Oracle® Banking Platform

Management Pack Setup Guide

Release 2.6.2.0.0

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ORACLE®

Oracle Banking Platform Management Pack Setup Guide, Release 2.6.2.0.0

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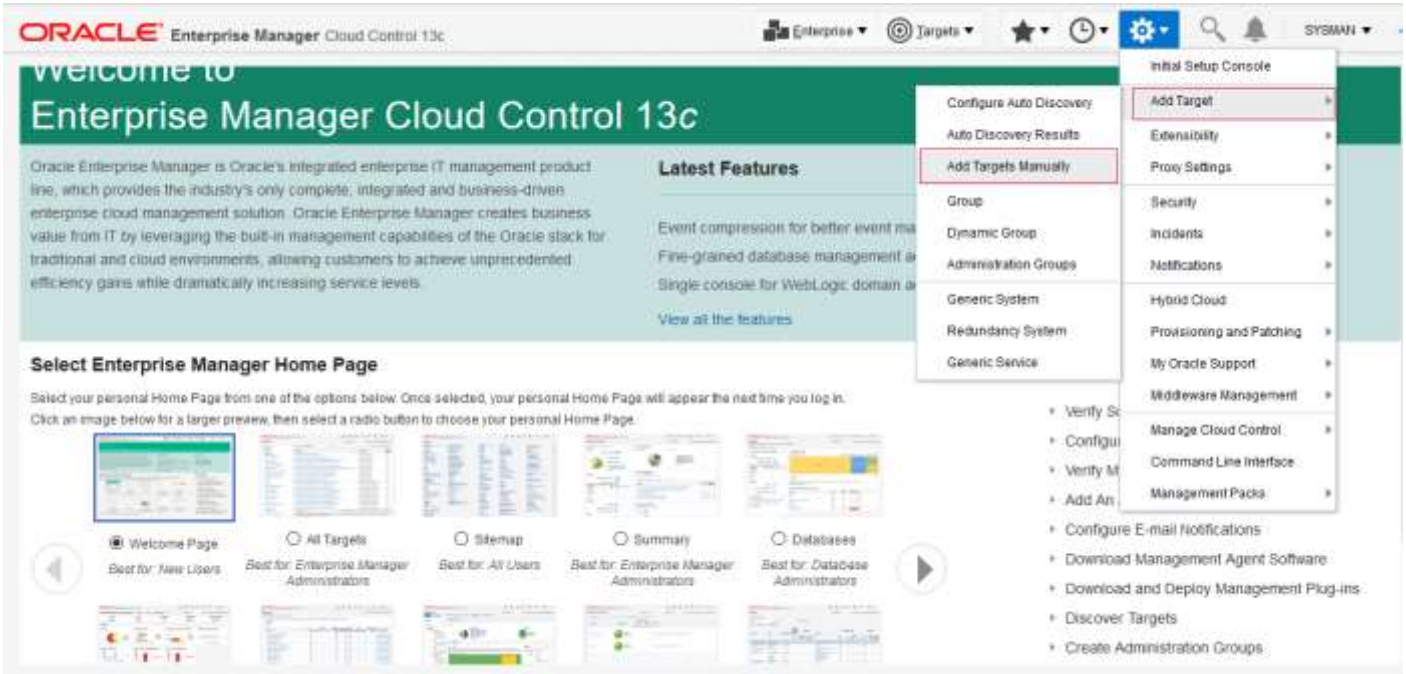
1 Add OEM agents on participating Hosts and Databases

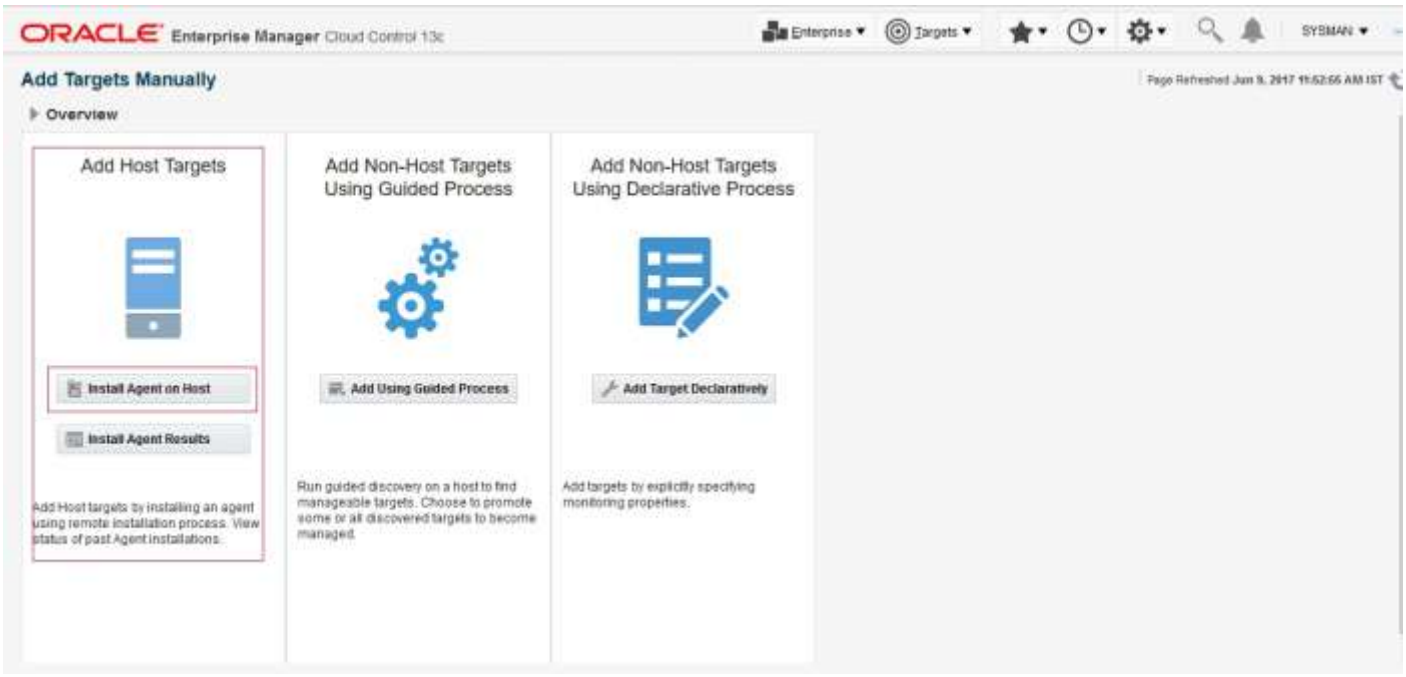
We need to add targets to monitor participating host machine and databases as follows. For database we need to add database server machine as a target type host and then target type as database. Please find the following steps to add targets.

1.1 *Add target as target type "Host"*

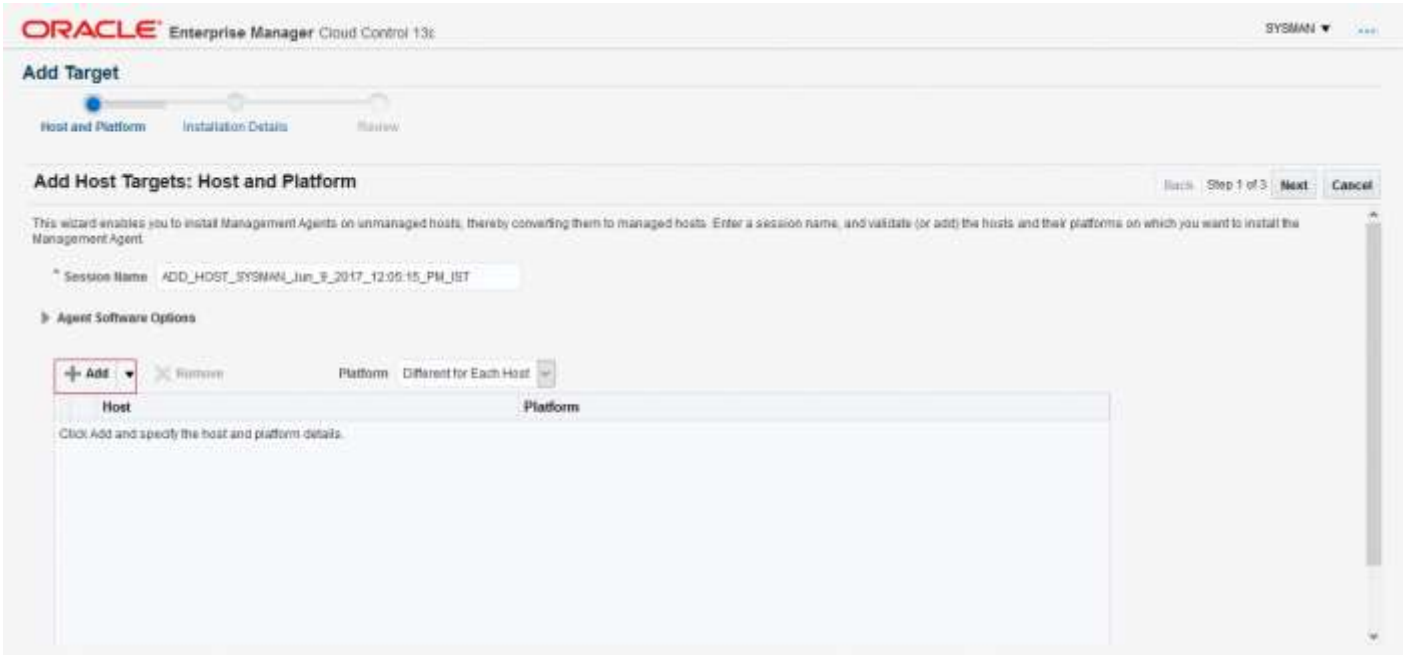
i. Log in to EM console. Click "Setup" →"Add Target" → "Add Targets Manually"



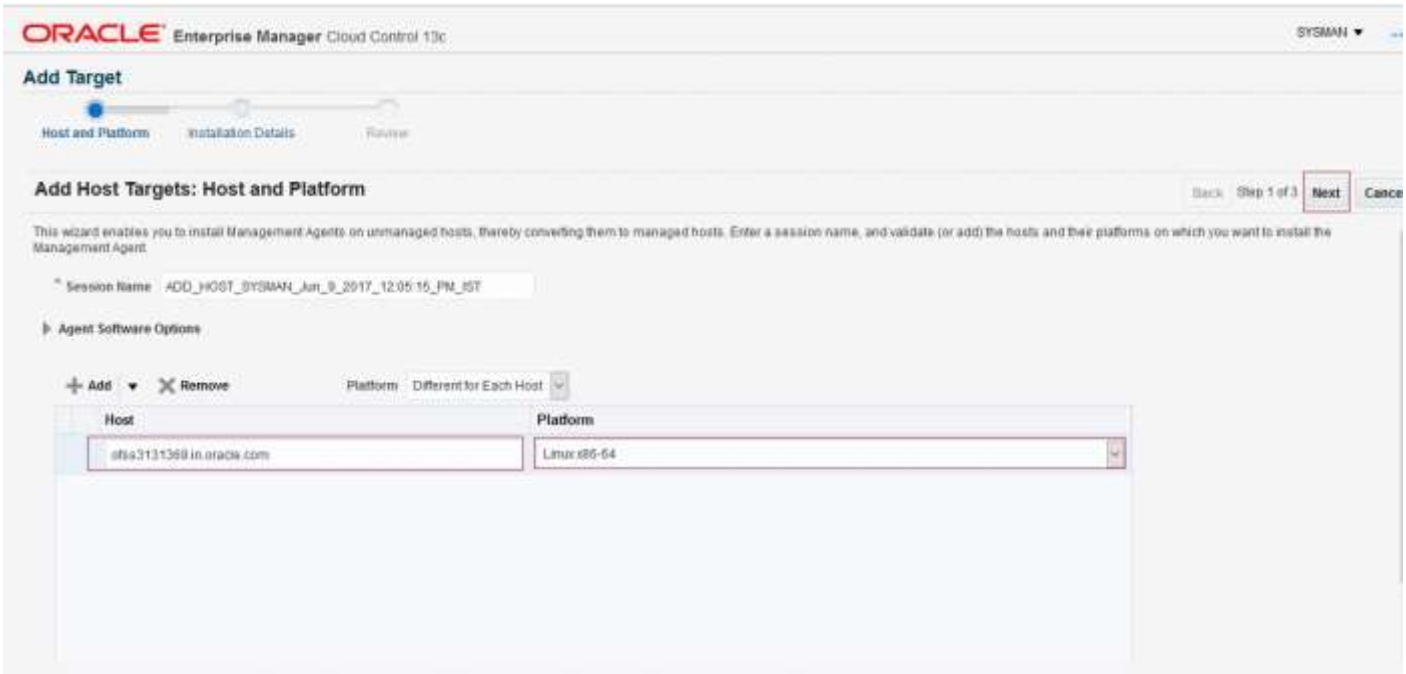
ii. Click "Install Agent on Host" of



iii. Click “Add” to enter host name and platform

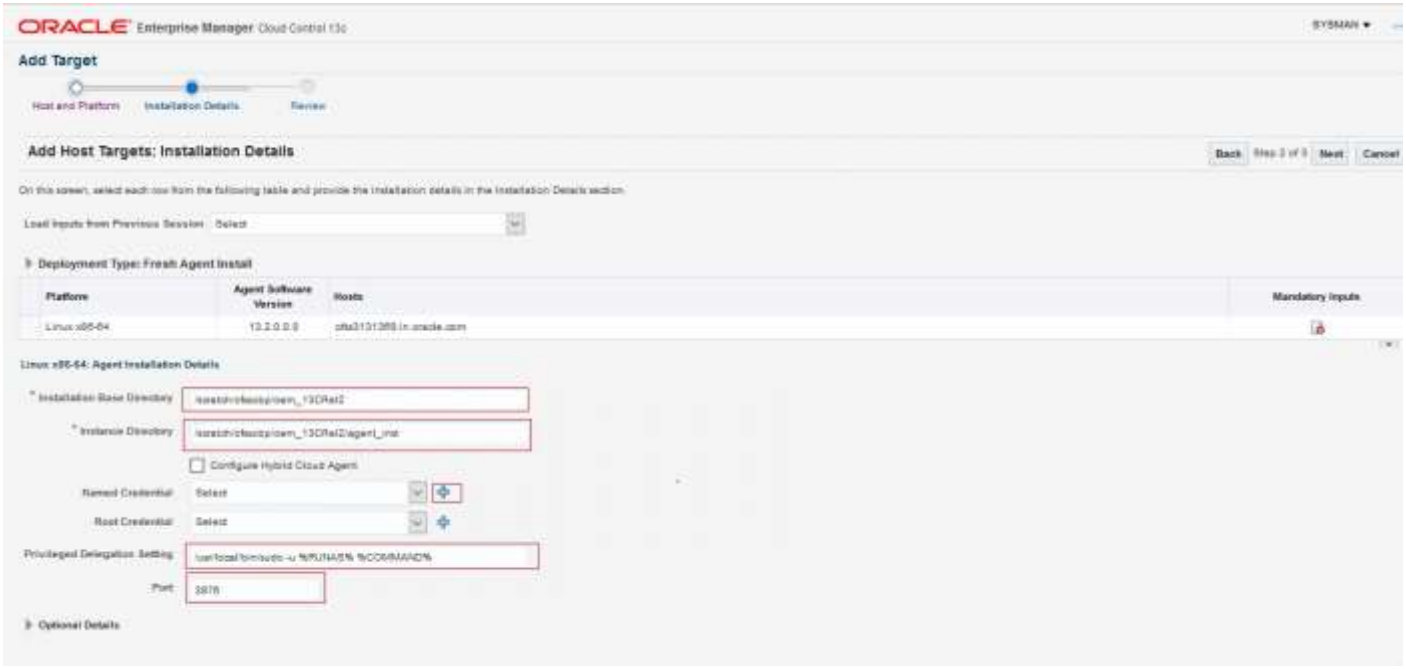


iv. Enter Host Name or IP address and platform and then click “Next”



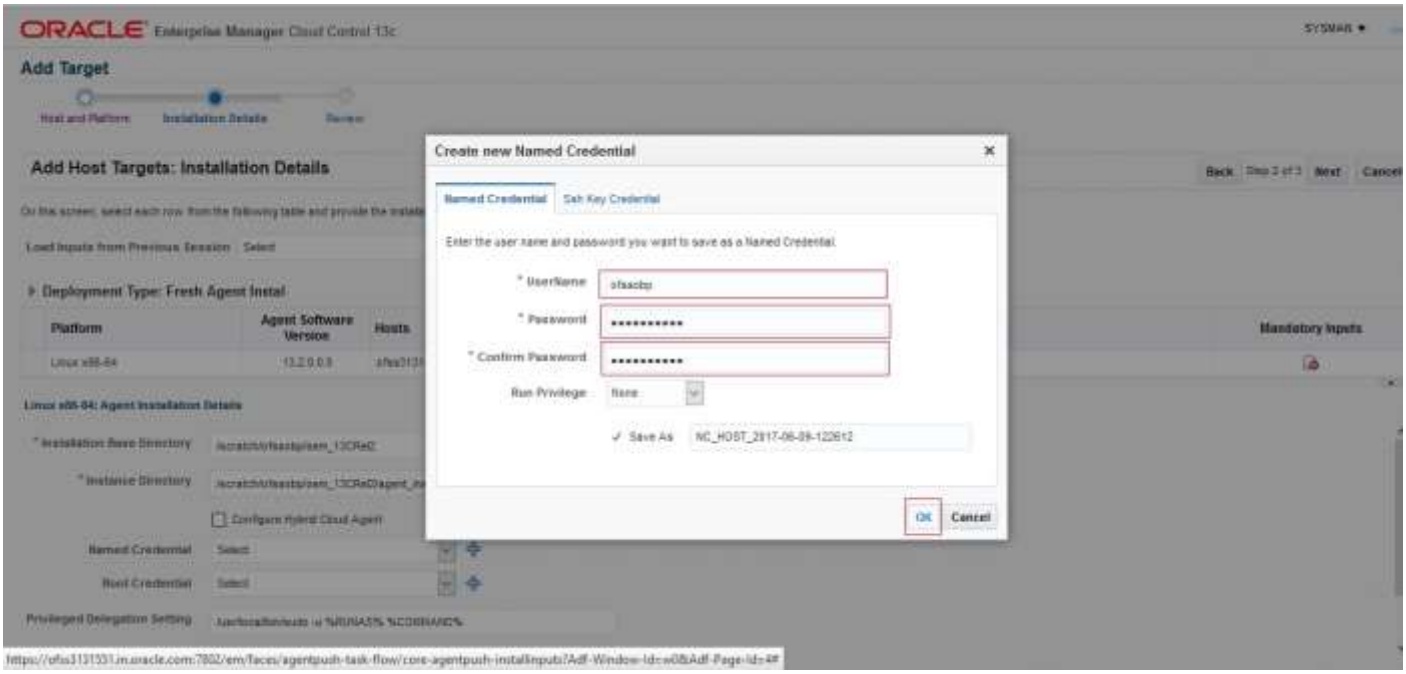
v. Enter agent installation details as follows
   a. Installation Base Directory: Specify the path of agent installation path
   b. Instance Directory: Will be populate after setting Installation Base Directory
   c. Privileged Delegation Setting: Check the “sudo” path of the machine and update accordingly

   After setting above parameters click “+” to set up Named Credential.

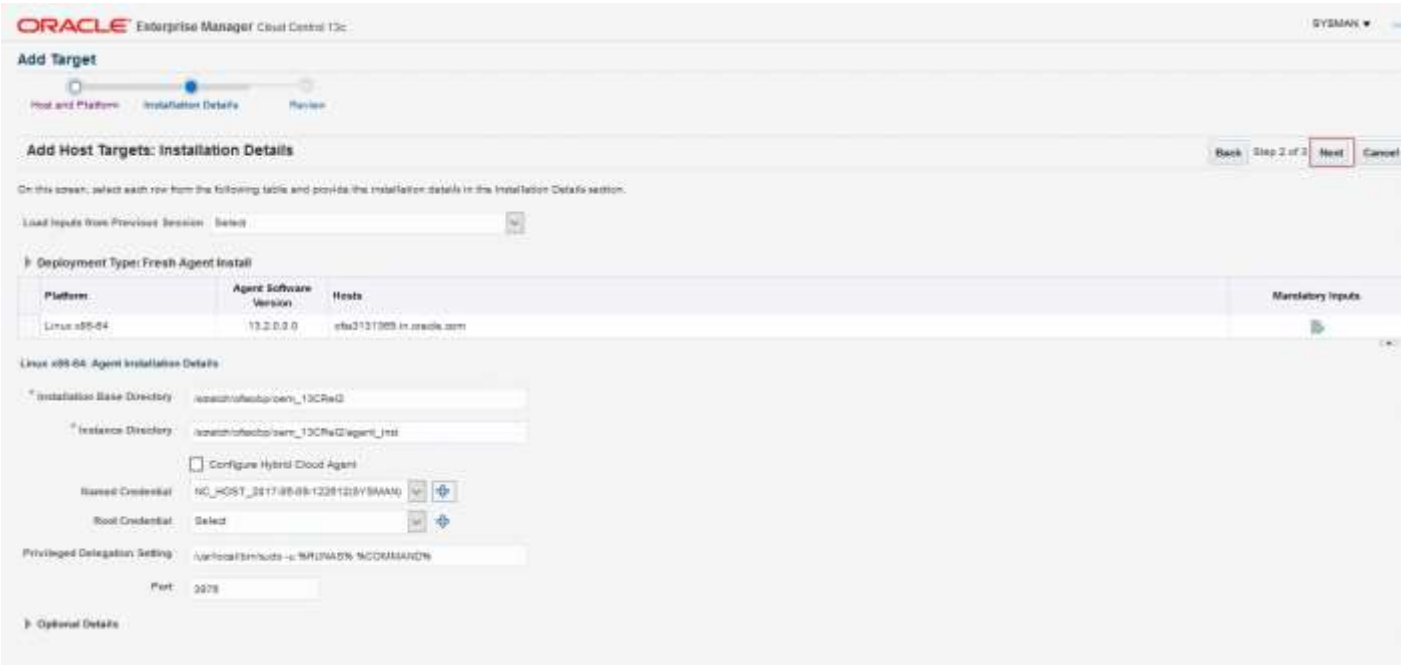


d. We can setup Root Credential too as user need to run root.sh after finishing target addition

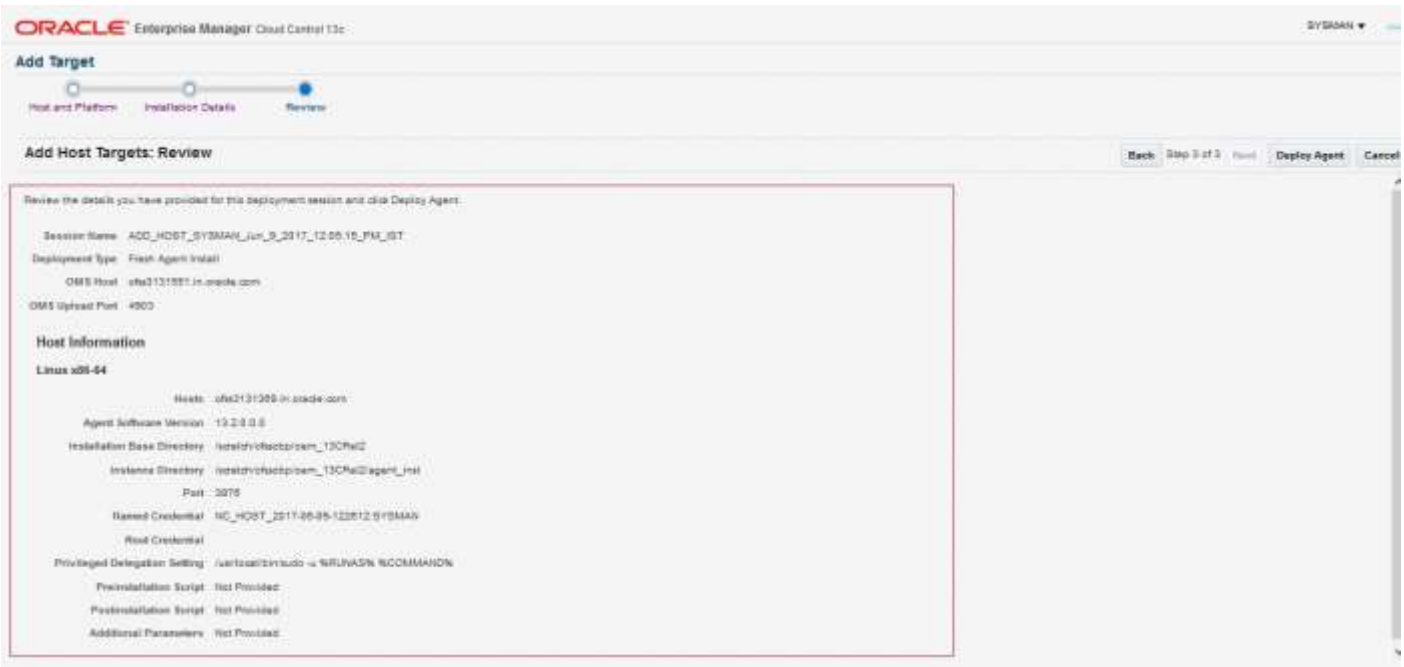
vi. Set up Named Credential. Enter User credential and click “OK”.



vii. After setting all agents installation details click “Next”.



viii. Review all parameters and click “Deploy Agent”.

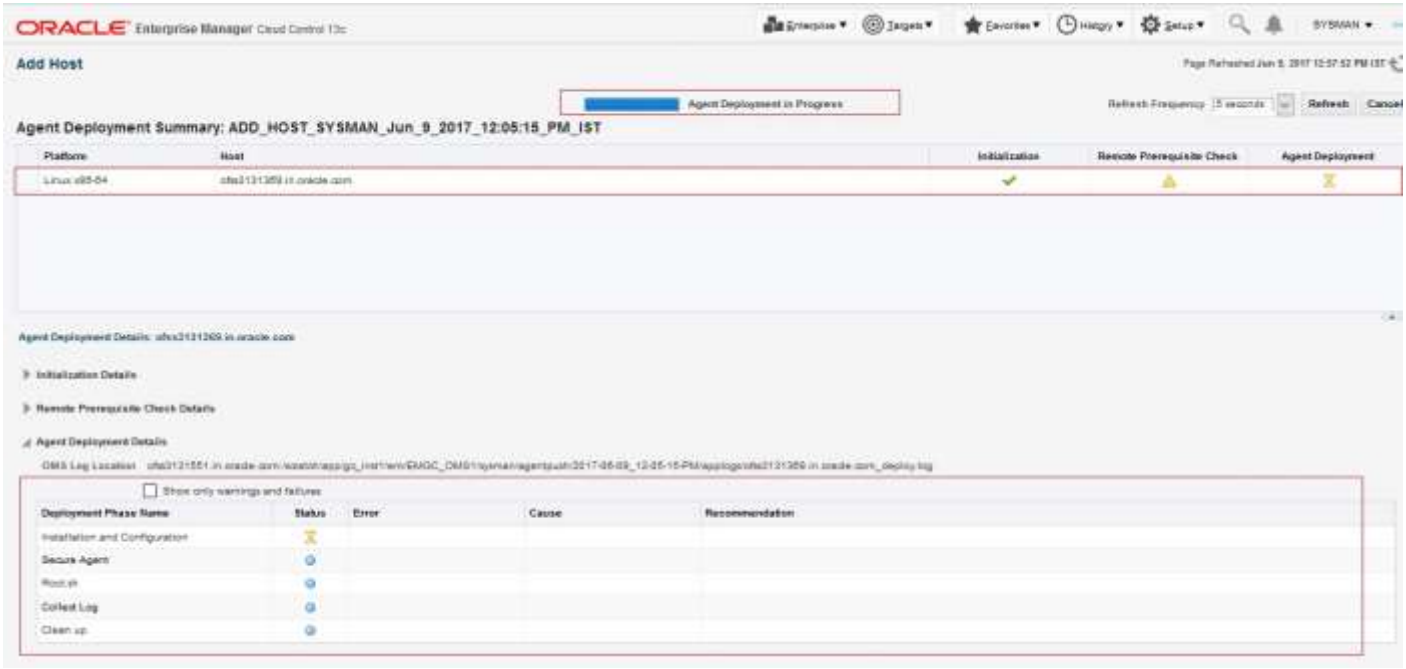


ix. Review the deployment processing.

a. Initialization of Agent deployment

b. Remote prerequisite check of agent deployment process

c. Agent deployment

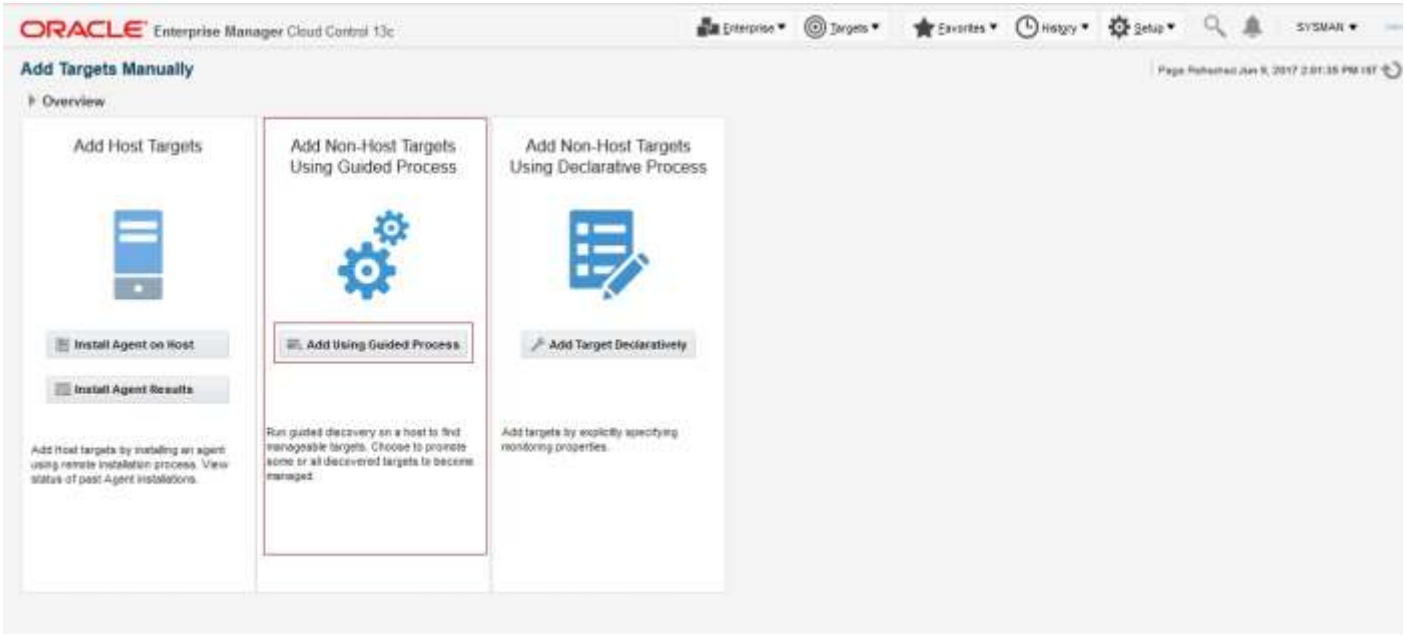


d. Status of agent deployment. Need to run root.sh on target machine after login as root.

