar fmw_12.2.1.4.0_infrastructure.jar`

```
PUTTY (inactive)
login as: bij
bij@whf00cqm.in.oracle.com's password:
Last login: Fri May 22 13:08:27 2020 from dhcp-10-191-207-190.vpn.oracle.com

To make changes, please use the "Host & Devices" widget on the Uno (uno.oracleco
rp.com) portal.
Additional hosts may be reserved via the "Request Computing Resources" widget o
n the same site.

User: sasikumar.swamikkanu
Expires: None

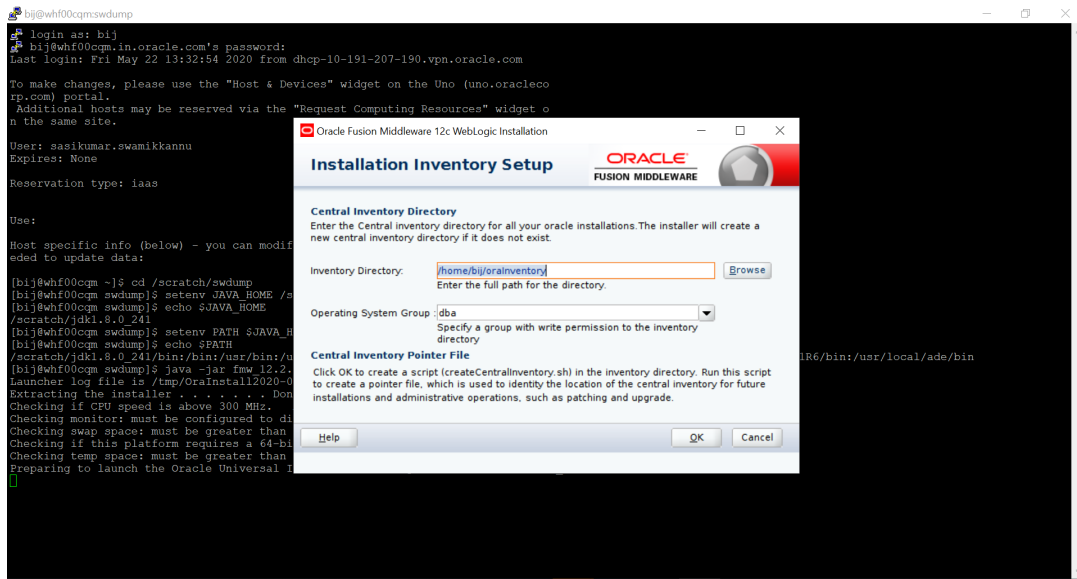
Reservation type: iaas

Use:

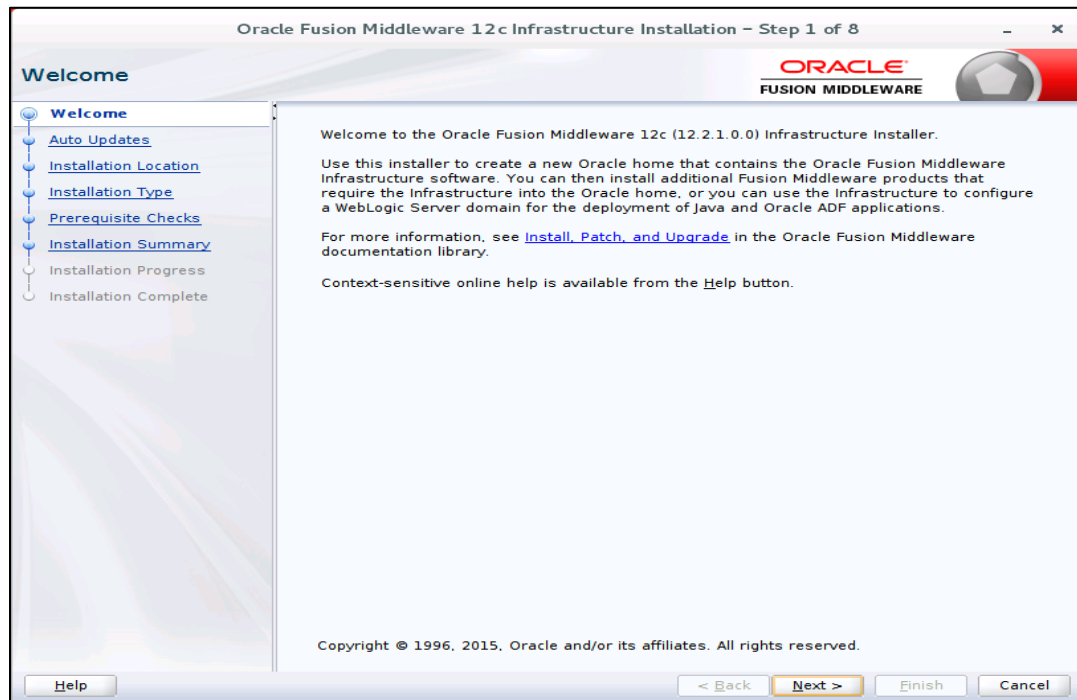
Host specific info (below) - you can modify contents of /etc/motd_hostinfo as ne
eded to update data:

[bij@whf00cqm ~]$ cd /scratch/swdump
[bij@whf00cqm swdump]$ setenv JAVA_HOME /scratch/jdk1.8.0_241
[bij@whf00cqm swdump]$ echo $JAVA_HOME
/scratch/jdk1.8.0_241
[bij@whf00cqm swdump]$ setenv PATH $JAVA_HOME/bin:$PATH
[bij@whf00cqm swdump]$ echo $PATH
/scratch/jdk1.8.0_241/bin:/usr/bin:/usr/dev_infra/platform/bin:/usr/dev_infra/generic/bin:/usr/local/bin:/usr/X11R6/bin:/usr/local/ade/bin
[bij@whf00cqm swdump]$ java -jar fmw_12.2.1.4.0_wls.jar
Launcher log file is /tmp/OraInstall2020-05-22_06-43-57PM/launcher2020-05-22_06-43-57PM.Log.
Extracting the installer . . . . . Done
Checking if CPU speed is above 300 MHz. Actual 1995.447 MHz Passed
Checking monitor: must be configured to display at least 256 colors. Actual 16777216 Passed
Checking swap space: must be greater than 512 MB. Actual 14999 MB Passed
Checking if this platform requires a 64-bit JVM. Actual 64 Passed (64-bit not required)
Checking temp space: must be greater than 300 MB. Actual 15290 MB Passed
Preparing to launch the Oracle Universal Installer from /tmp/OraInstall2020-05-22_06-43-57PM
Log: /tmp/OraInstall2020-05-22_06-43-57PM/install2020-05-22_06-43-57PM.Log
Logs successfully copied to /home/bij/orainventory/logs.
[bij@whf00cqm swdump]$
```

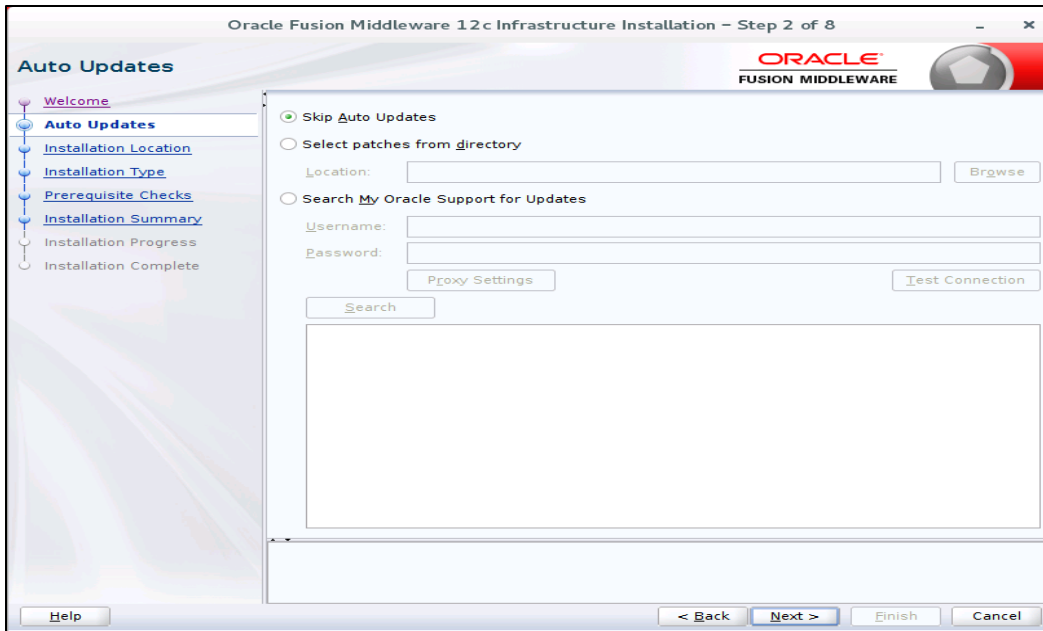
7. After the installer extracts files, Xming will show the graphical Oracle Universal Installer starts.



8. On the Welcome screen of the installer, click **Next**.



9. On the Auto Updates screen, leave **Skip Auto Updates** selected.

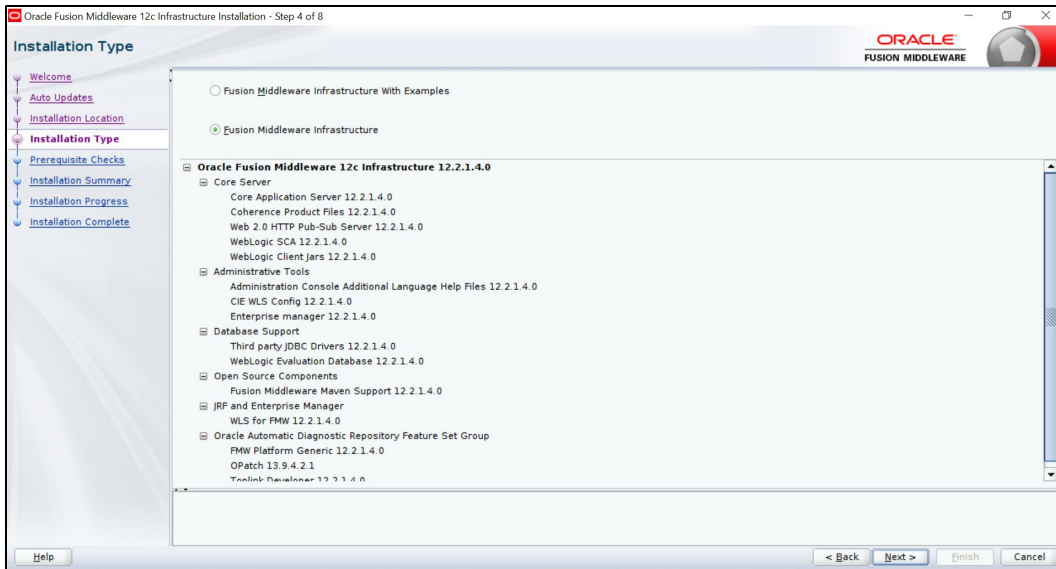


10. On the Installation Location screen, enter the location for Oracle Home as below and click on NEXT.

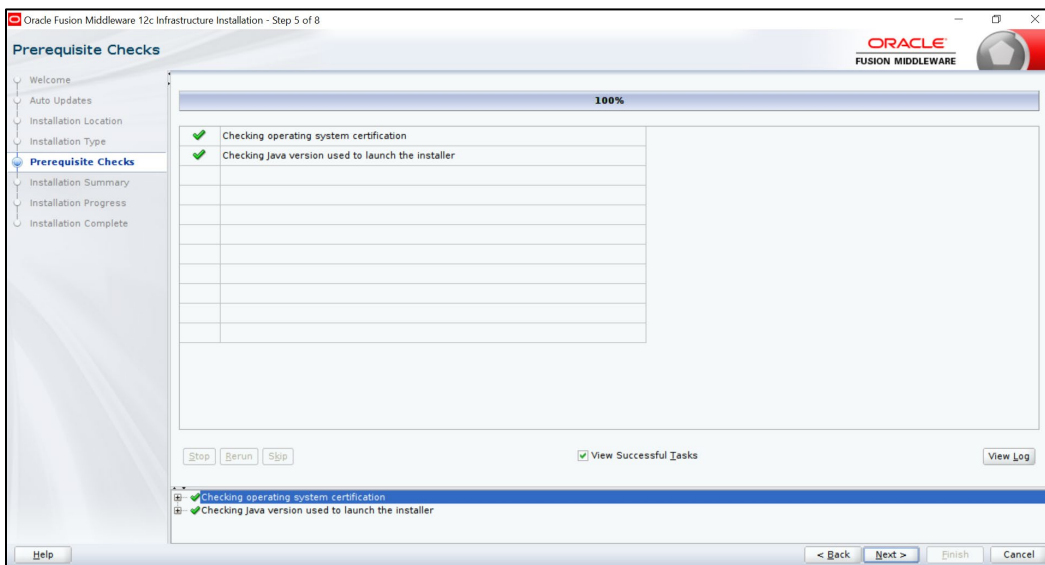
ORACLE_HOME → /scratch/work_area/Oracle/Middleware/Oracle_Home



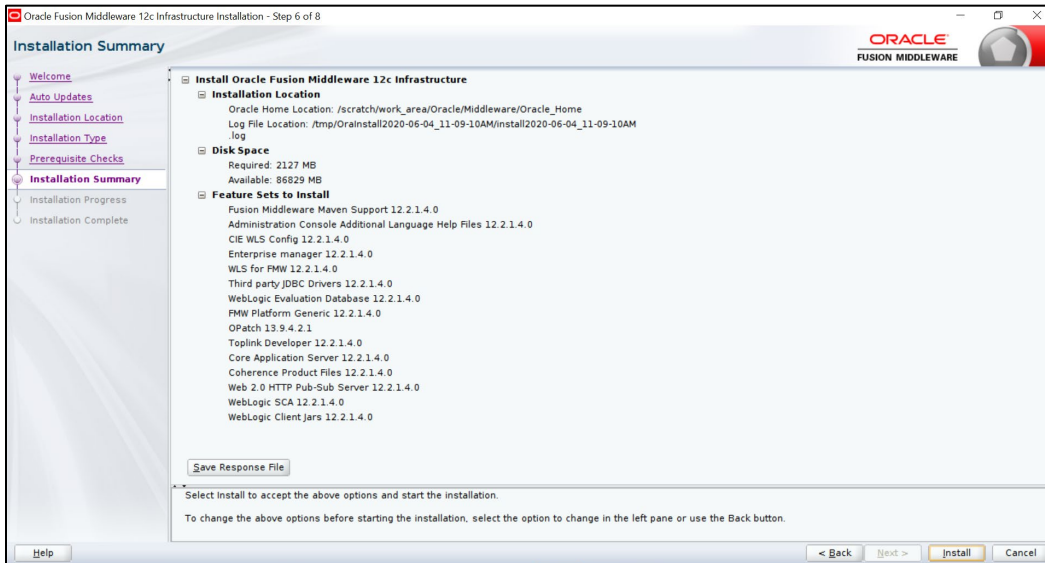
11. On the Installation Type screen, select **Fusion Middleware Infrastructure**, and then click **Next**.



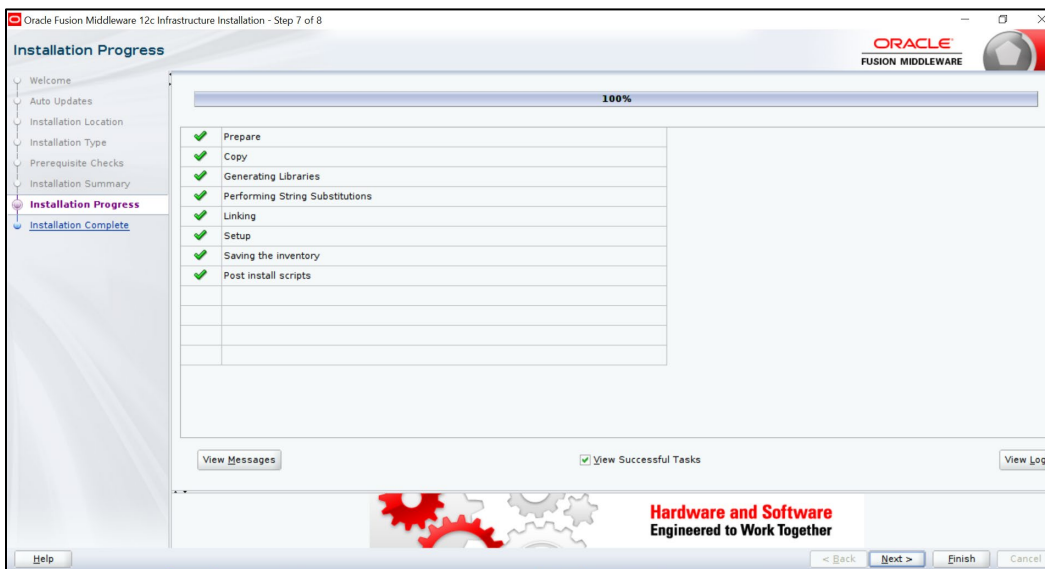
12. On the Prerequisite Checks screen, wait for all checks to complete successfully, and then click **Next**.



