

Oracle® Banking Platform

Management Pack Setup Guide

Release 2.6.2.0.0

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Oracle Banking Platform Management Pack Setup Guide, Release 2.6.2.0.0

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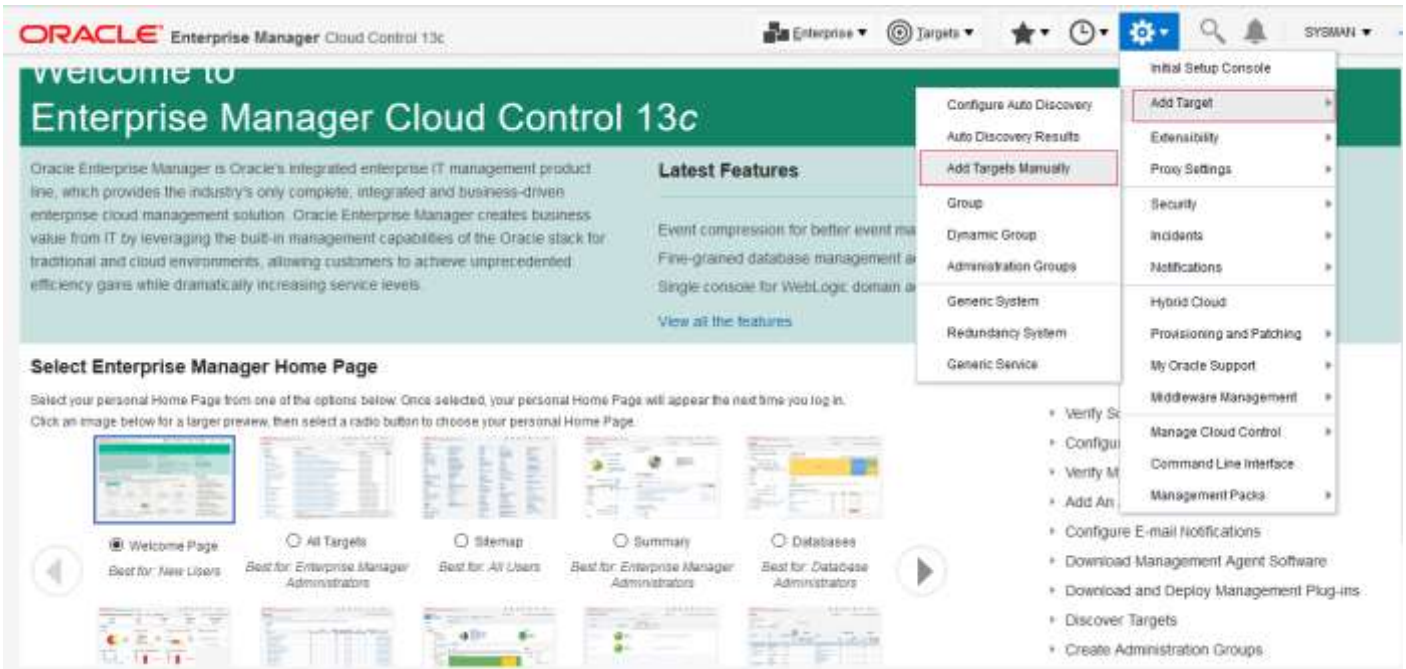
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1 Add OEM agents on participating Hosts and Databases

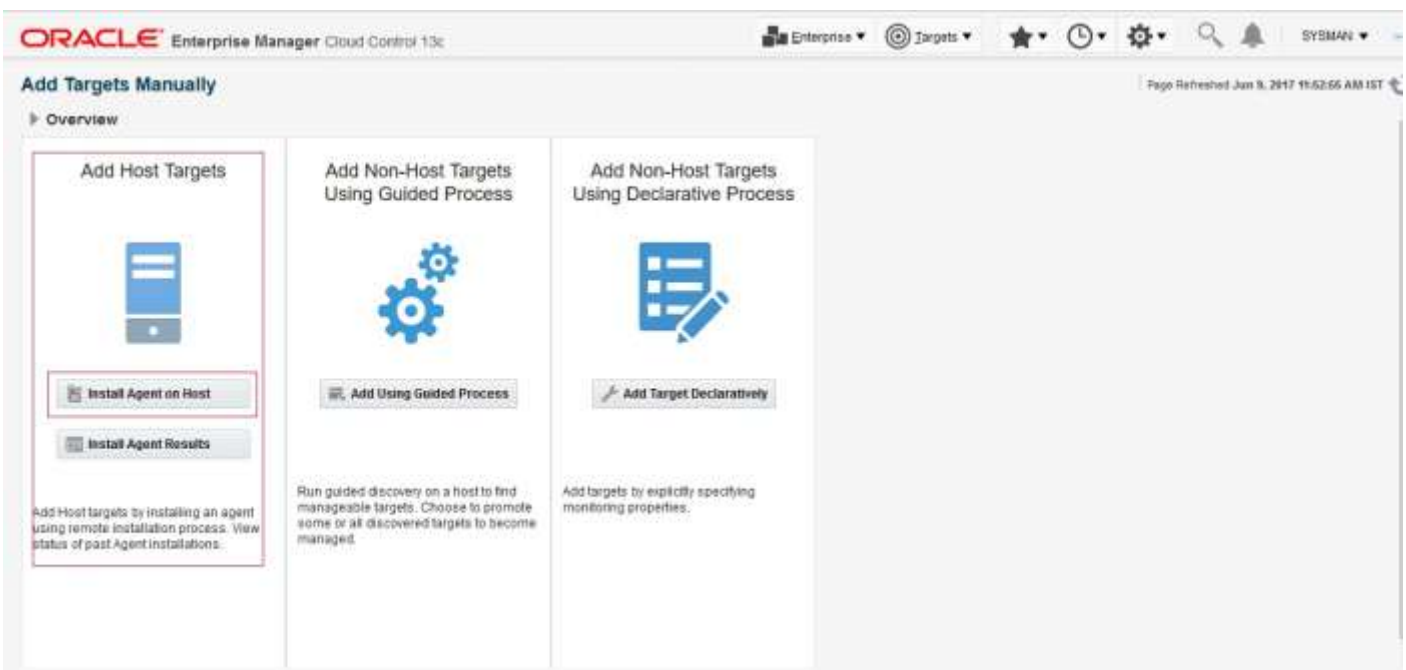
We need to add targets to monitor participating host machine and databases as follows. For database we need to add database server machine as a target type host and then target type as database. Please find the following steps to add targets.