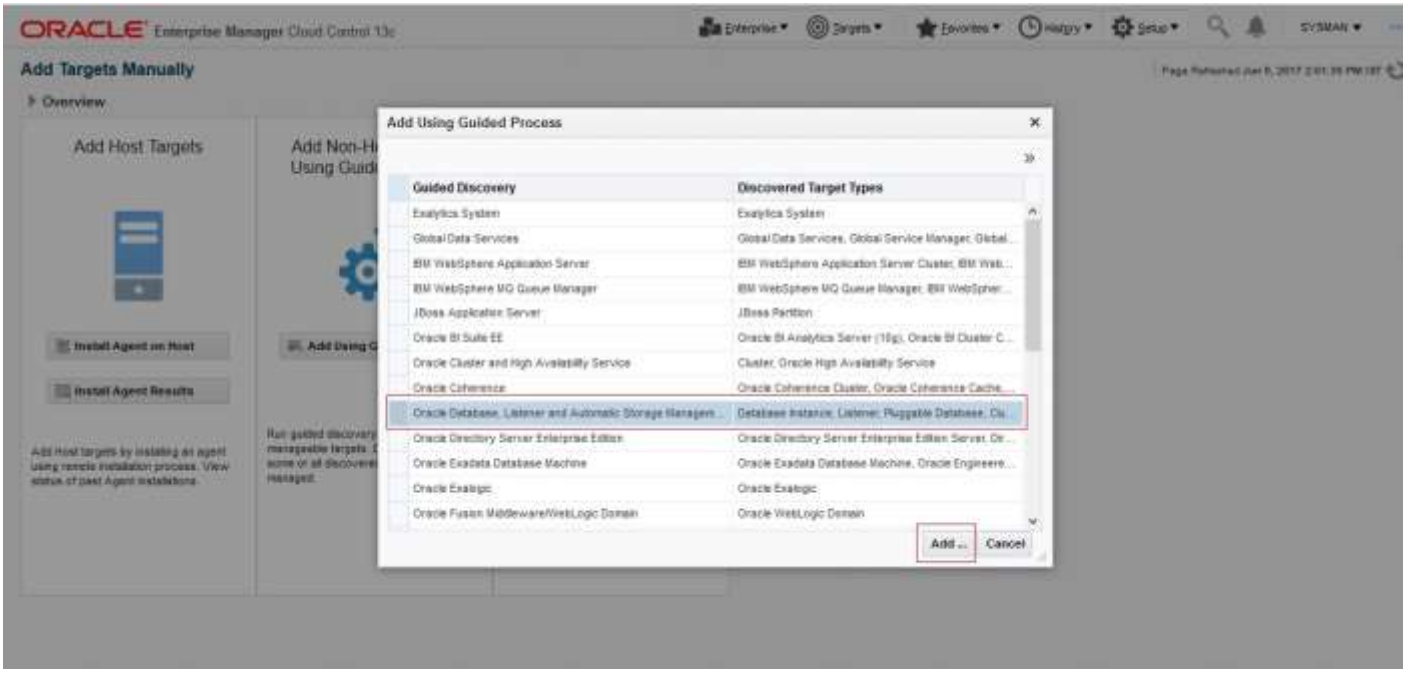
1.2 *Add target as target type "Database"*

i. Add Database Host machine following above steps.

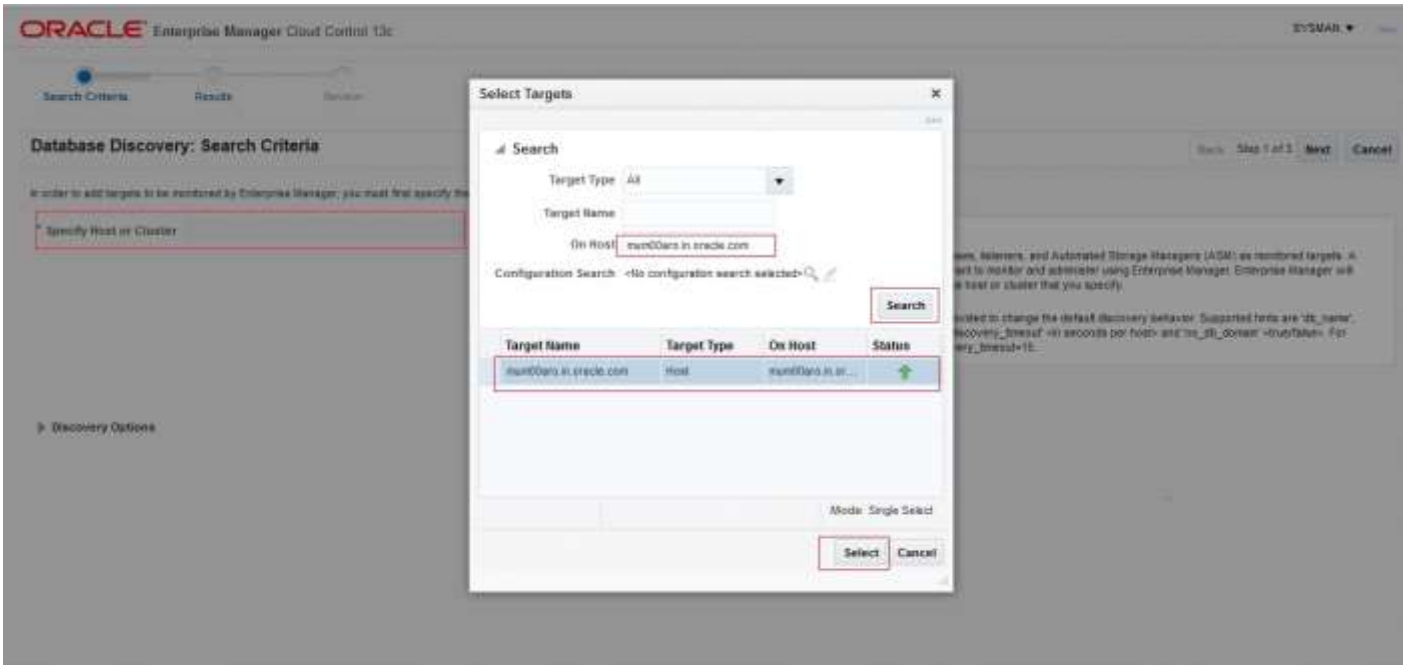
ii. Log in to EM console. Click "Setup" ->"Add Target" -> "Add Targets Manually". Then select "Add Using Guided Process" from "Add Non-Host Targets Using Guided Process" panel.



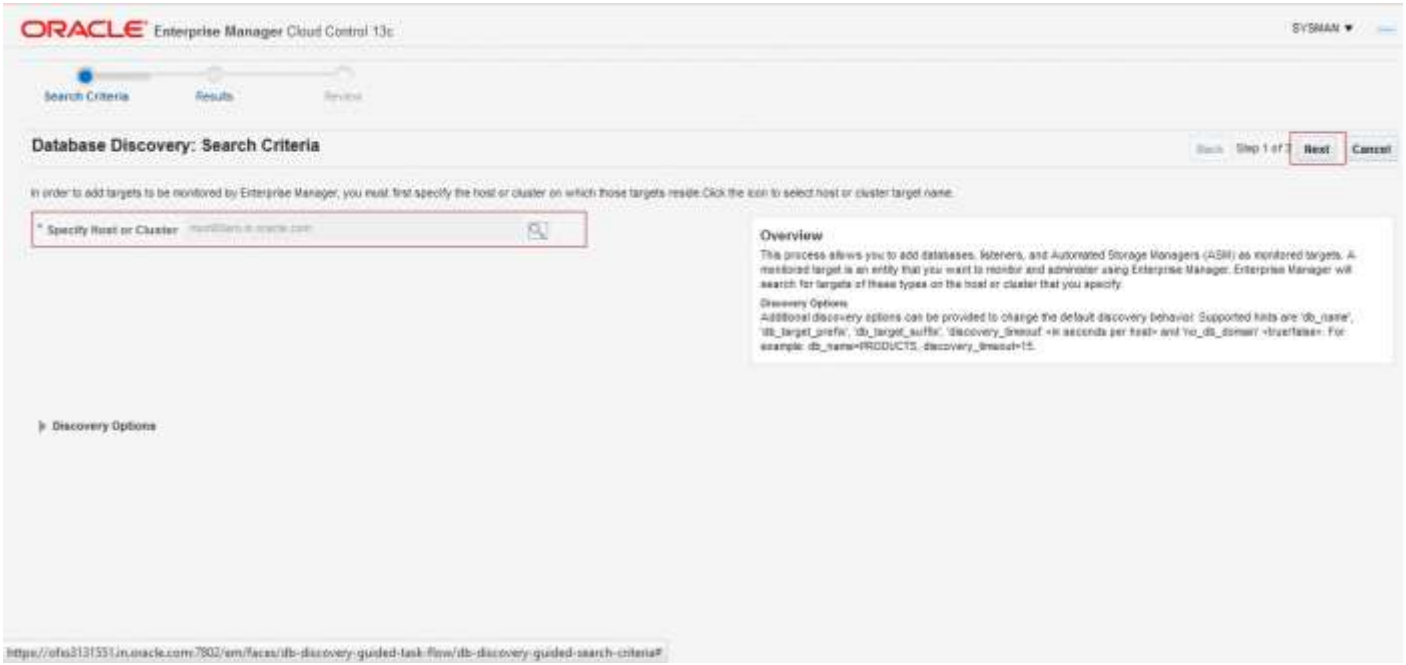
iii. Select “Target Type” as Oracle Database, Listener and Automatic Storage Management from popup list and then click “Add”.

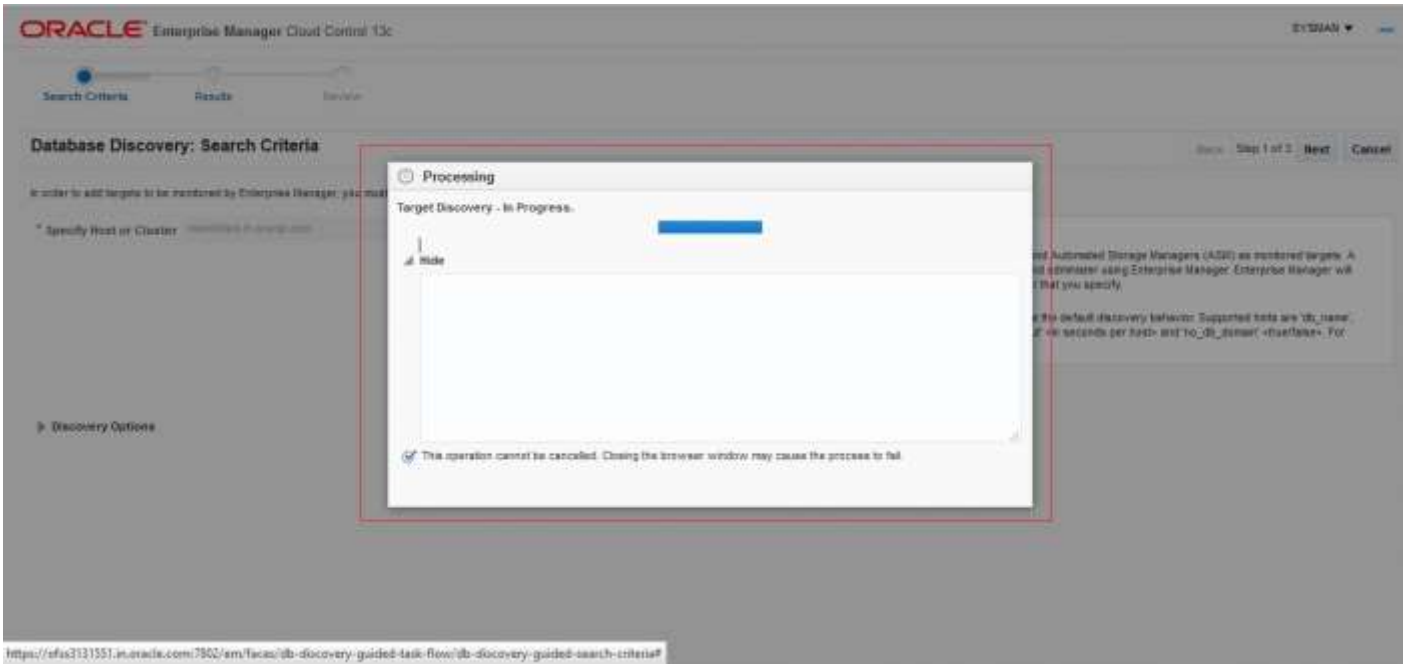


iv. Select database host machine by specifying Host and Cluster.

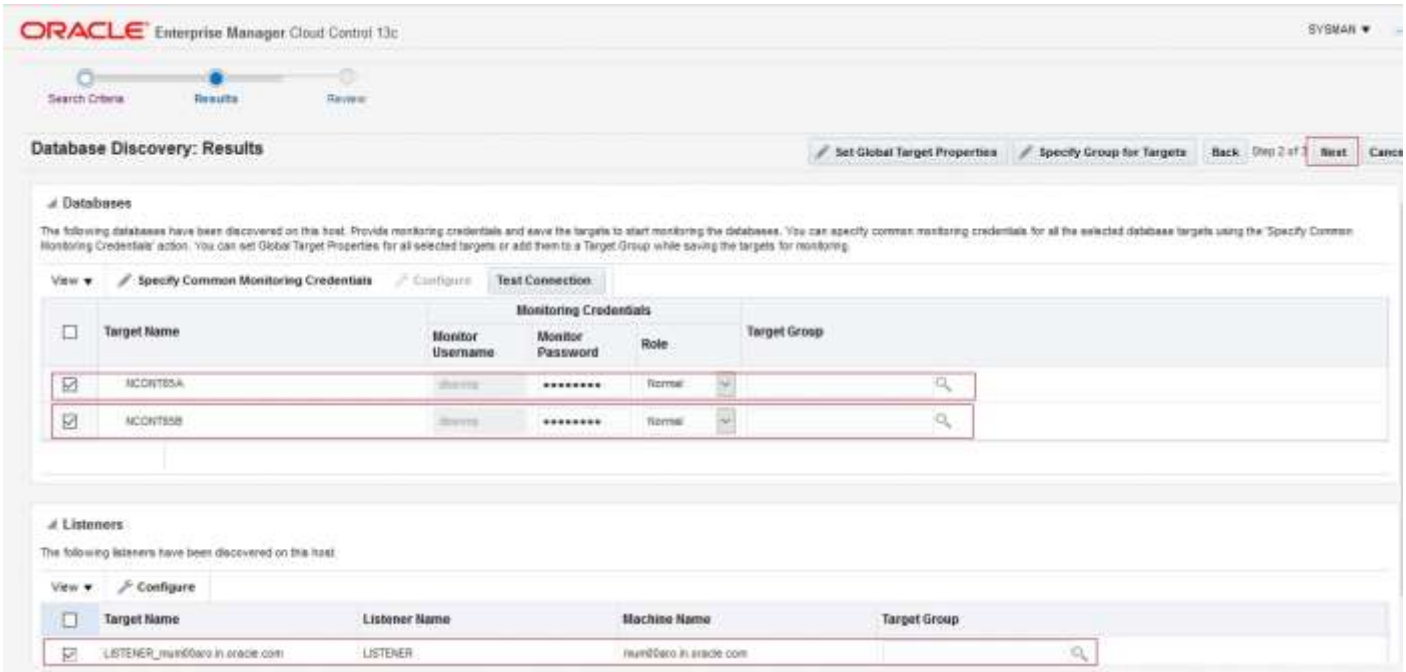


v. Select next after specifying Database host for Database discovery.

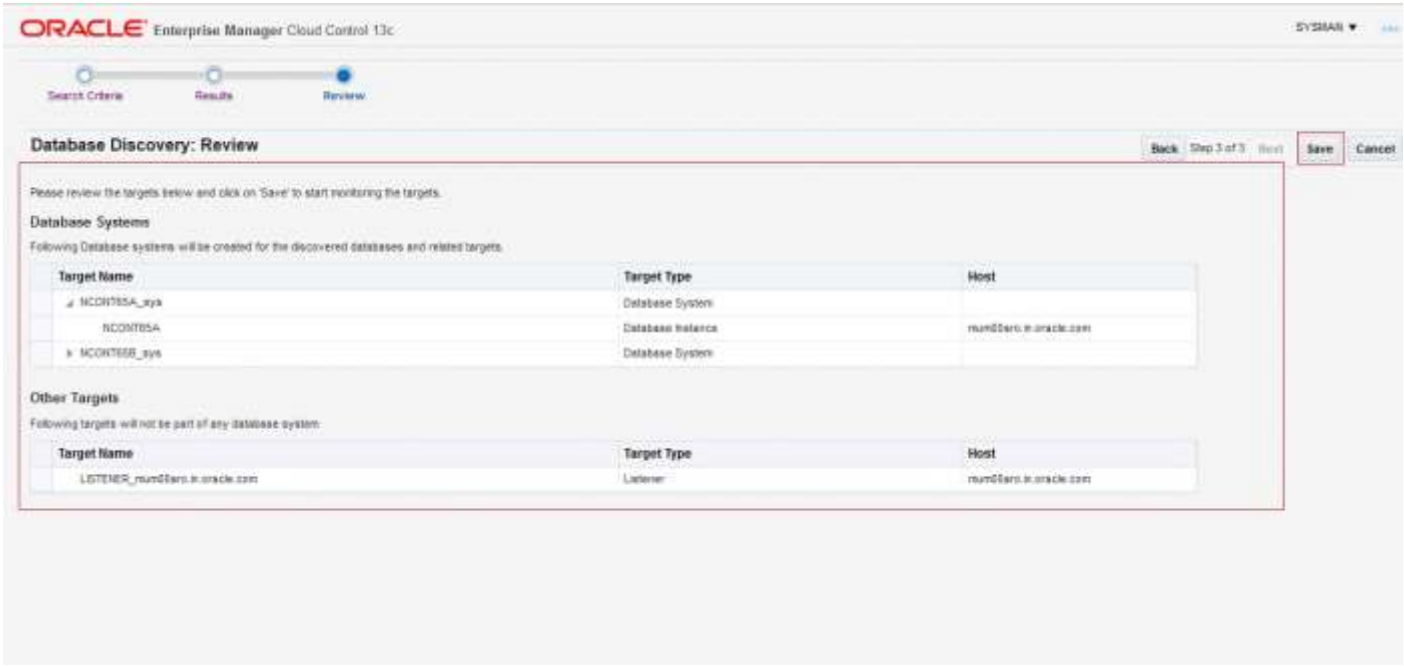




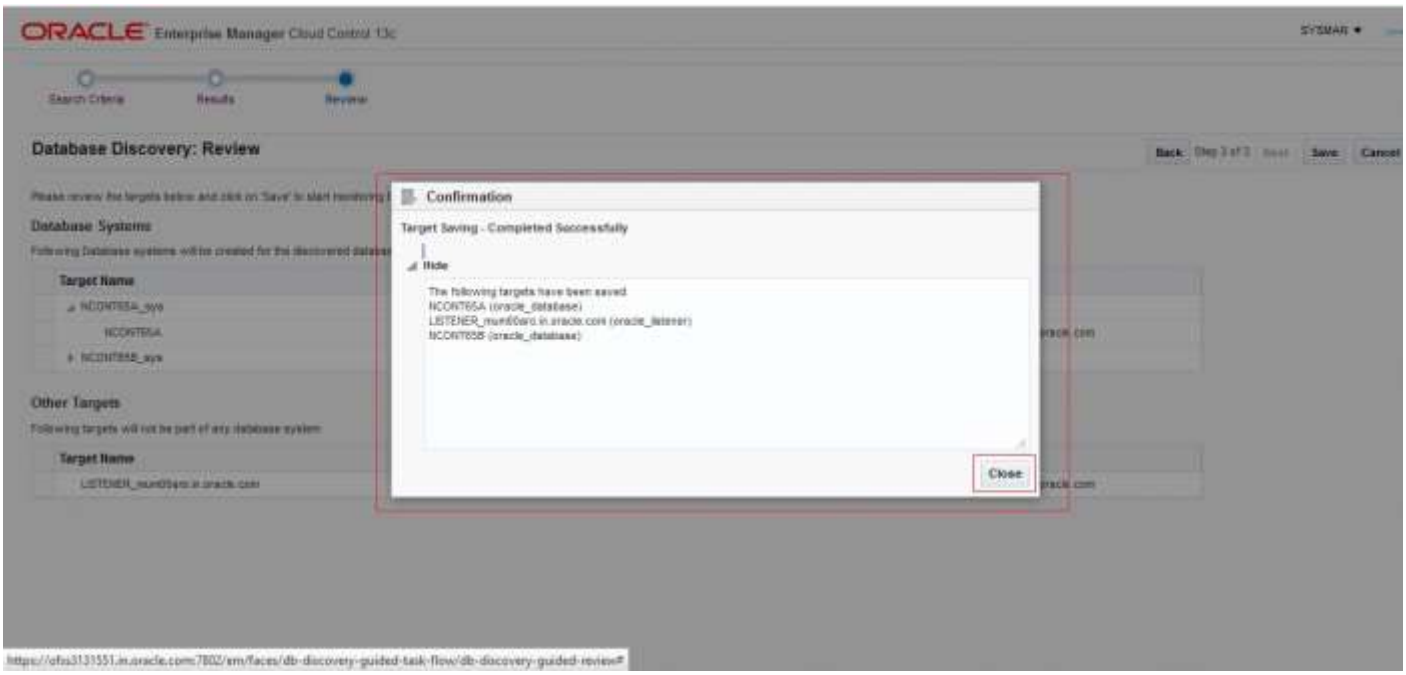
vi. Select the Database by checking the check box. Specify the Monitoring Credentials and then click “Next”.

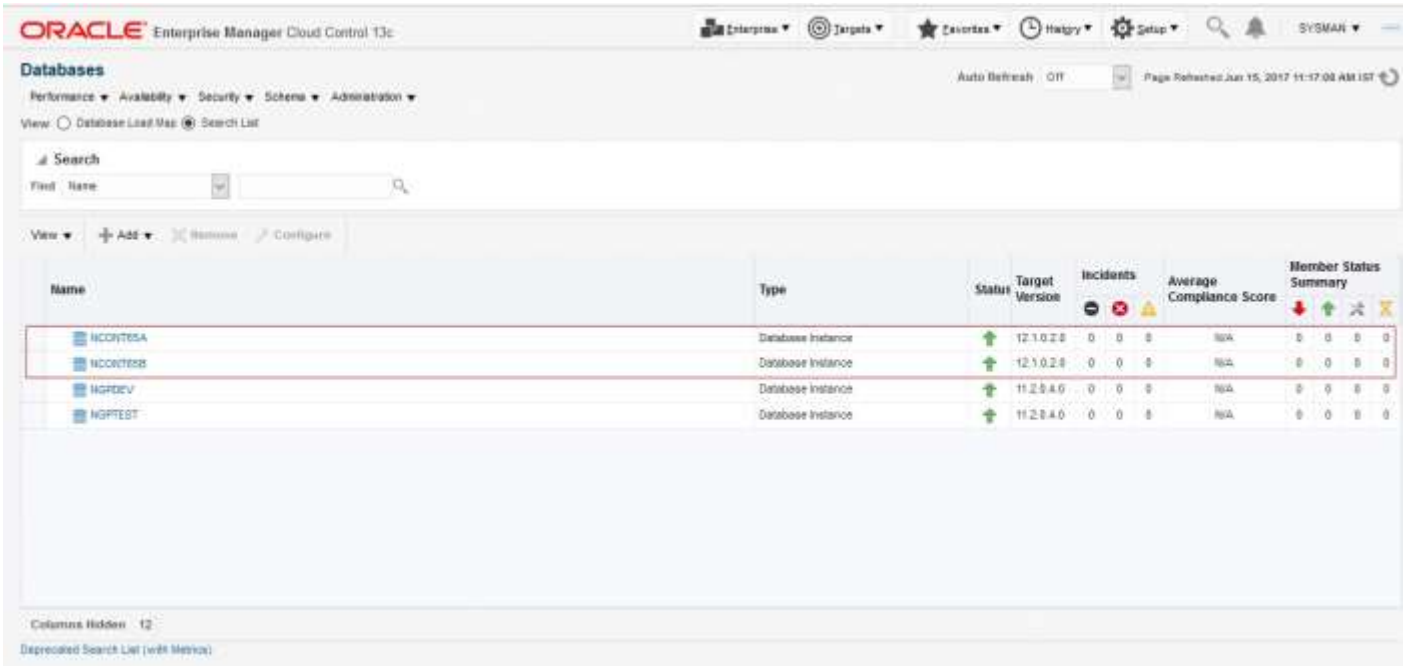


vii. Review the added Database and then click “Save”.



viii. Added Databases can be viewed by clicking “Targets” and then “Databases”





1.3 *Validate time zone of Oracle Management Agent and Oracle Management Server*

Time zone for all Oracle management agents for all the targets and Oracle Management Server should be same. If we have different time zone of Oracle Management Server and Oracle Management agents we need to following steps.

i. On the Oracle Management Agents server set the TZ to the correct time zone.
$export TZ=<OMS>
$echo $TZ

ii. Create blackout
$agent_home/bin/emctl start blackout `hostname` -nodeLevel

iii. Shutdown agent
$agent_home/bin/emctl stop agent

iv. Reset agentTZ
$agent_home/bin/emctl resetTZ agent

v. Update agent target time zone in em repository
Login to em repository database with sysman
SQL>exec mgmt_target.set_agent_tzrgn('<AGENT_TARGET_NAME>','US/Central');
SQL>commit;