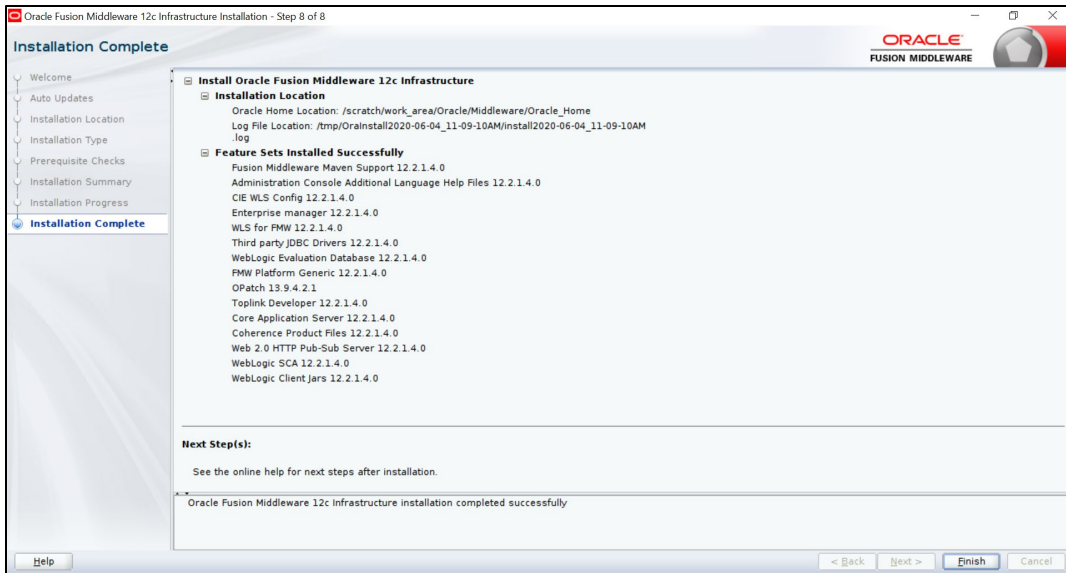
13. On the Installation Summary screen, review the installation information. If everything is acceptable, click **Install**.



14. On the Installation Progress screen, wait for the progress bar to reach 100%, and then click **Next**.



15. On the Installation Complete screen click **Finish**.



STEPS TO CREATING A WEBLOGIC DOMAIN:

1. Go to /scratch/work_area/Oracle/Middleware/Oracle_Home/oracle_common/common/bin/ and run the below command for domain setup

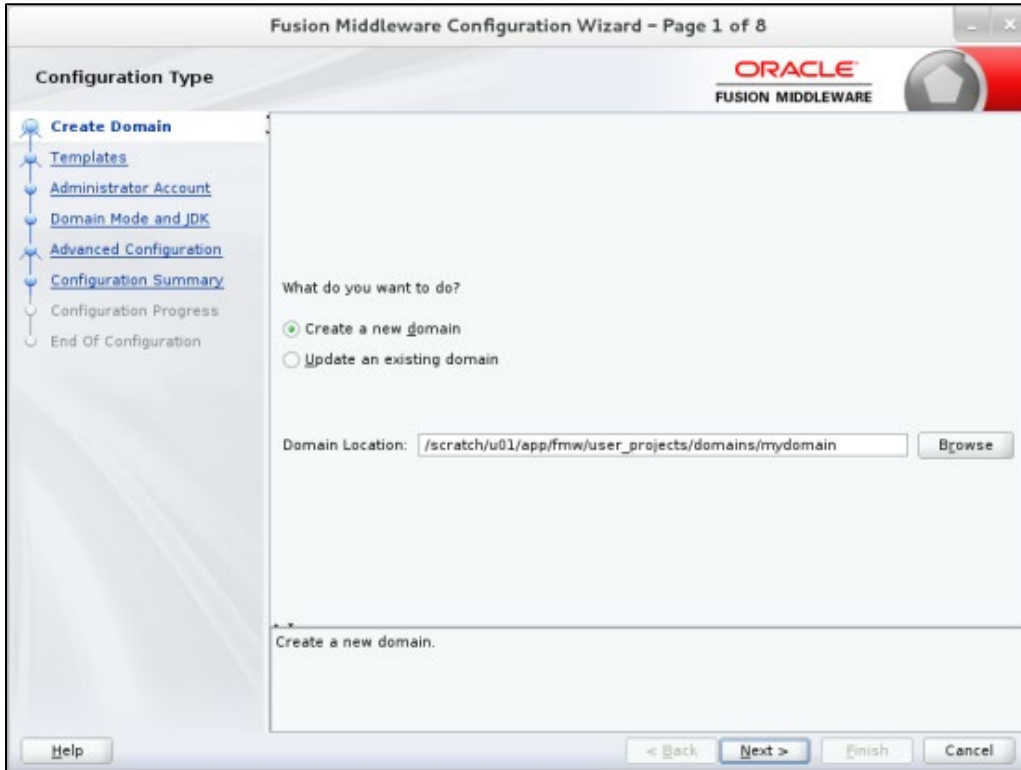
```
$>cd/scratch/work_area/Oracle/Middleware/Oracle_Home/oracle_common/common/bin/
```

```
$>./config.sh
```

The Configuration Wizard opens.

2. On the Configuration Type page, provide the following information, and click **Next**:

- Select **Create a new domain**.
- Give the domain name and location

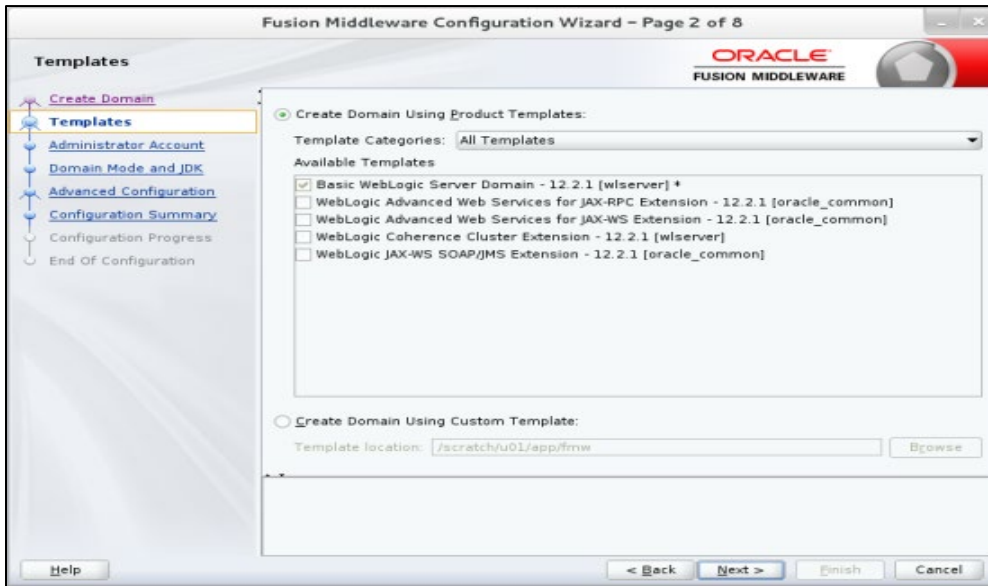


3. On the Templates page, select the below options, and click **Next**:

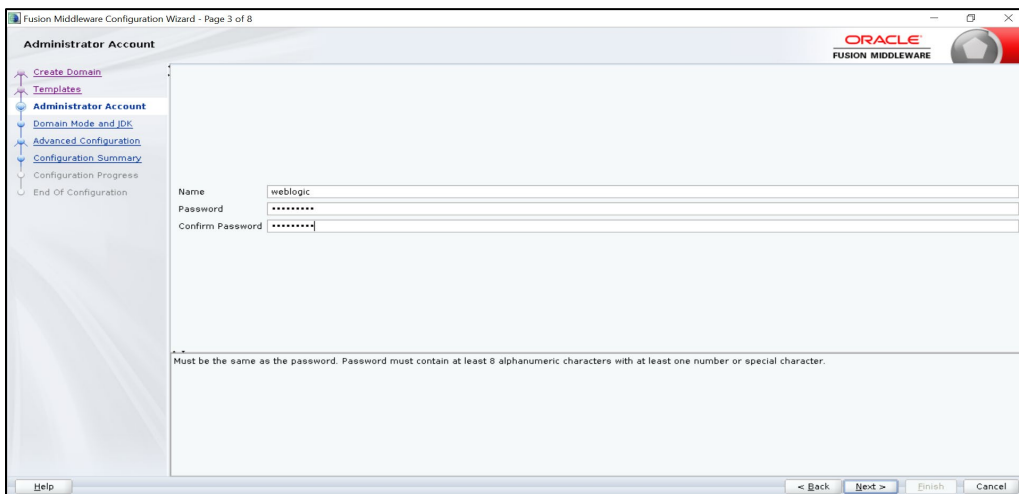
Select “Create Domain Using Product Templates”

All Templates: Selected for Template Categories

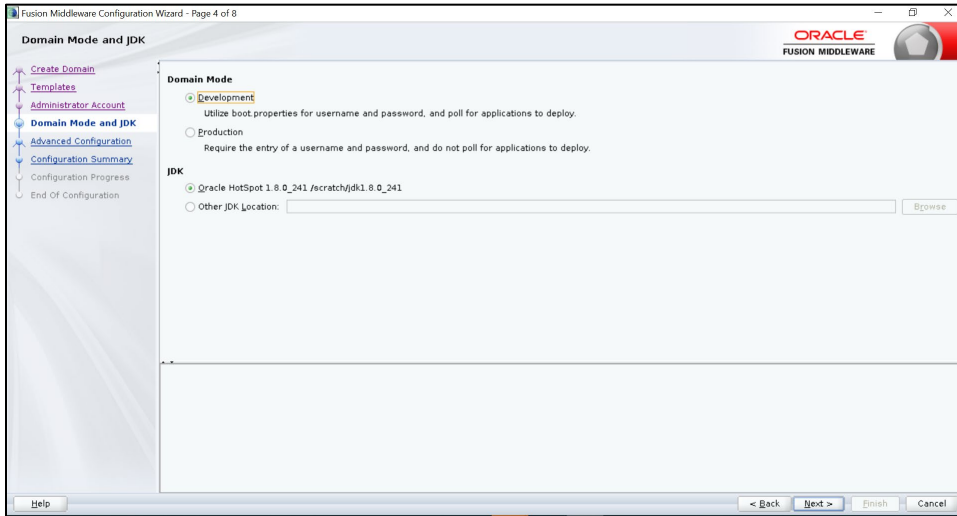
Under Available Templates select “Basic WebLogic Server Domain”



4. On the Administrator Account page, enter a name and a password, confirm the password, and then click **Next**.



5. On the Domain Mode and JDK page, select Domain Mode: **Development** and then click **Next**.



6. On the Advanced Configuration page, select "Administration server", and click on **Next**



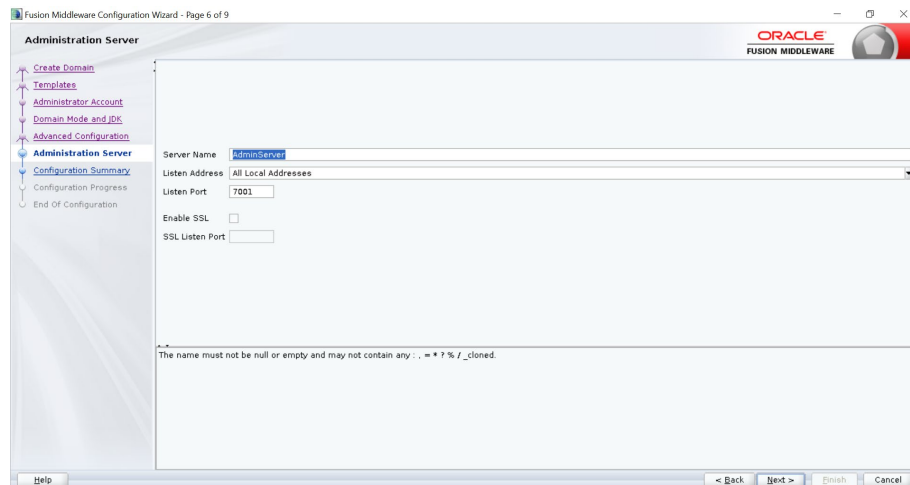
7. On the Administration Server page, enter the following values, and click **Next**:

Server Name: AdminServer (which is the default value)

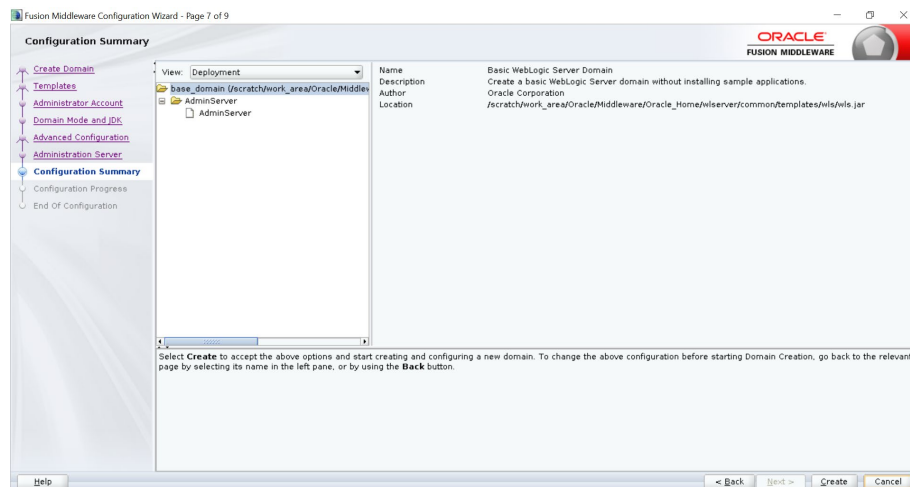
Listen Address: All Local Addresses

Listen Port: 7001

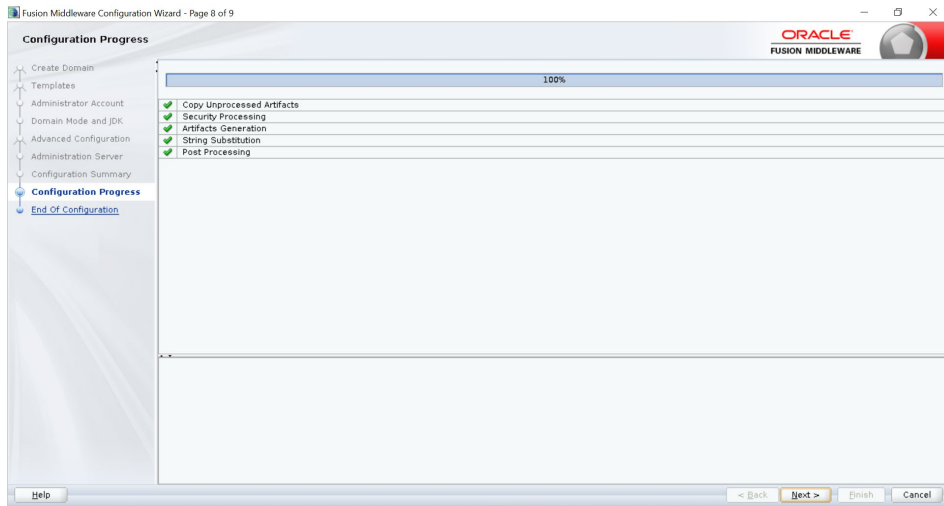
Enable SSL: Deselected



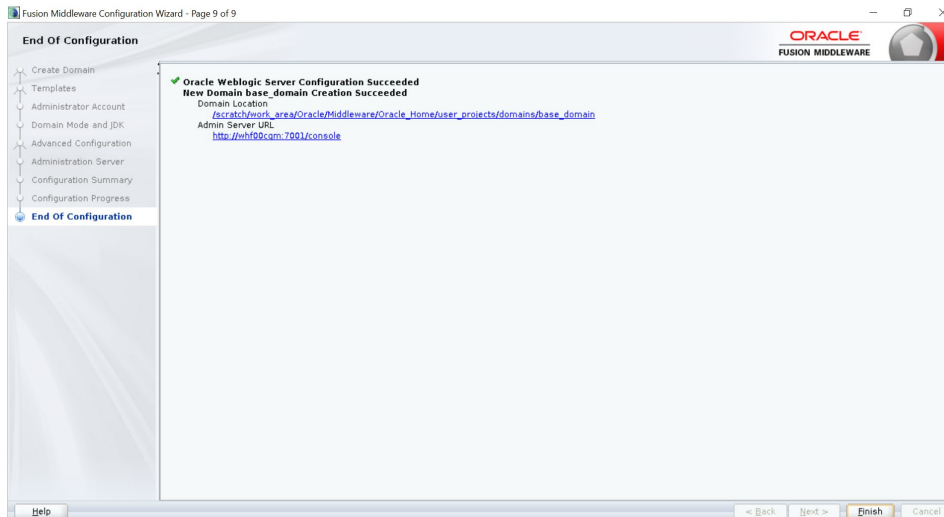
8. On the Configuration Summary page, click **Create**.