1.1 Add target as target type "Host"

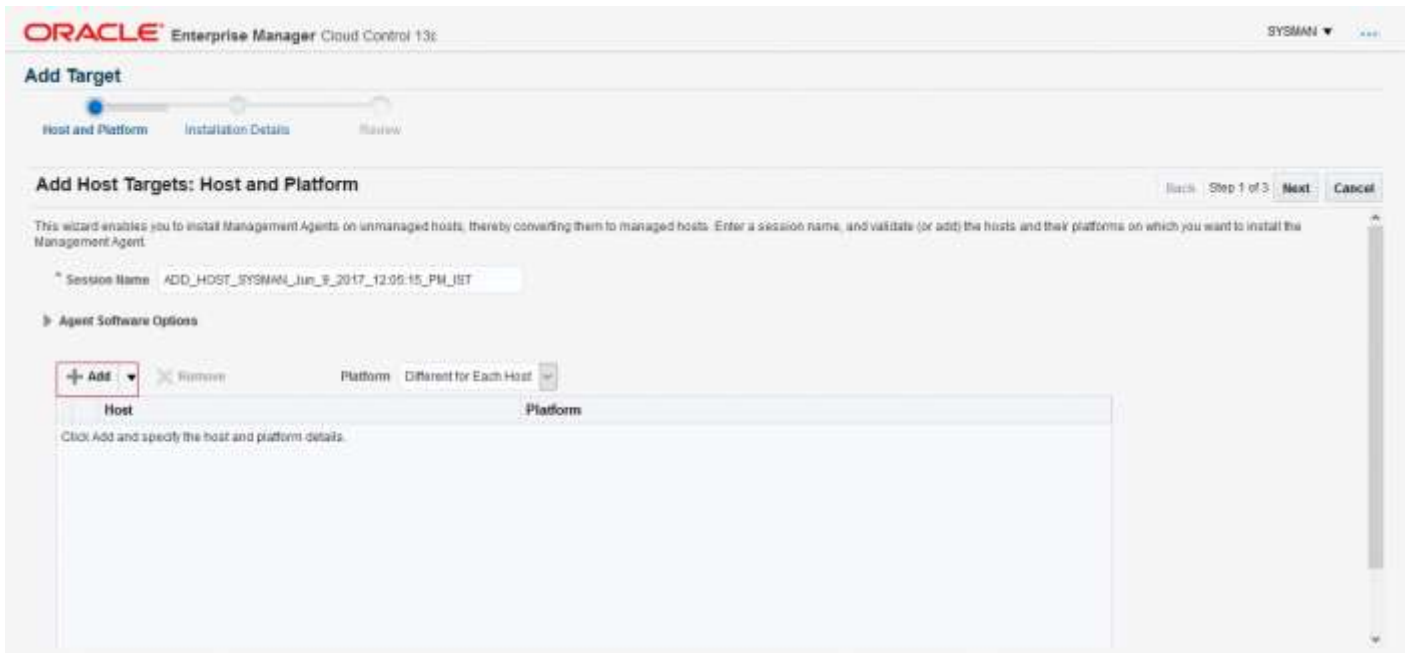
- i. Log in to EM console. Click "Setup" → "Add Target" → "Add Targets Manually"