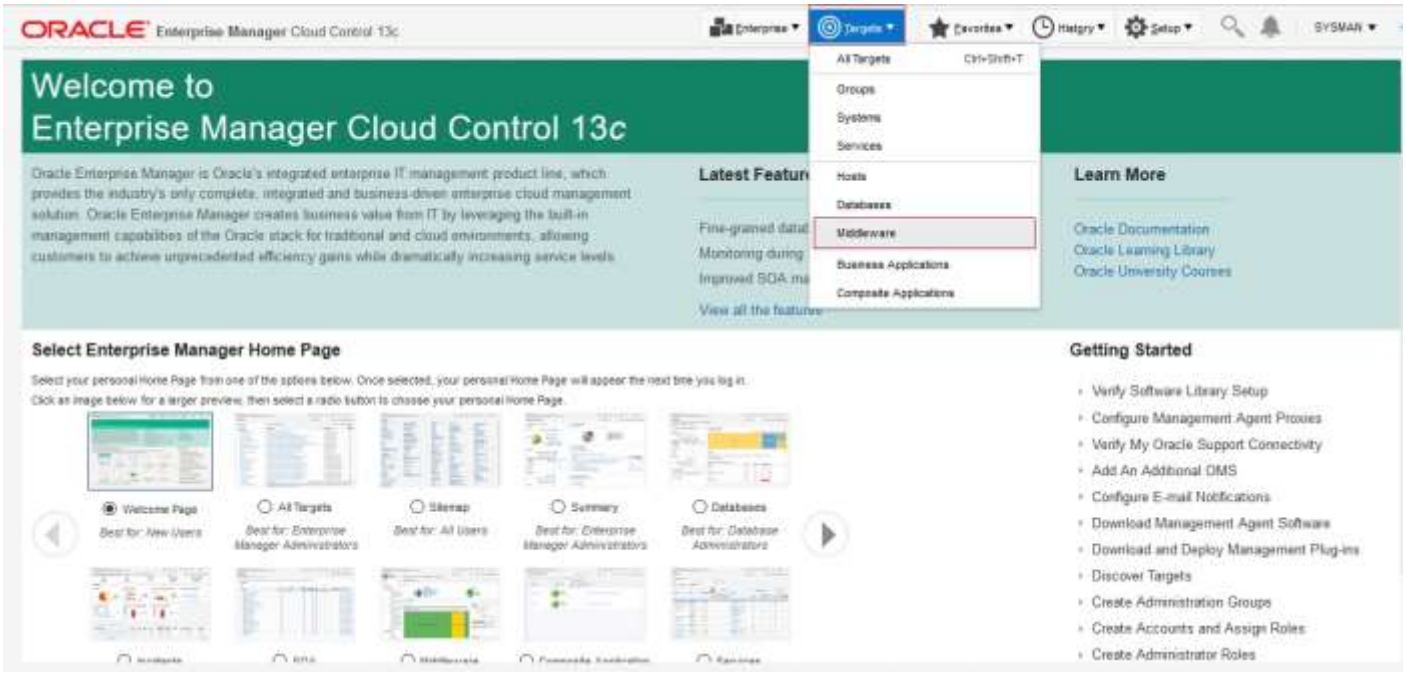
vi. Start agent
$agent_home/bin/emctl start agent
$agent_home/bin/emctl upload agent

vii. Stop Blackout
$agent_home/bin/emctl stop blackout `hostname`

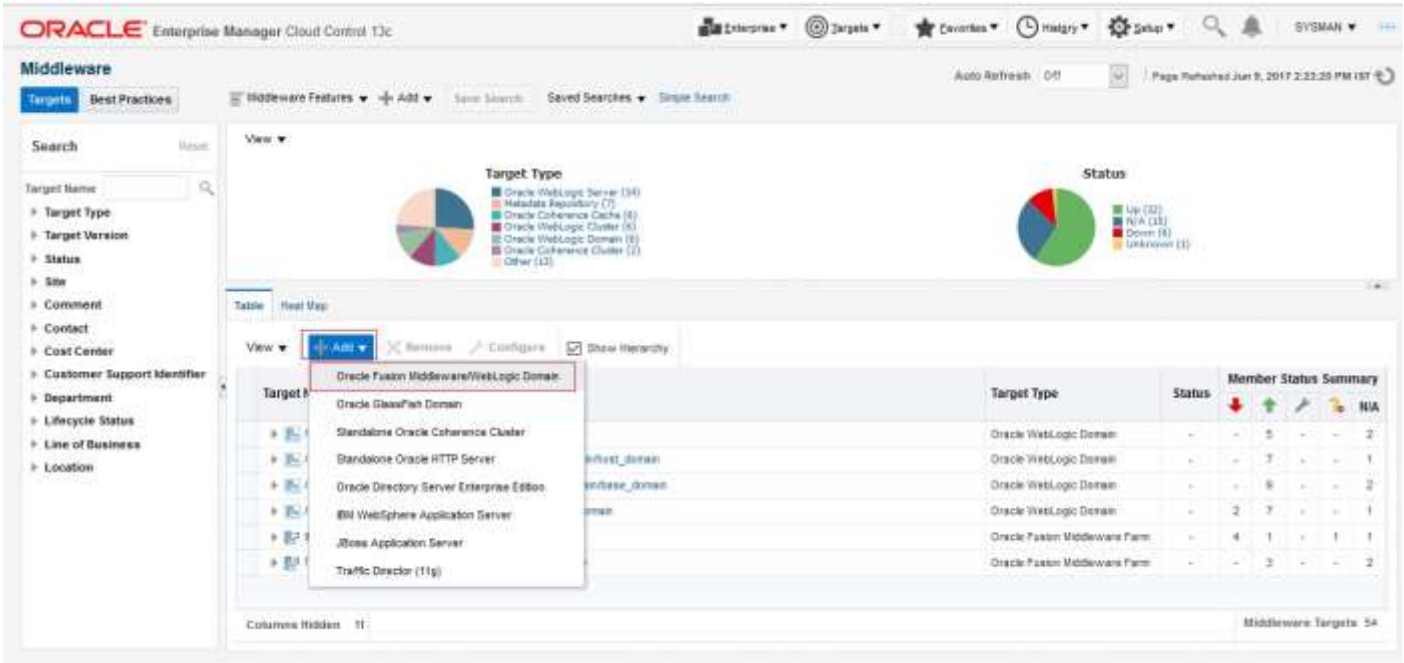
1.4 *Add targets as target type "Middleware"*

We need to add all middleware targets to monitor participating "Weblogic" domain. This is require for OBP host, OBP UI,OBP SOA and OBP OID.

i. Log in to EM console. Click “Targets” →”Middleware”



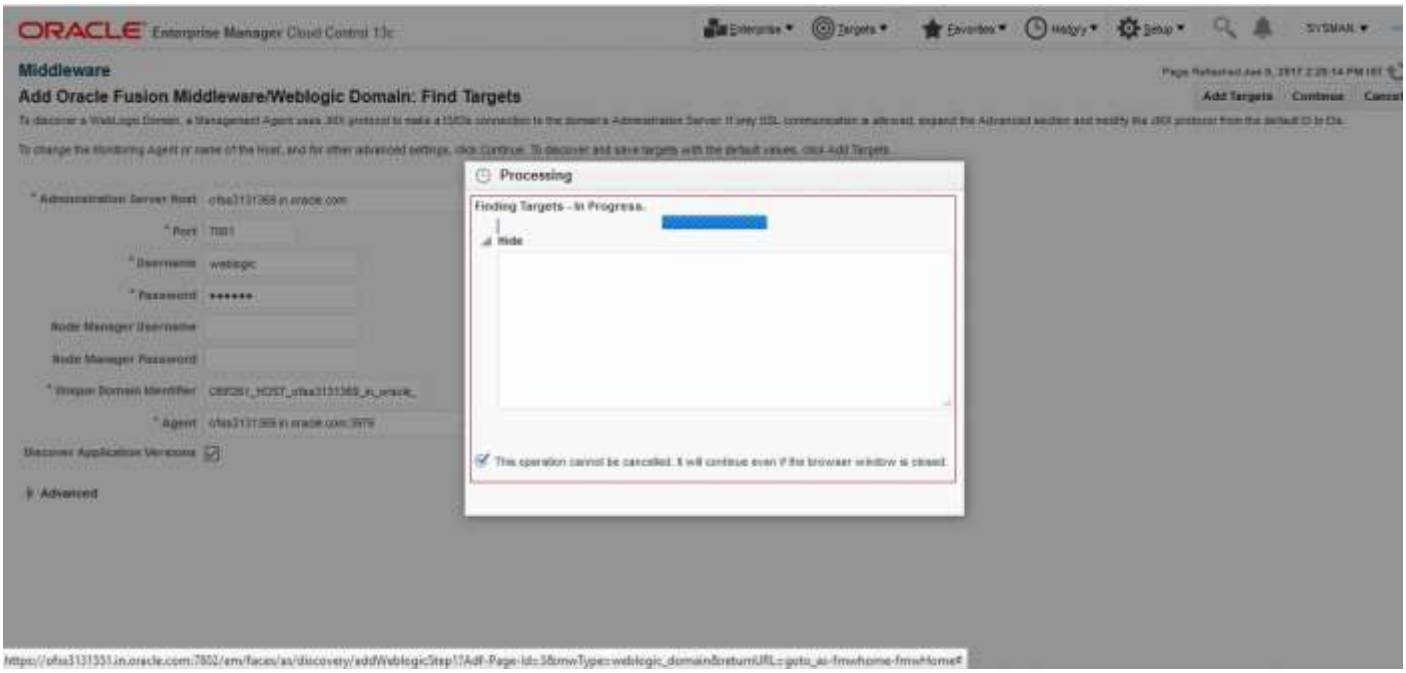
ii. Click “Add” ->”Oracle Fusion Middleware/Weblogic Domain”.

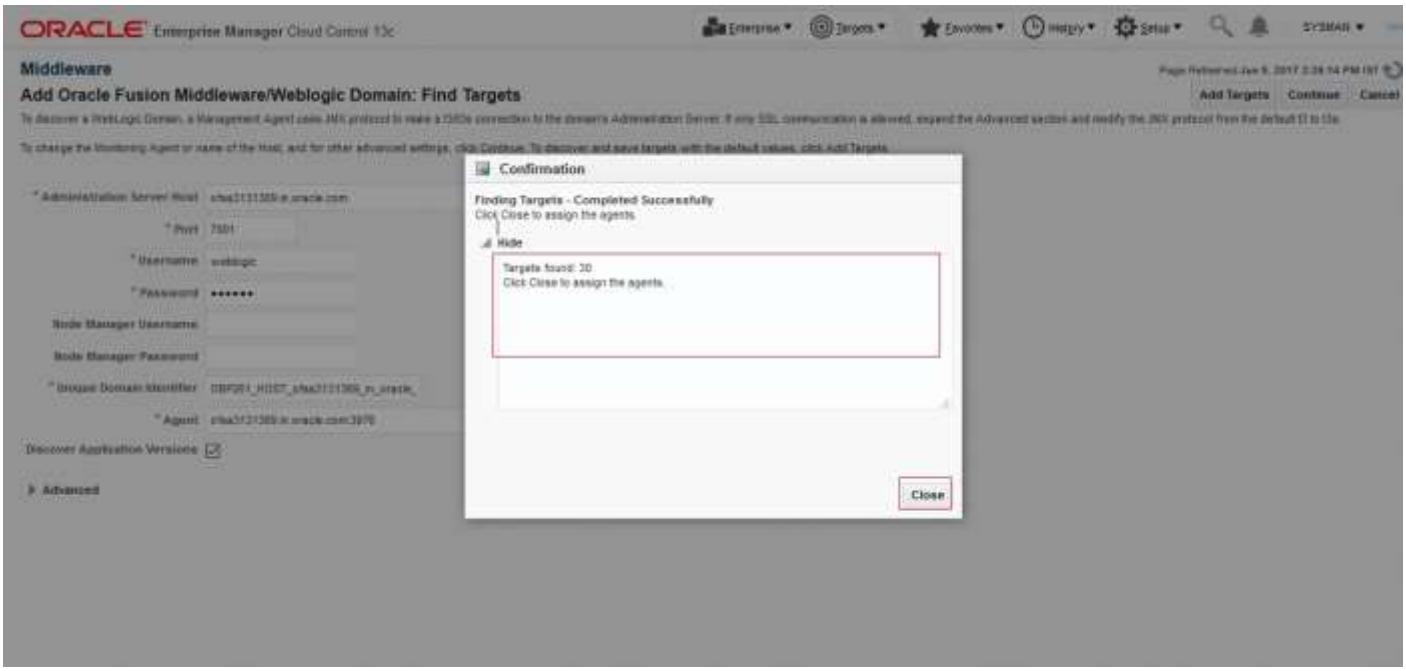


iii. Enter the details of the server for which the middleware is being created

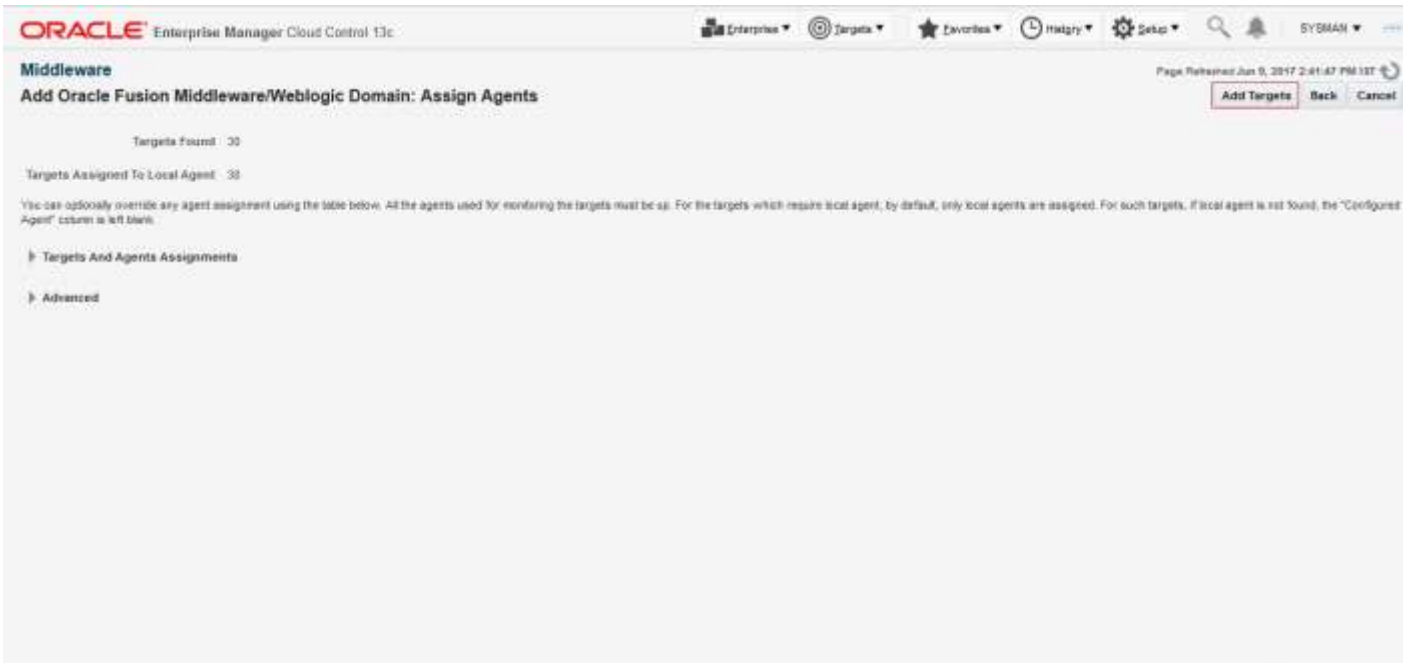
Administration Server Host = Enter the Hostname or IP of the middleware host
Port = Weblogic Admin Server port
Username/password = Weblogic Administration User and Password
Unique Domain Identifier =User can enter anything which reflect unique identification of particular domain. Please note that Unique Domain Identifier for OBP UI and OBP Host are require for Step 6 seed creation.
Agent: It is automatically detected after entering the ‘Administration Server Host’

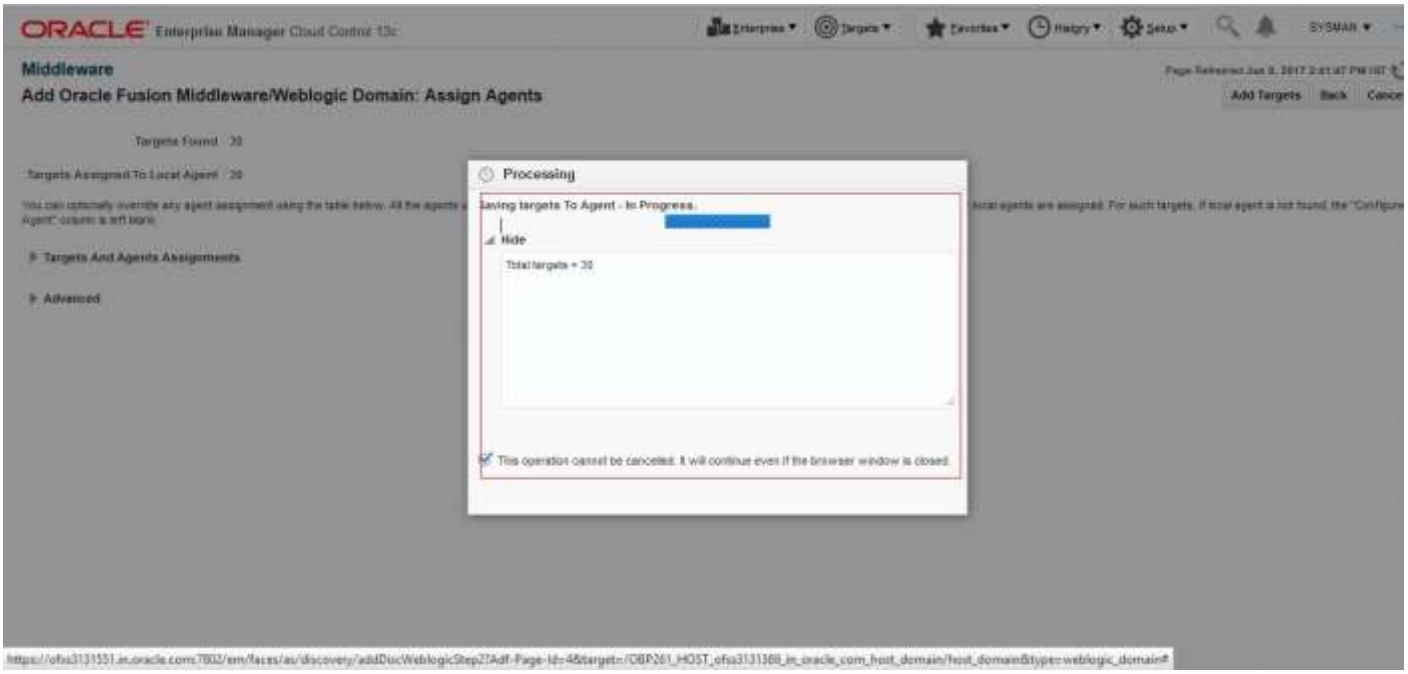
iv. Click on continue, it will identify the targets for that server.



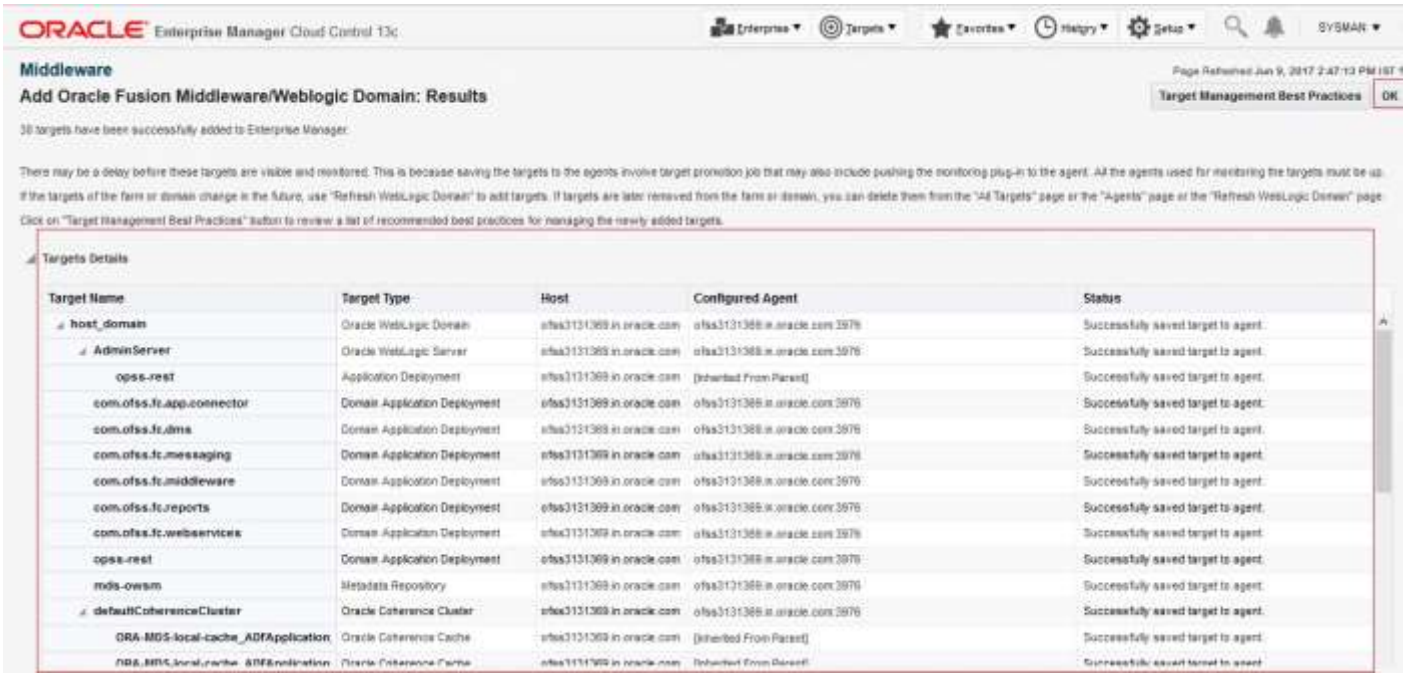


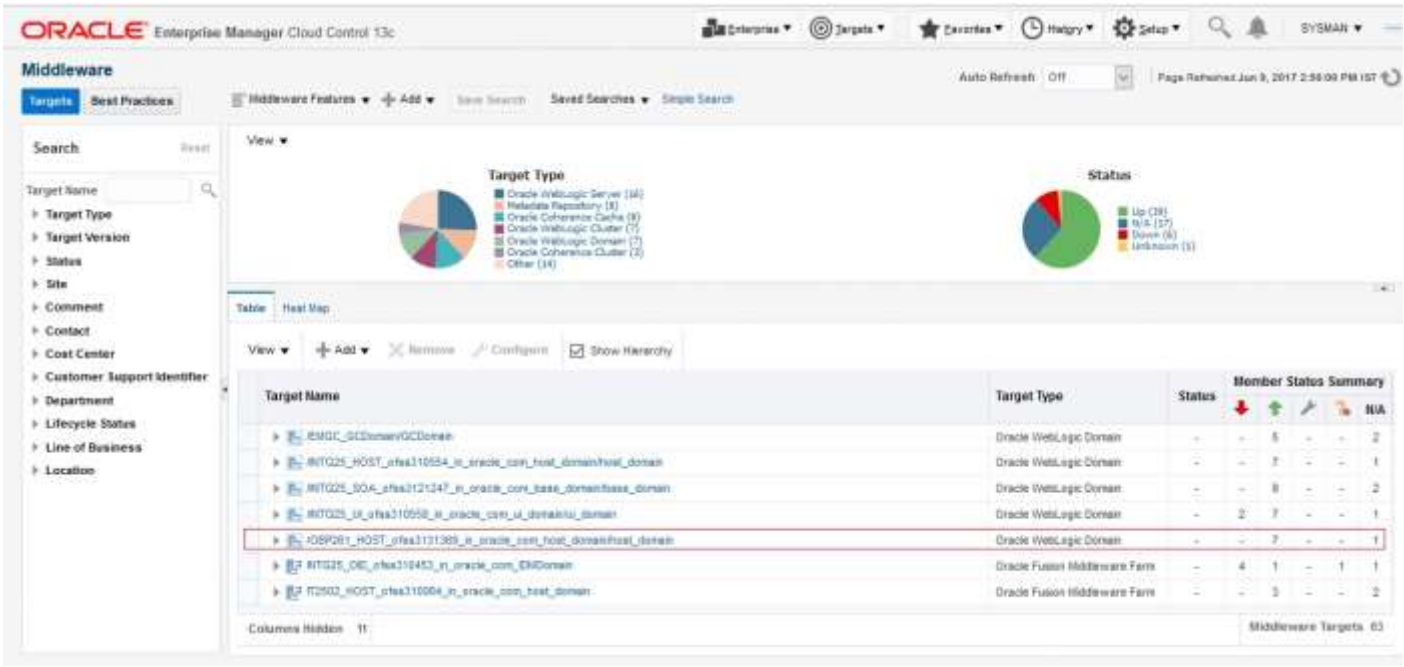
v. Close the box. , click on “Add Targets”, the targets will be added after the search.





vi. Click on the Finish button to complete the middleware creation for that server. Complete the addition of middleware for UI, SOA and OID servers similarly.





2 Deploy OBP EM plugin.

2.1 *Upload plugin files and related scripts*

i. Log to the EM machine
ii. Create folder “obpplugin”on EM machine in /scratch/app/product/ directory
iii. Create folder “plugin” on EM machine in /scratch/app/product/obpplugin directory
iv. Upload “obp_em_view_script” folder in “plugin” directory. Source available at <OBPINSTALLER>/em_monitor/EM/OBP_Management_Pack
v. Upload “scripts” folder in “plugin” directory. Source available at <OBPINSTALLER>/em_monitor/EM/OBP_Management_Pack
vi. Upload “13.2.1.0.0_oracle.system.odhs_2000_0.opar” file in “scripts” directory. Source available at <OBPINSTALLER>/em_monitor/EM/OBP_Management_Pack/scripts
vii. Upload “com.ofss.fc.ops.em.dms.ear” file in “/scratch/app/product/obpplugin/plugin” directory. Source available at <OBPINSTALLER>/em_monitor/EM/OBP_Management_Pack.You can upload from local machine during com.ofss.fc.ops.em.dms.ear deployment on OEM Weblogic Server.

2.2 *Set the environment variables*

i. Log to the EM machine
ii. Export the PATH to include OMS bin folder
export PATH= $PATH :<“Path of OEM13c”>/bin
e.g. for DEMO →
export PATH= $PATH:/scratch/app/oem13C_rel2/bin
iii. Export the EMCLI command path
export EMCLI= <“Path of OEM13c”>/bin/emcli
e.g. for DEMO →
export EMCLI=/scratch/app/oem13C_rel2/bin/emcli

iv. Export the HS_HOME (This the home directory of the 13.2.1.0.0_oracle.system.odhs_2000_0.opar file)
e.g. for DEMO →
export HS_HOME=/scratch/app/OBP_Management_Pack/scripts/OBP

2.3 *Deploy the plugin in the EM*

i. Log to the EM machine
ii. Verify OEM secure port and agent port value based on OEM environment
- OEM secure port : is the port where OMS running in Oracle Enterprise Manager Server .
- Agent port: is the port where Oracle Enterprise Manager Server agent running on Oracle Enterprise Manager Server host. We can get details after login to Oracle Enterprise manager Agent path and run command **./emctl status agent** and check **Agent URL**
- Please validate the TMP path defined in deploy_oms.sh and deploy_agent.sh script before running

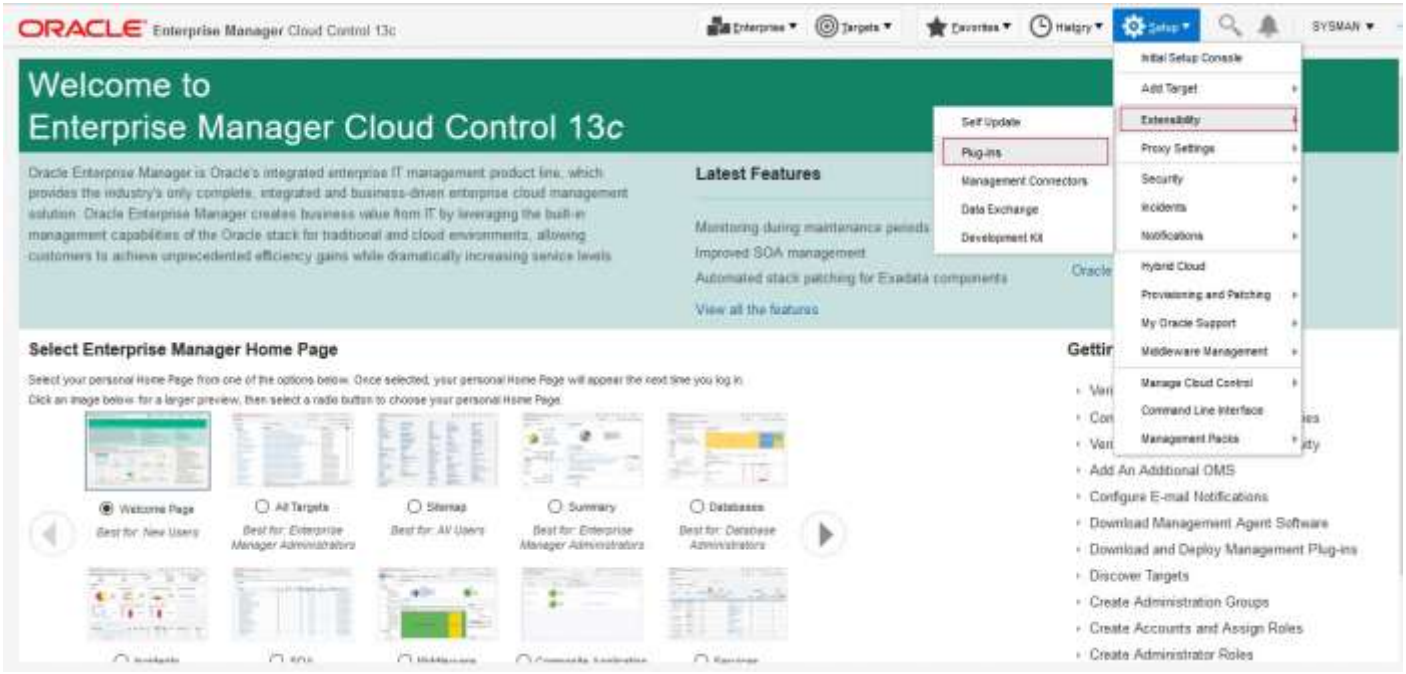
iii. Run the deploy_oms.sh script.
User need to enter following details:
- OEM user name/password(e.g. sysman/******)
- OEM management repository password
- OBP plug-in version(e.g. 13.2.1.0.0)
- OEM secure port

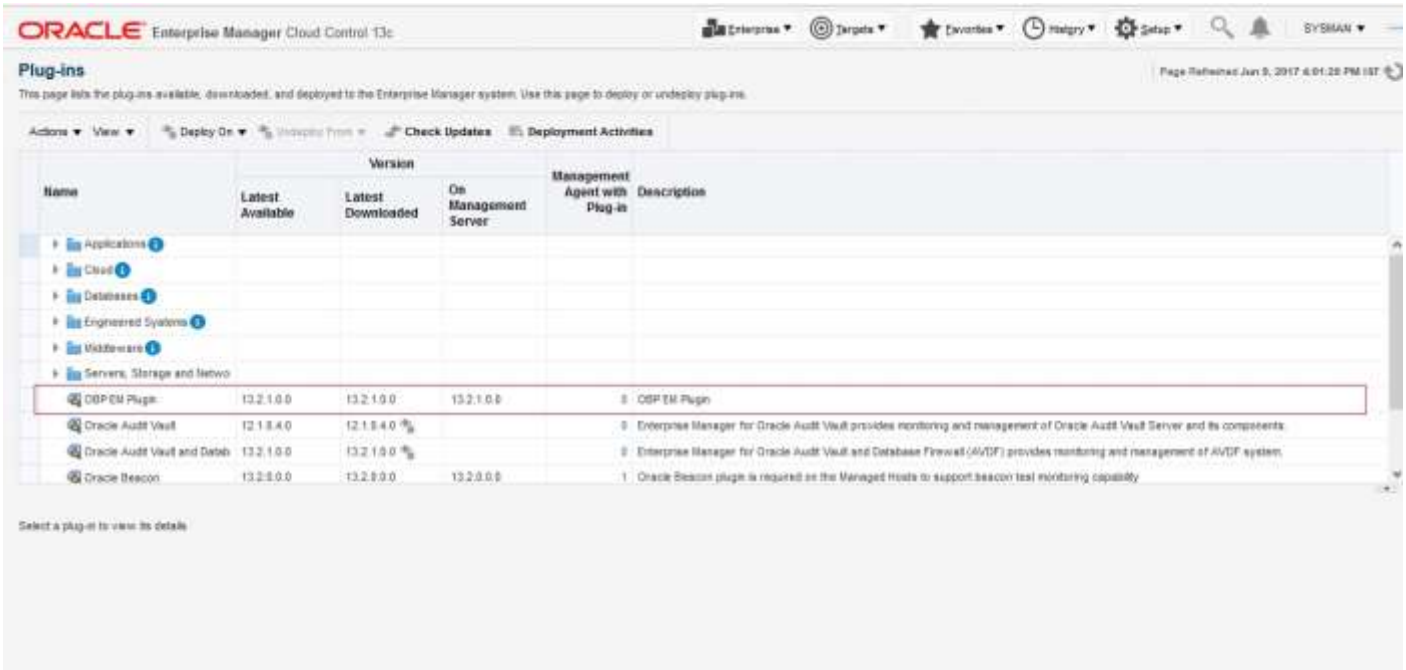
e.g. for DEMO →

./deploy_oms.sh

```
[ofssobp@ofss3131551 OBP]$ ./deploy_oms.sh
Enter OEM user : sysman
Enter OEM Password  :
Enter OEM DB Password  :
Enter OBP plugin version : 13.2.1.0.0
Enter OEM secure port : 7802


This script requires the software library to be setup. Setup->Provisioning and Patching->Software Library.  Click Add to create a softwar
e library.  This only needs to be done 1x for an OMS.


------------------- setup emcli ...
sh /scratch/app/oem13C_rel2/bin/emcli setup -url=https://ofss3131551.in.oracle.com:7802/em -username=sysman-pass=*****  -dir=/scratch/ofs
sobp -licans=yes -trustall
Oracle Enterprise Manager 13c Release 2.
Copyright (c) 1996, 2016 Oracle Corporation and/or its affiliates. All rights reserved.

Emcli setup successful
------------------- create hostsample opar ...
rm -f /var/tmp/13.2.1.0.0_oracle.system.odhs_2000_0.opar
------------------- import hostsample ...
sh /scratch/app/oem13C_rel2/bin/emcli import_update -file=/scratch/app/OBP_Management_Pack/scripts/OBP/13.2.1.0.0_oracle.system.odhs_2000
_0.opar -omslocal
Processing update: Plug-in - OBP EM Plugin
Successfully uploaded the update to Enterprise Manager. Use the Self Update Console to manage this update.
------------------- deploy hostsample to OMS ...
sh /scratch/app/oem13C_rel2/bin/emcli deploy_plugin_on_server -plugin=oracle.system.odhs:13.2.1.0.0 -sys_password=*****
------------------- loop until async OMS deploy completes
Status               : Success
Plugin OMS deploy took about 70 seconds
------------------- Deployment complete: Plugin deployed on oms
[ofssobp@ofss3131551 OBP]$
```

iv. Check successful deployment of plugin by login in to EM console. Click “Setup” →”Extensibility” →”Plug-ins”





2.4 *Undeploy the plugin in the EM*

If the plugin is already deployed on the EM, undeploy them from the agents and the EM.To do that we need to do follow two step.