9. On the Configuration Progress page, click **Next** after the progress bar reaches 100%.

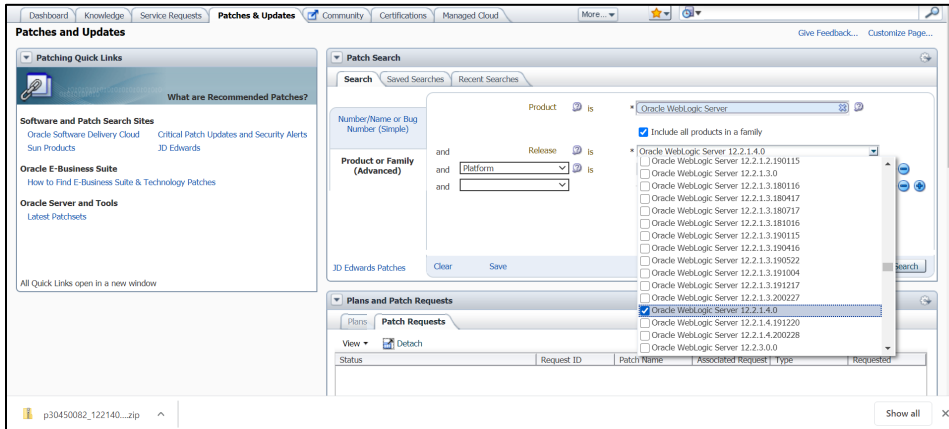


10. On the Configuration Success page, make note of the domain location and the URL of the administration console, and then click **Finish**.

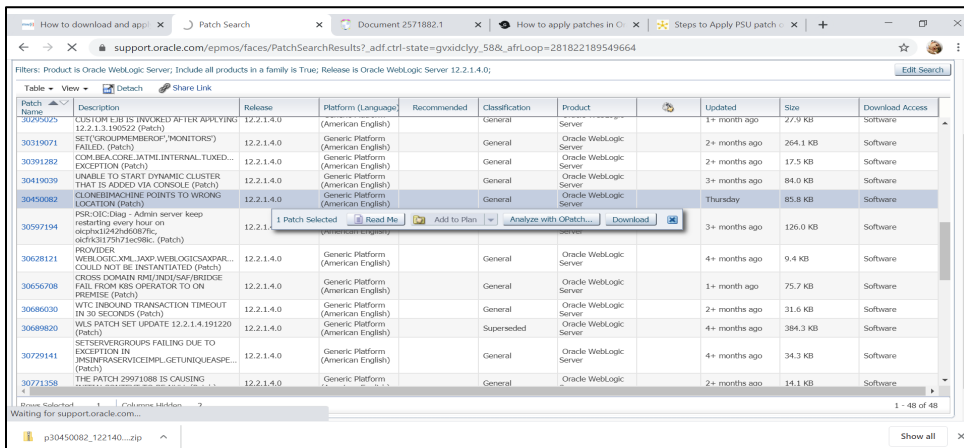


3. STEPS TO APPLY PATCH ON ORACLE WEBLOGIC SERVER

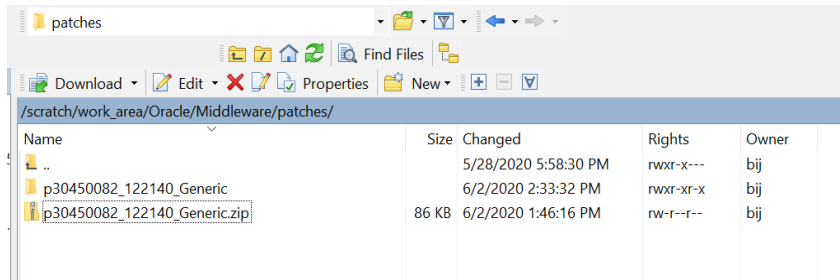
- Download patch from Oracle Support portal (support.oracle.com)
 - Go to Patches & Updates tab
 - Select Product or Family (Advances)
 - Search for your patch using the Name of Bug / Number of Patch (or) you can search by product (e.g: "Oracle WebLogic server 12.2.1.4.0")



- Select the patch and download the zip file.



- Copy the downloaded zip file to any directory in your server (whf00cqm.in.oracle.com). Preferably create a new folder and unzip the files in there.



- Go to the patch directory path and run the below command to unzip the patch.

```
$ cd /scratch/work_area/Oracle/Middleware/patches
```

```
$ unzip p30450082_122140_Generic.zip
```

Once you download the patch go to README.txt file to apply the patch.

```

bj@whf00cqm:6880880
Additional hosts may be reserved via the "Request Computing Resources" widget on the same site.
User: saskumar.swamikannu
Expires: None
Reservation type: iaas

Use:
Host specific info (below) - you can modify contents of /etc/motd_hostinfo as needed to update data:
[bj@whf00cqm ~]$ cd /scratch/PATCH_HOME
[bj@whf00cqm PATCH_HOME]$ unzip p28186730_139422_Generic.zip
Archive: p28186730_139422_Generic.zip
  creating: 6880880/
    inflating: 6880880/README.txt
    inflating: 6880880/opatch_generic.jar
    inflating: 6880880/version.txt
[bj@whf00cqm PATCH_HOME]$ cd 6880880
[bj@whf00cqm 6880880]$ ls -ltrl
total 4592
-rw-r--r-- 1 bj dba    10 Jan 16 21:40 version.txt
-rw-r--r-- 1 bj dba 46772543 Jan 16 21:40 opatch_generic.jar
-rw-r--r-- 1 bj dba    6441 Jan 24 11:51 README.txt
[bj@whf00cqm 6880880]$ setenv JAVA_HOME /scratch/jdk1.8.0_241
[bj@whf00cqm 6880880]$ echo $JAVA_HOME
/scratch/jdk1.8.0_241
[bj@whf00cqm 6880880]$ setenv PATH $JAVA_HOME/bin:$PATH
[bj@whf00cqm 6880880]$ echo $PATH
/scratch/jdk1.8.0_241/bin:/usr/bin:/usr/dev_infra/platform/bin:/usr/dev_infra/generic/bin:/usr/local/bin:/usr/X11R6/bin:/usr/local/ade/bin
[bj@whf00cqm 6880880]$ export ORACLE_HOME=/scratch/work_area/Oracle/Middleware/Oracle_Home
export: Command not found.
[bj@whf00cqm 6880880]$ set export ORACLE_HOME=/scratch/work_area/Oracle/Middleware/Oracle_Home
[bj@whf00cqm 6880880]$ set ORACLE_HOME=/scratch/work_area/Oracle/Middleware/Oracle_Home
[bj@whf00cqm 6880880]$ set PATH=$ORACLE_HOME/OPatch:$PATH
[bj@whf00cqm 6880880]$ echo $PATH
/scratch/work_area/Oracle/Middleware/Oracle_Home/OPatch:/scratch/jdk1.8.0_241/bin:/usr/bin:/usr/dev_infra/platform/bin:/usr/dev_infra/generic/bin:/usr/local/bin:/usr/X11R6/bin:/usr/local/ade/bin
[bj@whf00cqm 6880880]$ $ORACLE_HOME/OPatch/opatch version
OPatch Version: 13.9.4.2.1
OPatch succeeded.
[bj@whf00cqm 6880880]$

```

- Before applying the patch take backup of ORACLE_HOME.

6. Set the path of ORACLE_HOME and JAVA_HOME

```
setenv JAVA_HOME /scratch/work_area/Oracle/Middleware/Oracle_Home/jdk
```

```
setenv PATH $JAVA_HOME/bin:$PATH
```

```
setenv ORACLE_HOME /scratch/work_area/Oracle/Middleware/Oracle_Home
```

```
setenv PATH $ORACLE_HOME/OPatch:$PATH
```

```
Use:
Host specific info (below) - you can modify contents of /etc/motd_hostinfo as ne
eded to update data:

[bi]@whf00cqm ~]$ setenv JAVA_HOME /scratch/work_area/Oracle/Middleware/Oracle_Home/jdk
[bi]@whf00cqm ~]$ setenv PATH $JAVA_HOME/bin:$PATH
[bi]@whf00cqm ~]$ setenv ORACLE_HOME /scratch/work_area/Oracle/Middleware/Oracle_Home
[bi]@whf00cqm ~]$ setenv PATH $ORACLE_HOME/OPatch:$PATH
[bi]@whf00cqm ~]$ echo $PATH
/scratch/work_area/Oracle/Middleware/Oracle_Home/OPatch:/scratch/work_area/Oracle/Middleware/Oracle_Home/jdk/bin:bin:usr/bin:usr/dev_infra/platform/bin:/
sr/dev_infra/generic/bin:usr/local/bin:usr/X11R6/bin:usr/local/ade/bin
[bi]@whf00cqm ~]$ cd /scratch/work_area/Oracle/Middleware/Oracle_Home/OPatch
[bi]@whf00cqm OPatch]$ ./opatch version
OPatch Version: 13.9.4.2.2

OPatch succeeded.
[bi]@whf00cqm OPatch]$ ./opatch version -jdk $ORACLE_HOME/jdk
OPatch Version: 13.9.4.2.2

OPatch succeeded.
```

7. Download the suitable version and install it using below command.

For weblogic 12.2.1.4.0 version install the below patch (6880880) and then check for opatch version.



p31101362_1394002_Generic.zip

To install the patch for your server, use the below command.

UNIX Only:

```
Java -jar <PATCH_HOME>/6880880/opatch_generic.jar -silent oracle_home=<ORACLE_HOME_LOCATION>
```

```
bi@whf00cqm:~$ java -jar <PATCH_HOME>/6880880/opatch_generic.jar -silent oracle_home=/scratch/work_area/Oracle/Middleware/Oracle_Home
PATCH HOME: No such file or directory.
[bi]@whf00cqm ~]$ java -jar /scratch/PATCH_HOME/6880880/opatch_generic.jar -silent oracle_home=/scratch/work_area/Oracle/Middleware/Oracle_Home
Launcher log file is /tmp/Orainstall2020-05-26_02-32-45PM/launcher2020-05-26_02-32-45PM.log.
Extracting the installer . . . Done
Checking if CPU speed is above 300 MHz. Actual 1995.447 MHz. Passed
Checking swap space: must be greater than 512 MB. Actual 14999 MB. Passed
Checking if this platform requires a 64-bit JVM. Actual 64. Passed (64-bit not required)
Checking temp space: must be greater than 300 MB. Actual 15128 MB. Passed
Preparing to launch the Oracle Universal Installer from /tmp/Orainstall2020-05-26_02-32-45PM
Installation Summary

Disk Space : Required 35 MB, Available 67,406 MB
Feature Sets to Install:
Next Generation Install Core 13.9.4.0.0
OPatch 13.9.4.2.2
OPatch Auto OPatch 13.9.4.2.2
OPatch Auto PFW 13.9.4.2.2
Session log file is /tmp/Orainstall2020-05-26_02-32-45PM/install2020-05-26_02-32-45PM.log

Loading products list. Please wait.
1%
40%
Loading products. Please wait.
42%
43%
44%
45%
46%
47%
48%
49%
50%
51%
52%
53%
54%
55%
56%
57%
58%
59%
60%
61%
62%
```



```
bj@whf00qcm6880880
96%
97%
98%
99%
Updating Libraries

Starting Installations
1%
2%
3%
4%
5%
6%
7%
8%
9%
10%
11%
12%
13%
14%
15%
16%
17%
18%
19%
20%
21%
22%
23%
24%
25%
26%
27%
28%
29%
30%
31%
32%
33%
34%
```

```
bj@whf00qcm6880880
35%
Install pending
Installation in progress
Component : oracle.commons.cli.commons.cli 1.3.1.0.0
Copying files for oracle.commons.cli.commons.cli 1.3.1.0.0
Component : oracle.nginst.common 13.9.4.0.0
Copying files for oracle.nginst.common 13.9.4.0.0
Component : oracle.nginst.core 13.9.4.0.0
Copying files for oracle.nginst.core 13.9.4.0.0
Component : oracle.nginst.thirdparty 13.9.4.0.0
Copying files for oracle.nginst.thirdparty 13.9.4.0.0
Component : oracle.swd.opatch 13.9.4.2.2
Copying files for oracle.swd.opatch 13.9.4.2.2
Component : oracle.glm.osys.core 13.9.1.0.0
Copying files for oracle.glm.osys.core 13.9.1.0.0
Component : oracle.glm.oplan.core 13.9.4.2.0
Copying files for oracle.glm.oplan.core 13.9.4.2.0
Install successful
Post feature install pending
Post Feature installing
Feature Set : glm_common_logging_lib
Post Feature installing glm_common_logging_lib
```

```
bj@whf00qcm6880880
Component : oracle.glm.oplan.core 13.9.4.2.0
String substituting oracle.glm.oplan.core 13.9.4.2.0
String substitutions complete
Link pending
Linking in progress
Component : oracle.commons.cli.commons.cli 1.3.1.0.0
Linking oracle.commons.cli.commons.cli 1.3.1.0.0
Component : oracle.nginst.common 13.9.4.0.0
Linking oracle.nginst.common 13.9.4.0.0
Component : oracle.nginst.core 13.9.4.0.0
Linking oracle.nginst.core 13.9.4.0.0
Component : oracle.nginst.thirdparty 13.9.4.0.0
Linking oracle.nginst.thirdparty 13.9.4.0.0
Component : oracle.swd.opatch 13.9.4.2.2
Linking oracle.swd.opatch 13.9.4.2.2
Component : oracle.glm.osys.core 13.9.1.0.0
Linking oracle.glm.osys.core 13.9.1.0.0
Component : oracle.glm.oplan.core 13.9.4.2.0
Linking oracle.glm.oplan.core 13.9.4.2.0
Linking in progress
Link successful
Setup pending
```

8. After installing the patch check the opatch version

Run the below command from opatch folder to check the version

```
$ cd /scratch/work_area/Oracle/Middleware/Oracle_Home/OPatch
```

```
$ ./opatch version
```

```
[bij@whf00cqm ~]$ cd /scratch/work_area/Oracle/Middleware/Oracle_Home/OPatch
[bij@whf00cqm OPatch]$ ./opatch version
OPatch Version: 13.9.4.2.2
OPatch succeeded.
```

```
[bij@whf00cqm ~]$ cd /scratch/PATCH_HOME
[bij@whf00cqm PATCH_HOME]$ unzip p28186730_139422_Generic.zip
Archive:  p28186730_139422_Generic.zip
  creating: 6880880/
  inflating: 6880880/README.txt
  inflating: 6880880/opatch_generic.jar
  inflating: 6880880/version.txt
[bij@whf00cqm PATCH_HOME]$ cd 6880880
[bij@whf00cqm 6880880]$ ls -lrt
total 45692
-rw-r--r-- 1 bij dba      10 Jan 16 21:40 version.txt
-rw-r--r-- 1 bij dba 46772543 Jan 16 21:40 opatch_generic.jar
-rw-rw-r-- 1 bij dba      6441 Jan 24 11:51 README.txt
```

9. To validate the installation:

```
cd <ORACLE_HOME>/OPatch
```

./opatch version => To check the installed version

./opatch lspatches => Prints a summary of all installed patches.

```
[bij@whf00cqm OPatch]$ $ORACLE_HOME/OPatch/opatch lspatches
There are no Interim patches installed in this Oracle Home "/scratch/work_area/Oracle/Middleware/Oracle_Home".
OPatch succeeded.
[bij@whf00cqm OPatch]$
```

./opatch lsinventory => To verify what patches have been applied to an Oracle home, or to find out additional information about the Oracle home

```
[bij@whf00cqm OPatch]$ ./opatch lsinventory
Oracle Interim Patch Installer version 13.9.4.2.2
Copyright (c) 2020, Oracle Corporation. All rights reserved.

Oracle Home      : /scratch/work_area/Oracle/Middleware/Oracle_Home
Central Inventory : /home/bij/orainventory
   from           : /scratch/work_area/Oracle/Middleware/Oracle_Home/orainst.loc
OPatch version   : 13.9.4.2.2
OUI version      : 13.9.4.0.0
Log file location : /scratch/work_area/Oracle/Middleware/Oracle_Home/cfgtoollogs/opatch/opatch2020-06-02_16-45-28PM_1.log

OPatch detects the Middleware Home as "/scratch/work_area/Oracle/Middleware/Oracle_Home"
lsinventory Output file location : /scratch/work_area/Oracle/Middleware/Oracle_Home/cfgtoollogs/opatch/lsinv/lsinventory2020-06-02_16-45-28PM.txt

-----
Local Machine Information:
HostName: whf00cqm.in.oracle.com
ARU platform id: 226
ARU platform description: Linux x86-64

Interim patches (1) :
Patch 30450082      : applied on Tue Jun 02 15:44:40 IST 2020
Unique Patch ID: 23593142
Patch description: "One-off"
   Created on 27 May 2020, 21:29:46 hrs EST8PDT
   Bugs fixed:
     30450082
-----

OPatch succeeded.
[bij@whf00cqm OPatch]$
```

10. Verify the OUI Inventory.

OPatch needs access to a valid OUI inventory to apply patches.