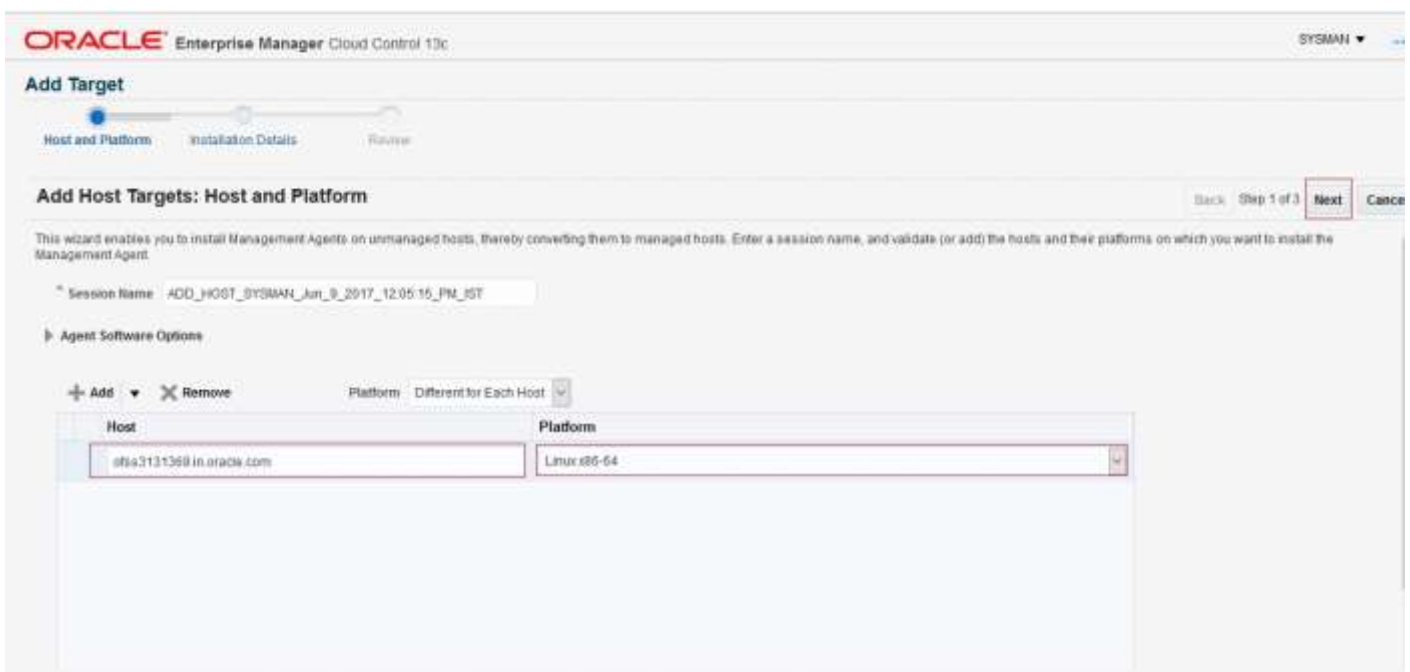
- ii. Click "Install Agent on Host" of



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

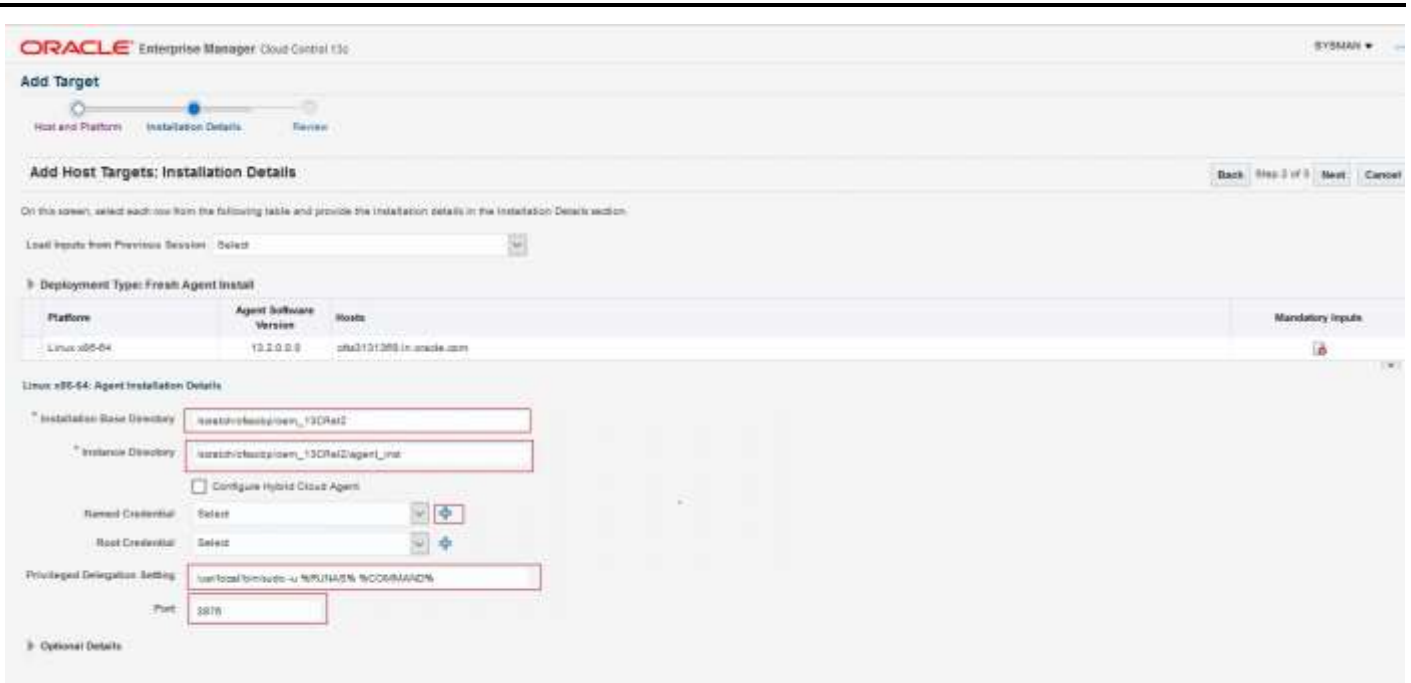


- iv. Enter Host Name or IP address and platform and then click “Next”

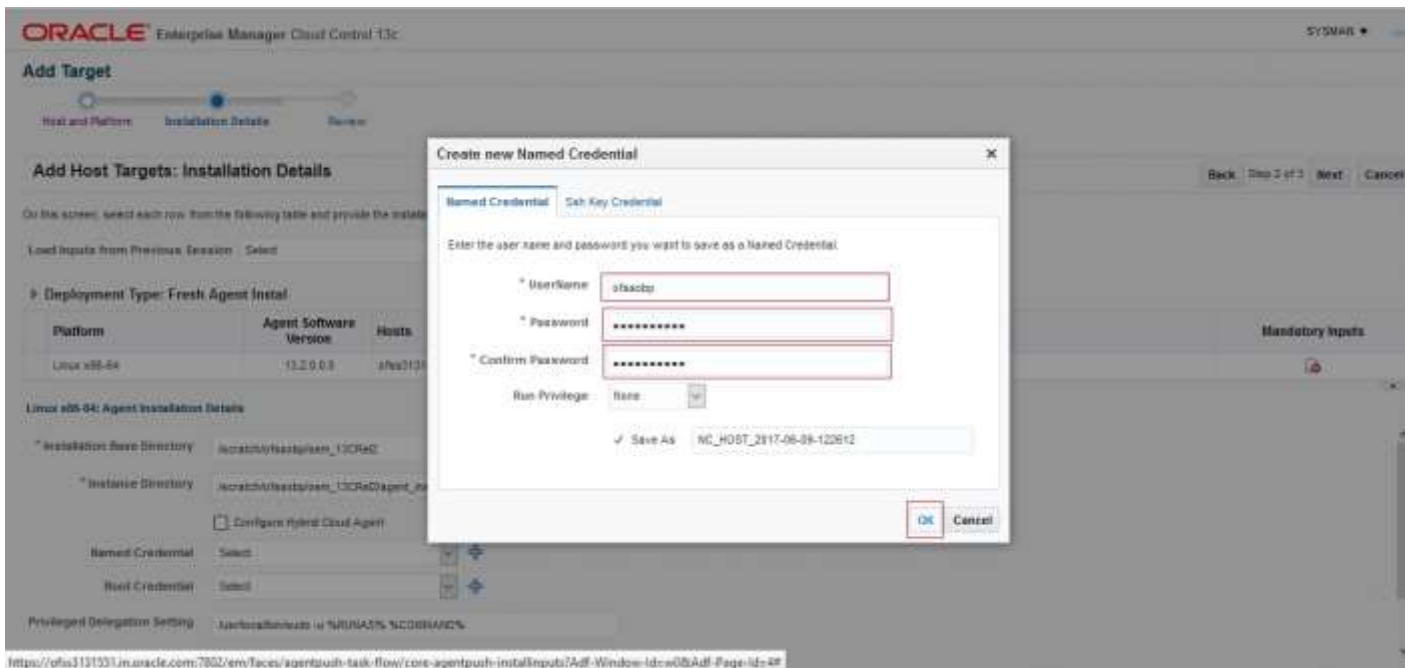


- v. Enter agent installation details as follows
 - a. Installation Base Directory: Specify the path of agent installation path
 - b. Instance Directory: Will be populate after setting Installation Base Directory
 - c. Privileged Delegation Setting: Check the “sudo” path of the machine and update accordingly

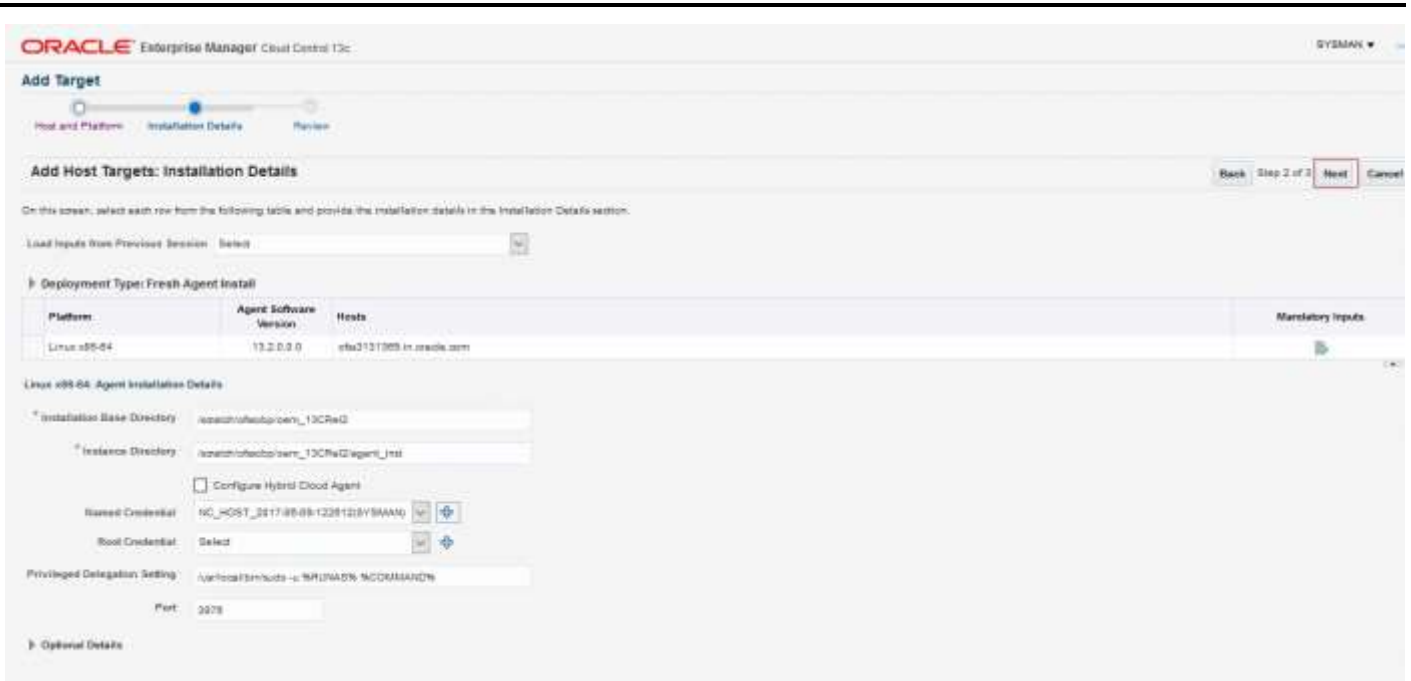
After setting above parameters click “+” to set up Named Credential.