- Undeploy OBP plugin from management agent and OMS manually or through script.
- Delete entry from plugin update list.

2.4.1 Undeploy OBP plugin from management agent and OMS

- Undeploy OBP plugin using script

i. Log to the EM machine

ii. Verify OEM secure port and agent port value based on OEM environment.

- EM_PORT_SECURE: is the port where OMS running in Oracle Enterprise Manager Server .
- AGENT_PORT: is the port where Oracle Enterprise Manager Server agent running on Oracle Enterprise Manager Server host. We can get details after login to Oracle Enterprise manager Agent path and run command **./emctl status agent** and check **Agent URL**

iii. Run the undeploy_agent.sh to undeploy the plugin from the agents:

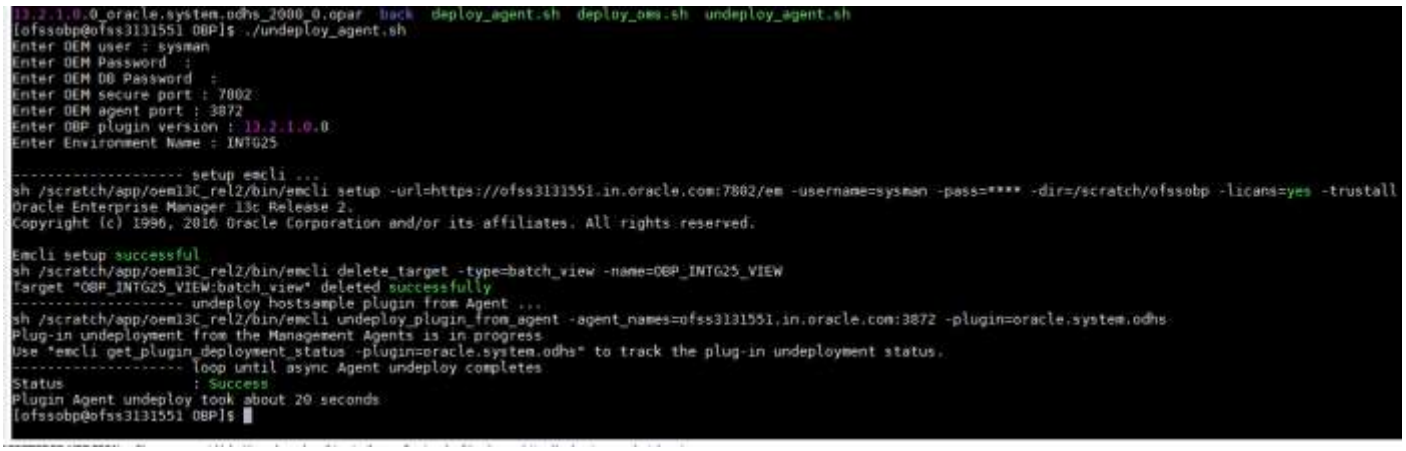
./undeploy_agent.sh

User need to enter following details

- OEM user name/password (e.g. sysman/******)
- OEM management repository password
- OBP plug-in version (e.g. 13.2.1.0.0)
- OEM secure port
- OEM agent port

e.g. for DEMO →

./undeploy_agent.sh



iv. Run the undeploy_oms.sh to undeploy the plugin from the OEM:

./undeploy_oms.sh

User need to enter following details

- OEM user name/password (e.g. sysman/******)
- OEM management repository password
- OBP plug-in version (e.g. 13.2.1.0.0)
- OEM secure port

e.g. for DEMO →

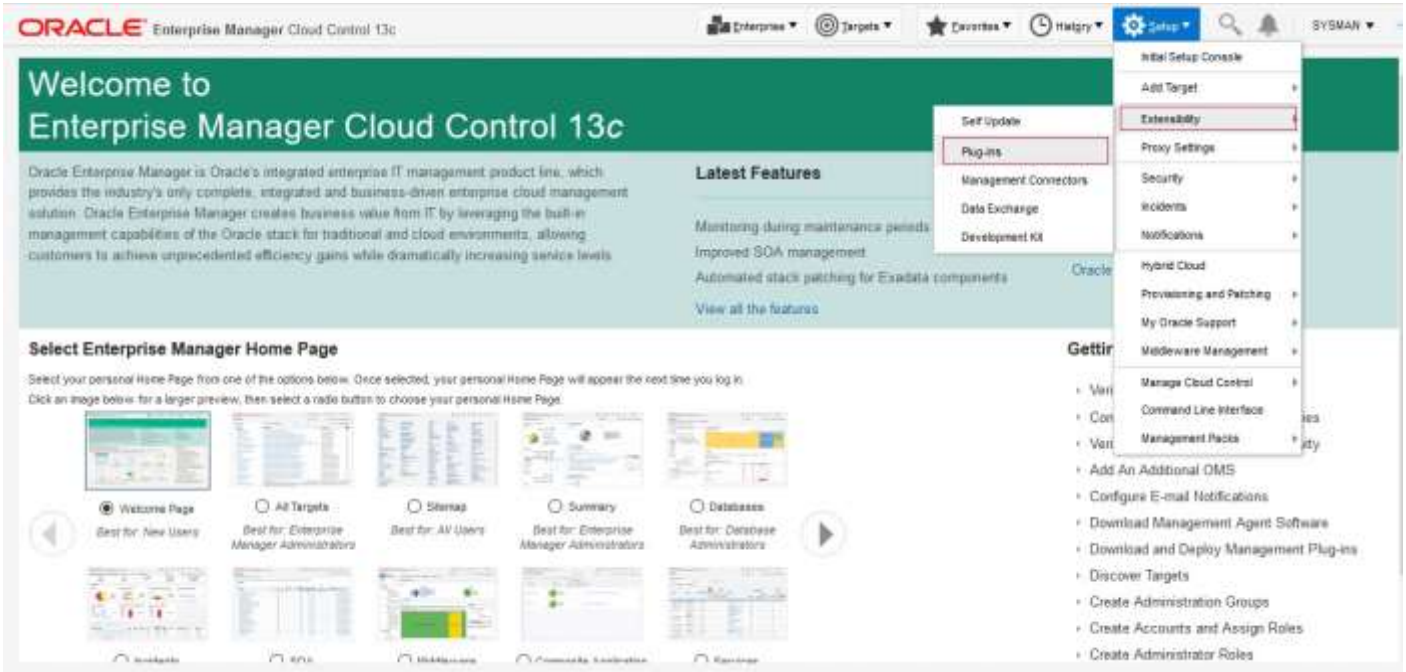
./undeploy_oms.sh

```
[ofssobp@ofss3131551 OBP]$ ls
13.2.1.0.0_oracle.system.odhs_2000_0.opar  back  deploy_agent.sh  deploy_oms.sh  undeploy_agent.sh  undeploy_oms.sh
[ofssobp@ofss3131551 OBP]$ ./undeploy_oms.sh
Enter OEM user : sysman
Enter OEM Password  :
Enter OEM DB Password  :
Enter OEM secure port : 7802
Enter OBP plugin version : 13.2.1.0.0
------------------- setup emcli ...
sh /scratch/app/oem13C_rel2/bin/emcli setup -url=https://ofss3131551.in.oracle.com:7802/em -username= -pass=***** -dir=/scratch/ofssobp -licans=yes -trustall
Oracle Enterprise Manager 13c Release 2.
Copyright (c) 1996, 2016 Oracle Corporation and/or its affiliates. All rights reserved.

Emcli setup successful
------------------- undeploy hostsample plugin from OMS ...
Undeployment of plug-in from the management servers is in progress
Use * emcli get_plugin_deployment_status -plugin=oracle.system.odhs * to track plug-in un-deployment status.
------------------- loop until async OMS undeploy completes
Status               : Success
Status = success
[ofssobp@ofss3131551 OBP]$
```

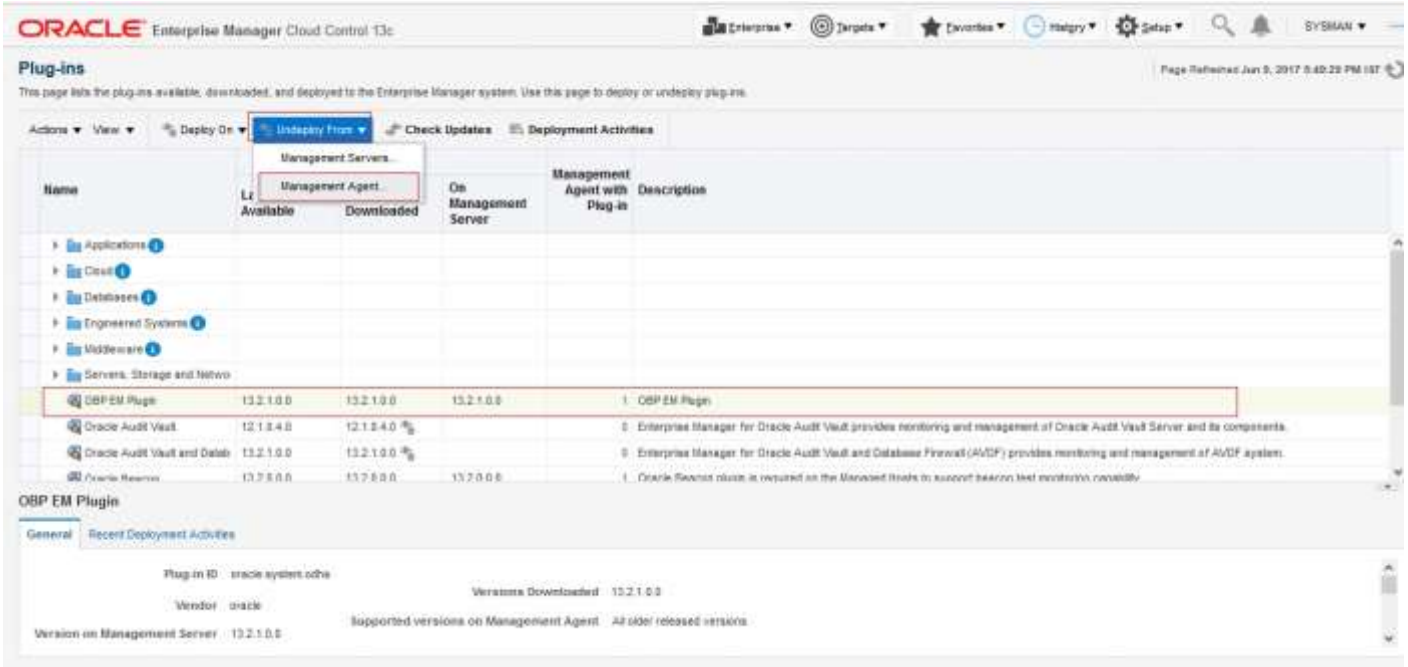
- Undeploy OBP plugin through OEM console.

In case it is unsuccessful, do it manually as follows

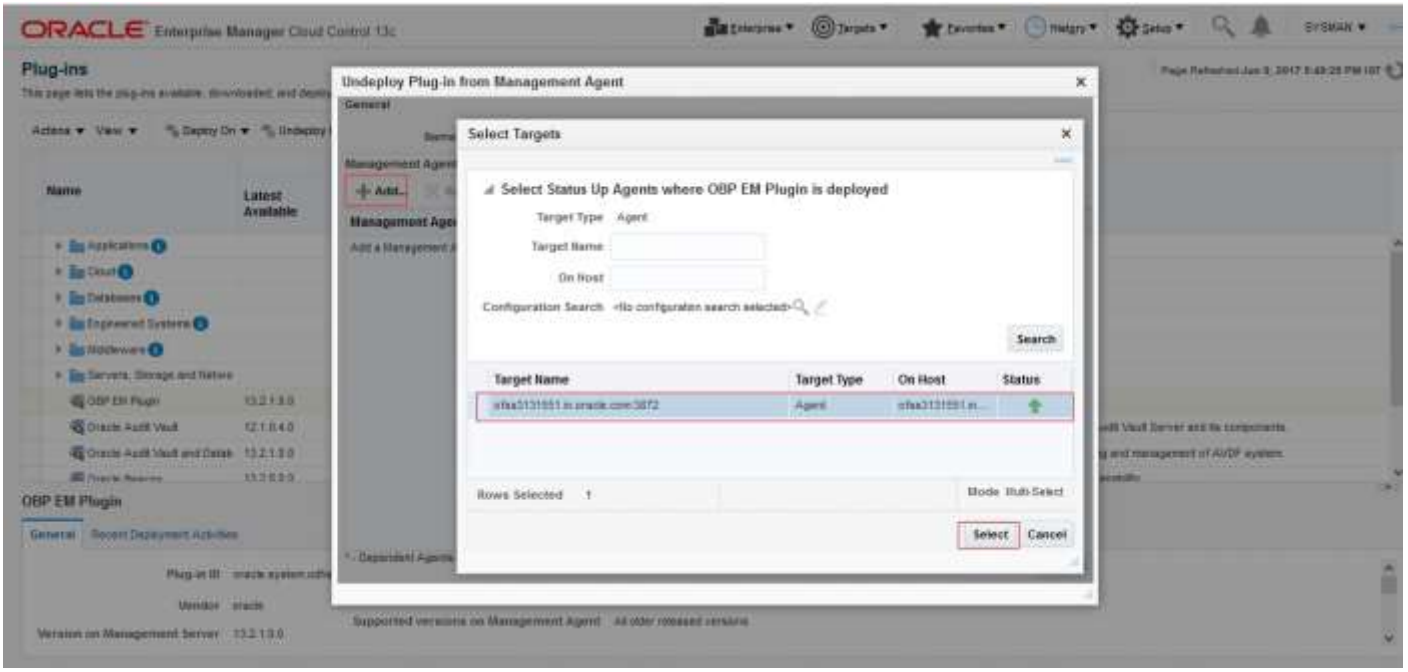
- Undeploy OBP plugin from management agent.
  i. Login in to EM console. Click “Setup” →”Extensibility” →”Plug-ins”



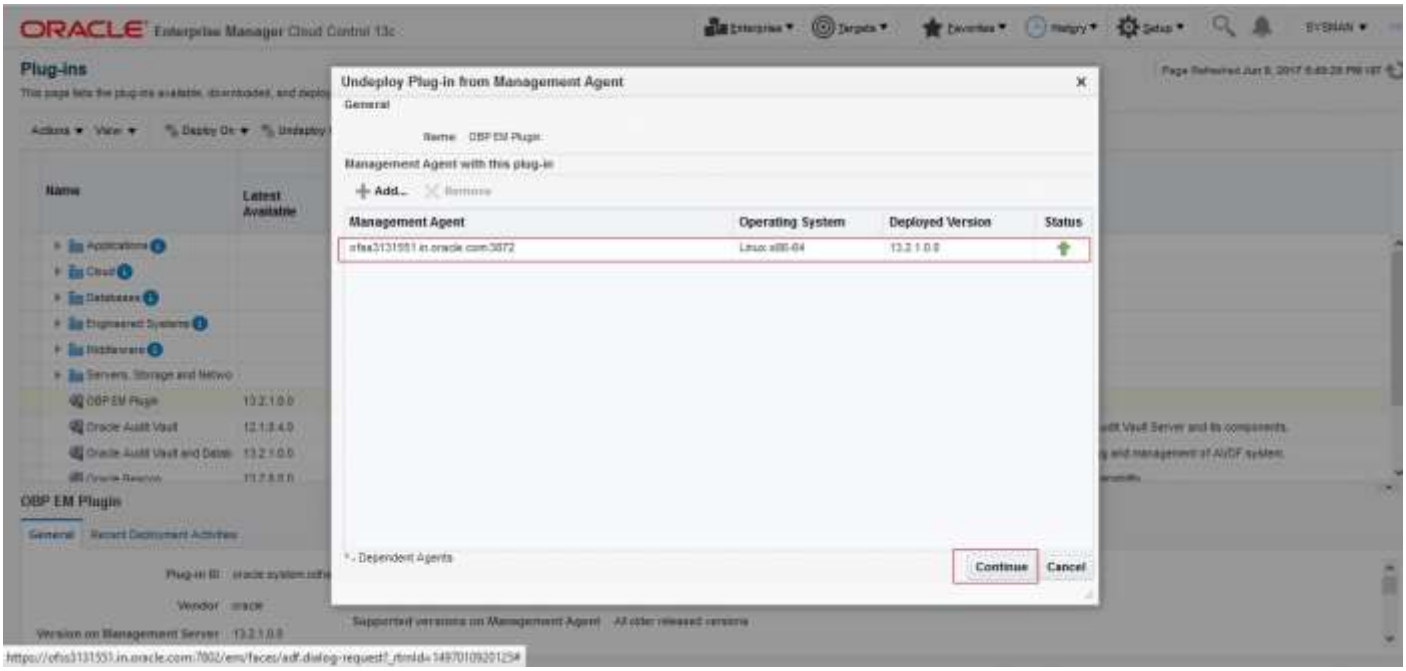
ii. Select “OBP EM Plugin” then click “Undeploy From” → “Management Agent”



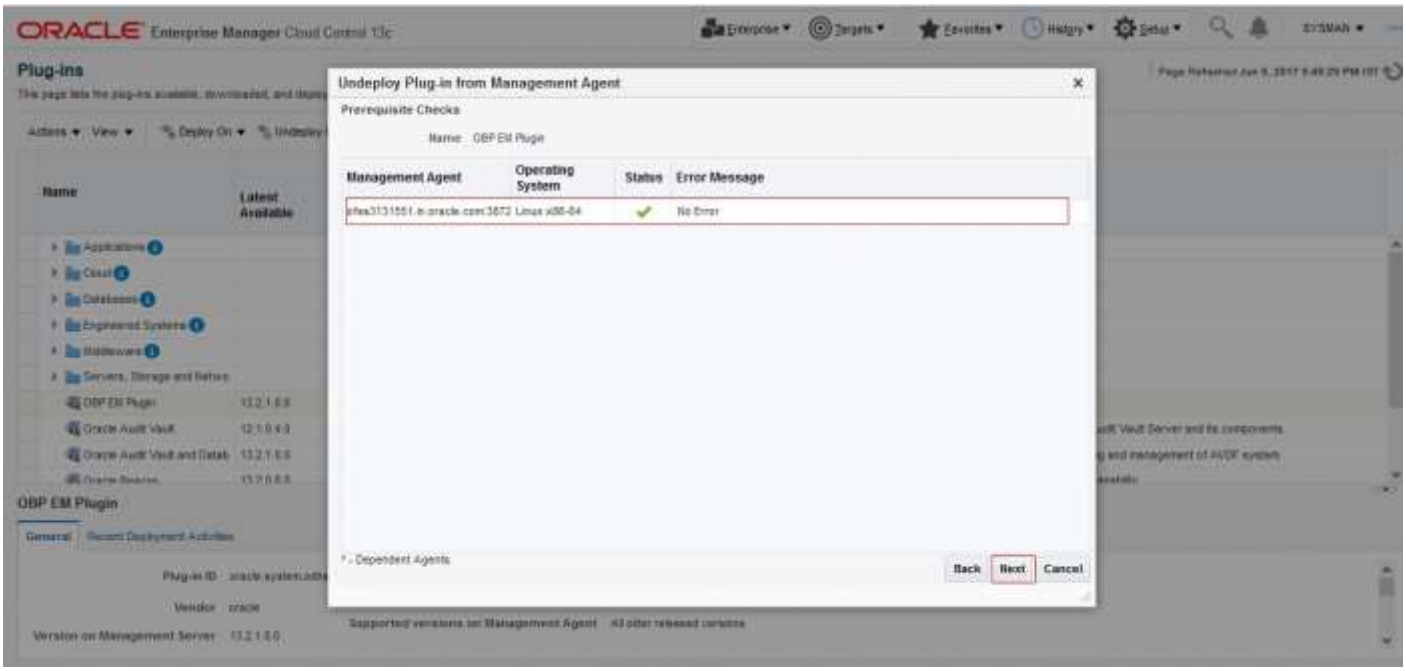
iii. Select Agent to undeploy EM plugin.



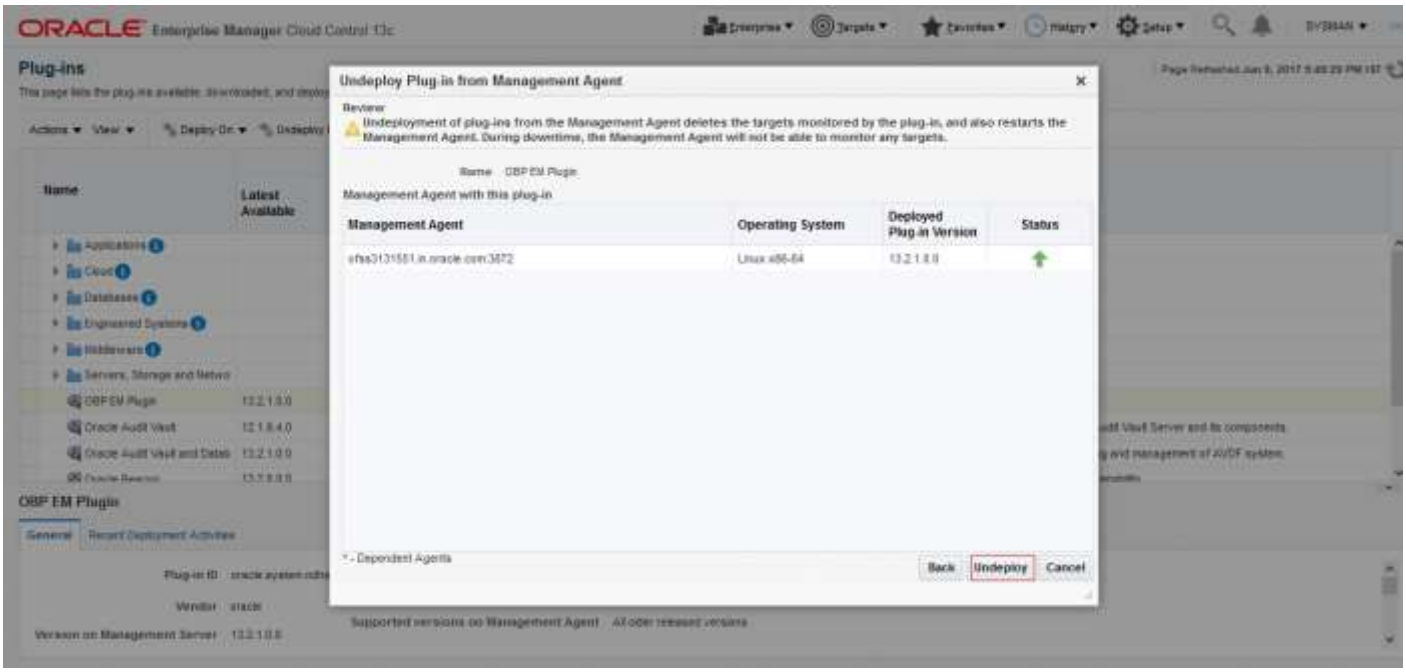
iv. After selecting agent click “Continue” to initiate undeployment process.



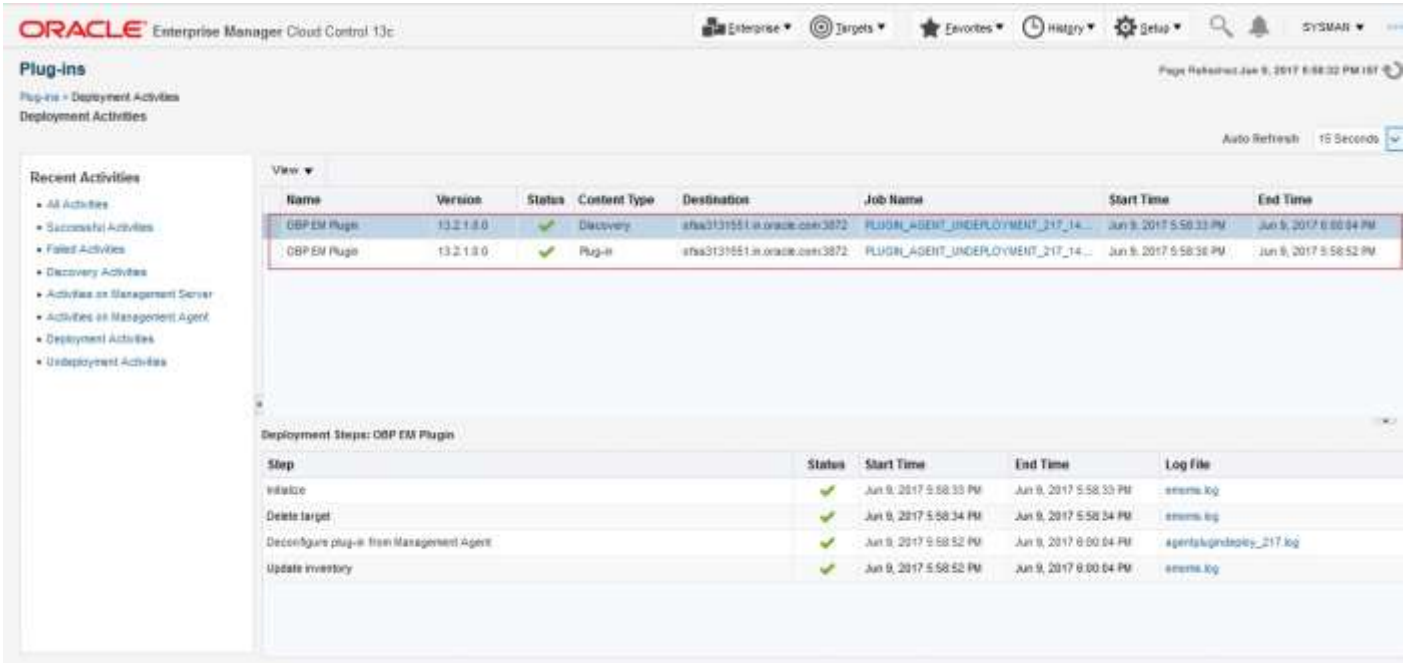
v. Click “Next”.



vi. Click “Undeploy”.