Validate the OUI inventory with the following commands:

Run the below commands from opatch folder

```
$ cd /scratch/work_area/Oracle/Middleware/Oracle_Home/OPatch
```

```
$ opatch lsinventory -jre $ORACLE_HOME/jdk/jre
```

```
bj@whf00cqm:30450082
O: Command not found.
[bi@whf00cqm Opatch]$ ./opatch apply
Oracle Interim Patch Installer version 13.9.4.2.2
Copyright (c) 2020, Oracle Corporation. All rights reserved.

ZOP-51: The patch location is not valid for apply, because it doesn't have correct metadata, or it points to a patch directory.
Argument(s) Error... Patch location is not valid for apply

Please check the arguments and try again.

OPatch failed with error code 135
[bi@whf00cqm Opatch]$ opatch lsinventory -jre $ORACLE_HOME/oracle_common/jdk/jre
/scratch/work_area/Oracle/Middleware/Oracle_Home/Oracle_Common/jdk/jre/bin/java is not a valid executable for this platform. OPatch cannot proceed!
OPatch returns with error code = 1
[bi@whf00cqm Opatch]$ opatch lsinventory -jre $ORACLE_HOME/jdk/jre
Oracle Interim Patch Installer version 13.9.4.2.2
Copyright (c) 2020, Oracle Corporation. All rights reserved.

Oracle Home      : /scratch/work_area/Oracle/Middleware/Oracle_Home
Central Inventory : /home/bj/orainventory
   from           : /scratch/work_area/Oracle/Middleware/Oracle_Home/orainst.loc
OPatch version   : 13.9.4.2.2
OUI version      : 13.9.4.0.0
Log file location : /scratch/work_area/Oracle/Middleware/Oracle_Home/cfgtoollogs/patch/opatch/opatch2020-06-02_15-33-31PM_1.log

OPatch detects the Middleware Home as "/scratch/work_area/Oracle/Middleware/Oracle_Home"
lsinventory Output file location : /scratch/work_area/Oracle/Middleware/Oracle_Home/cfgtoollogs/patch/lsinv/lsinventory2020-06-02_15-33-31PM.txt

-----
Local Machine Information:
Hostnames: whf00cqm.in.oracle.com
ARU platform id: 226
ARU platform description: Linux x86-64

There are no Interim patches installed in this Oracle Home.
-----
```

11. Go to patch directory and apply the patch using opatch utility.

```
$ cd /scratch/work_area/Oracle/Middleware/patches/p30450082_122140_Generic/30450082
```

```
$ opatch apply
```

```
bj@whf00cqm:30450082
OPatch failed with error code 135
[bi@whf00cqm Opatch]$ opatch apply /scratch/work_area/Oracle/Middleware/Oracle_Home/patches/p30450082_122140_Generic
Oracle Interim Patch Installer version 13.9.4.2.2
Copyright (c) 2020, Oracle Corporation. All rights reserved.

ZOP-50: The patch location is not valid because it may not exist (or) current user has no permission to access it. Please check the same.
Argument(s) Error... Patch Location not valid

Please check the arguments and try again.

OPatch failed with error code 135
[bi@whf00cqm Opatch]$ opatch apply /scratch/work_area/Oracle/Middleware/Oracle_Home/patches/p30450082_122140_Generic/30450082
Oracle Interim Patch Installer version 13.9.4.2.2
Copyright (c) 2020, Oracle Corporation. All rights reserved.

ZOP-50: The patch location is not valid because it may not exist (or) current user has no permission to access it. Please check the same.
Argument(s) Error... Patch Location not valid

Please check the arguments and try again.

OPatch failed with error code 135
[bi@whf00cqm Opatch]$ cd /scratch/work_area/Oracle/Middleware/patches/p30450082_122140_Generic/30450082
[bi@whf00cqm 30450082]$ opatch apply
Oracle Interim Patch Installer version 13.9.4.2.2
Copyright (c) 2020, Oracle Corporation. All rights reserved.

Oracle Home      : /scratch/work_area/Oracle/Middleware/Oracle_Home
Central Inventory : /home/bj/orainventory
   from           : /scratch/work_area/Oracle/Middleware/Oracle_Home/orainst.loc
OPatch version   : 13.9.4.2.2
OUI version      : 13.9.4.0.0
Log file location : /scratch/work_area/Oracle/Middleware/Oracle_Home/cfgtoollogs/patch/opatch/opatch2020-06-02_15-42-01PM_1.log

OPatch detects the Middleware Home as "/scratch/work_area/Oracle/Middleware/Oracle_Home"

Verifying environment and performing prerequisite checks...
OPatch continues with these patches: 30450082

Do you want to proceed? [y/n]
```

```
bjj@whf00cqm:30450082
Argument(s) Error... Patch Location not valid
Please check the arguments and try again.
OPatch failed with error code 135
[bi]@whf00cqm OPatch]$ cd /scratch/work_area/Oracle/Middleware/patches/p30450082_122140_Generic/30450082
[bi]@whf00cqm 30450082]$ opatch apply
Oracle Interim Patch Installer version 13.9.4.2.2
Copyright (c) 2020, Oracle Corporation. All rights reserved.

Oracle Home      : /scratch/work_area/Oracle/Middleware/Oracle_Home
Central Inventory : /home/bij/oraInventory
                  from   : /scratch/work_area/Oracle/Middleware/Oracle_Home/oraInst.loc
OPatch version   : 13.9.4.2.2
OUI version      : 13.9.4.0.0
Log file location : /scratch/work_area/Oracle/Middleware/Oracle_Home/cfgtoollogs/patch/patch2020-06-02_15-42-01PM_1.log

OPatch detects the Middleware Home as "/scratch/work_area/Oracle/Middleware/Oracle_Home"
Verifying environment and performing prerequisite checks...
OPatch continues with these patches: 30450082

Do you want to proceed? [y/n]
y
User Responded with: Y
All checks passed.

Please shutdown Oracle instances running out of this ORACLE_HOME on the local system.
(Oracle Home = '/scratch/work_area/Oracle/Middleware/Oracle_Home')

Is the local system ready for patching? [y/n]
y
Could not recognize input. Please re-enter.
y
User Responded with: Y
Backing up files...
Applying interim patch '30450082' to OH '/scratch/work_area/Oracle/Middleware/Oracle_Home'
ApplySession: Optional component(s) [ oracle.fmwconfig.common.wls.shared, 12.2.1.4.0 ] not present in the Oracle Home or a higher version is found.
Patching component oracle.fmwconfig.common.wls.shared.internal, 12.2.1.4.0...
█
```

12. After applying patch successfully check for the installed patch using below command from opatch folder.

\$ cd /scratch/work_area/Oracle/Middleware/Oracle_Home/OPatch

\$./opatch lspatches

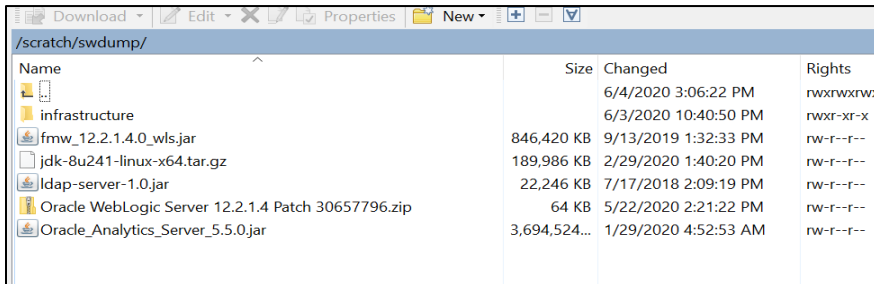
```

[bi]@whf00cqm 30450082]$ cd /scratch/work_area/Oracle/Middleware/Oracle_Home/OPatch
[bi]@whf00cqm OPatch]$ ./opatch lspatches
30450082;One-off

OPatch succeeded.
[bi]@whf00cqm OPatch]$ █
```

4. STEPS TO INSTALL ORACLE ANALYTICS SERVER

1. Copy Oracle_Analytics_Server_5.5.0.jar to /scratch/swdump



2. Go to /scratch/swdump
3. Set the java path as below

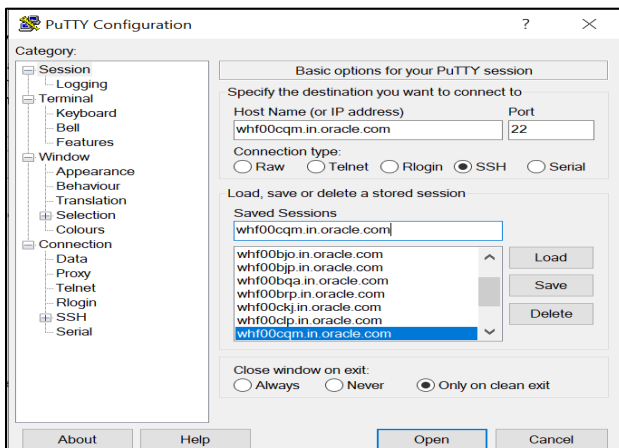
set JAVA_HOME:

```
setenv JAVA_HOME /scratch/jdk1.8.0_241
echo $JAVA_HOME
```

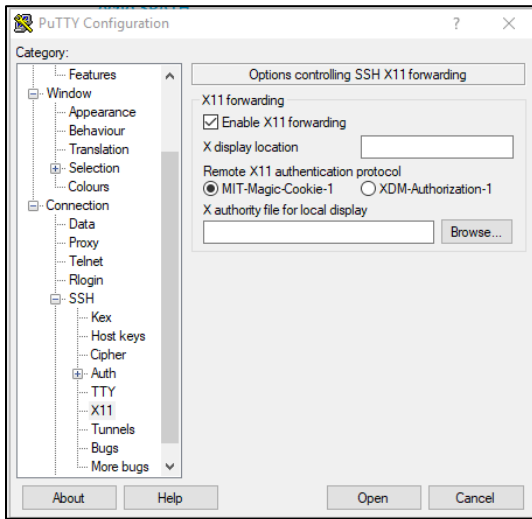
set PATH:

```
setenv PATH $JAVA_HOME/bin:$PATH
echo $PATH
```

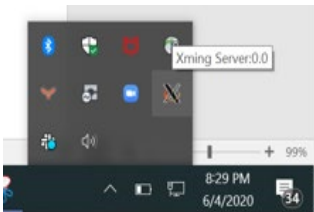
4. Run Xming with x11 forwarding option
 - Download Xming
 - Start Xming by double-clicking on the Xming icon
 - Open the PuTTY session configuration window
 - Open the session category, specify a host name (whf00cqm.in.oracle.com) you want to connect to



- In the PuTTY configuration window, select "Connection → SSH → X11 → Enable x11 forwarding"
- Make sure that the "Enable X11 forwarding" box is checked



5. "Xming" should be active before run the command `java -jar Oracle_Analytics_Server_5.5.0.jar`



6. Run the command `java -jar Oracle_Analytics_Server_5.5.0.jar`

```
$ cd /scratch/swdump
```

```
$ java -jar Oracle_Analytics_Server_5.5.0.jar
```

```

the same site.
User: sasikumar.swamikkannu
Expires: None
Reservation type: iaas

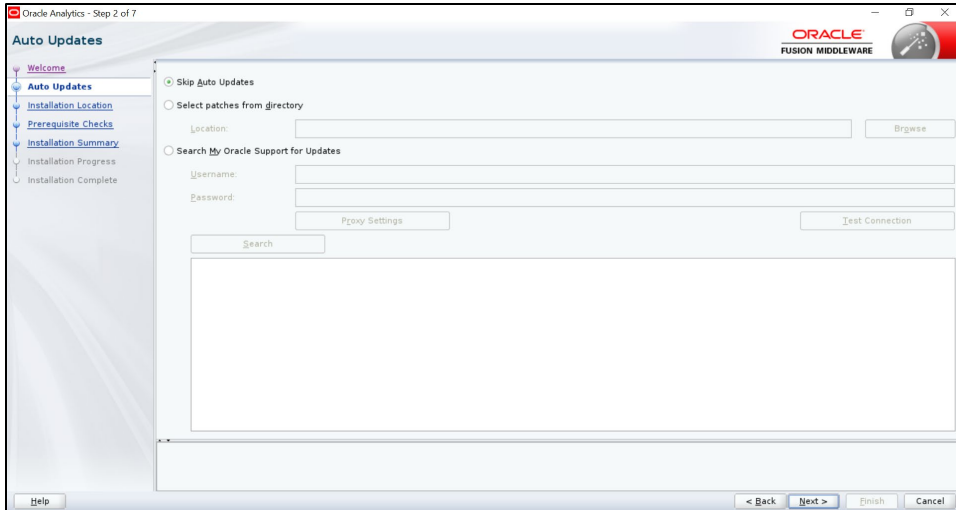
Host:

Host specific info (below) - you can modify contents of /etc/motd_hostinfo as ne
eded to update data:

[bi]@whf00cgm ~]$ cd /scratch/swdump
[bi]@whf00cgm swdump]$ java -jar Oracle_Analytics_Server_5.5.0.jar
launcher log file is /tmp/OraInstall2020-06-04_02-57-26PM/launcher2020-06-04_02-57-26PM.log.
Extracting the installer ..... Done
Checking if CPU speed is above 300 MHz. Actual 1995.447 MHz. Passed
Checking swap space: must be greater than 512 MB. Actual 14999 MB. Passed
Preparing to launch the Oracle Universal Installer from /tmp/OraInstall2020-06-04_02-57-26PM
log: /tmp/OraInstall2020-06-04_02-57-26PM/install2020-06-04_02-57-26PM.log
logs successfully copied to /home/bi/orainventory/logs.
[bi]@whf00cgm swdump]$ cd /scratch/work_area/Oracle/Middleware/Oracle_Home/bi/bin
[bi]@whf00cgm bin]$ config.sh
config.sh: Command not found.
[bi]@whf00cgm bin]$ ./config.sh
Starting Fusion Middleware Configuration Wizard for BPEL
ORACLE_HOME set as /scratch/work_area/Oracle/Middleware/Oracle_Home
BI_PRODUCT_HOME set as /scratch/work_area/Oracle/Middleware/Oracle_Home/bi
PATH set as /scratch/work_area/Oracle/Middleware/Oracle_Home/bi/bin:/usr/bin:/usr/dev_infra/platform/bin:/usr/dev_infra/generic/bin:/usr/local/bin:/usr/
K11R6/bin:/usr/local/ade/bin
LD_LIBRARY_PATH set as /scratch/work_area/Oracle/Middleware/Oracle_Home/bi/lib
oracle.install.engine.install.properties.location /scratch/work_area/Oracle/Middleware/Oracle_Home/bi/./oui/mw/bi/metadata/config.properties -distName o
a.platform -distVersion 5.5.0.0.0
./././././modules/installer-launch.jar:./jlib/Configlauncher.jar
Current working directory /scratch/work_area/Oracle/Middleware/Oracle_Home/oui/mw/common/framework/bin