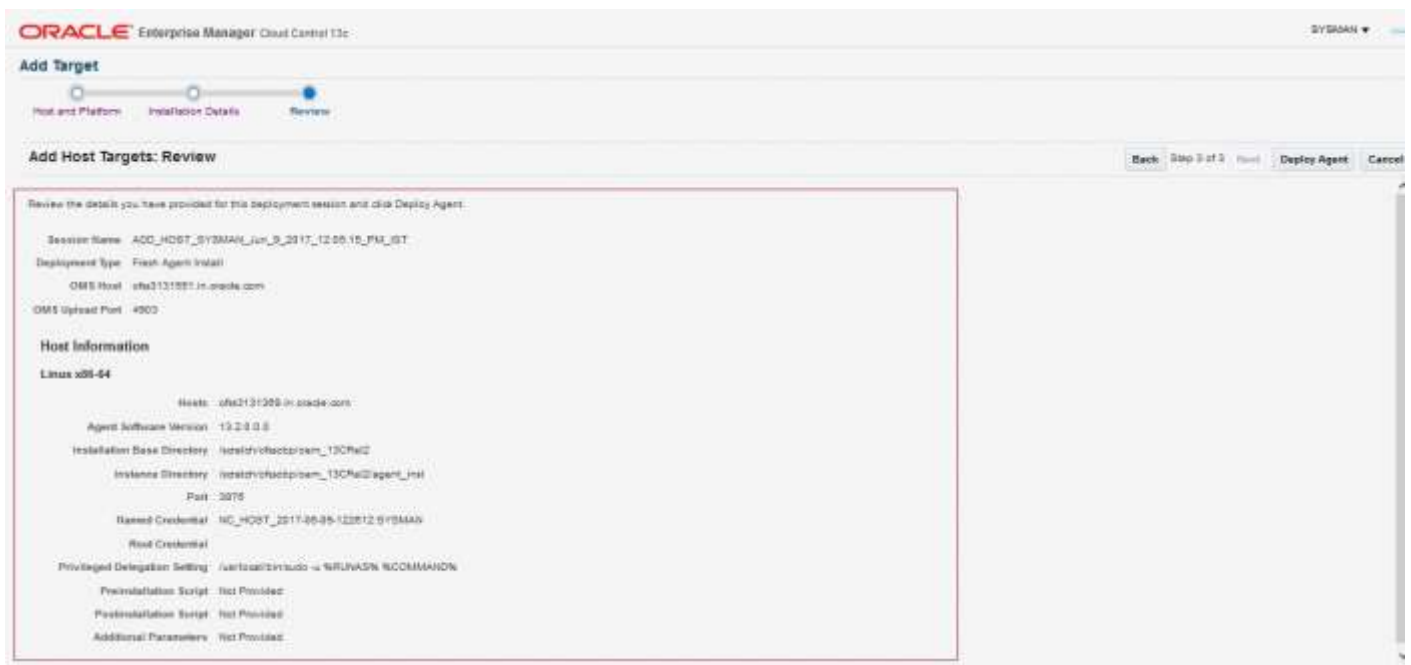
- d. We can setup Root Credential too as user need to run root.sh after finishing target addition
- vi. Set up Named Credential. Enter User credential and click "OK".



- 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

ORACLE Enterprise Manager Cloud Control 13c

Enterprise Targets Favorites History Setup

Page Refreshed Jun 9, 2016 refresh options

Add Host

Agent Deployment Summary: ADD_HOST_SYSMAN_Jun_9_2017_12:05:15_PM_IST

Refresh Frequency 5 seconds Refresh Cancel

Platform	Host	Initialization	Remote Prerequisite Check	Agent Deployment
Linux x86-64	ohs2131389.in.oracle.com	✘	○	○

Agent Deployment Details: ohs2131389.in.oracle.com

Initialization Details

OMS Log Location: ohs21313891.in.oracle.com/ohs21313891/in/EMOC_DM51/sysman/agentpush/2017-06-09_12:05:15-PM/agentprereq/ohs2131389.in.oracle.com_ohs21313891.log

Show only warnings and failures

Initialization Phase Name	Status	Error	Cause	Recommendation
Remote Validations	✔			
Transferring Agent Software to Destination Host	✘			

Remote Prerequisite Check Details

Agent Deployment Details

b. Remote prerequisite check of agent deployment process

ORACLE Enterprise Manager Cloud Control 13c

Enterprise Targets Favorites History Setup

Page Refreshed Jun 9, 2016 refresh options

Add Host

Agent Deployment Summary: ADD_HOST_SYSMAN_Jun_9_2017_12:05:15_PM_IST

Refresh Frequency 5 seconds Refresh Cancel

Platform	Host	Initialization	Remote Prerequisite Check	Agent Deployment
Linux x86-64	ohs2131389.in.oracle.com	✔	✘	○

Agent Deployment Details: ohs2131389.in.oracle.com

Remote Prerequisite Check Details

OMS Log Location: ohs21313891.in.oracle.com/ohs21313891/in/EMOC_DM51/sysman/agentpush/2017-06-09_12:05:15-PM/agentprereq/ohs2131389.in.oracle.com_ohs21313891.log

Show only warnings and failures

Prerequisite Check Name	Status	Error	Cause	Recommendation
Remote Prerequisite Check started on this host.				