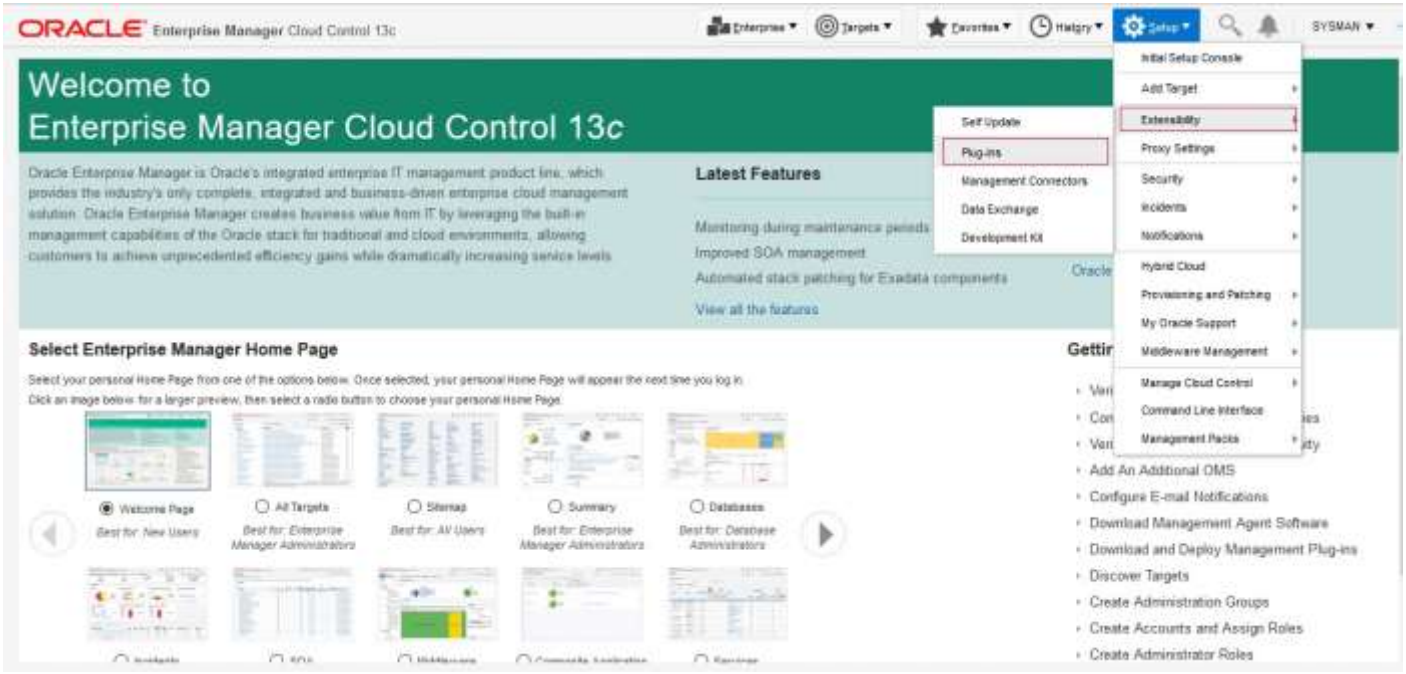


vii. Review the undeployment process.

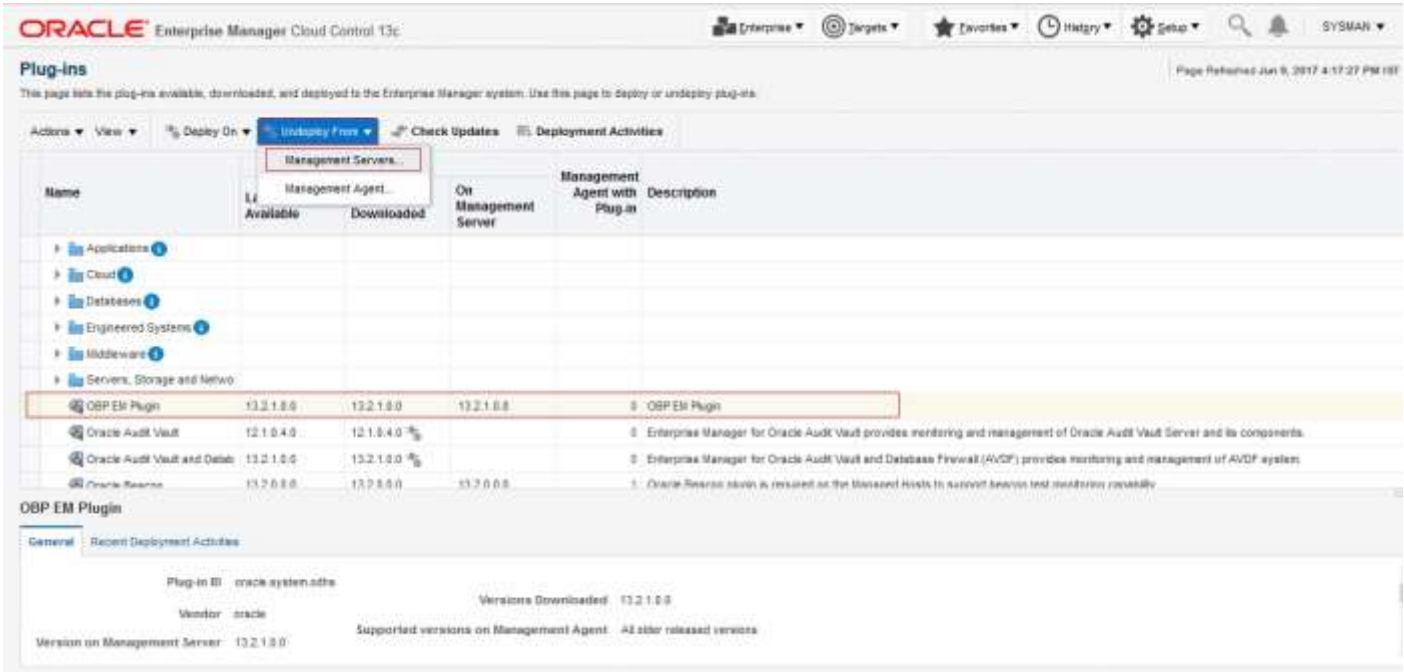


- Undeploy OBP plug in from Management Server.

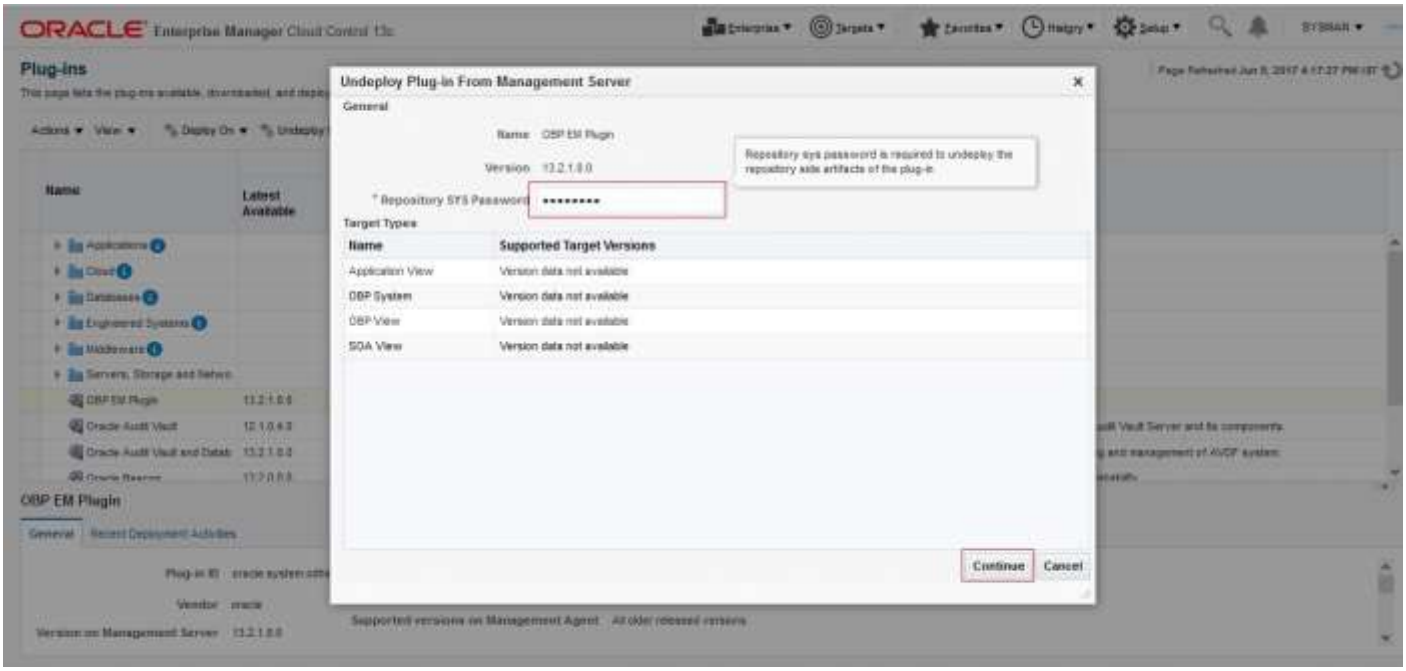
i. Login in to EM console. Click “Setup” →”Extensibility” →”Plug-ins”



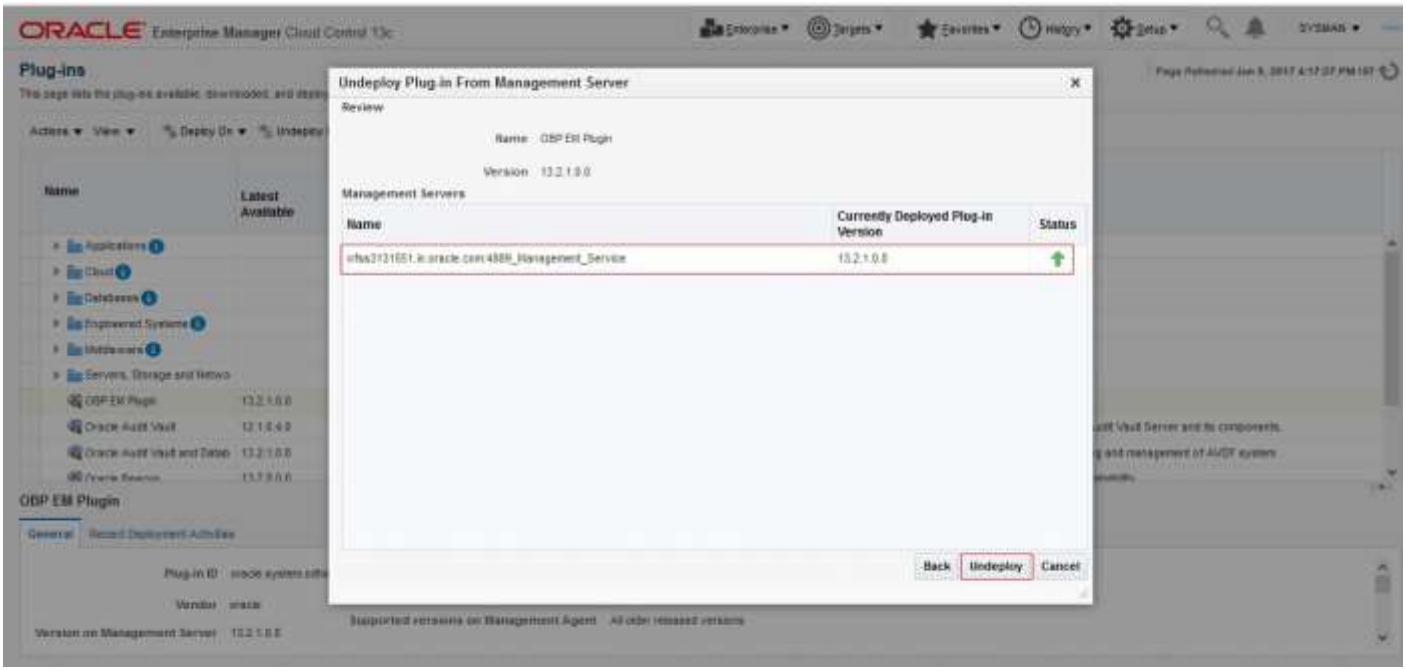
ii. Select “OBP EM Plugin” then click “Undeploy From” → “Management Servers”



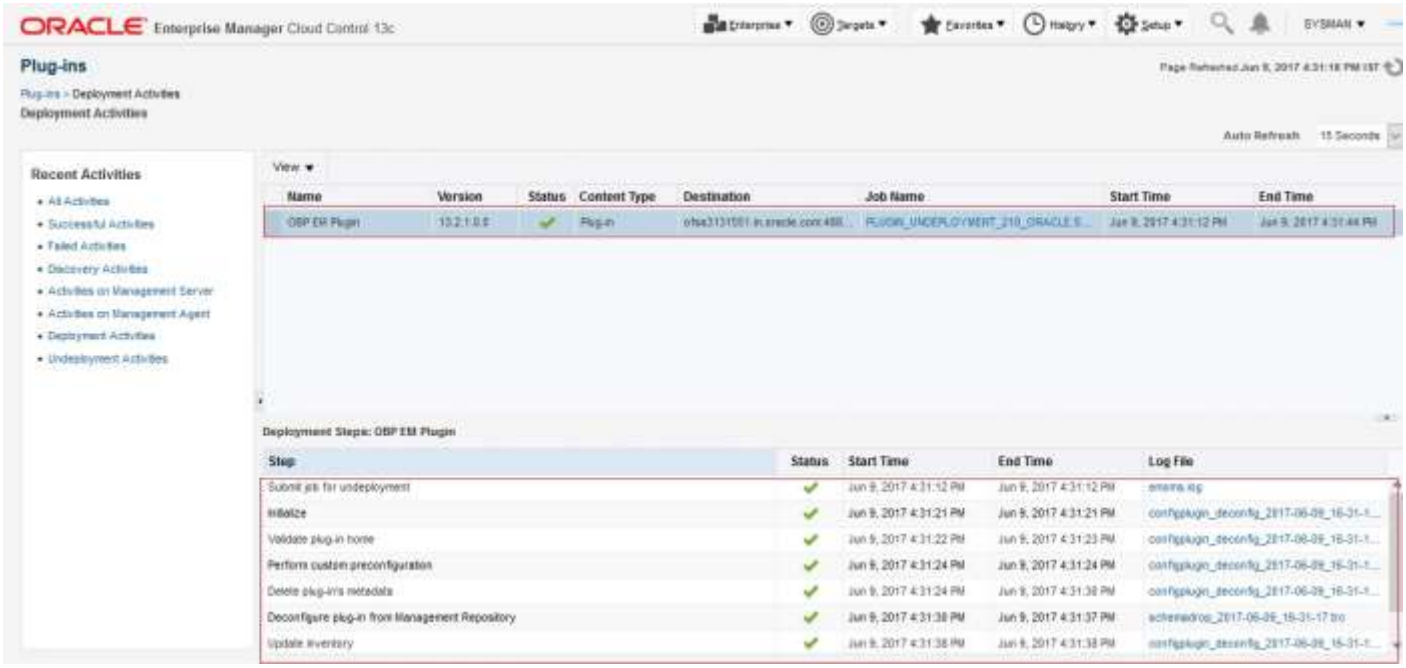
iii. Enter sys password of OEM management repository. Click “Continue”



iv. Review the selected plug-in and click “Undeploy”.



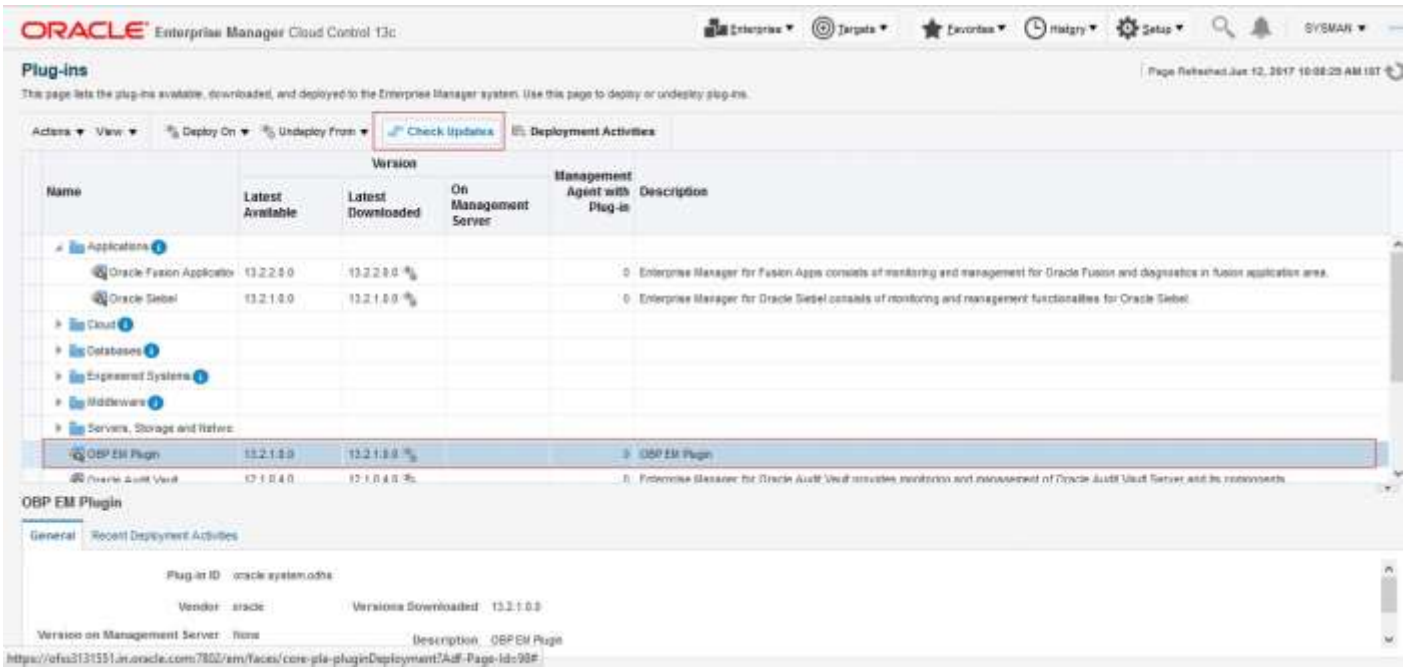
v. Review the undeployment process.



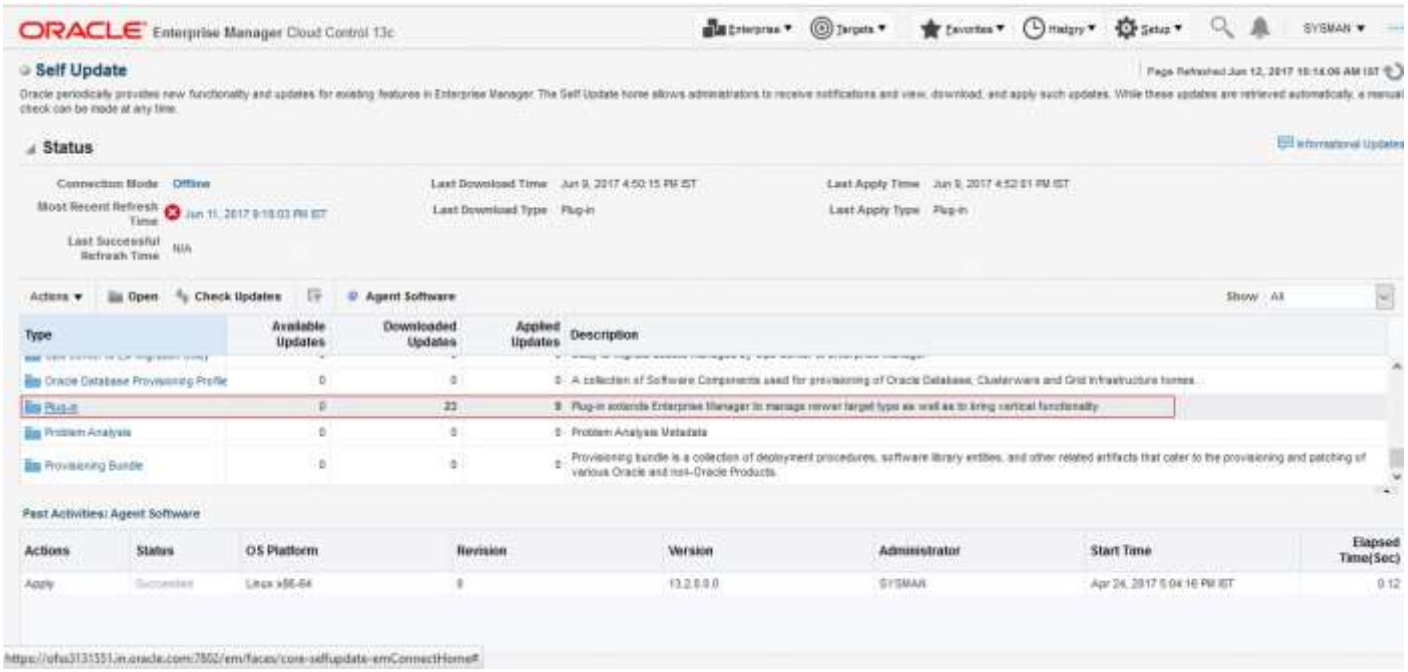
2.4.2 Delete entry from plugin update list

i. Login in to EM console. Click “Setup” → ”Extensibility” → ”Plug-ins”

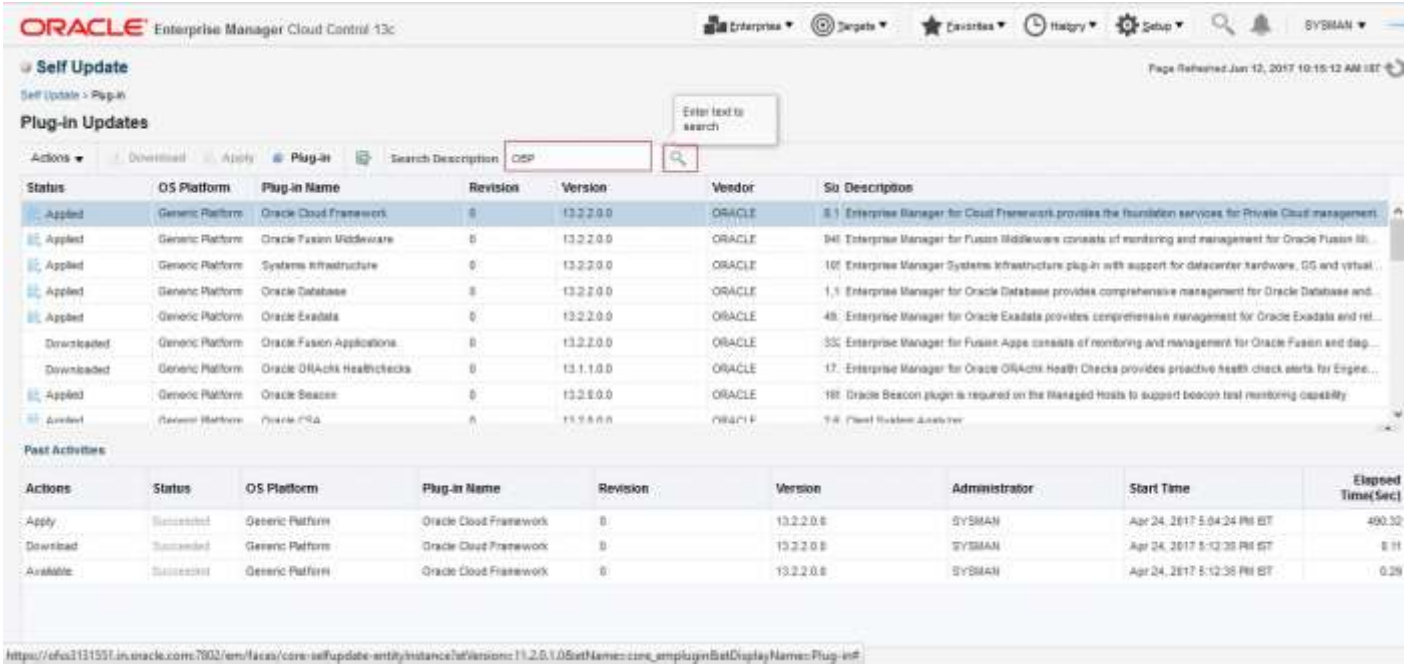
ii. Select OBP plugin and click “Check Updates”



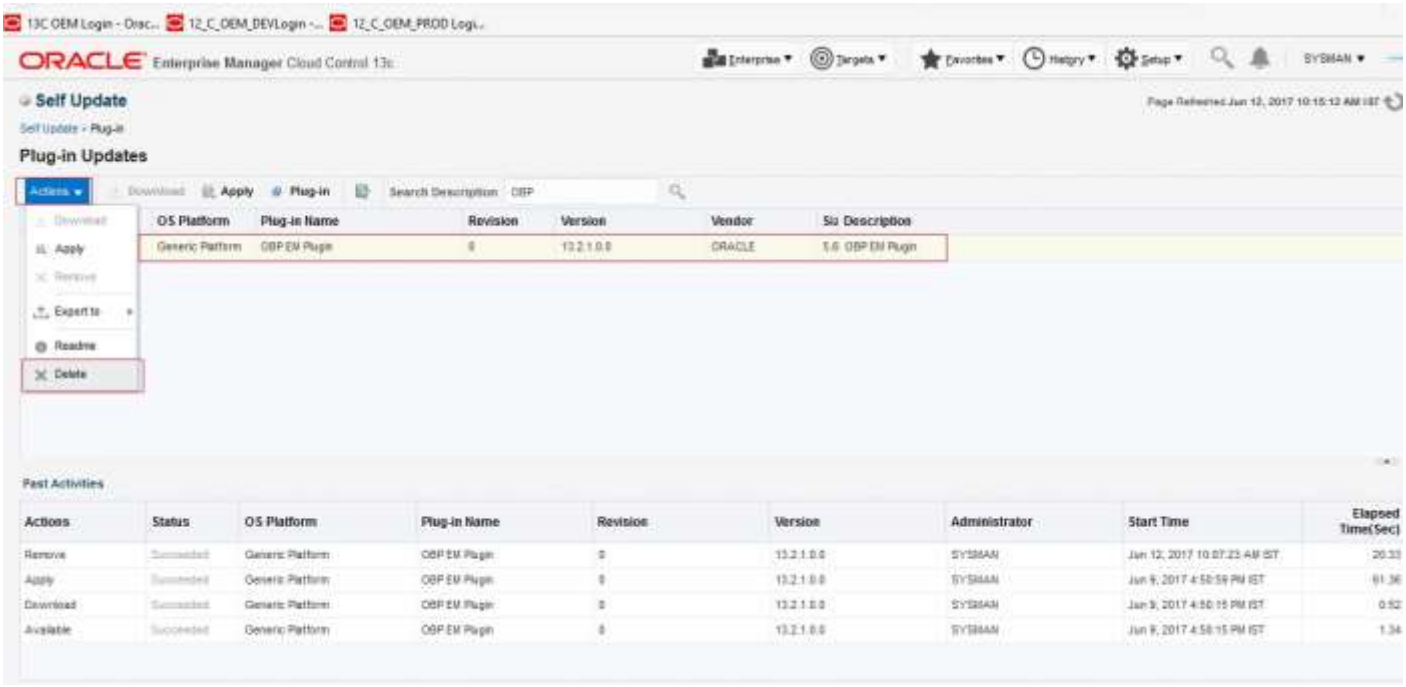
iii. Click “Plug-in”.



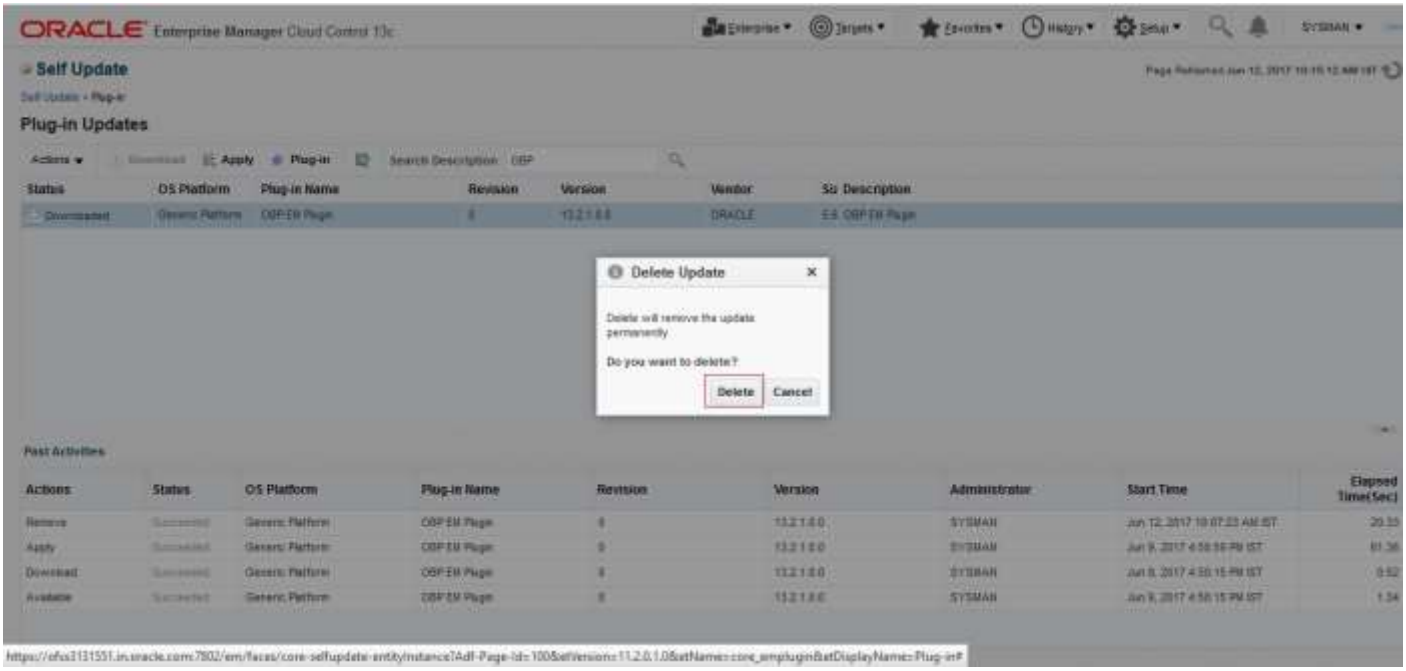
iv. Enter “OBP” and click search icon.