```

7. On the Auto Updates screen, leave **Skip Auto Updates** selected.

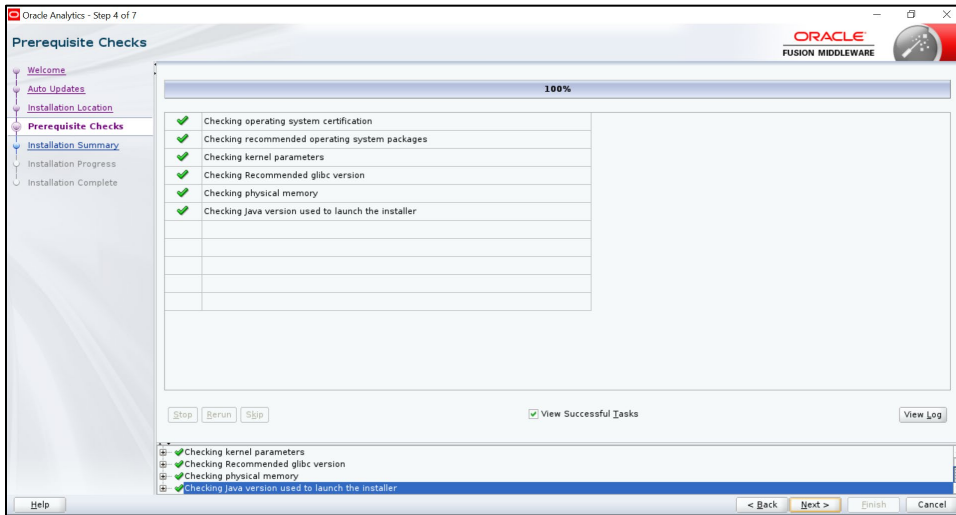


8. On the Installation Location screen, enter the location for Oracle Home (or click **Browse** to browse to the location), and then click **Next**.

Oracle Home is `/scratch/work_area/Oracle/Middleware/Oracle_Home`



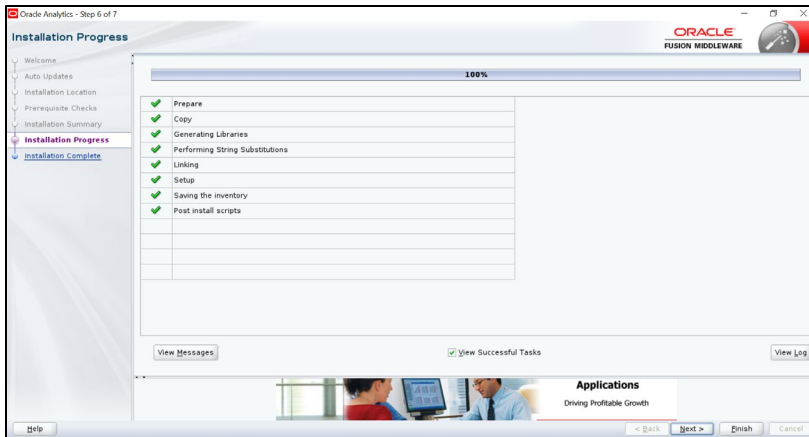
- On the Prerequisite Checks screen, wait for all checks to complete successfully, and then click **Next**.



- On the Installation Summary screen, review the installation information. If everything is acceptable, click **Install**.



11. On the Installation Progress screen, wait for the progress bar to reach 100%, and then click **Next**.



12. On the Installation Complete screen click **Finish**.



Next step is to create the RCU schema required by OAS, by executing the `rcu` command.

5. SETUP RCU (Repository Creation Utility)

SETUP RCU (Repository Creation Utility) SCHEMA FOR ORACLE ANALYTICS SERVER

1. For RCU configuration

Go to the below path and run this `./rcu`

```
$ cd /scratch/work_area/Oracle/Middleware/Oracle_Home/oracle_common/bin
```

```
$ ./rcu
```

```
To make changes, please use the "Host & Devices" widget on the Oms (oms.oraclecorp.com) portal.
Additional hosts may be reserved via the "Request Computing Resources" widget on the same site.

User: sasikumar.svamikkannu
Expires: None
Reservation type: iaas

Use:

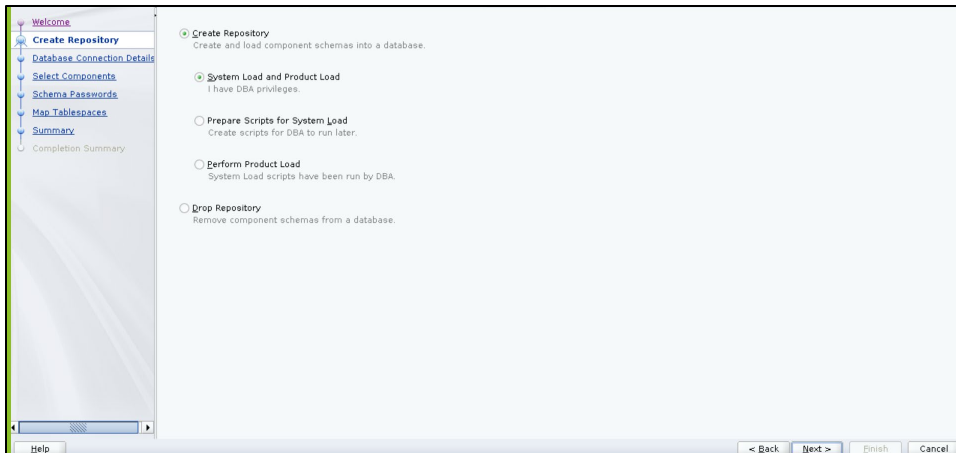
Host specific info (below) - you can modify contents of /etc/motd_hostinfo as needed to update data:
[bi]@whf00cqm ~]# cd /scratch/work_area/Oracle/Middleware/Oracle_Home/oracle_common/bin
[bi]@whf00cqm bin]# ./rcu

RCU logfile: /tmp/RCU2020-06-04_15-25_1962251340/logs/rcu.log
```

2. Click **Next**.

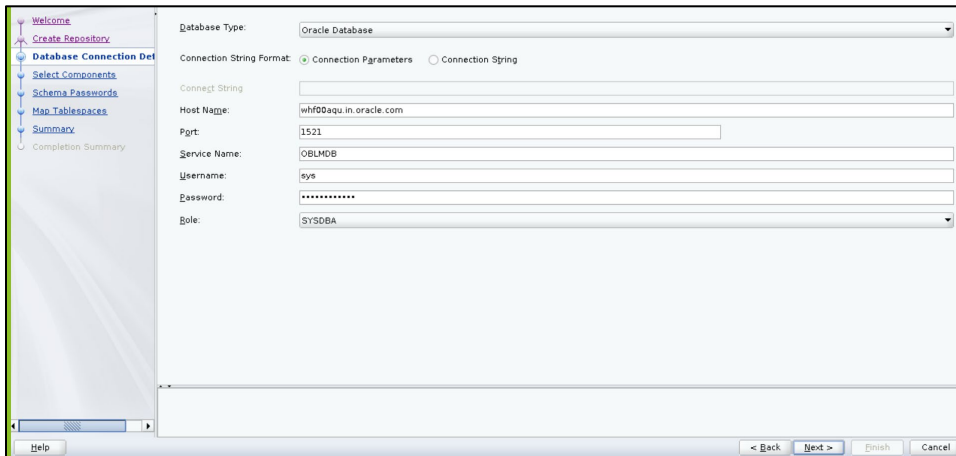


3. Click on **Next**. The following screen will appear. Select System Load and product Load

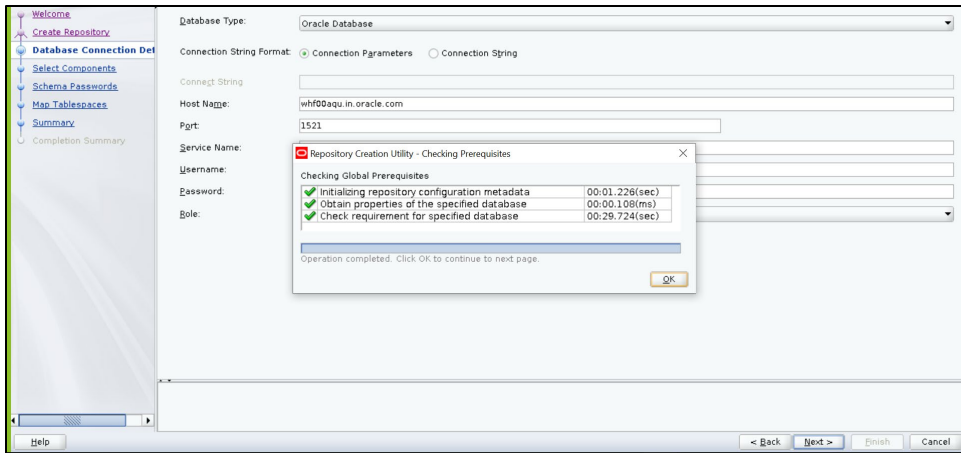


4. Click on **Next**. The following screen will appear.

Database Type: Oracle Database
Host Name: Host IP where DB is running (e.g. whf00aqu.in.oracle.com)
Port: Port number where DB is running (e.g. 1521)
Service Name: Service Name of the DB (e.g. OBLMDB)
Give sys username and Password
Role: SYSDBA

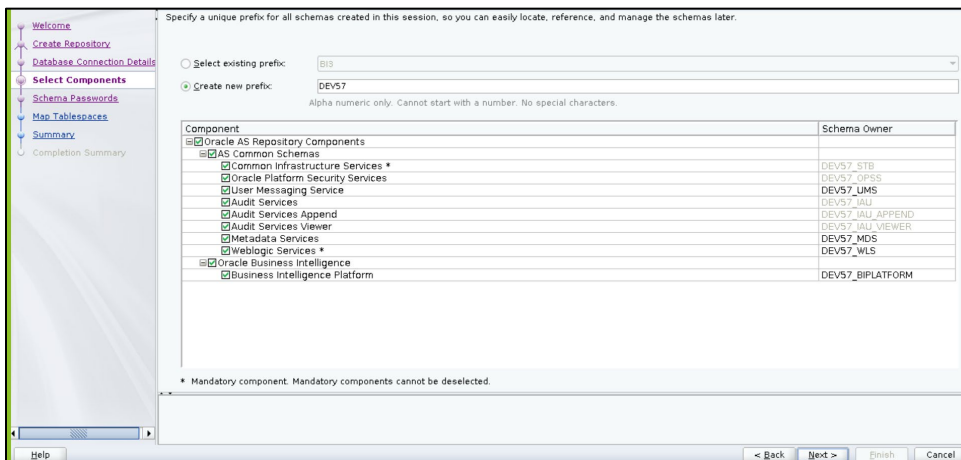


5. Click **Next**. Following screen will appear.

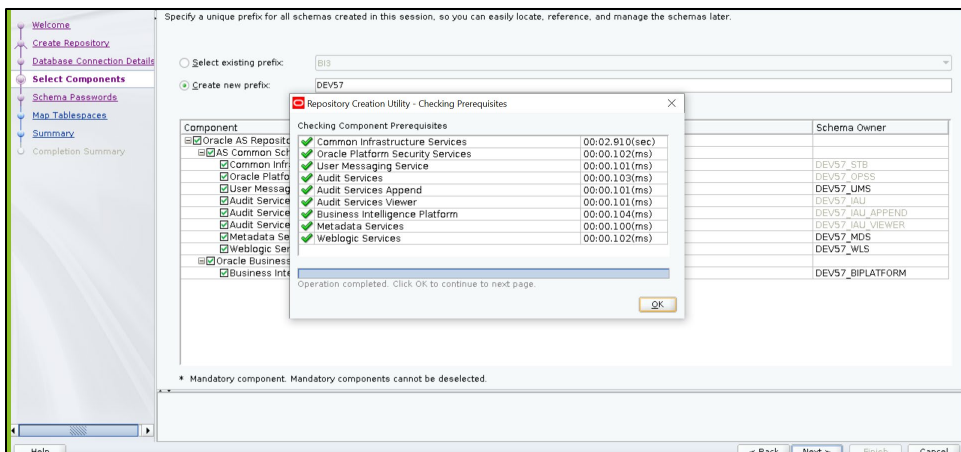


6. Select **Create new prefix** and enter the prefix of your choice. e.g. DEV7

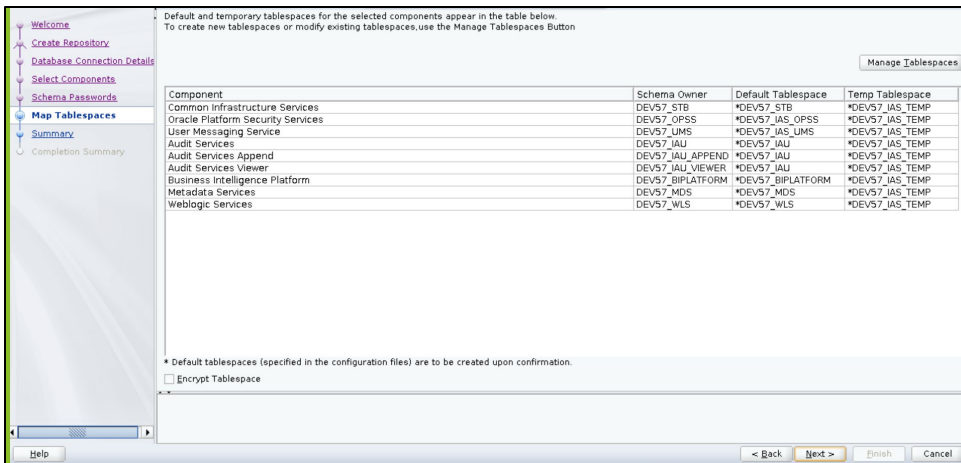
7. Select **Oracle AS Repository Components** checkbox. The rest of the checkboxes should be selected automatically.