Agent Deployment Details

c. Agent deployment

ORACLE Enterprise Manager Cloud Control 13c

Enterprise Targets Favorites History Setup

Page Refreshed Jun 9, 2017 12:57:52 PM IST

Agent Deployment Summary: ADD_HOST_SYSMAN_Jun_9_2017_12:05:15_PM_15T

Agent Deployment in Progress

Refresh Frequency: 15 seconds Refresh Cancel

Platform	Host	Initialization	Remote Prerequisite Check	Agent Deployment
Linux x86-64	ofs2131389.in.oracle.com	✓	✗	✗

Agent Deployment Details: ofs2131389.in.oracle.com

Initialization Details

Remote Prerequisite Check Details

Agent Deployment Details

OMS Log Location: ofs2131551.in.oracle.com/scratch/applog_in/fin/EMOC_OMS1/agentdeployment/2017-06-09_12:05:15-PM/applog/ofs2131389.in.oracle.com_deploy.log

Show only warnings and failures

Deployment Phase Name	Status	Error	Cause	Recommendation
Installation and Configuration	✓			
Secure Agent	✗			
Root.sh	✗			
Collect Log	✓			
Clean up	✓			

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

ORACLE Enterprise Manager Cloud Control 13c

Enterprise Targets Favorites History Setup

Page Refreshed Jun 9, 2017 12:57:52 PM IST

Agent Deployment Summary: ADD_HOST_SYSMAN_Jun_9_2017_12:05:15_PM_15T

Agent Deployment Succeeded

Done

Platform	Host	Initialization	Remote Prerequisite Check	Agent Deployment
Linux x86-64	ofs2131389.in.oracle.com	✓	✗	✓

Agent Deployment Details: ofs2131389.in.oracle.com

Initialization Details

Remote Prerequisite Check Details

Agent Deployment Details

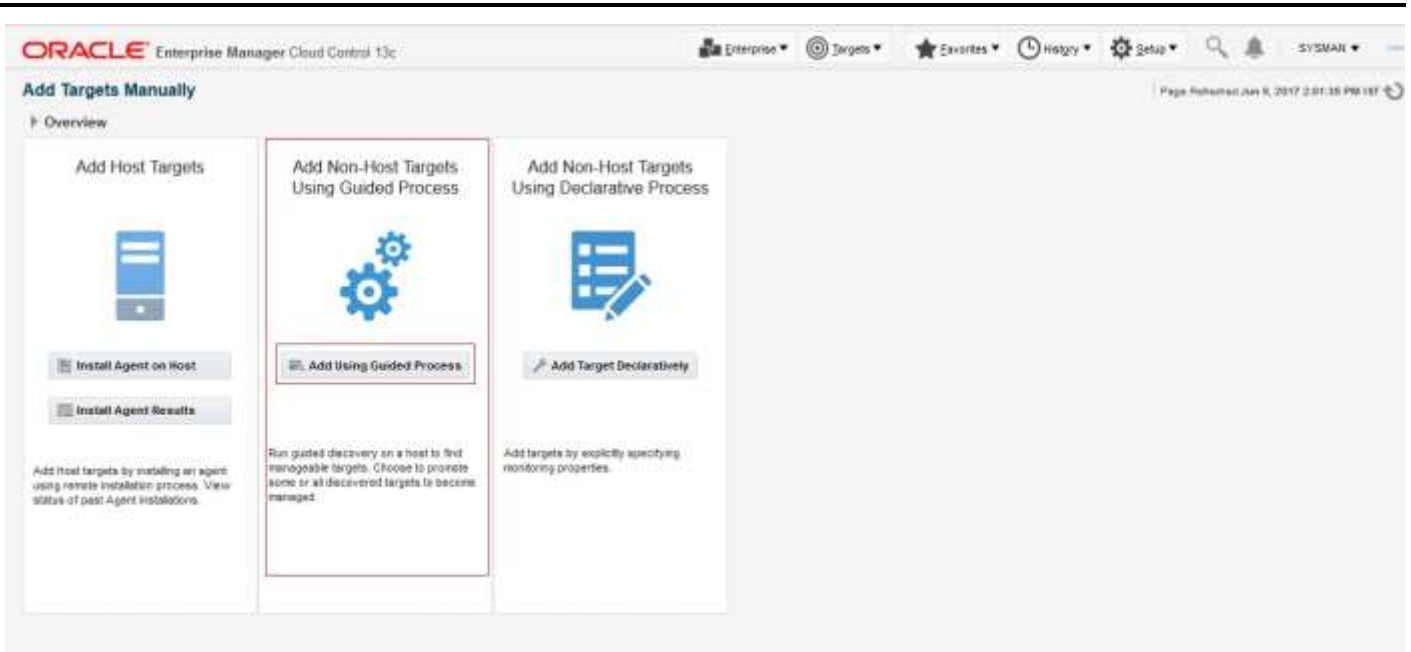
OMS Log Location: ofs2131551.in.oracle.com/scratch/applog_in/fin/EMOC_OMS1/agentdeployment/2017-06-09_12:05:15-PM/applog/ofs2131389.in.oracle.com_deploy.log

Show only warnings and failures

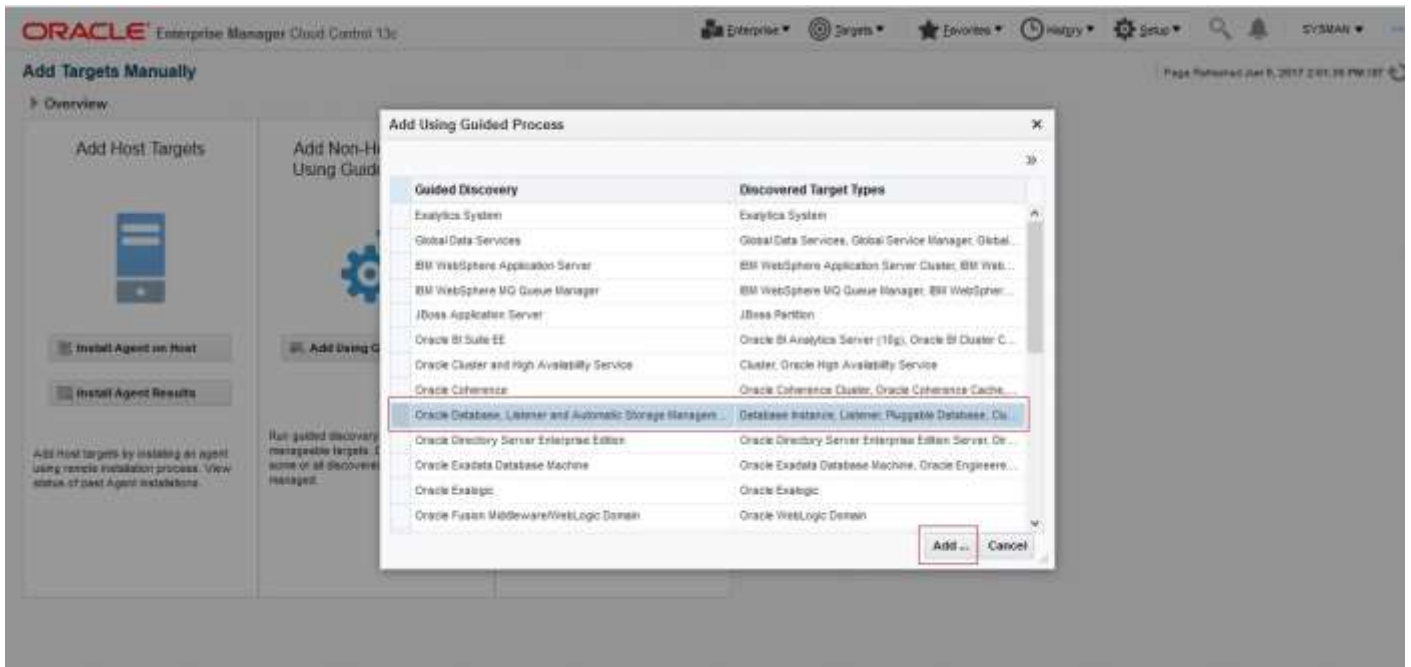
Deployment Phase Name	Status	Error	Cause	Recommendation
Installation and Configuration	✓			
Secure Agent	✓			
Root.sh	✗	The root.sh script was not run because the user did not have the privilege to run as root using the Privilege Delegation tool.		Manually run the following script(s) on the remote host as a root user • /scratch/efcsp/oms_13CRel2/agent_13.2.0.0/Root.sh
Collect Log	✓			