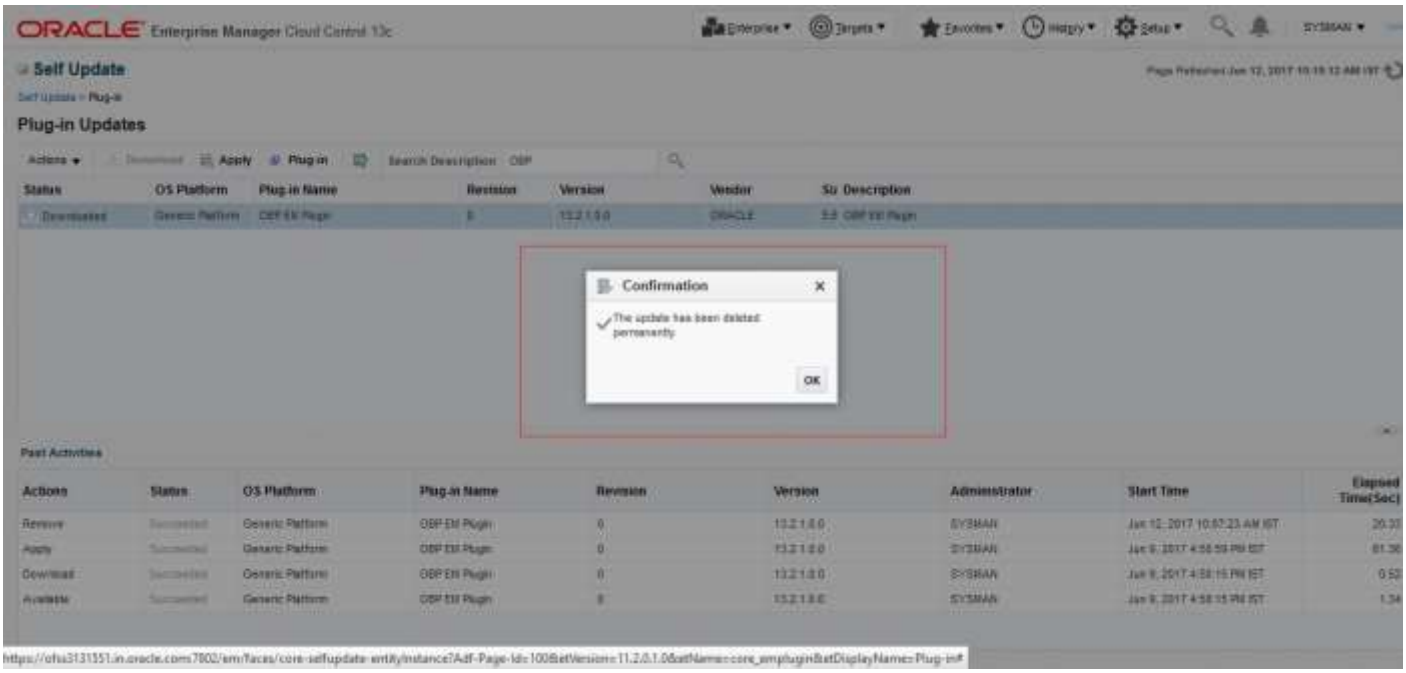
v. Select OBP plugin then click “Action” →”Delete”.

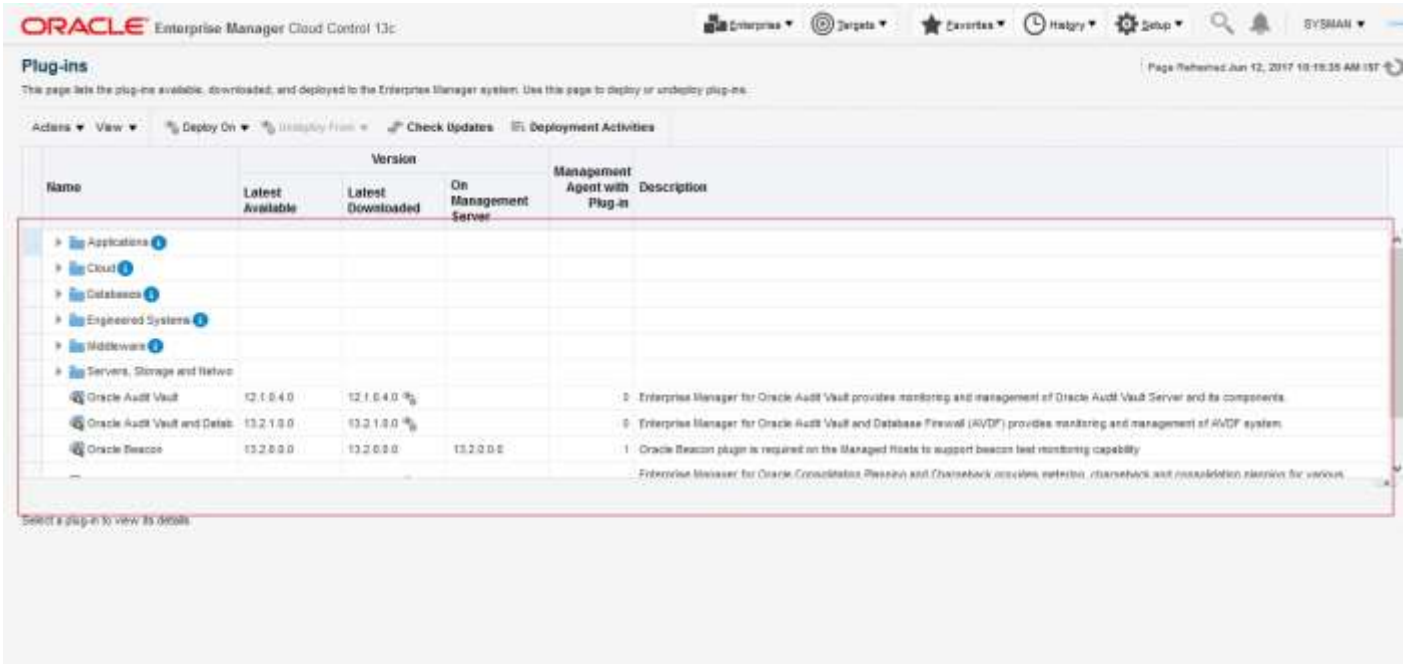


vi. Click “Delete”.



vii. Review the process.





2.5 *Deploy the plugin in the EM Agent.*

i. Log to the EM machine

ii. Verify OEM secure port and agent port value based on OEM environment

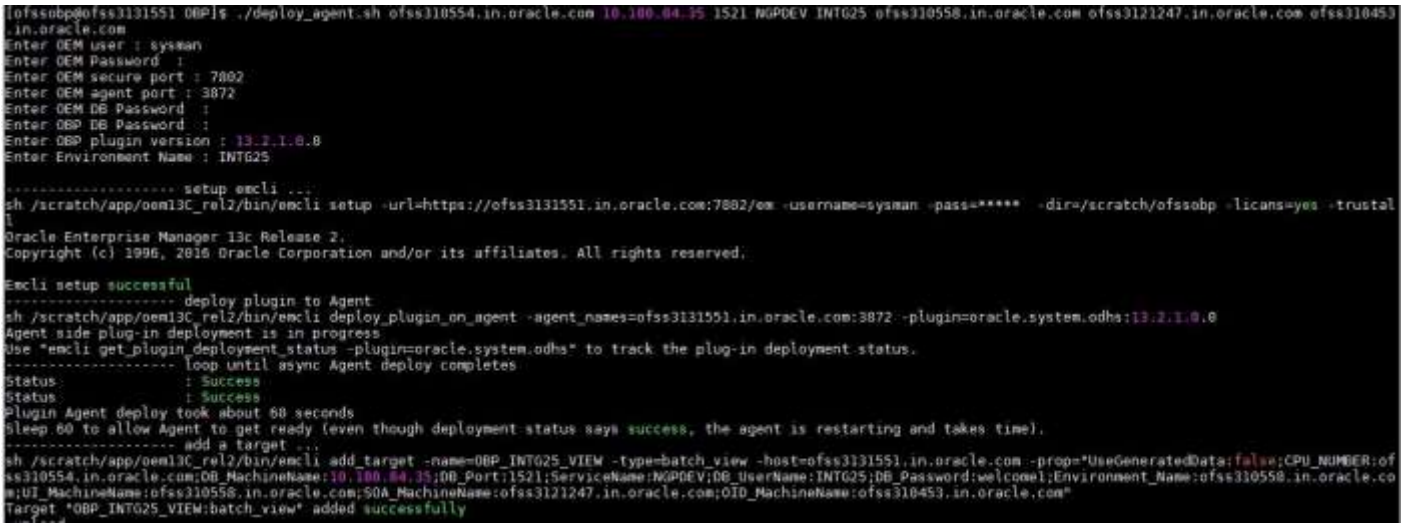
- OEM secure port : is the port where OMS running in Oracle Enterprise Manager Server
- Agent port: is the port where Oracle Enterprise Manager Server agent running on Oracle Enterprise Manager Server host. We can get details after login to Oracle
- Please validate the TMP path defined in deploy_agent.sh script before executing.

iii. Run the deploy_agent.sh script

./deploy_agent.sh OBP_HOST OBP_HOST_DB_HOST OBP_HOST_DB_PORT OBP_HOST_DB_SERVICE OBP_HOST_DB_USER OBP_UI OBP_SOA OBP_OID

e.g. for DEMO →

./deploy_agent.sh ofss310554.in.oracle.com 10.180.84.35 1521 NGPDEV INTG25 ofss310558.in.oracle.com ofss3121247.in.oracle.com ofss310453.in.oracle.com



iv. This script will prompt user to input following password.

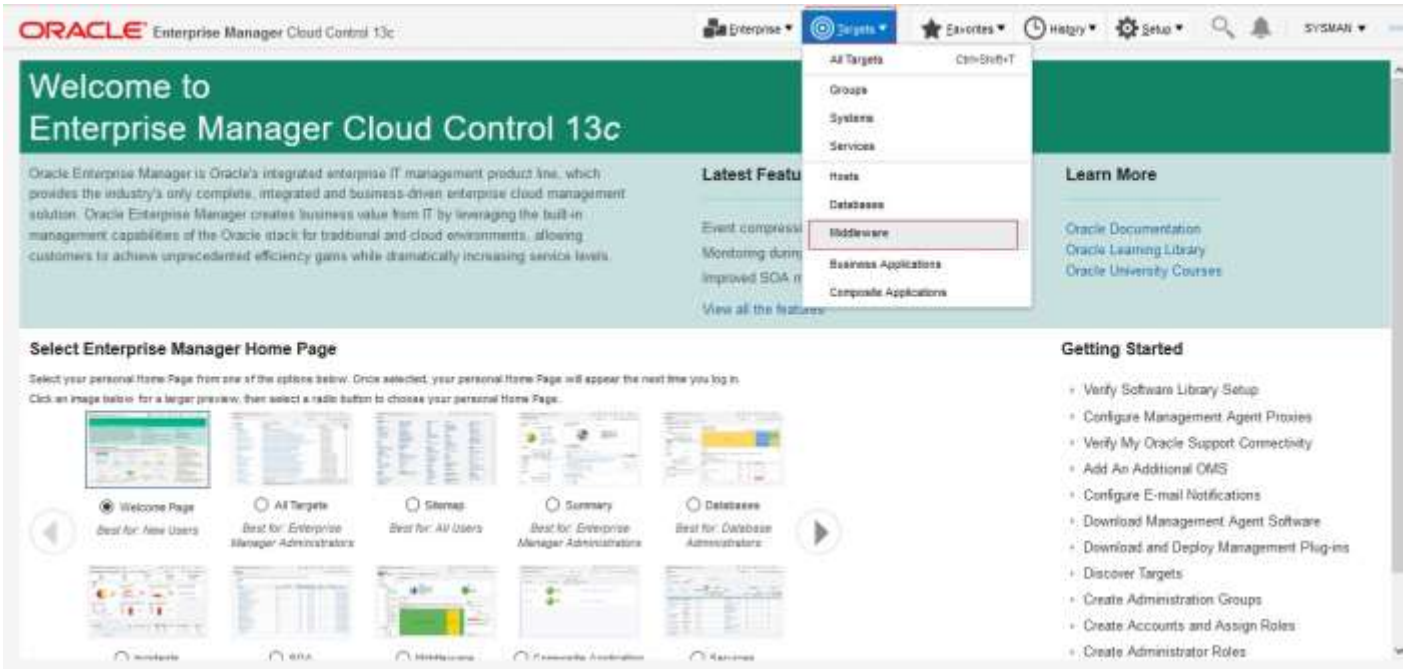
i. OEM login/password
ii. OEM secure port
iii. OEM agent port
iv. OEM management repository sys password
v. OBP DB password(Readonly will work)
vi. OBP plug-in version
vii. OBP environment name

3 Create Services and Aggregate Service.

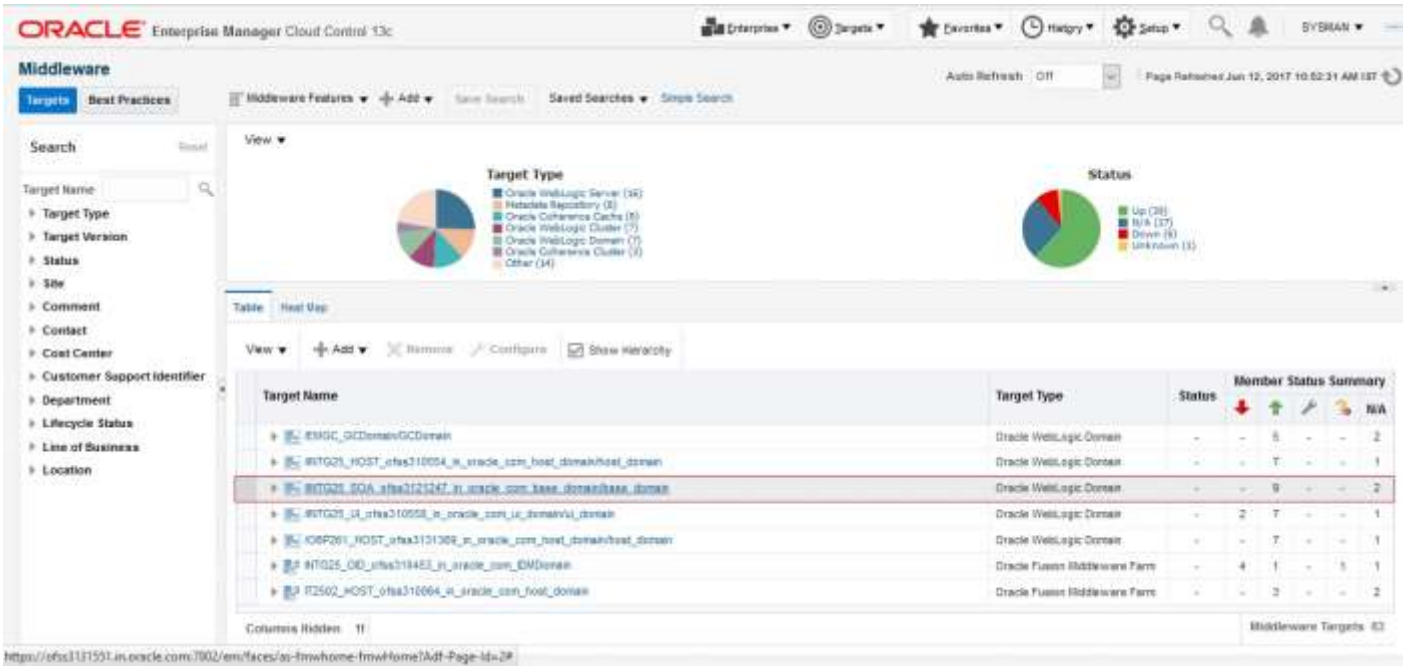
The script is for creation of monitoring view in enterprise manager. Monitoring services of all the servers of an environment (Host, Presentation, SOA, OID etc.) are created, after the successful execution of the script. The monitoring services show the performance metric for the respective servers. For eg: CPU Utilization, JVM Memory-Heap Memory Usage etc. . Host and Presentation services contain OBP specific metric which gives the 'Average Processing Time' of various OBP services. Logs are generated in obp_em_view_script/logs/em_view_log.txt.

3.1 *Verify the SOA keys for SOA service creation.*

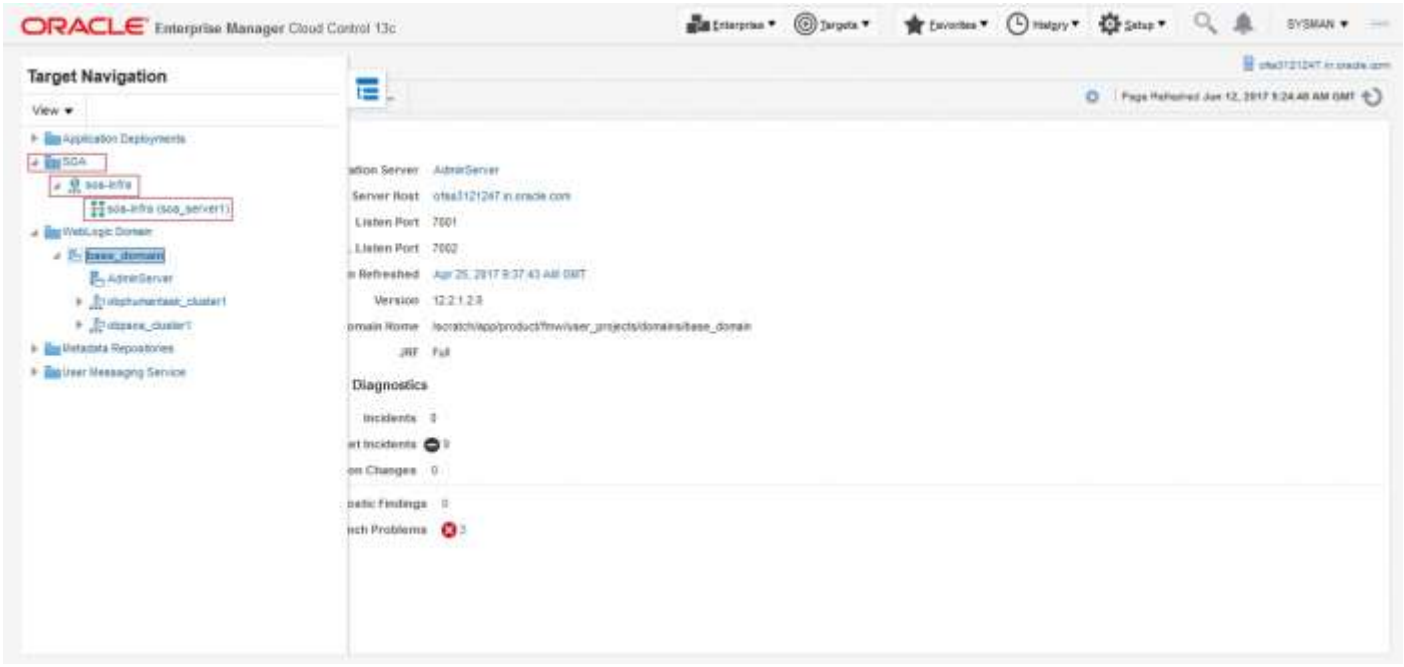
i. Log in to EM console. Click “Targets” →”Middleware”

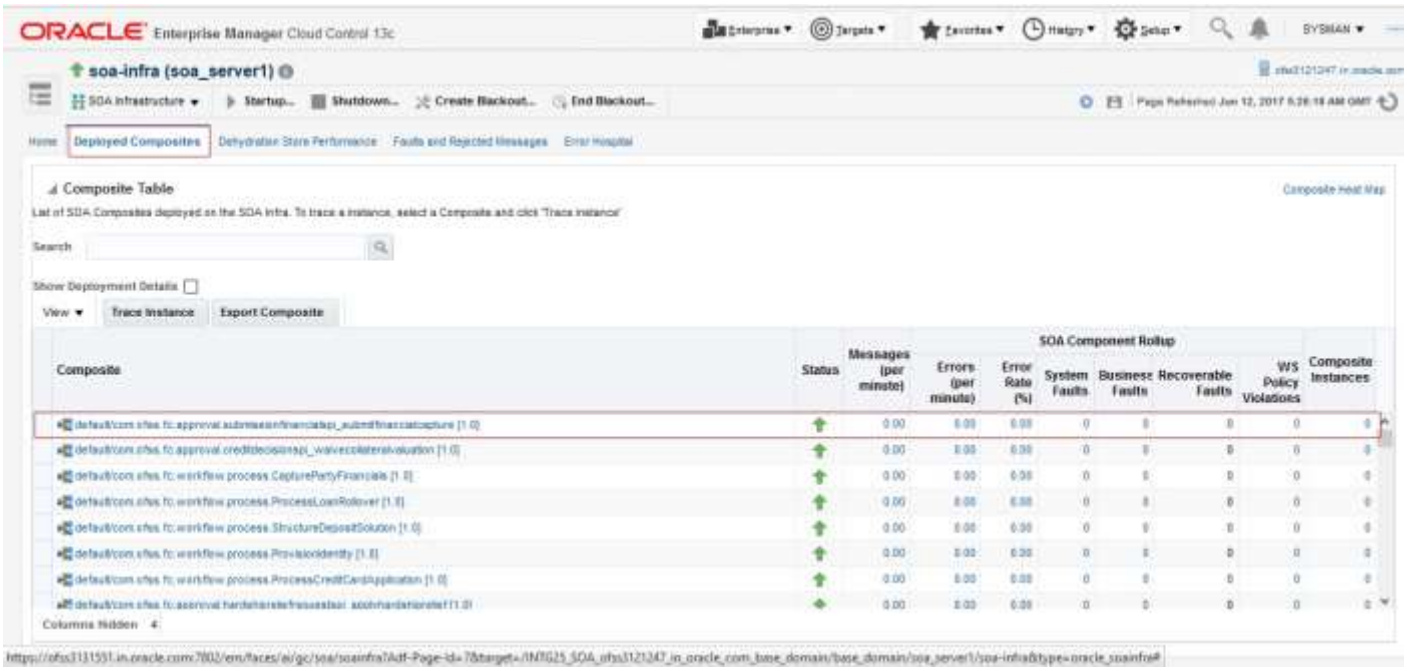


ii. Select one SOA domain.



iii. Drill down to the composites for the SOA middleware as shown in the screenshot.





iv. Go to the wlsoutput_soa.properties file in the keys folder → obp_em_view_script/temp_files/.Add the composite names from the screen to the above file. Also check whether the entries in the file are present in the composite list of the middleware in the EM screen, and if not the remove them. (Adding only a few composites will do, as once the service has been created by the script, the rest of the composited may be added to the service by just selecting them from the screen, as mentioned later in this guide).

3.2 *Execute script to create OBP OEM View.*

i. Login to the EM console

ii. Export the PATH to include OMS bin folder

export PATH=$PATH:"Path to OEM12c"/Oms12C/oms/bin

e.g. for DEMO →

export PATH=$PATH:/scratch/app/product/oem12cr4/oms/bin

iii. Export the EMCLI command path

export EMCLI= $EMCLI:"Path to OEM12c"/Oms12C/oms/bin/emcli

e.g. for DEMO →

export EMCLI=/scratch/app/product/oem12cr4/oms/bin/emcli

iv. Following standard ports are assumed for running the scripts

(in the script file: obp_em_view_script/scripts/create_em_view.sh)

HOST : 8001 (Line 50: ./create_variables_xml.sh $host_ip "8001" "http" "host" $log_level)

UI : 8001 (Line 64: ./create_variables_xml.sh $ui_ip "8001" "http" "ui" $log_level)

SOA : 7001 (Line 79: ./create_variables_xml.sh $soa_ip "7001" "http" "soa" $log_level)

Oid : 7001 (Line 90: ./create_variables_xml.sh $oid_ip "7001" "http" "oid" $log_level)

Documaker: 10001 (Line 103: ./create_variables_xml.sh $documaker_ip "10001" "http" "documaker" $log_level)

IPM: 16000 (Line 127: ./create_variables_xml.sh $IPM_ip "16000" "http" "ipm" $log_level)

BIP: 9704 (Line 140: ./create_variables_xml.sh $BIP_ip "9704" "http" "bip" $log_level)

The above values in the mentioned lines can be changed accordingly to your case.

v. Run the em_view.sh script with the parameters as follows:

./em_view.sh -opt <host_ip> <ui_ip> <soa_ip> <oid_address> <BIP_server_ip> <ATM_port> <documaker_server_name> <IPM_server_ip>

e.g. for DEMO →

./em_view.sh "ofss310538.in.oracle.com" "ofss310531.in.oracle.com" "ofss3131311.in.oracle.com" "ofss310536.in.oracle.com" "ofss3121096.in.oracle.com" "9998" "no" "ofss3131443.in.oracle.com" "9999" "10.184.149.241" "10.180.6.123

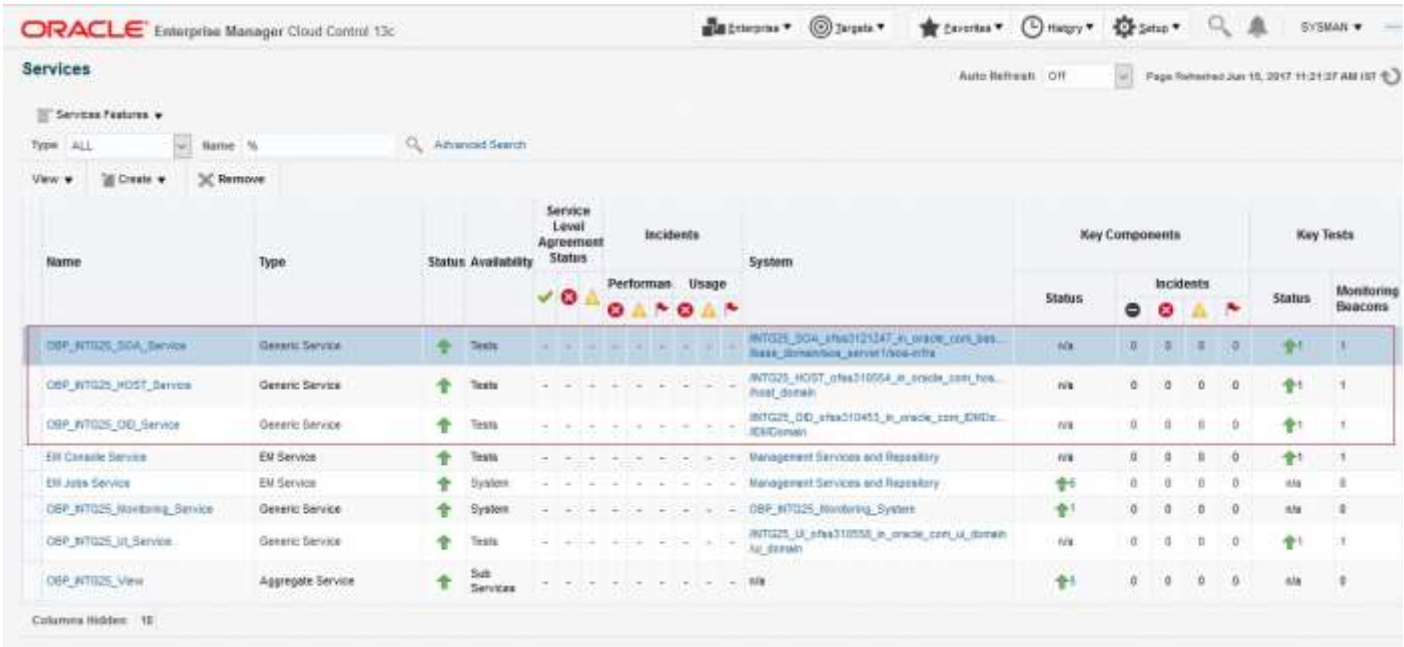
Since bip, atm, documaker and ipm servers need not be present for all the environments, we can just mention "no" for the servers not present in that environment.

e.g. for DEMO →

./em_view.sh -v " ofss310538.in.oracle.com " " ofss310531.in.oracle.com " " ofss3131311.in.oracle.com " " ofss310536.in.oracle.com "no" "no" "no" "no"

It will take approximately 40-45 minutes to run and create the services and an aggregate service with the various servers for that environment.