8. Click **Next**.

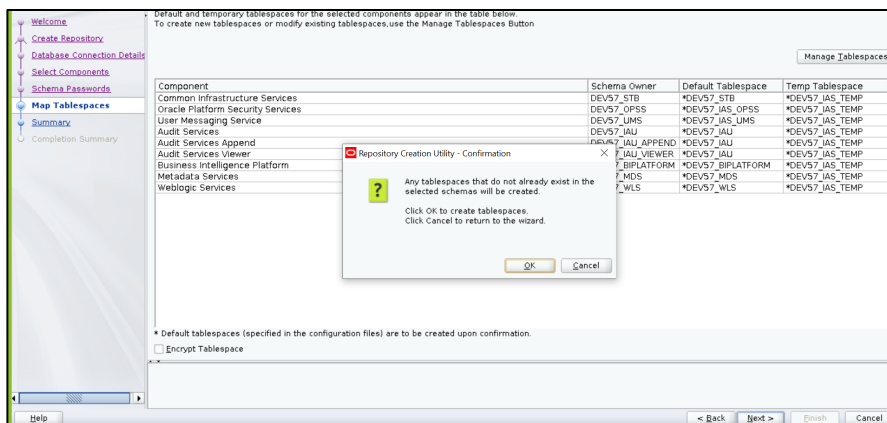


9. Click on **Use Same Password for all schemas** and Click **Next**.

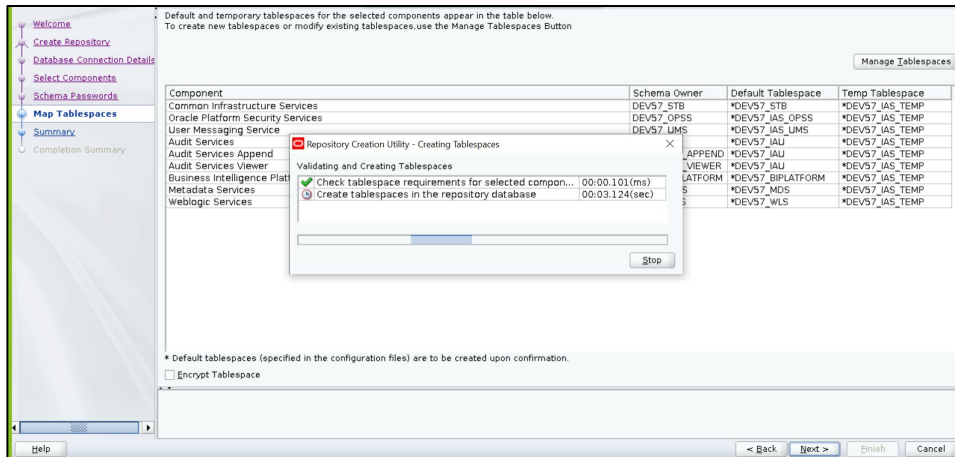


10. Click **Next**.

11. Click **OK** to create tablespace.



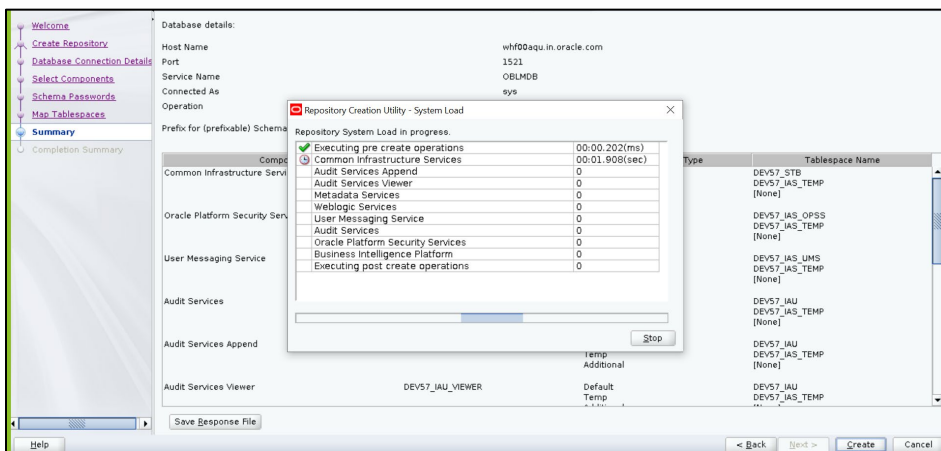
12. Click **Next**.



13. Click on **CREATE**.



14. Click on **Create**.



15. Review the following screen and Click **Close**

Database details:

Host Name: whf00aou.in.oracle.com
 Port: 1521
 Service Name: OBLMDB
 Connected As: sys
 Operation: System and Data Load concurrently
 Execution Time: 3 minutes 27 seconds

RCU Logfile: /tmp/RCU2020-06-04_15-25_1962251340fogs/rcu.log
 Component Log Directory: /tmp/RCU2020-06-04_15-25_1962251340fogs
 View Log: rcu.log

Prefix for (prefixable) Schema Owners: DEV57

Component	Status	Time	Logfile(Click to view)
Common Infrastructure Services	Success	00:10:217(sec)	sth.log
Oracle Platform Security Services	Success	00:17:428(sec)	spss.log
User Messaging Service	Success	00:16:239(sec)	ucsums.log
Audit Services	Success	00:14:609(sec)	iau.log
Audit Services Append	Success	00:09:578(sec)	iau_append.log
Audit Services Viewer	Success	00:09:721(sec)	iau_viewer.log
Business Intelligence Platform	Success	00:50:601(sec)	bipplatform.log
Metadata Services	Success	00:20:787(sec)	mids.log
Weblogic Services	Success	00:18:799(sec)	wfs.log

Help < Back Next > Create Close

6. STEPS TO CONFIGURE OAS WITH RCU SCHEMA

1. To configure OAS with RCU schema, go to the bin folder and run the below command.

```
$ cd /scratch/work_area/Oracle/Middleware/Oracle_Home/bi/bin
```

```
$ ./config.sh
```

```
bin same site
User: sasi Kumar.Swamikannu
Copyright: None
Reservation type: iaas

User:
Host specific info (below) - you can modify contents of /etc/motd_hostinfo as needed to update data:
[bi]@whf00cqm ~]$ cd /scratch/swdup
[bi]@whf00cqm swdup]$ java -jar Oracle_Analytics_Server_5.5.0.jar
Launcher log file is /tmp/OraInstall2020-06-04_02-57-26PM/launcher2020-06-04_02-57-26PM.log.
Extracting the installer . . . . . Done
Checking if CPU speed is above 300 MHz. Actual 1995.447 MHz Passed
Checking swap space: must be greater than 512 MB. Actual 14999 MB Passed
Preparing to launch the Oracle Universal Installer from /tmp/OraInstall2020-06-04_02-57-26PM
Log: /tmp/OraInstall2020-06-04_02-57-26PM/install2020-06-04_02-57-26PM.log
Logs successfully copied to /home/bi/orainventory/logs.
[bi]@whf00cqm swdup]$ cd /scratch/work_area/Oracle/Middleware/Oracle_Home/bi/bin
[bi]@whf00cqm bi]$ ./config.sh
config.sh: Command not found.
[bi]@whf00cqm bi]$ ./config.sh
Starting Fusion Middleware Configuration Wizard for BIEE
ORACLE_HOME set as /scratch/work_area/Oracle/Middleware/Oracle_Home
BI_PRODUCT_HOME set as /scratch/work_area/Oracle/Middleware/Oracle_Home/bi
PATH set as /scratch/work_area/Oracle/Middleware/Oracle_Home/bi/bin:/usr/bin:/usr/dev_infra/platform/bin:/usr/dev_infra/generic/bin:/usr/local/bin:/usr/
M1186/bin:/usr/local/ade/bin
LD_LIBRARY_PATH set as /scratch/work_area/Oracle/Middleware/Oracle_Home/bi/lib
oracle.as.install.engine.install.properties.location /scratch/work_area/Oracle/Middleware/Oracle_Home/bi/./oui/mw/bi/metadata/config-properties --distName o
a_platform --distVersion 5.5.0.0.0
./.././../modules/installer-launch.jar.../lib/Configlauncher.jar
Current working directory /scratch/work_area/Oracle/Middleware/Oracle_Home/oui/mw/common/framework/bin
```

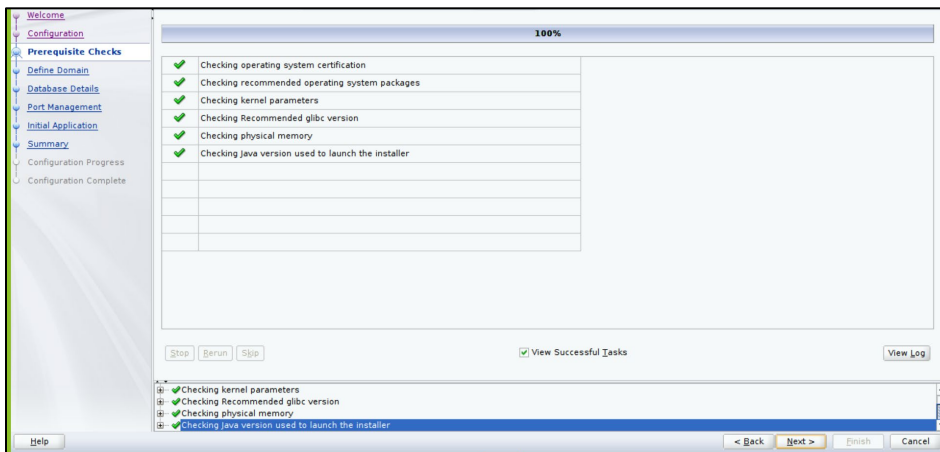
2. Click Next.



3. Click **Next**.



4. It will run a Prerequisite Check and click on **NEXT** once its done



5. Enter a Domain Name, Username and Password and click NEXT.

The screenshot shows the 'Define Domain' step of the Oracle Analytics configuration wizard. The left sidebar contains a navigation menu with options: Welcome, Configuration, Prerequisite Checks, Define Domain (selected), Database Details, Port Management, Initial Application, Summary, Configuration Progress, and Configuration Complete. The main content area contains the following text and fields:

The domain is the basic unit of WebLogic administration. All Oracle Analytics components reside in one domain. The domain needs a place to store files, and initial administrator credentials.

The domain files include configuration files, log files, and data files.

The credentials define the initial administrator account. For security reasons no other default accounts are created. Use this initial account to create individual accounts for your users.

Location of new domain

Domains Directory

Domain Name

Domain Home

Credentials for new domain

Username

Password

Confirm Password

At the bottom, there are buttons for '< Back', 'Next >', 'Finish', and 'Cancel'.

6. Select "Use Existing Schemas option"

Database type -> Oracle Database

Simple Connection String as -> whf00cqm.in.oracle.com:1521:OBLMDB"

Enter previously given prefix and password.(prefix – e.g. DEV57)

The screenshot shows the 'Database Details' step of the Oracle Analytics configuration wizard. The left sidebar contains a navigation menu with options: Welcome, Configuration, Prerequisite Checks, Define Domain, Database Details (selected), Port Management, Initial Application, Summary, Configuration Progress, and Configuration Complete. The main content area contains the following text and fields:

Database schemas are required for storage of internal housekeeping information. These schemas are distinct from any data sources which you plan to analyse in Oracle Analytics.

The simplest option is to create new database schemas here. Alternatively you can use existing schemas you created earlier using the Repository Creation utility (RCU). Using RCU in advance gives you additional options, such as choosing tablespaces. RCU is available in directory /scratch/work_area/Oracle/Middleware/Oracle_Home/oracle_common/bin.

Create new schemas

Use existing schemas

Database type

Simple connect string

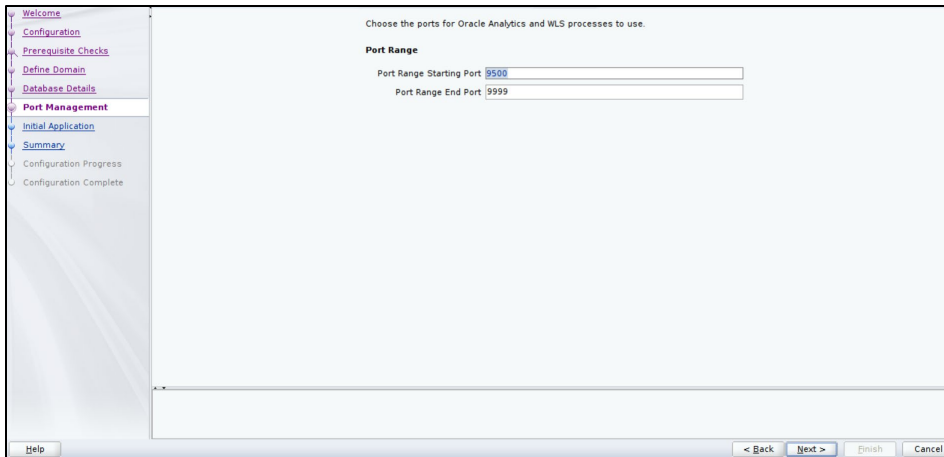
Prefix

Password

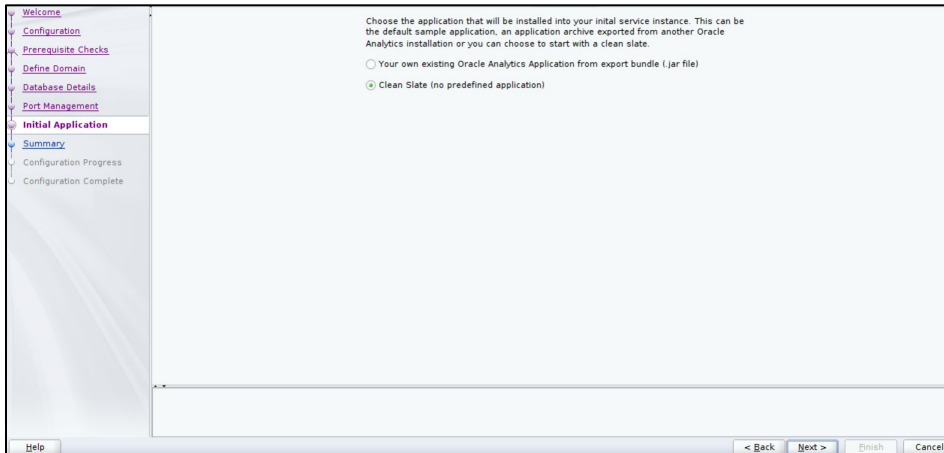
At the bottom, there are buttons for '< Back', 'Next >', 'Finish', and 'Cancel'.

Below the main content area, there is a text box labeled 'Password for STB (Service Table) schema.' with a cursor inside.

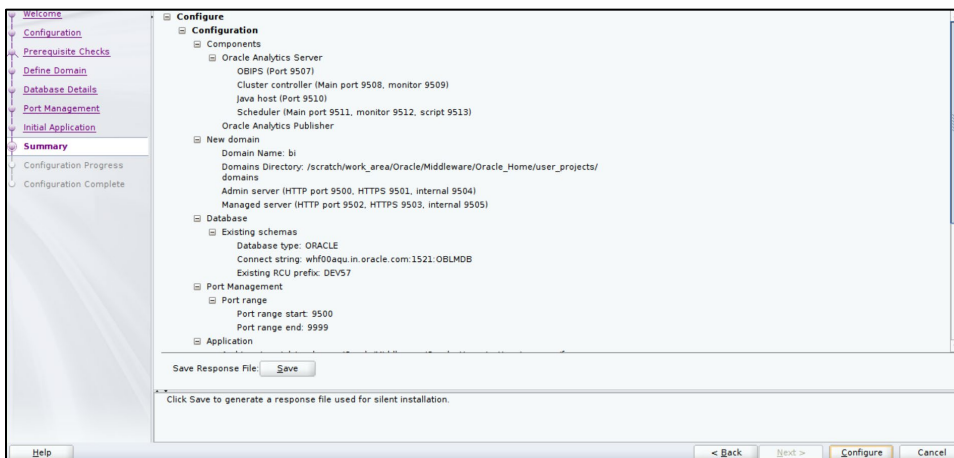
7. Click **Next**.



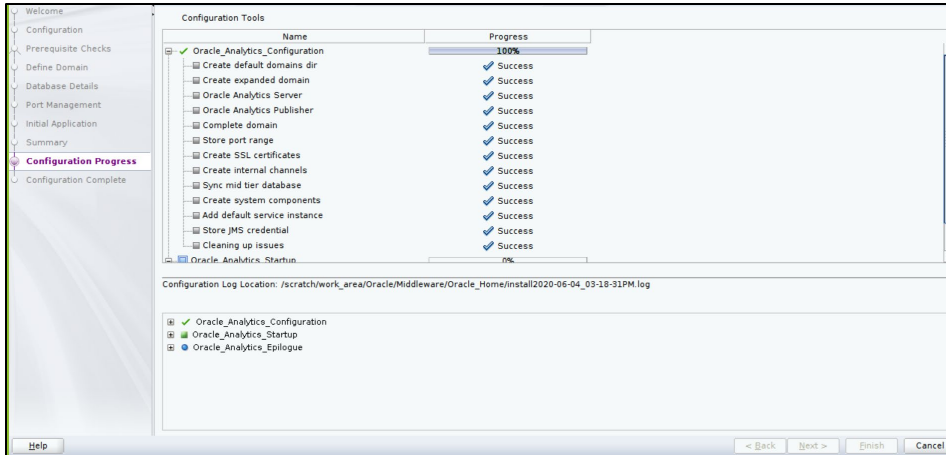
8. Select **Clean Slate**.