1.2 Add target as target type "Database"

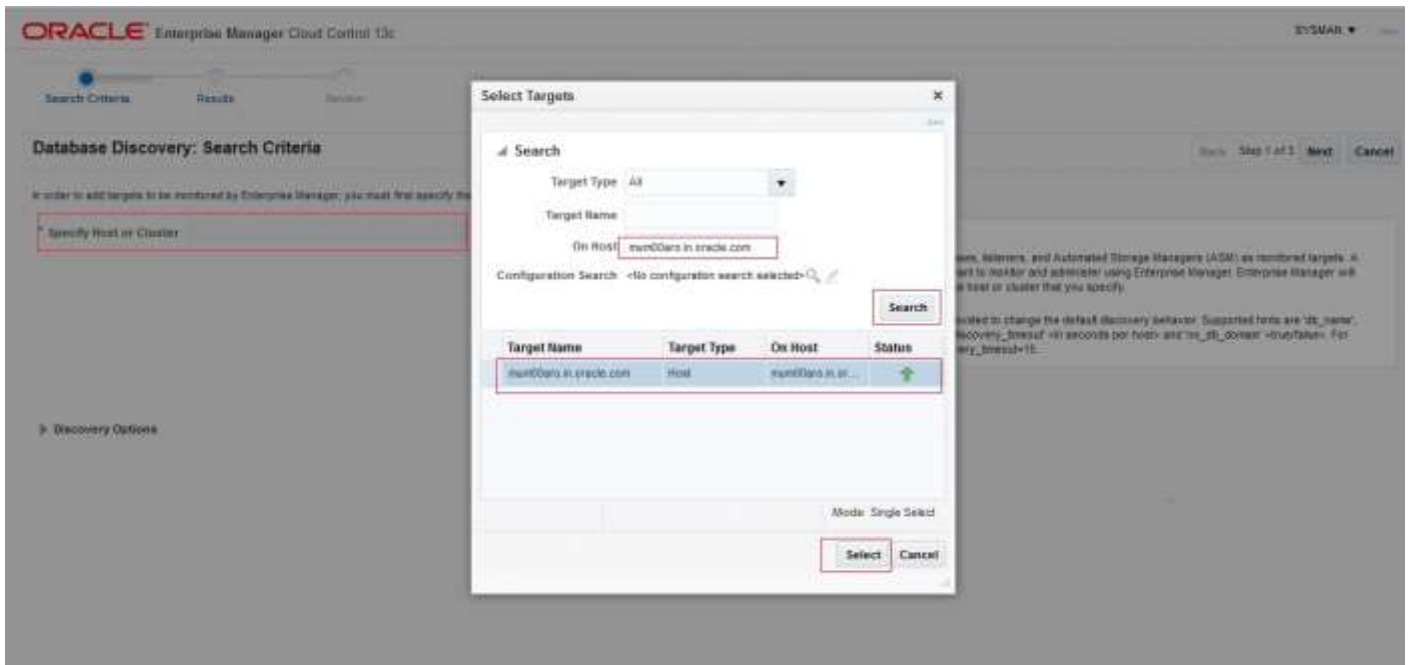
- i. Add Database Host machine following above steps.
- ii. Log in to EM console. Click "Setup" -> "Add Target" -> "Add Targets Manually". Then select "Add Using Guided Process" from "Add Non-Host Targets Using Guided Process" panel.



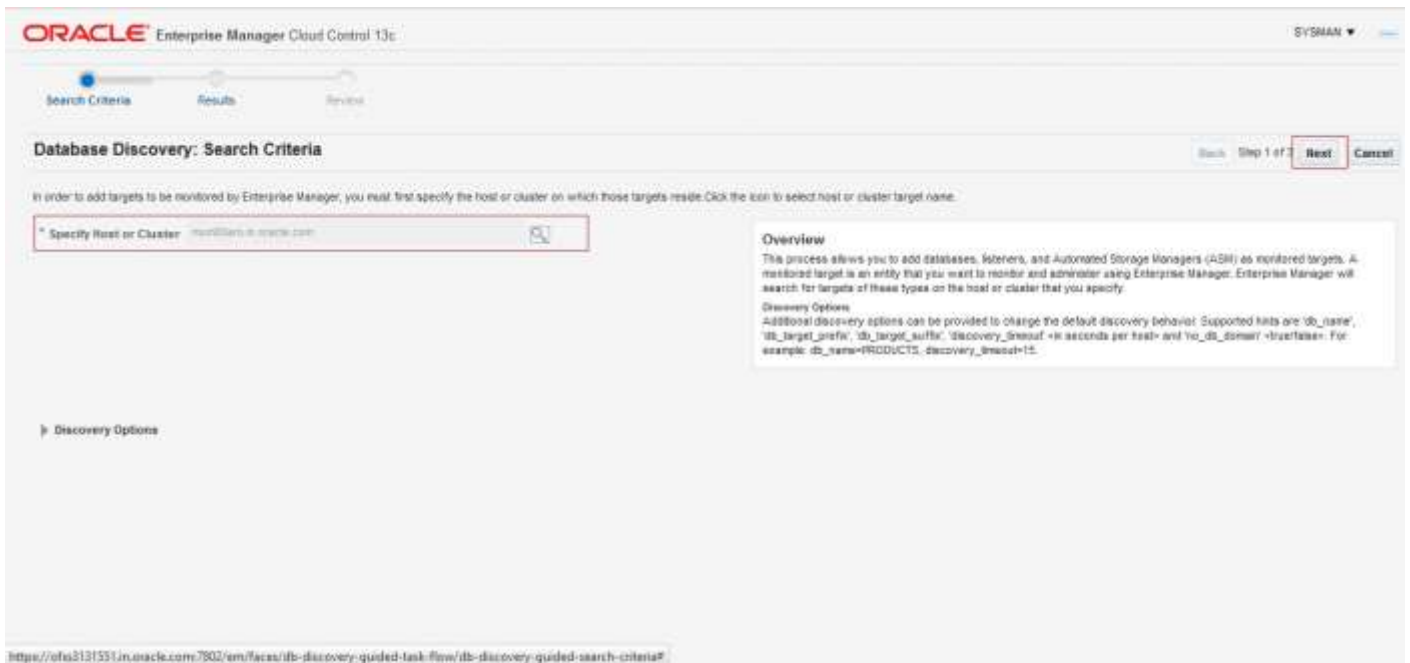
- iii. Select "Target Type" as Oracle Database, Listener and Automatic Storage Management from popup list and then click "Add".