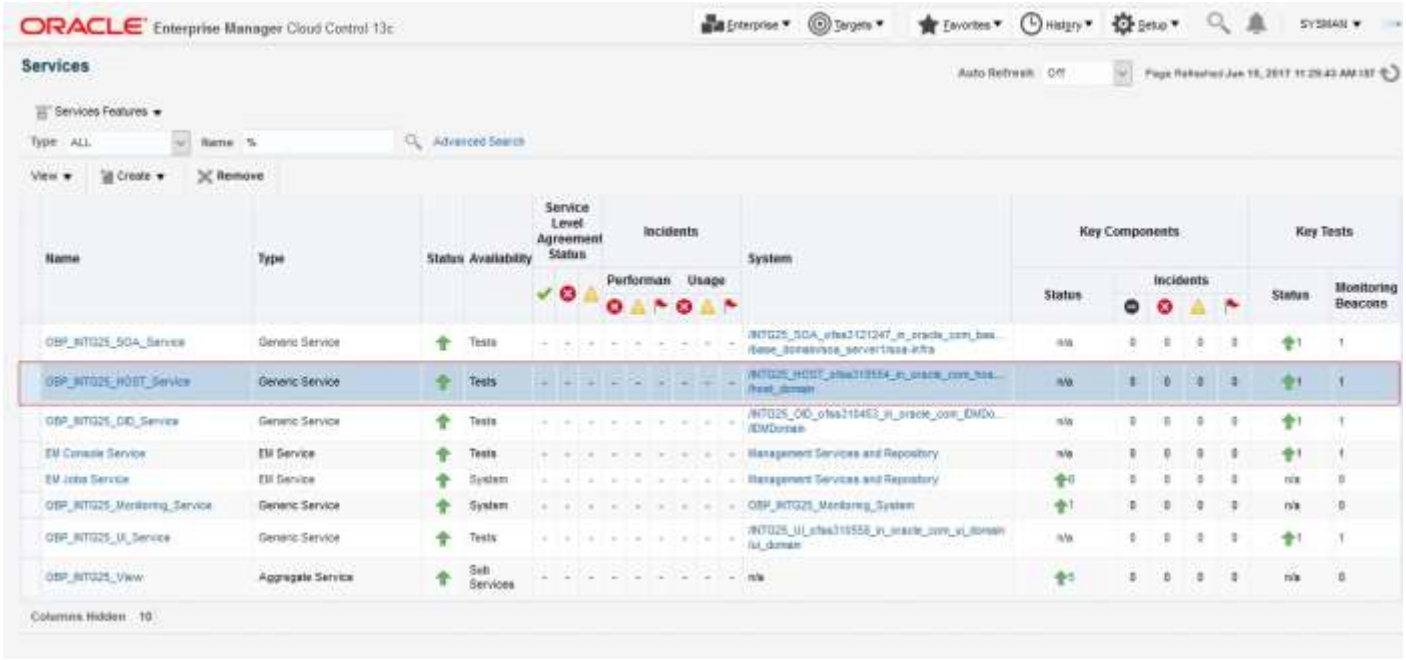
The services after creation should look like this:



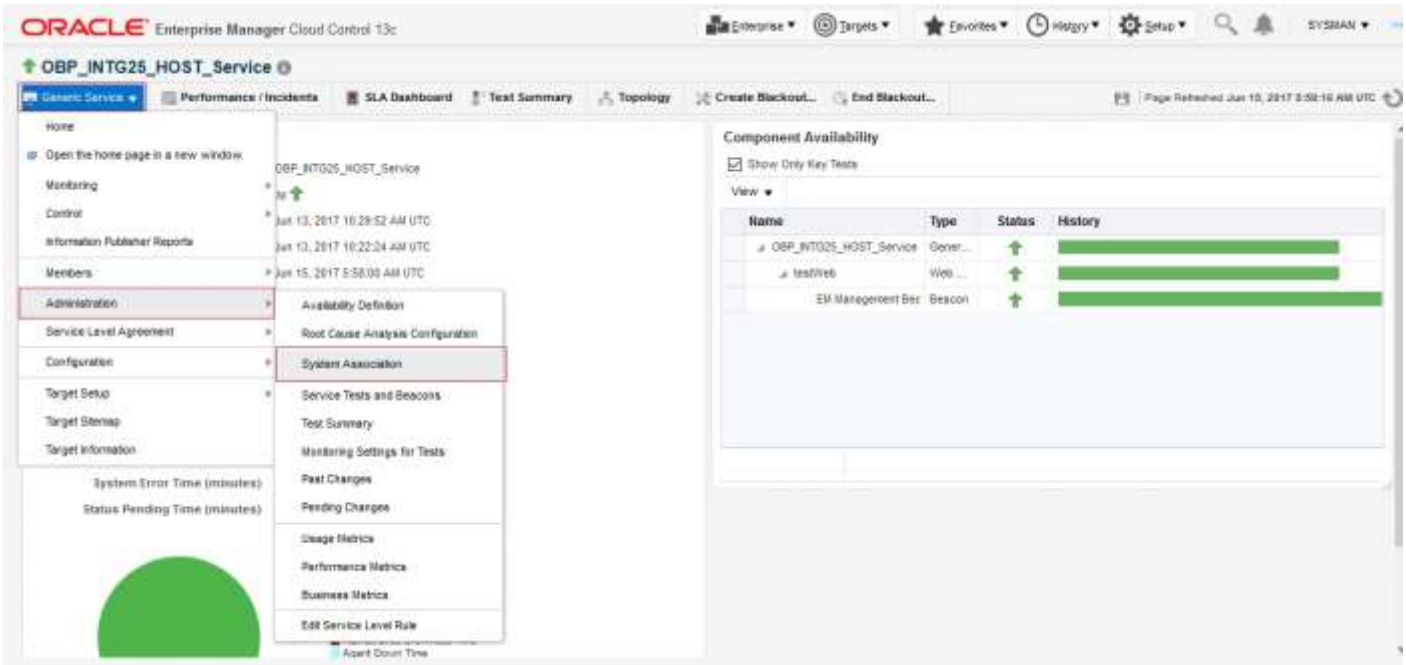
3.3 *Manually configuring the systems to be put in the services*

We can manually change the systems accordingly as to be included or not in a particular service.

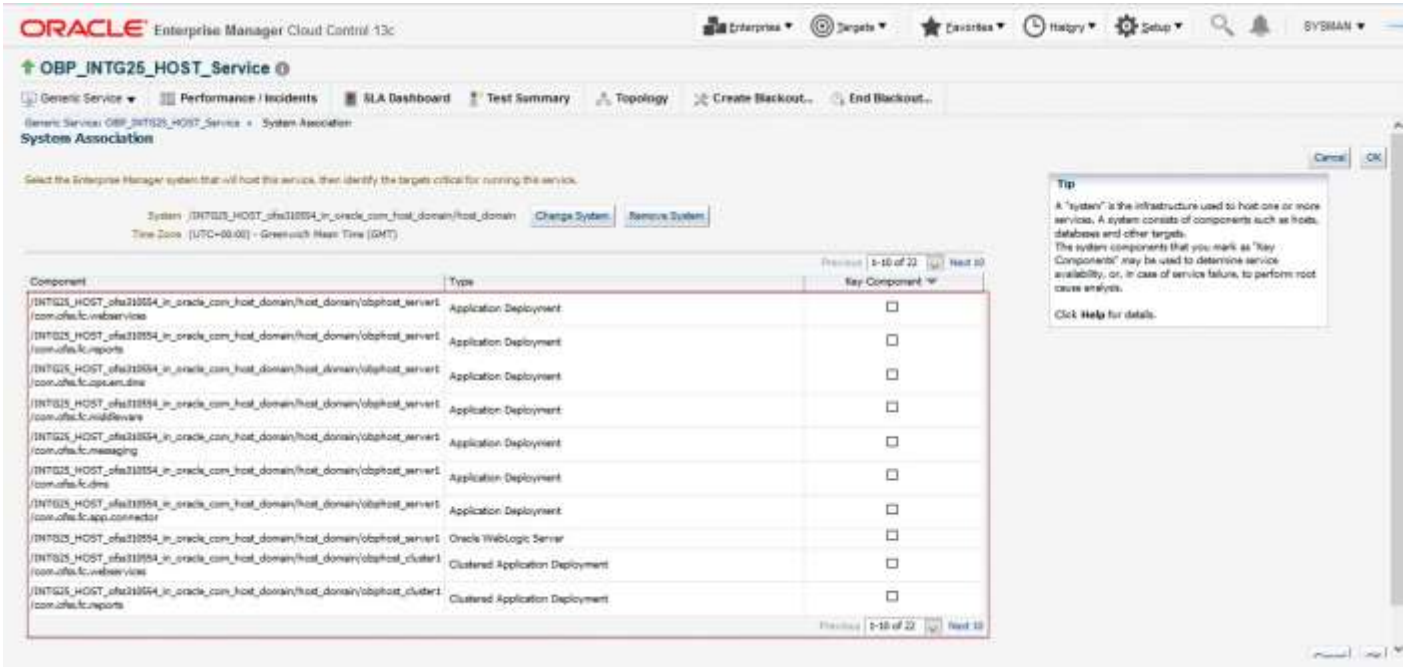
i. Select and click on the service



ii. Go to the “Generic Service” → “Administration” → “System Association”



iii. Check or uncheck the systems for inclusion or exclusion in the service. Click on OK and click YES on confirmation. Similar step is to be followed for configuring the systems for SOA, UI and OID servers.



4 Deploy Standalone web service war on OEM Weblogic domain

4.1 *Deploy of deploying standalone web service to fetch DMS metrics from server*

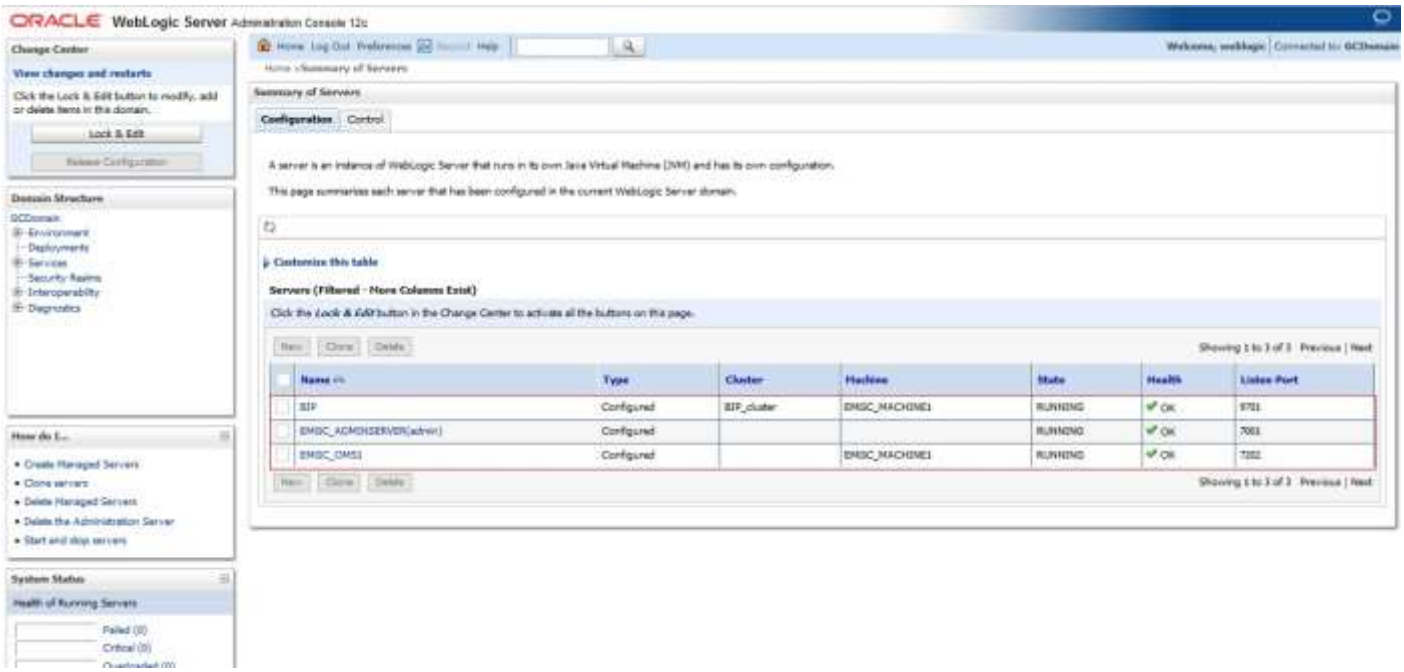
i. One user like “oemuser” to be provisioned in OID for OBP Host and UI.If we don’t manage Weblogic user through OID then we need to create user named “oemuser” in Weblogic server locally for OBP host and UI.

ii. Login in admin console of EM machine

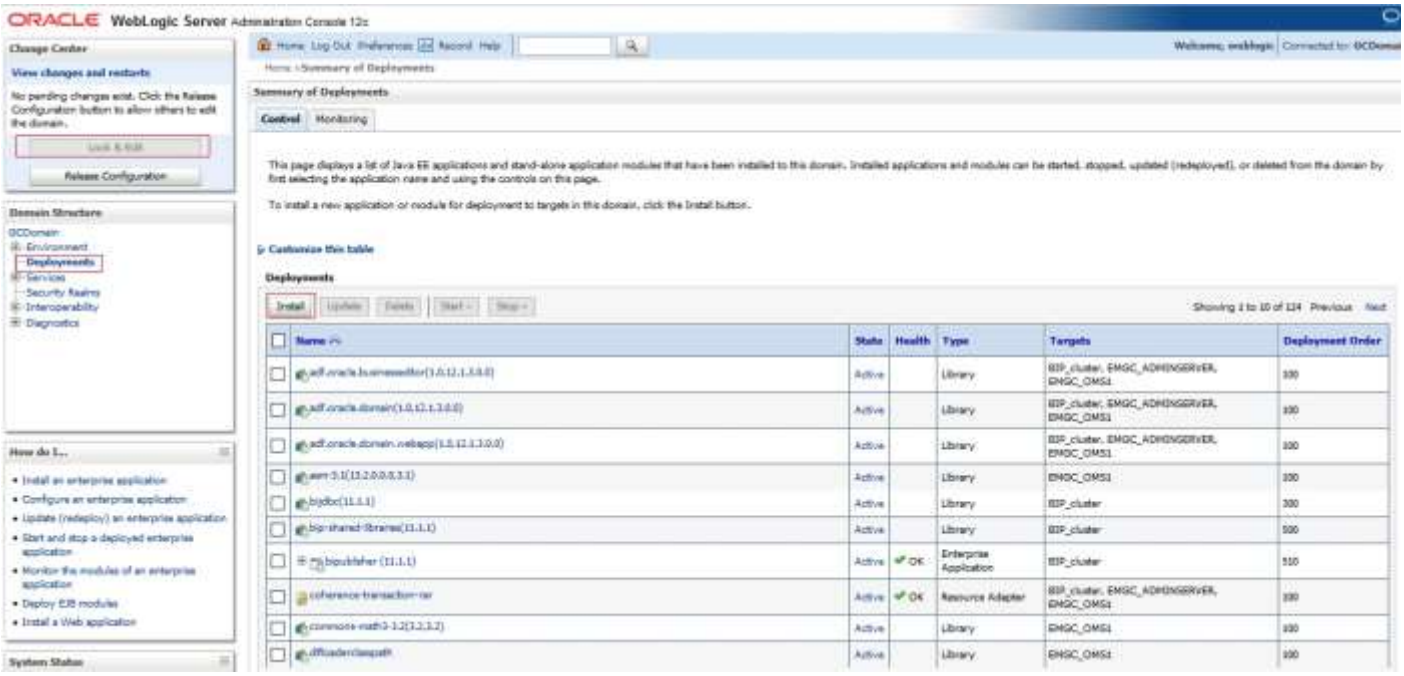
iii. Currently on OEM13C we have following servers

- EMGC_ADMINSERVER(Weblogic Admin Server)
- EMGC_OMS1(Weblogic Managed Server)
- BIP(Weblogic Managed Server)

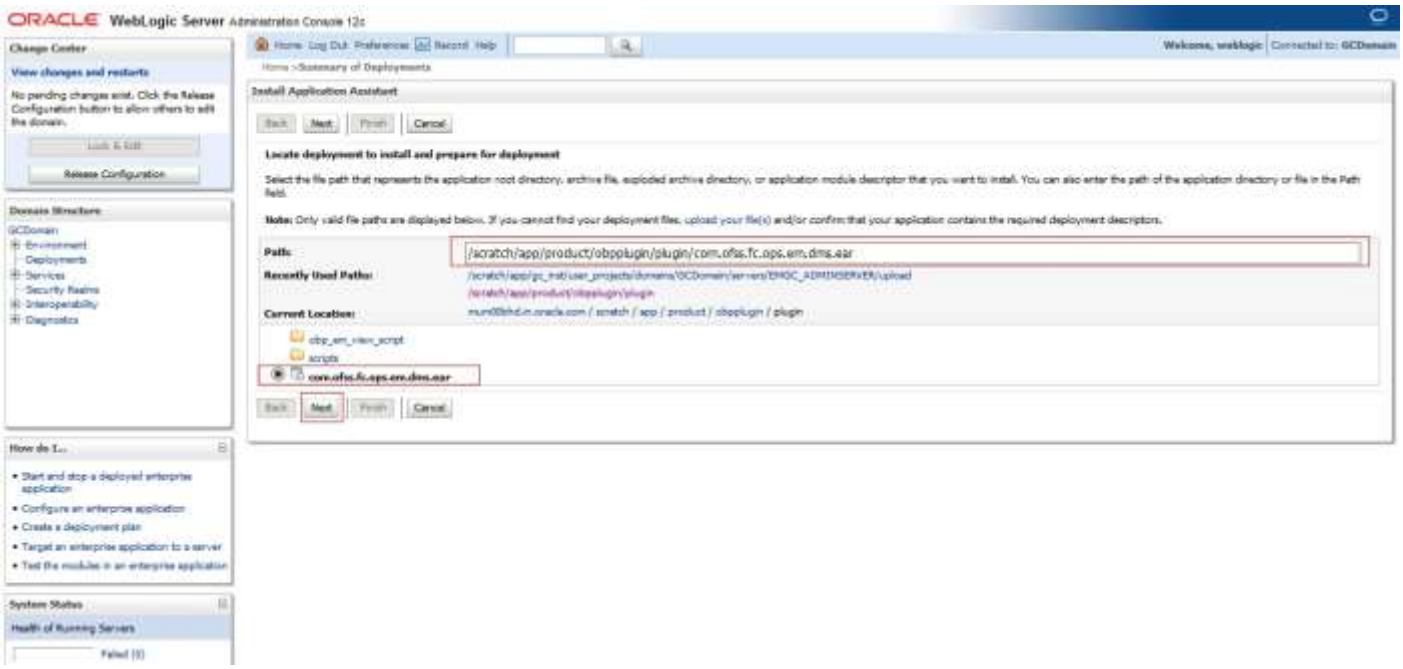
We can deploy “com.ofss.fc.ops.em.dms.ear” on EMGC_OMS1,BIP managed server. Before deploying “com.ofss.fc.ops.em.dms.ear” on managed server please open http port as OBP plugin unable to communicate to the web services deployed on secure port in current release.



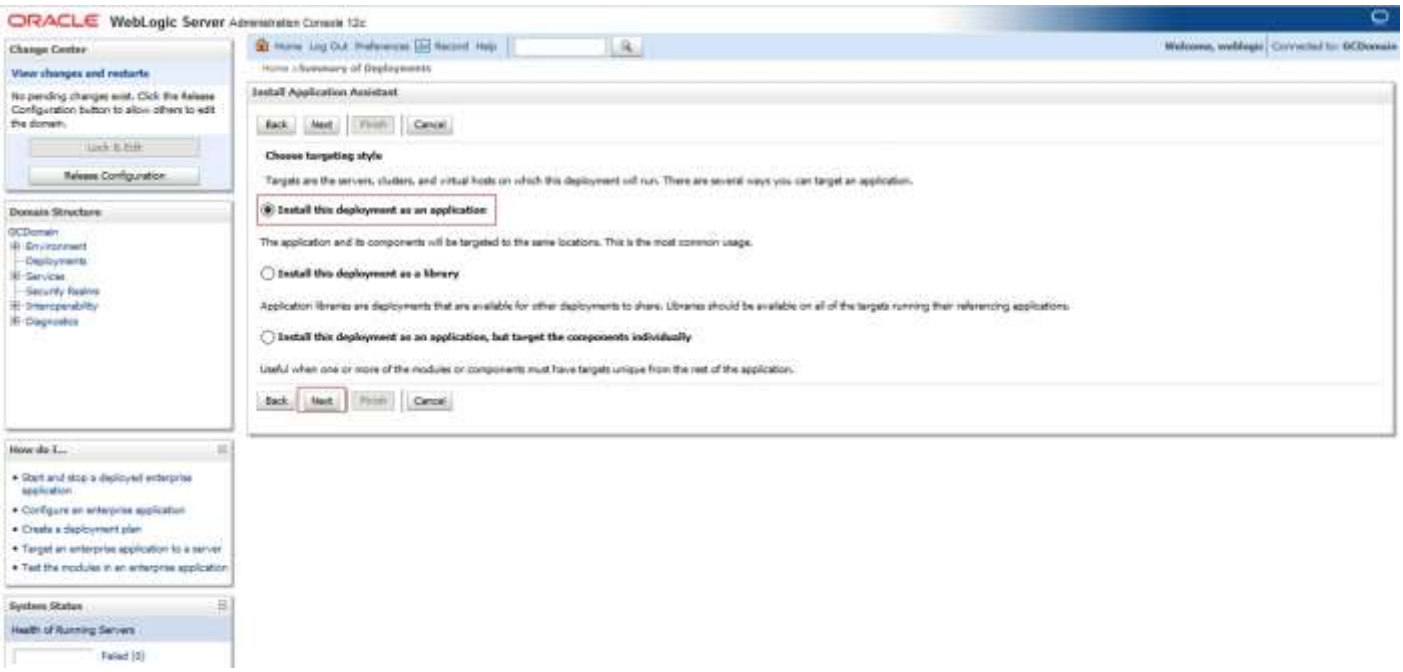
iv. Click on “Deployments” and then click “Install”.



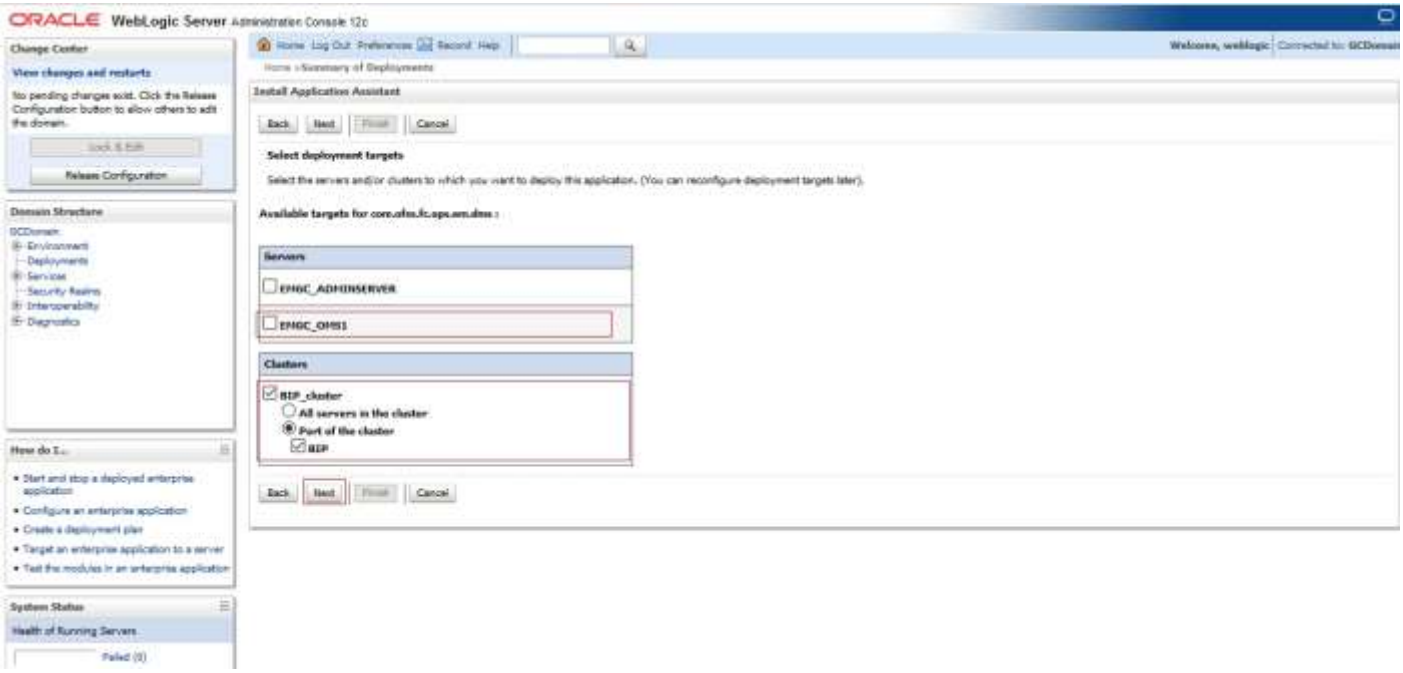
v. Click on install button. Select com.ofss.fc.ops.em.dms.ear located in PLUGIN_HOME (/scratch/app/product/obpplugin) and click “Next” button.



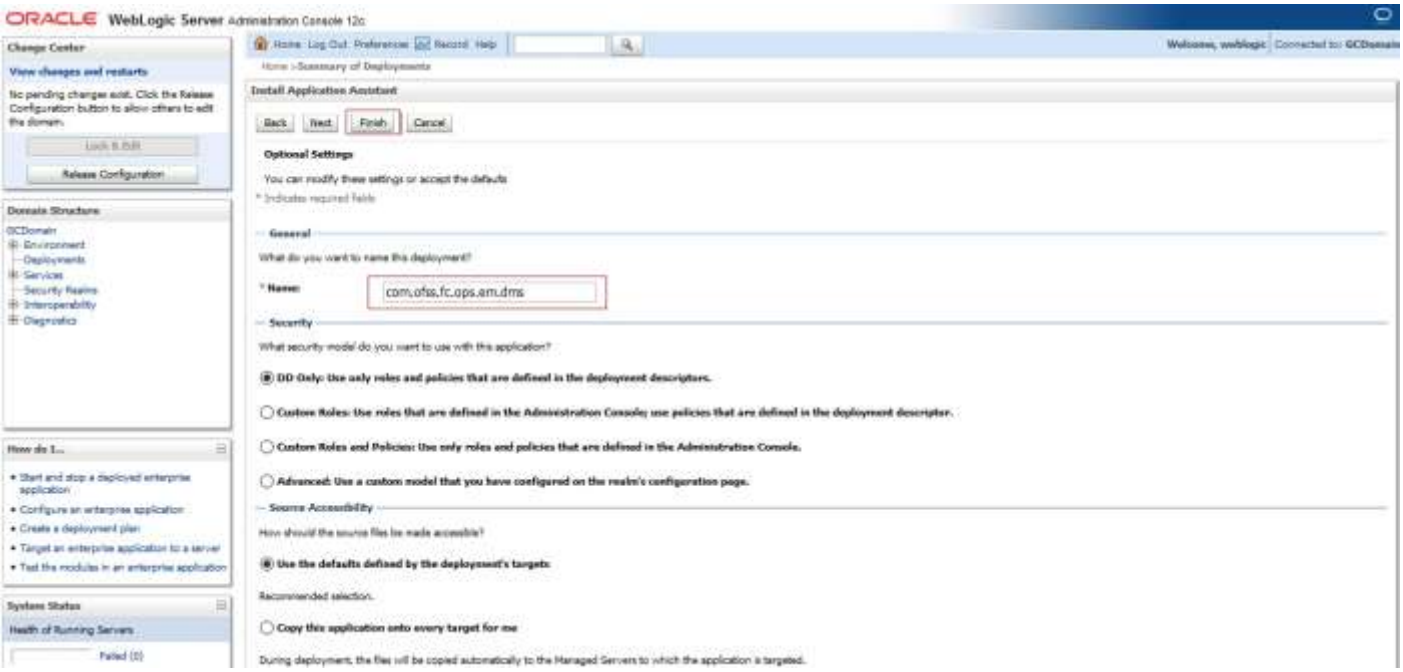
vi. Select option “Install this deployment as an application” and click on “Next” button.



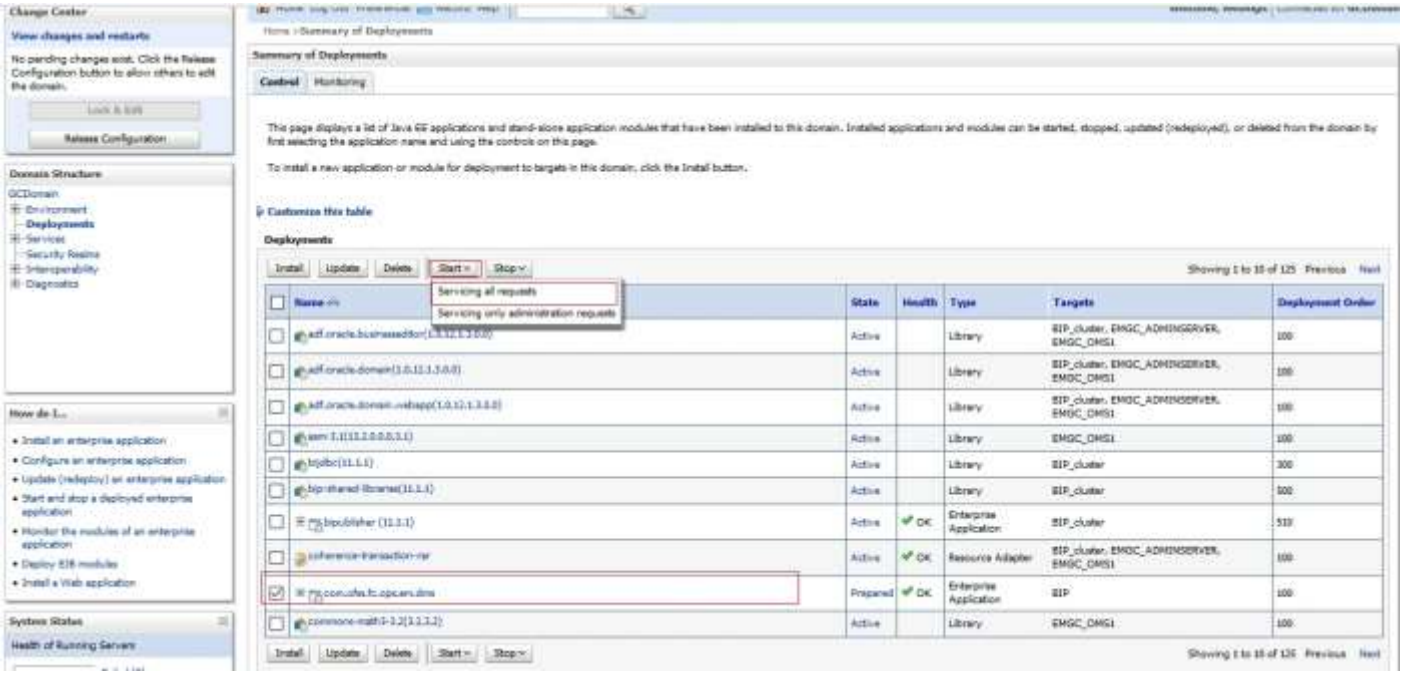
vii. Select EMGC_OMS1 or BIP server as target and click on “Next” button.