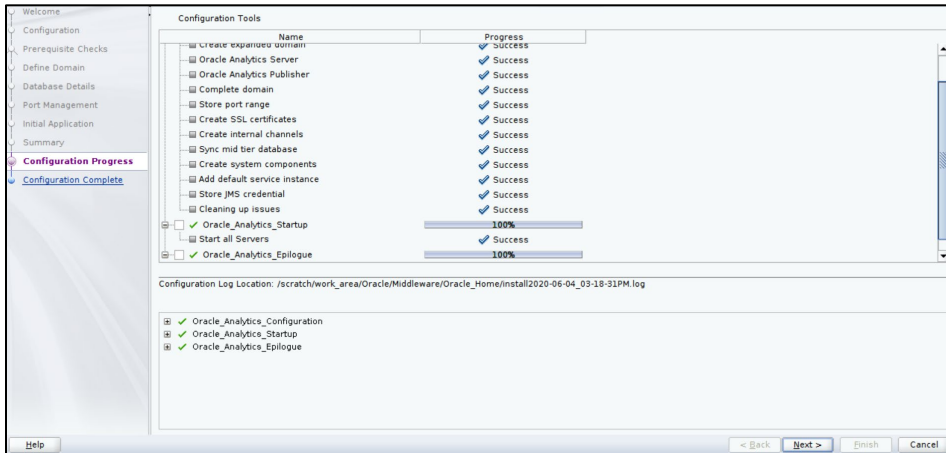
9. Review the **Summary** and click **Configure**.



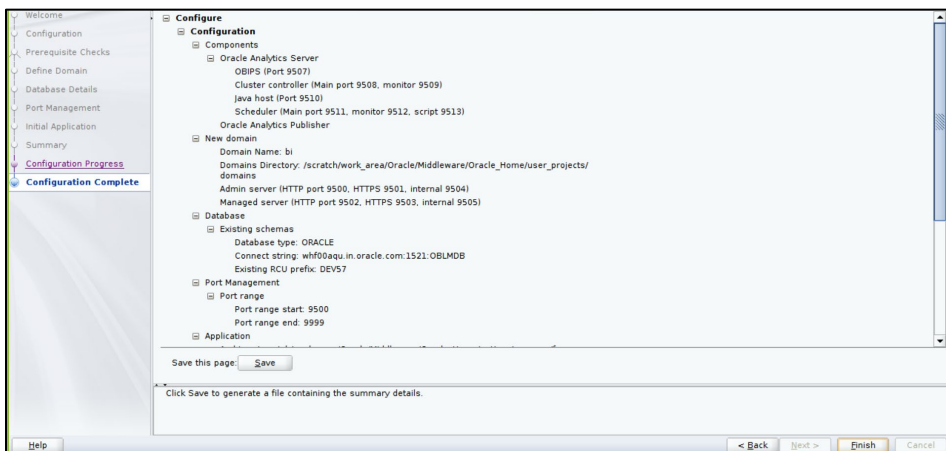
10. Wait until the configuration completes.



11. Once completed click **Next**.



12. Review the configured components and click **Finish**.



7. UPLOAD THE BIP REPORTS

1. Navigate to the path where the OBIEE is installed and open bin folder under the bitools folder

e.g. /scratch/work_area/Oracle/Middleware/Oracle_Home/user_projects/domains/bi/bitools/bin
\$ cd /scratch/work_area/Oracle/Middleware/Oracle_Home/user_projects/domains/bi/bitools/bin
\$./start.sh

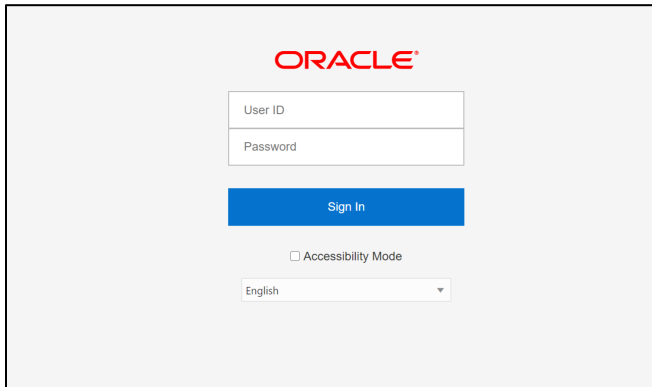
```
FWXZ-X--- 1 b1j dba 374 Jun 4 15:53 obisepdmigratutil.sh
FWXZ-X--- 1 b1j dba 364 Jun 4 15:53 ngudmcli.sh
FWXZ-X--- 1 b1j dba 370 Jun 4 15:53 extractproject.sh
FWXZ-X--- 1 b1j dba 369 Jun 4 15:53 biservervsnlog.sh
FWXZ-X--- 1 b1j dba 378 Jun 4 15:53 biservermetadatadictgen.sh
FWXZ-X--- 1 b1j dba 373 Jun 4 15:53 biservergentypesxml.sh
FWXZ-X--- 1 b1j dba 371 Jun 4 15:53 biserverxstender.sh
FWXZ-X--- 1 b1j dba 373 Jun 4 15:53 externalizestrings.sh
FWXZ-X--- 1 b1j dba 367 Jun 4 15:53 ngschedmigen.sh
FWXZ-X--- 1 b1j dba 391 Jun 4 15:53 biserverapplyverticalrules.sh
FWXZ-X--- 1 b1j dba 268 Jun 4 15:53 adminool.sh
FWXZ-X--- 1 b1j dba 375 Jun 4 15:53 extractcustomization.sh
FWXZ-X--- 1 b1j dba 372 Jun 4 15:53 biservervsnpatches.sh
FWXZ-X--- 1 b1j dba 381 Jun 4 15:53 biserverprovisionbiappsrpd.sh
FWXZ-X--- 1 b1j dba 374 Jun 4 15:53 validateconnections.sh
FWXZ-X--- 1 b1j dba 366 Jun 4 15:53 schedinvoke.sh
FWXZ-X--- 1 b1j dba 377 Jun 4 15:53 runcat.sh
FWXZ-X--- 1 b1j dba 399 Jun 4 15:53 update_actions_registry_config.sh
FWXZ-X--- 1 b1j dba 396 Jun 4 15:53 extract_actions_registry_config.sh
FWXZ-X--- 1 b1j dba 395 Jun 4 15:53 create_or_update_actions_policyFile.sh
FWXZ-X--- 1 b1j dba 394 Jun 4 15:53 extract_actions_policyFile.sh
FWXZ-X--- 1 b1j dba 384 Jun 4 15:53 datamodel.sh
FWXZ-X--- 1 b1j dba 392 Jun 4 15:53 exportarchive.sh
FWXZ-X--- 1 b1j dba 382 Jun 4 15:53 importarchive.sh
FWXZ-X--- 1 b1j dba 393 Jun 4 15:53 installapplicationmodule.sh
FWXZ-X--- 1 b1j dba 395 Jun 4 15:53 associateapplicationmodule.sh
FWXZ-X--- 1 b1j dba 399 Jun 4 15:53 refreshmetadatasconfiguration.sh
FWXZ-X--- 1 b1j dba 403 Jun 4 15:53 deleteapplicationmoduleassociation.sh
FWXZ-X--- 1 b1j dba 395 Jun 4 15:53 uninstallapplicationmodule.sh
FWXZ-X--- 1 b1j dba 400 Jun 4 15:53 listinstalledapplicationmodules.sh
FWXZ-X--- 1 b1j dba 401 Jun 4 15:53 listassociatedapplicationmodules.sh
FW----- 1 b1j dba 122 Jun 4 15:59 lifecycle-config.xml
FW----- 1 b1j dba 0 Jun 4 15:59 lifecycle-config.xml.lock
FWXZ-X--- 1 b1j dba 475 Jun 4 15:59 migration-tool.sh
[bi]@eh00ocg bin$ ./start.sh
Starting domain Using domain(s): /scratch/work_area/Oracle/Middleware/Oracle_Home/user_projects/domains/bi ...
Initializing WebLogic Scripting Tool (WLST) ...
```

2. Wait until all the servers are up and running.

```
Mon 04, 2020 4:21:11 PM weblogic.RotatingFileRedirector logMessage
INFO: Starting RotatingFileRedirector. Specify help for help information.
Mon 4, 2020 4:21:11:385 PM IST: <Notice> <loggingServices> <BA-320400> <The log file /scratch/work_area/Oracle/Middleware/Oracle_Home/user_projects/domains/bi/servers/obip1/logs/obip1.out will be rotated. Reopen the log file if tailing has stopped. This can happen on some platforms, such as Windows.>
Mon 4, 2020 4:21:11:390 PM IST: <Notice> <loggingServices> <BA-320401> <The log file has been rotated to /scratch/work_area/Oracle/Middleware/Oracle_Home/user_projects/domains/bi/servers/obip1/logs/obip1.out>
Mon 04, 2020 4:21:11 PM weblogic.RotatingFileRedirector logMessage
INFO: Redirecting input to rotating file /scratch/work_area/Oracle/Middleware/Oracle_Home/user_projects/domains/bi/servers/obip1/logs/obip1.out
Mon 04, 2020 4:21:12 PM weblogic.RotatingFileRedirector logMessage
WARNING: Exiting process with code 0
java -cp /scratch/work_area/Oracle/Middleware/Oracle_Home/bi/modules/oracle.bi.syanman/scripts/../../../../wlsuser/serve/lib/weblogic.jar weblogic.RotatingFileRedirector -configOverride basicloglib/home/scratch/work_area/Oracle/Middleware/Oracle_Home/user_projects/domains/bi/servers/obj1h1/logs/obj1h1.out -confi
/scratch/work_area/Oracle/Middleware/Oracle_Home/bi/modules/oracle.bi.syanman/scripts/../../../../wlsuser/serve/lib/weblogic.jar weblogic.RotatingFileRedirector
INFO: Starting RotatingFileRedirector. Specify help for help information.
Mon 4, 2020 4:21:12:470 PM IST: <Notice> <loggingServices> <BA-320400> <The log file /scratch/work_area/Oracle/Middleware/Oracle_Home/user_projects/domains/bi/servers/obj1h1/logs/obj1h1.out will be rotated. Reopen the log file if tailing has stopped. This can happen on some platforms, such as Windows.>
Mon 4, 2020 4:21:12:485 PM IST: <Notice> <loggingServices> <BA-320401> <The log file has been rotated to /scratch/work_area/Oracle/Middleware/Oracle_Home/user_projects/domains/bi/servers/obj1h1/logs/obj1h1.out>
Mon 04, 2020 4:21:12 PM weblogic.RotatingFileRedirector logMessage
INFO: Redirecting input to rotating file /scratch/work_area/Oracle/Middleware/Oracle_Home/user_projects/domains/bi/servers/obj1h1/logs/obj1h1.out
Mon 04, 2020 4:21:12 PM weblogic.RotatingFileRedirector logMessage
WARNING: Exiting process with code 0
java -cp /scratch/work_area/Oracle/Middleware/Oracle_Home/bi/modules/oracle.bi.syanman/scripts/../../../../wlsuser/serve/lib/weblogic.jar weblogic.RotatingFileRedirector -configOverride basicloglib/home/scratch/work_area/Oracle/Middleware/Oracle_Home/user_projects/domains/bi/servers/obico1/logs/obico1.out -confi
/scratch/work_area/Oracle/Middleware/Oracle_Home/bi/modules/oracle.bi.syanman/scripts/../../../../wlsuser/serve/lib/weblogic.jar weblogic.RotatingFileRedirector
INFO: Starting RotatingFileRedirector. Specify help for help info.
Mon 4, 2020 4:21:13:073 PM IST: <Notice> <loggingServices> <BA-320400> <The log file /scratch/work_area/Oracle/Middleware/Oracle_Home/user_projects/domains/bi/servers/obico1/logs/obico1.out will be rotated. Reopen the log file if tailing has stopped. This can happen on some platforms, such as Windows.>
Mon 4, 2020 4:21:13:087 PM IST: <Notice> <loggingServices> <BA-320401> <The log file has been rotated to /scratch/work_area/Oracle/Middleware/Oracle_Home/user_projects/domains/bi/servers/obico1/logs/obico1.out>
Mon 04, 2020 4:21:13 PM weblogic.RotatingFileRedirector logMessage
INFO: Redirecting input to rotating file /scratch/work_area/Oracle/Middleware/Oracle_Home/user_projects/domains/bi/servers/obico1/logs/obico1.out
Mon 04, 2020 4:21:13 PM weblogic.RotatingFileRedirector logMessage
WARNING: Exiting process with code 0
```

8. TEST THE BIP REPORTS

1. Open browser and go to <http://whf00cqm:9502/xmlpserver/login.jsp>
2. Enter Username and Password and Sign in into BI Publisher Administration Console.

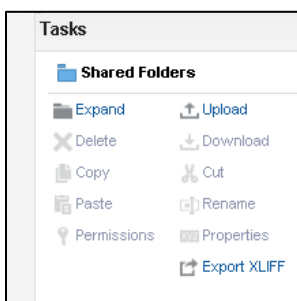


The image shows the Oracle BI Publisher Administration Console login page. It features the Oracle logo at the top center. Below the logo are two input fields: "User ID" and "Password". A blue "Sign In" button is positioned below the password field. At the bottom, there is a checkbox for "Accessibility Mode" and a dropdown menu set to "English".

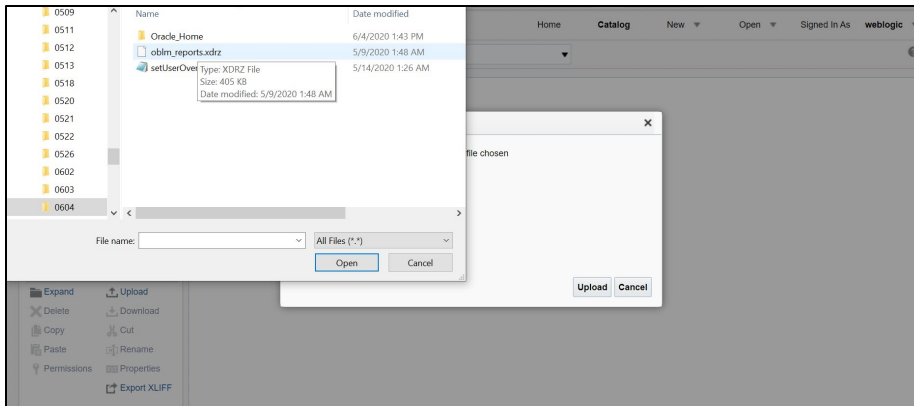
3. Click on Catalog tab at the upper right corner of the page and click on the Shared Folder on the left hand side.



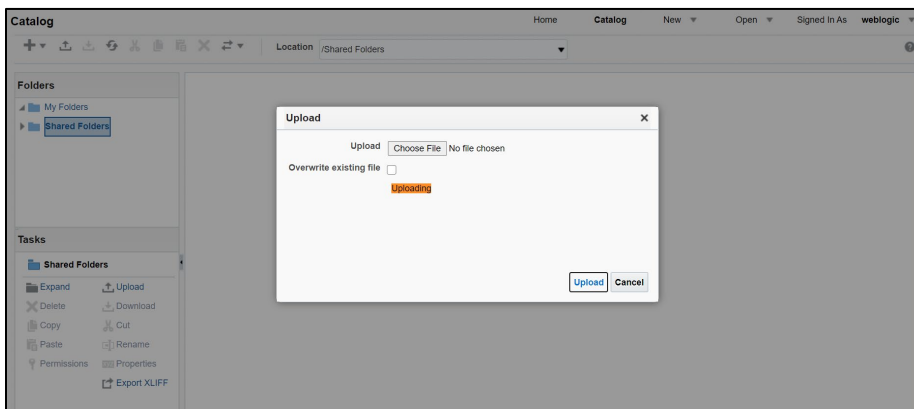
4. Click **Upload** link at the bottom left corner of the page.