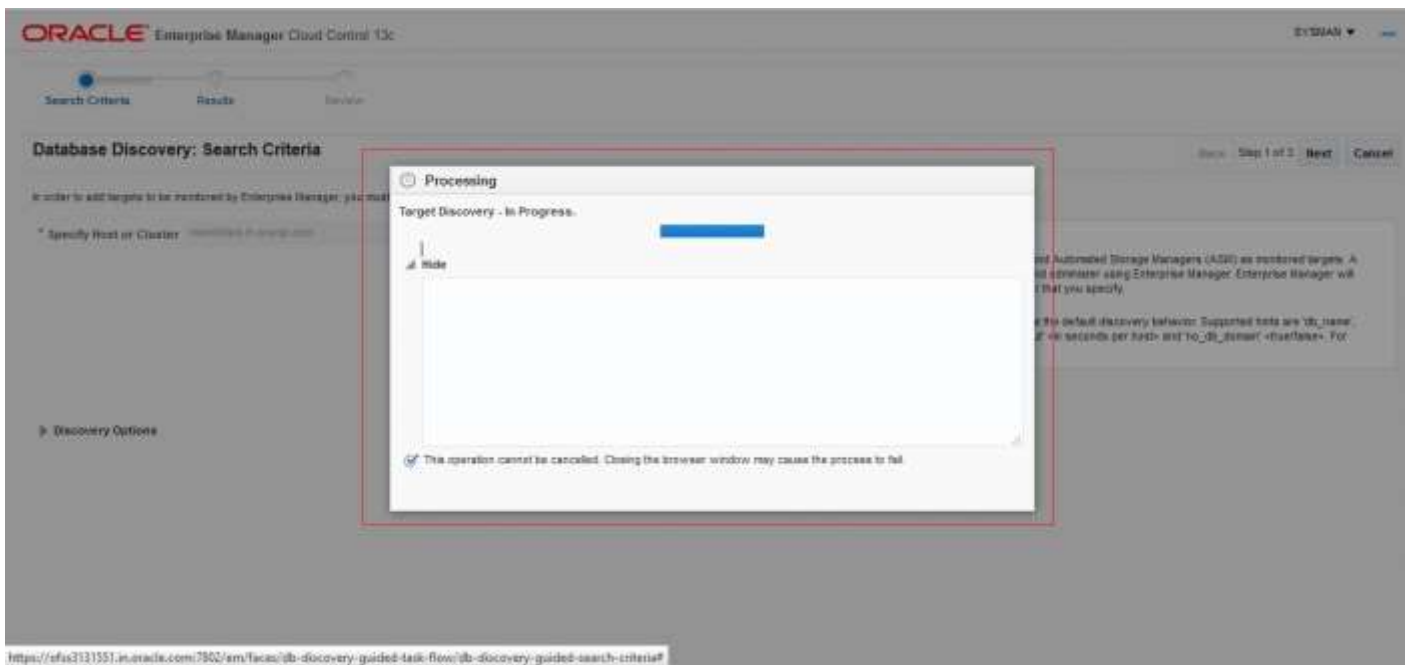
- iv. Select database host machine by specifying Host and Cluster.



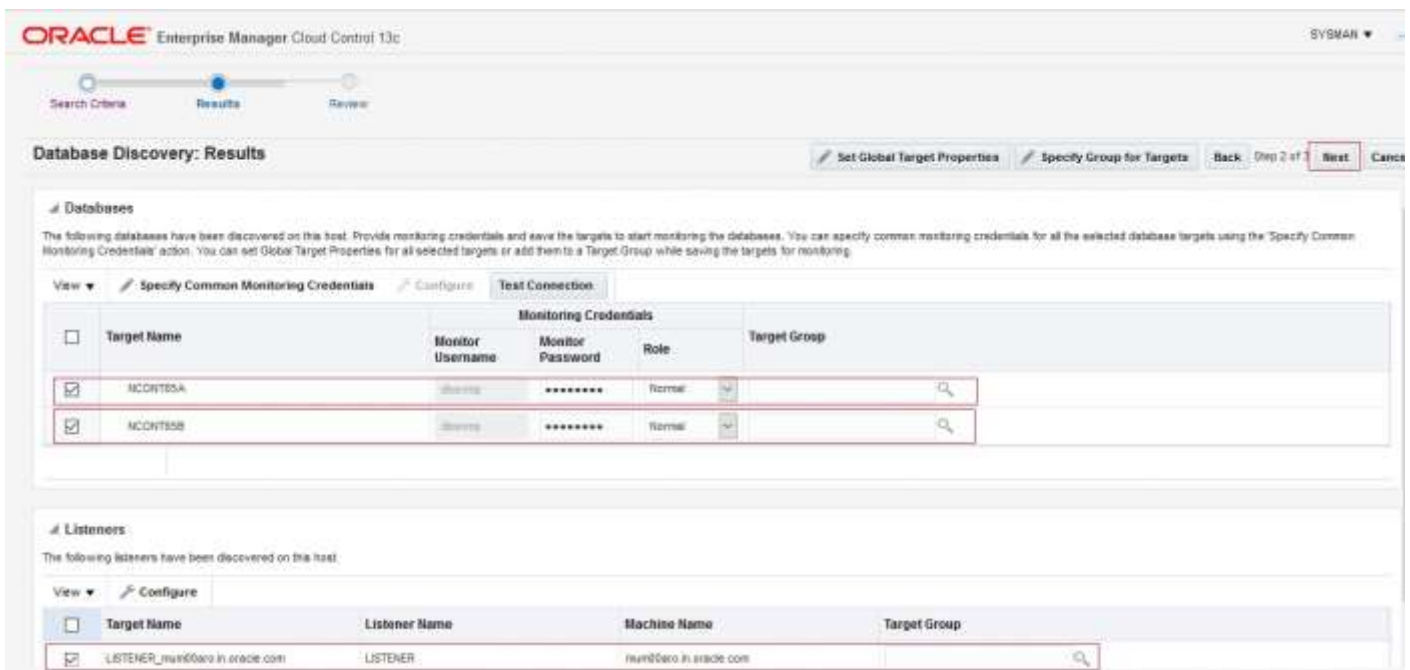
v. Select next after specifying Database host for Database discovery.



https://o16s3131551.in.oracle.com:7802/em/faces/ldb-discovery-guided-task-flow/ldb-discovery-guided-search-criteria?_af



- 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”.

The screenshot shows the Oracle Enterprise Manager Cloud Control 13c interface. The main content area displays a table of database instances. The table has columns for Name, Type, Status, Target Version, Incidents, Average Compliance Score, and Member Status Summary. Four database instances are listed: HCCDTESA, HCCDTESB, HGRDEV, and HGRTEST. All instances are of type 'Database Instance' and have a status of 'UP'. The target version for HCCDTESA and HCCDTESB is 12.1.0.2.0, while for HGRDEV and HGRTEST it is 11.2.0.4.0. The average compliance score for all instances is 'N/A'. The member status summary for each instance shows four '0' values.