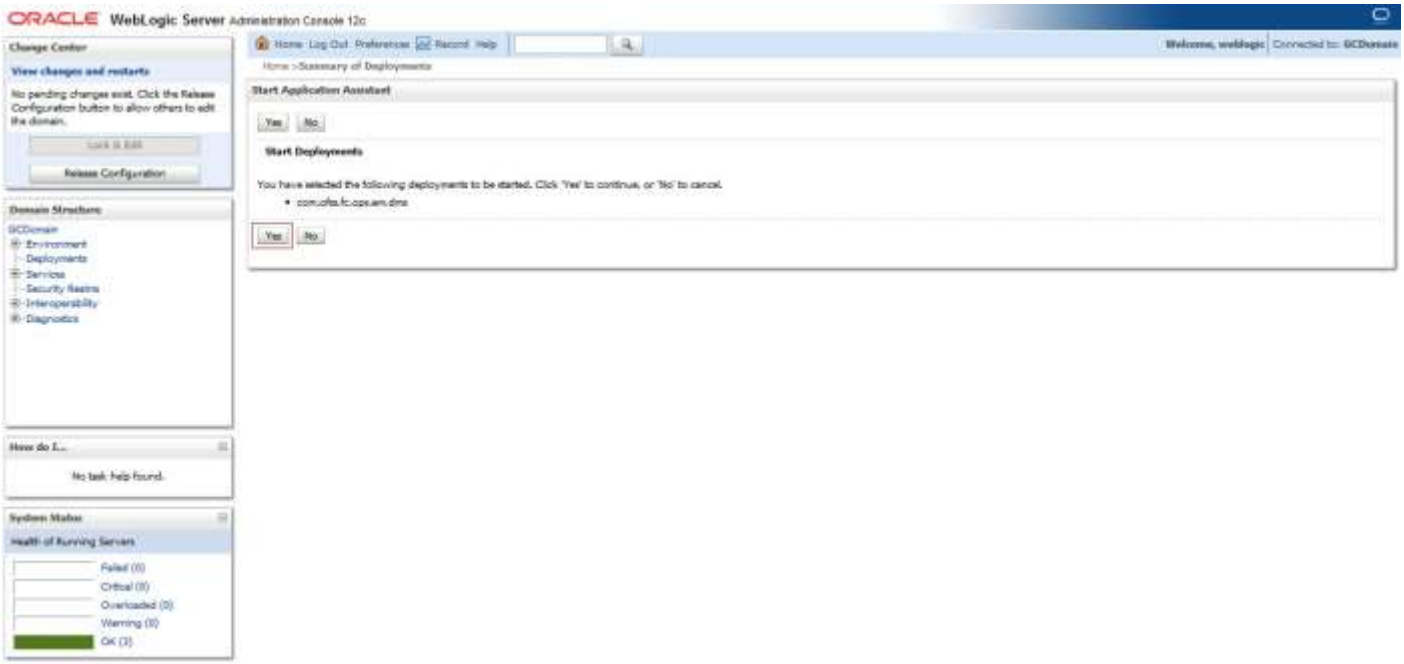
viii. Enter name as “com.ofss.fc.ops.em.dms” and click on “Finish” button.



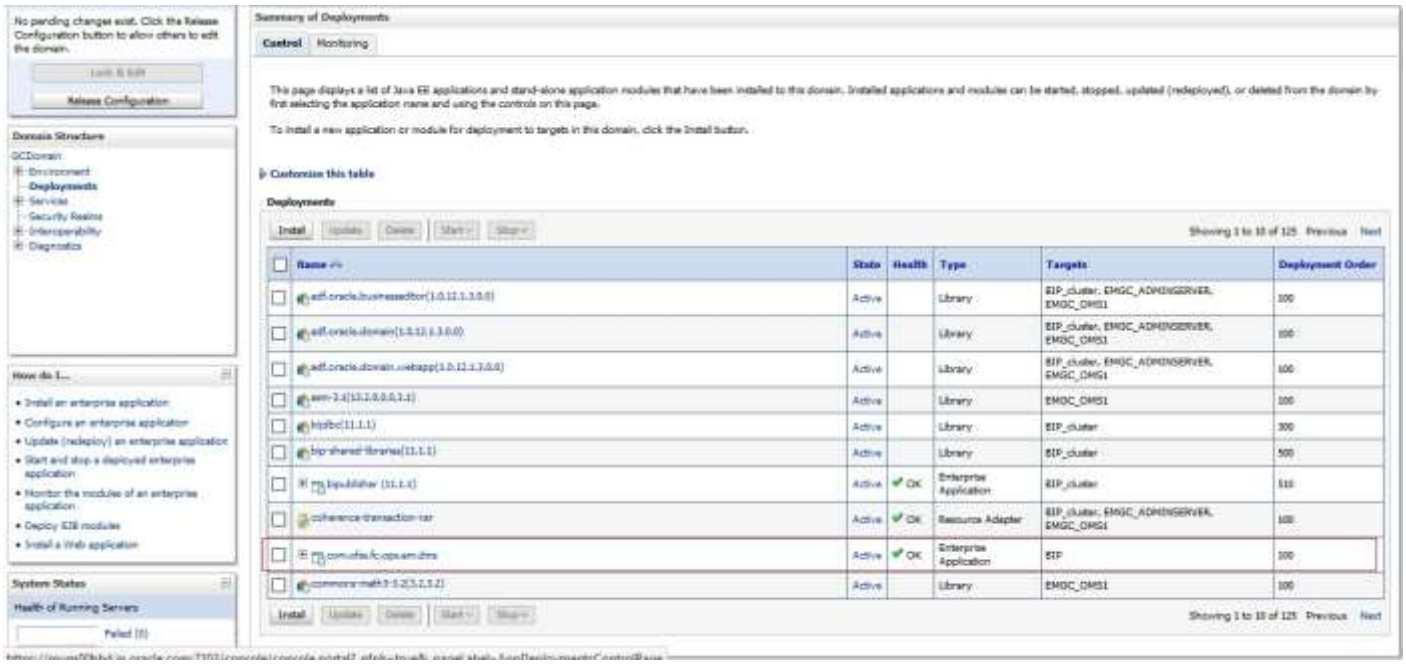
ix. Select Lock and Edit button. Then select com.ofss.fc.ops.em.dms ear and click on “Servicing all request option” as shown in screenshot.



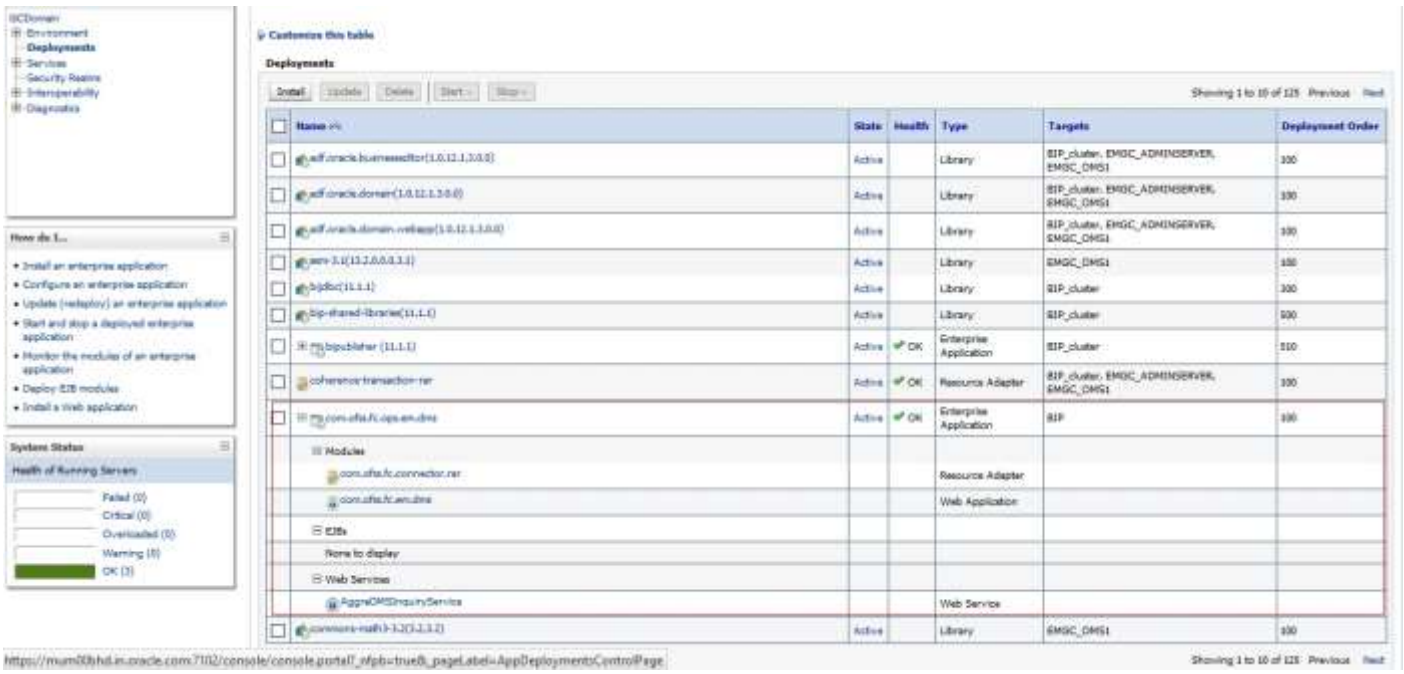
x. Click on Yes button.



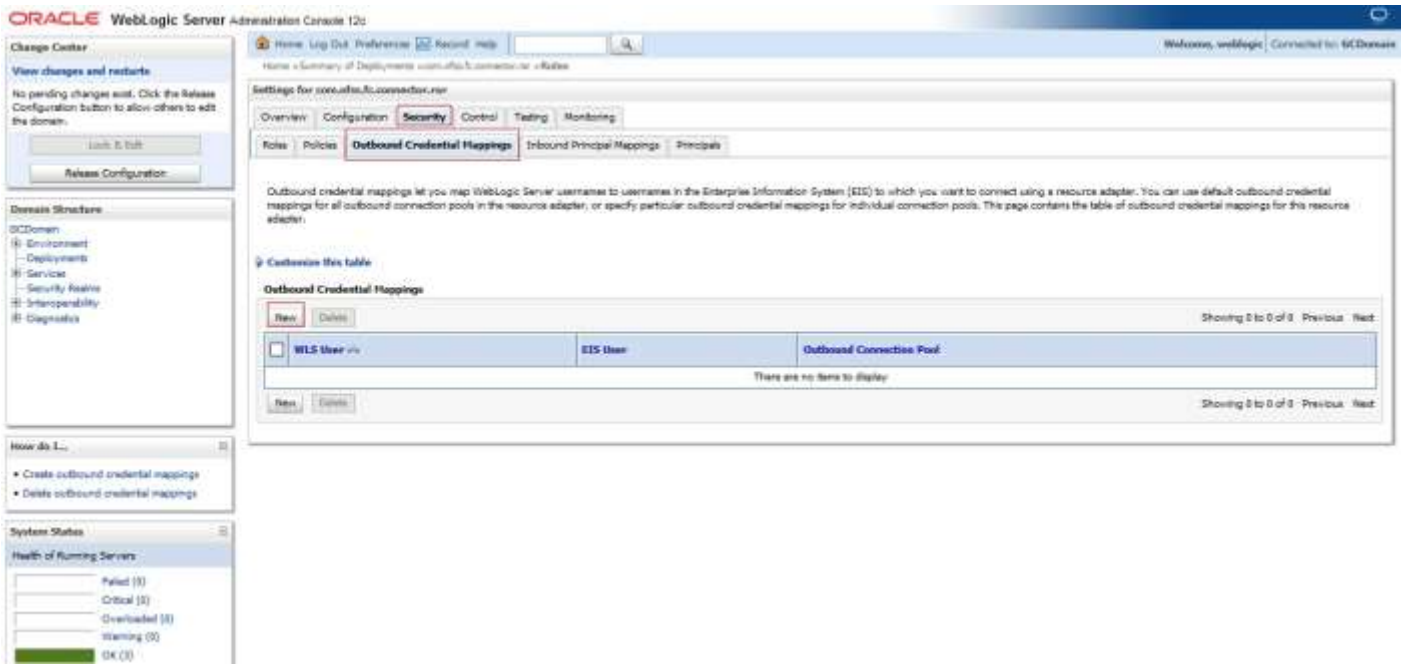
xi. You can see com.ofss.fc.ops.em.dms.ear in active state.



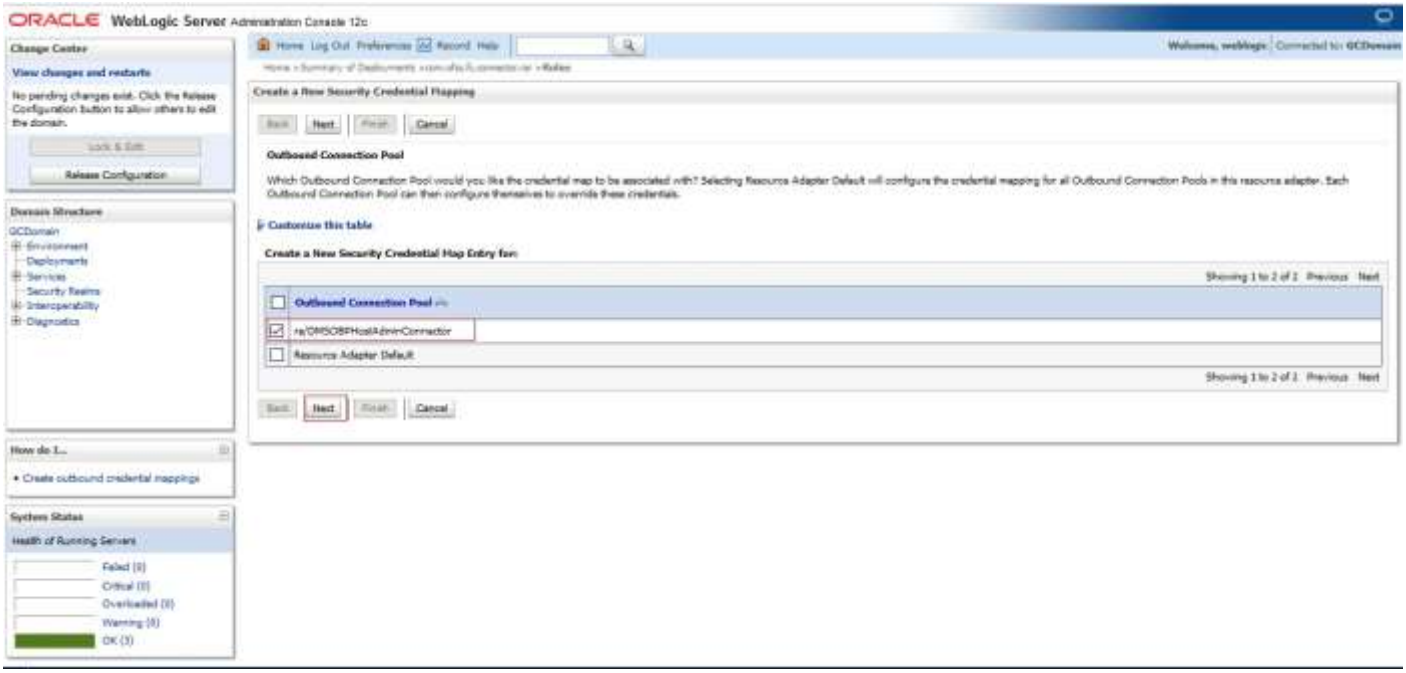
xii. Expand com.ofss.fc.ops.em.dms.ear and click com.ofss.fc.connector.rar.



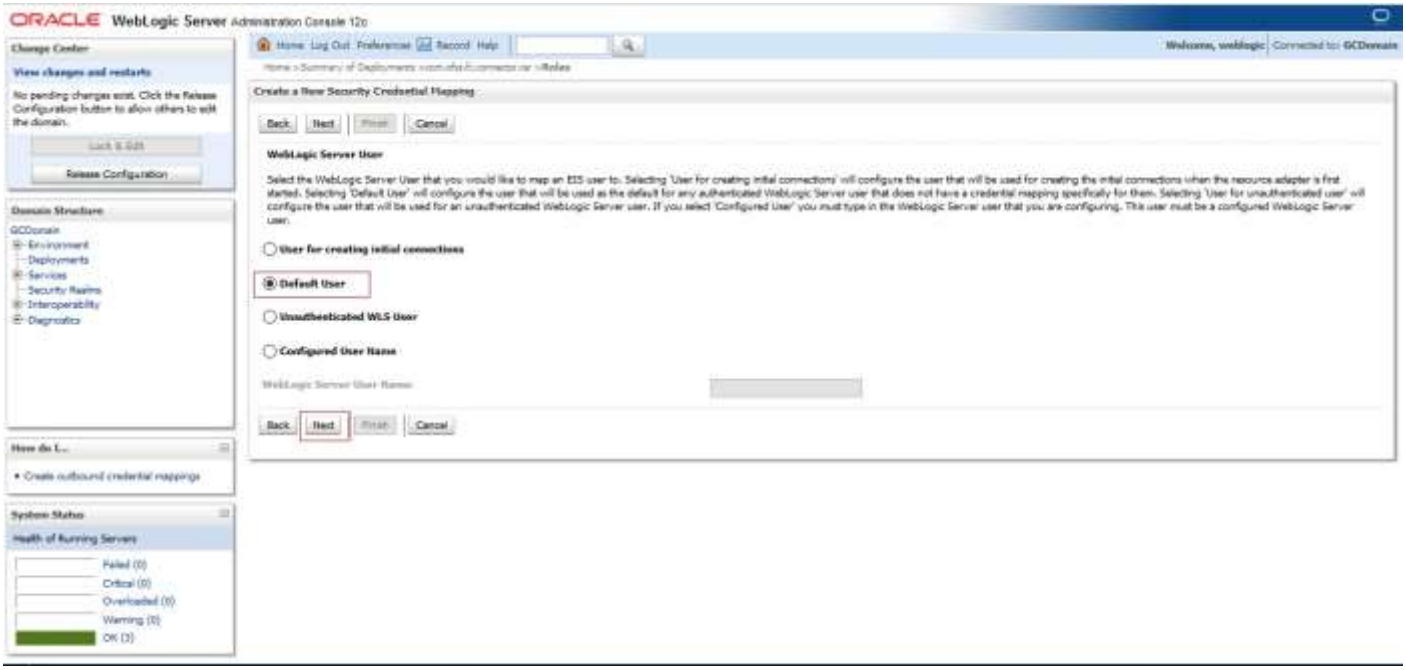
xiii. Click on “security”→“Credential Mapping”. Then click “New”.



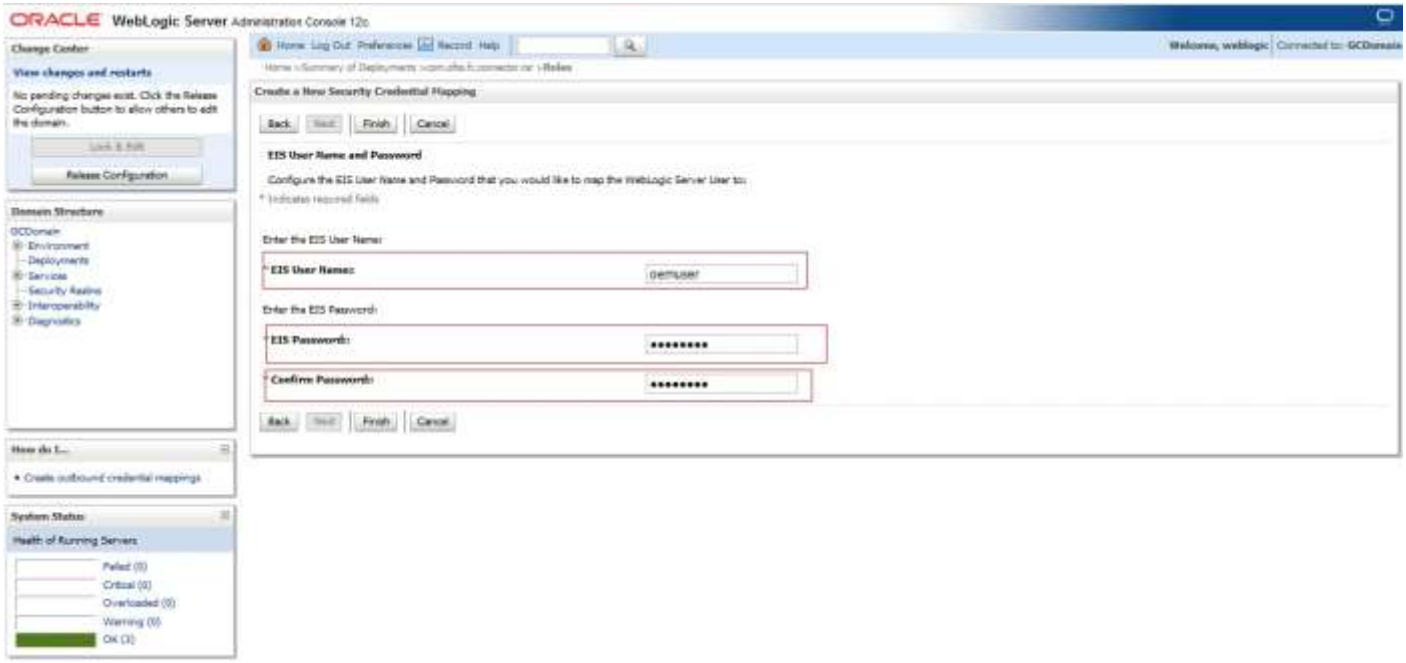
xiv. Check option for “ra/OBPDMSConnector” and Click “Next”.



xv. Select option “Default User” and Click “Next”.



xvi. Set username and password as created as OBP Host and UI Weblogic admin server and click “Finish”.



5 Create and Deploy SEED data to run OBP plugin

5.1 *Seed creation of OBP Server and Domain Details to Run OBP plugin.*

i. Create table with table creation script on OEM database with sysman schema.Table creation script(FLX_FW_EM_CONFIG_VAR_B.SQL) available in
<OBPINSTALLER>/em_monitor/EM/OBP_Management_Pack/db

ii. Check Weblogic Admin server for OBP host and UI running on which port. Sample seed is available in
<OBPINSTALLER>/em_monitor/EM/OBP_Management_Pack/seed
Based on Weblogic Admin Server Address and Port create seed. Important parameters are

OBP Host Weblogic Admin Server Address:
PROP_ID=host.admin.address
ENV_ID={Monitoring Environment Unique Identification}.Target name of the OBP plugin.
PROP_VALUE={OBP Host Weblogic Admin Server Address}

OBP Host Weblogic Admin Server Port:
PROP_ID= host.admin.port'
ENV_ID={Monitoring Environment Unique Identification}.Target name of the OBP plugin.
PROP_VALUE={OBP Host Weblogic Admin Server Port}

OBP UI Weblogic Admin Server Address:
PROP_ID= ui.admin.address
ENV_ID={Monitoring Environment Unique Identification}.Target name of the OBP plugin.
PROP_VALUE={OBP Host Weblogic Admin Server Address}

OBP UI Weblogic Admin Server Port:
PROP_ID= ui.admin.port
ENV_ID={Monitoring Environment Unique Identification}.Target name of the OBP plugin.
PROP_VALUE={OBP Host Weblogic Admin Server Port}

Example:

Insert into FLX_FW_EM_CONFIG_VAR_B (PROP_ID,ENV_ID,PROP_VALUE,FACTORY_SHIPPED_FLAG,PROP_COMMENTS,CREATED_BY,CREATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE,OBJECT_STATUS_FLAG,OBJECT_VERSION_NUMBER,ADD_PROP_VALUE) values ('host.admin.address','OBP_T20_VIEW','ofss310523.in.oracle.com','y',null,'ofssuser',to_timestamp('16-OCT-15 07.13.22.000000000 PM','DD-MON-RR HH.MI.SSXFF AM'),'ofssuser',to_timestamp('16-OCT-15 07.13.22.000000000 PM','DD-MON-RR HH.MI.SSXFF AM'),'A',1,'N/A');
Insert into FLX_FW_EM_CONFIG_VAR_B (PROP_ID,ENV_ID,PROP_VALUE,FACTORY_SHIPPED_FLAG,PROP_COMMENTS,CREATED_BY,CREATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE,OBJECT_STATUS_FLAG,OBJECT_VERSION_NUMBER,ADD_PROP_VALUE) values ('ui.admin.address','OBP_T20_VIEW','ofss310528.in.oracle.com','y',null,'ofssuser',to_timestamp('16-OCT-15 07.13.22.000000000 PM','DD-MON-RR HH.MI.SSXFF AM'),'ofssuser',to_timestamp('16-OCT-15 07.13.22.000000000 PM','DD-MON-RR HH.MI.SSXFF AM'),'A',1, 'N/A');
Insert into FLX_FW_EM_CONFIG_VAR_B (PROP_ID,ENV_ID,PROP_VALUE,FACTORY_SHIPPED_FLAG,PROP_COMMENTS,CREATED_BY,CREATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE,OBJECT_STATUS_FLAG,OBJECT_VERSION_NUMBER,ADD_PROP_VALUE) values ('host.admin.port','OBP_T20_VIEW','7001','y',null,'ofssuser',to_timestamp('16-OCT-15 07.13.22.000000000 PM','DD-MON-RR HH.MI.SSXFF AM'),'ofssuser',to_timestamp('16-OCT-15 07.13.22.000000000 PM','DD-MON-RR HH.MI.SSXFF AM'),'A',1, 'N/A');
Insert into FLX_FW_EM_CONFIG_VAR_B (PROP_ID,ENV_ID,PROP_VALUE,FACTORY_SHIPPED_FLAG,PROP_COMMENTS,CREATED_BY,CREATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE,OBJECT_STATUS_FLAG,OBJECT_VERSION_NUMBER,ADD_PROP_VALUE) values ('ui.admin.port','OBP_T20_VIEW','7001','y',null,'ofssuser',to_timestamp('16-OCT-15 07.13.22.000000000 PM','DD-MON-RR HH.MI.SSXFF AM'),'ofssuser',to_timestamp('16-OCT-15 07.13.22.000000000 PM','DD-MON-RR HH.MI.SSXFF AM'),'A',1, 'N/A');
Insert into FLX_FW_EM_CONFIG_VAR_B

iii. Check Unique Domain Identifier created for OBP Host and UI and all related managed servers .Create seed for managed server for OBP Host and UI as follows.Need to create seed for all managed server for OBP host and UI servers. Important parameter are as follows

OBP Host Managed Server:

PROP_ID= host.manage.server.domain
ENV_ID={Monitoring Environment Unique Identification}.Target name of the OBP plugin.
PROP_VALUE= Unique Domain Identifier
ADD_PROP_VALUE=OBP Host Managed Server Name

OBP UI Managed Server:

PROP_ID=ui.manage.server.domain
ENV_ID={Monitoring Environment Unique Identification}.Target name of the OBP plugin.
PROP_VALUE= Unique Domain Identifier
ADD_PROP_VALUE=OBP UI Managed Server Name

Example:

Insert into FLX_FW_EM_CONFIG_VAR_B (PROP_ID,ENV_ID,PROP_VALUE,FACTORY_SHIPPED_FLAG,PROP_COMMENTS,CREATED_BY,CREATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE,OBJECT_STATUS_FLAG,OBJECT_VERSION_NUMBER,ADD_PROP_VALUE) values ('host.manage.server.domain','OBP_T20_VIEW','/T20_HOST_host_domain/host_domain','y',null,'ofssuser',to_timestamp('16-OCT-15 07.13.22.000000000 PM','DD-MON-RR HH.MI.SSXFF AM'),'ofssuser',to_timestamp('16-OCT-15 07.13.22.000000000 PM','DD-MON-RR HH.MI.SSXFF AM'),'A',1,'obphost_server1');

Insert into FLX_FW_EM_CONFIG_VAR_B (PROP_ID,ENV_ID,PROP_VALUE,FACTORY_SHIPPED_FLAG,PROP_COMMENTS,CREATED_BY,CREATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE,OBJECT_STATUS_FLAG,OBJECT_VERSION_NUMBER,ADD_PROP_VALUE) values ('ui.manage.server.domain','OBP_T20_VIEW','/T20_UI_ui_domain/ui_domain','y',null,'ofssuser',to_timestamp('16-OCT-15 07.13.22.000000000 PM','DD-MON-RR HH.MI.SSXFF AM'),'ofssuser',to_timestamp('16-OCT-15 07.13.22.000000000 PM','DD-MON-RR HH.MI.SSXFF AM'),'A',1,'obpui_server1');

iv. Check OEM Weblogic Admin Server unsecure port and create seed .Important parameters are

PROP_ID= em.admin.port
ENV_ID= default
PROP_VALUE= OEM Weblogic Admin Server unsecure port

Example:

Insert into FLX_FW_EM_CONFIG_VAR_B (PROP_ID,ENV_ID,PROP_VALUE,FACTORY_SHIPPED_FLAG,PROP_COMMENTS,CREATED_BY,CREATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE,OBJECT_STATUS_FLAG,OBJECT_VERSION_NUMBER,ADD_PROP_VALUE) values ('em.admin.port','default','7001','y',null,'ofssuser',to_timestamp('16-OCT-15 07.13.22.000000000 PM','DD-MON-RR HH.MI.SSXFF AM'),'ofssuser',to_timestamp('16-OCT-15 07.13.22.000000000 PM','DD-MON-RR HH.MI.SSXFF AM'),'A',1, 'N/A');

v. Create seed for default OEM properties as every configuration fetched through query. Important parameters are

PROP_ID= em.extract.prop
ENV_ID= default
PROP_VALUE= 'QUERY'

Insert into FLX_FW_EM_CONFIG_VAR_B (PROP_ID,ENV_ID,PROP_VALUE,FACTORY_SHIPPED_FLAG,PROP_COMMENTS,CREATED_BY,CREATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE,OBJECT_STATUS_FLAG,OBJECT_VERSION_NUMBER,ADD_PROP_VALUE) values ('em.extract.prop','default','QUERY','y',null,'ofssuser',to_timestamp('16-OCT-15 07.13.22.000000000 PM','DD-MON-RR

HH.MI.SSXFF AM'),'ofssuser',to_timestamp('16-OCT-15 07.13.22.000000000 PM','DD-MON-RR HH.MI.SSXFF AM'),'A',1, 'N/A');