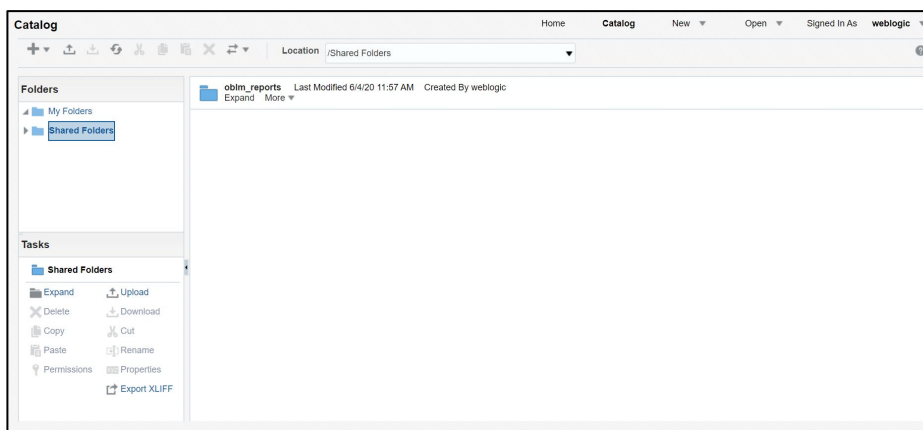
5. Browse the Reports folder of the OSDC Package to find the files (**Reports.xdrz**) and click upload



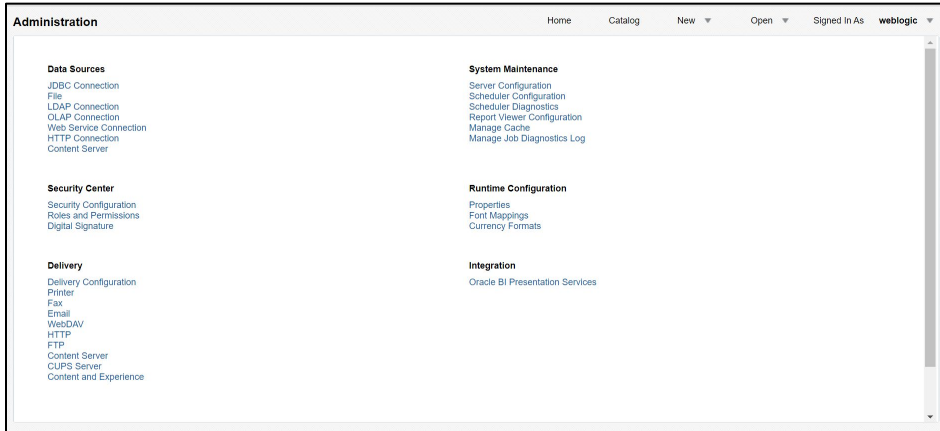
6. Select the file and click on Upload.



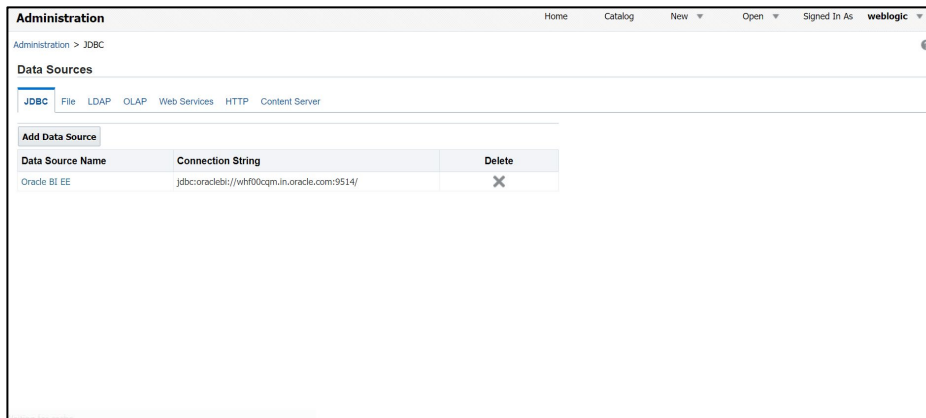
7. The reports will be uploaded to the BIP Server.



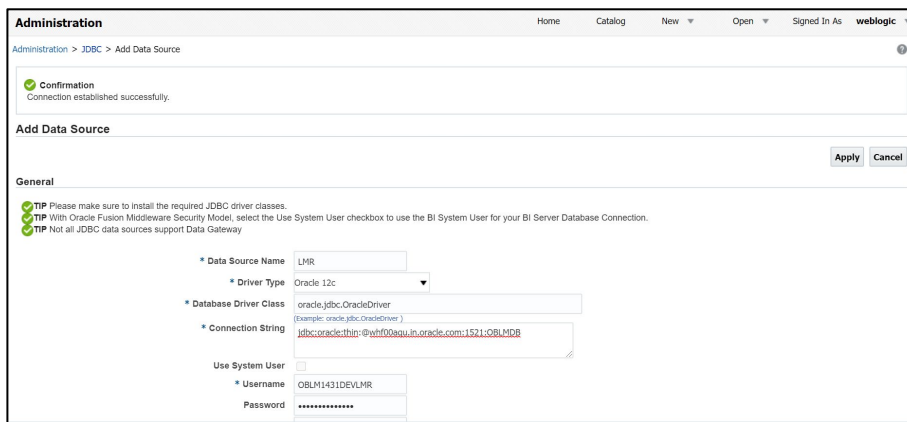
8. To Create the DataSource click on Administration link at the top right corner.
9. Click JDBC Connections under Data Sources.



10. Click **Add Data Source** Button.



11. Enter the Database details.



12. After Entering the Data Base Details, Test the connections and Apply

Administration Home Catalog New Open Signed In As weblogic

Administration > JDBC > Add Data Source

Confirmation
Connection established successfully.

Add Data Source Apply Cancel

General

TIP Please make sure to install the required JDBC driver classes.
TIP With Oracle Fusion Middleware Security Model, select the Use System User checkbox to use the BI System User for your BI Server Database Connection.
TIP Not all JDBC data sources support Data Gateway

* Data Source Name LMR

* Driver Type Oracle 12c

* Database Driver Class oracle.jdbc.OracleDriver
(Example: oracle.jdbc.OracleDriver)

* Connection String jdbc:oracle:thin:@whf00aqui.oracle.com:1521:OBLMDB

Use System User

* Username OBLM1431DEVLMR

Password *****

13. If connection is success, it will show the confirmation as “Connection established successfully.”

Administration Home Catalog New Open Signed In As weblogic

Administration > JDBC

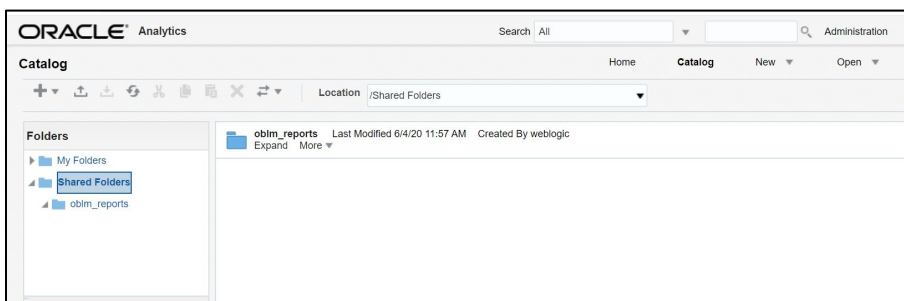
Data Sources

JDBC File LDAP OLAP Web Services HTTP Content Server

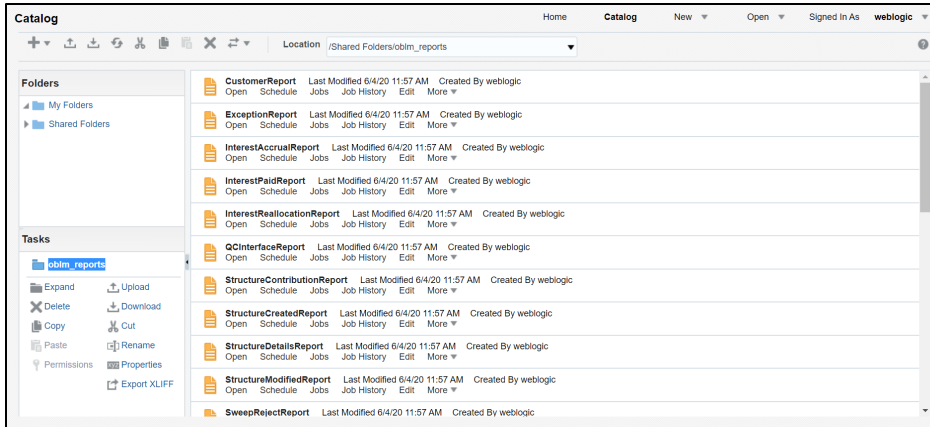
Add Data Source

Data Source Name	Connection String	Delete
LMR	jdbc:oracle:thin:@whf00aqui.oracle.com:1521:OBLMDB	X
Oracle BI EE	jdbc:oracle:thin:@whf00cqm.in.oracle.com:9514/	X

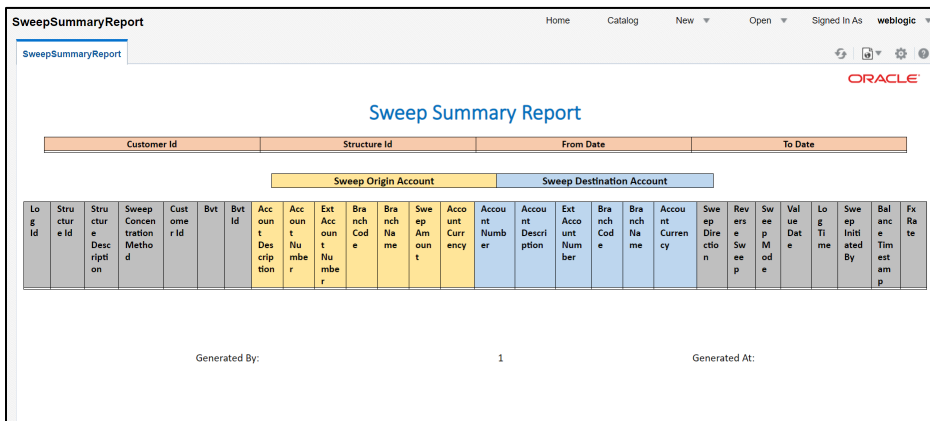
14. Open the Catalogue page and choose the Reports folder under Shared Folders and then Click Edit of each report that will take you to the Data Model of each report.



15. Open Catalogue Page and Choose the reports folder, choose a report and Click Open link.

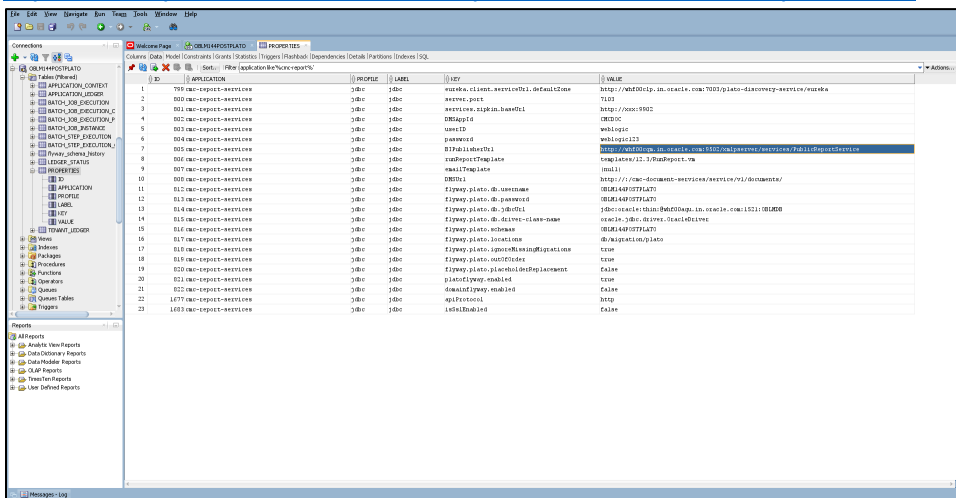


16. In the next page you should see the actual report format.



17. Go to properties table of PLATO schema and change the value of key "BIPublisherUrl" as below

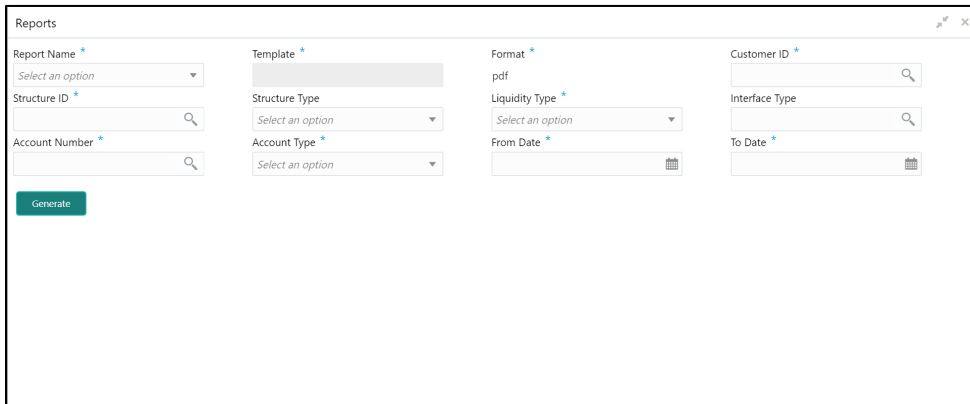
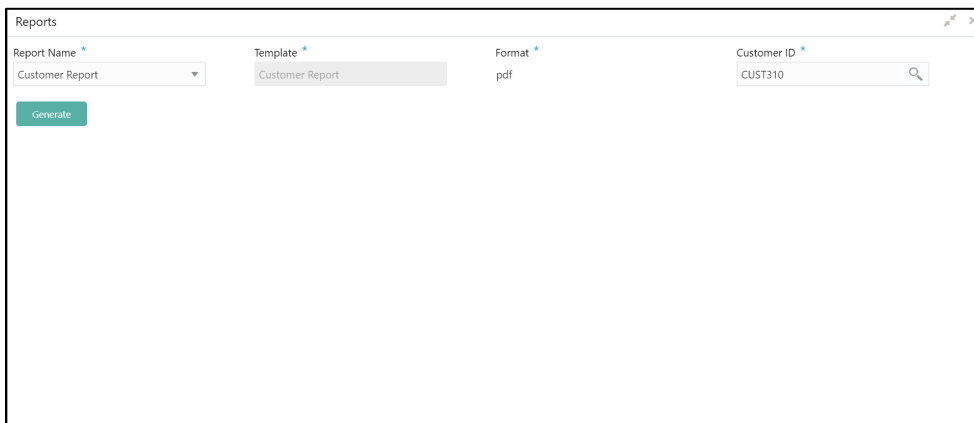
<http://whf00cqm.in.oracle.com:9502/xmlpserver/services/PublicReportService>



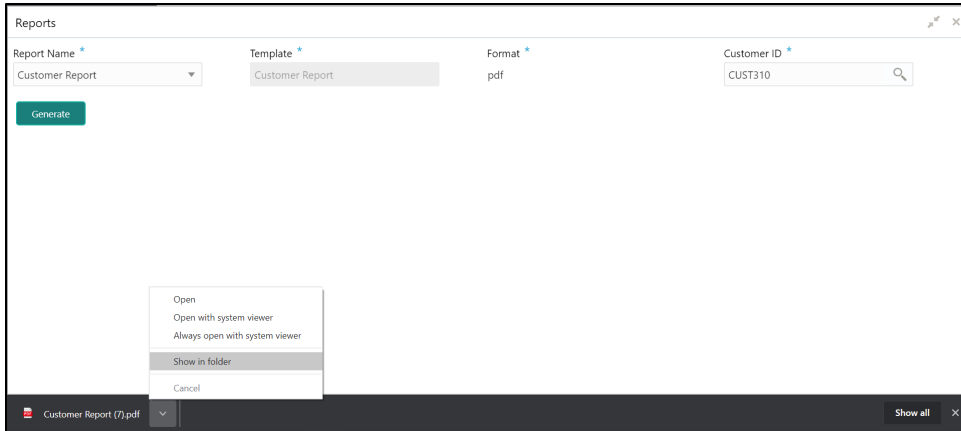
18. Open the application and go to “Reports” page.



19. Enter the data below and click **Generate**.

A screenshot of the 'Reports' form in the application. The form has a white background and a title bar with 'Reports' and window control icons. It contains several input fields: 'Report Name' (dropdown menu), 'Structure ID' (text input with search icon), 'Account Number' (text input with search icon), 'Template' (dropdown menu), 'Structure Type' (dropdown menu), 'Account Type' (dropdown menu), 'Format' (text input), 'Liquidity Type' (dropdown menu), 'From Date' (text input with calendar icon), 'Customer ID' (text input with search icon), 'Interface Type' (text input with search icon), and 'To Date' (text input with calendar icon). A green 'Generate' button is located at the bottom left of the form.A screenshot of the 'Reports' form with data entered. The 'Report Name' dropdown is set to 'Customer Report'. The 'Template' dropdown is set to 'Customer Report'. The 'Format' text input is 'pdf'. The 'Customer ID' text input is 'CUST310'. The 'Generate' button is still present at the bottom left.

20. Report should be download once click **Generate**.



Customer Report

Customer ID	User ID
CUST310	LMADMIN1

Customer Id	Customer Name	Address	Parent Customer Id
CUST310	Wells Fargo		HSBC



Report Server Setup and Configuration Guide

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