Name	Type	Status	Target Version	Incidents	Average Compliance Score	Member Status Summary
HCCDTESA	Database Instance	UP	12.1.0.2.0	0 0 0	N/A	0 0 0 0
HCCDTESB	Database Instance	UP	12.1.0.2.0	0 0 0	N/A	0 0 0 0
HGRDEV	Database Instance	UP	11.2.0.4.0	0 0 0	N/A	0 0 0 0
HGRTEST	Database Instance	UP	11.2.0.4.0	0 0 0	N/A	0 0 0 0

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

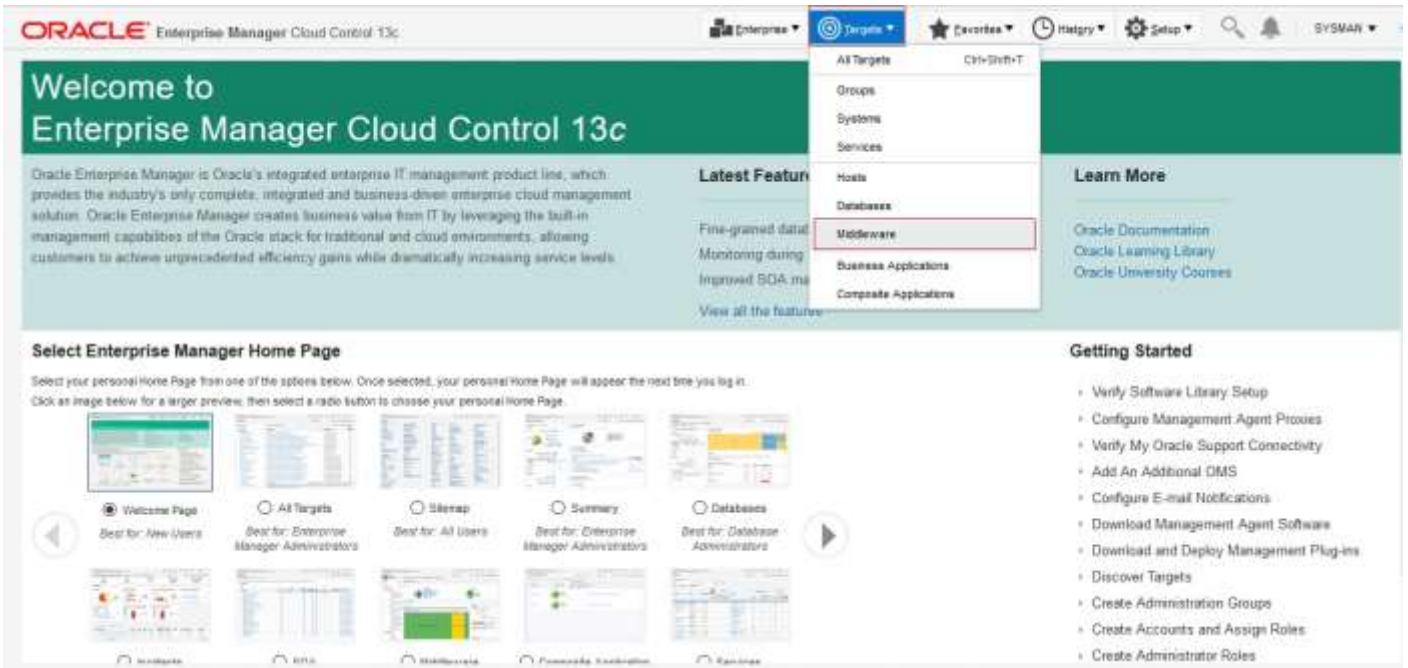
Time zone for all Oracle management agents for all the targets and Oracle Management Server should be same. If we have different time zone of Oracle Management Server and Oracle Management agents we need to following steps.

- 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`

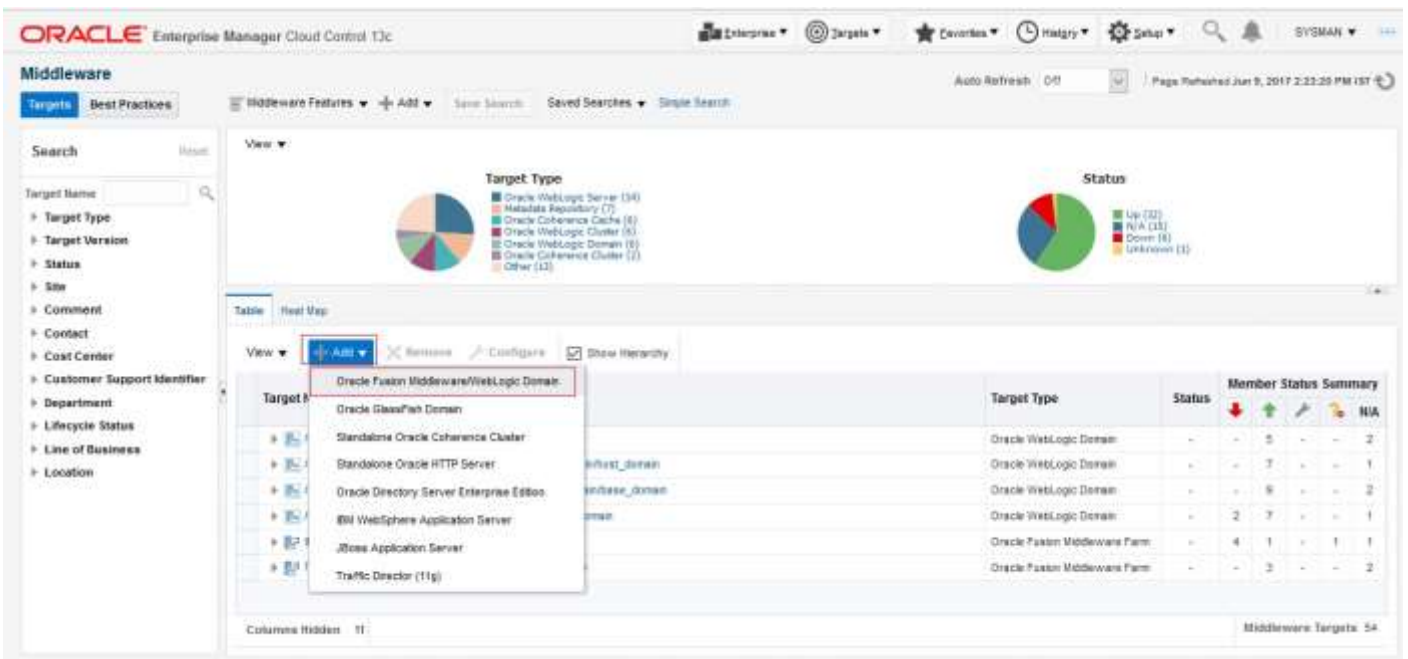
1.4 *Add targets as target type "Middleware"*

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.

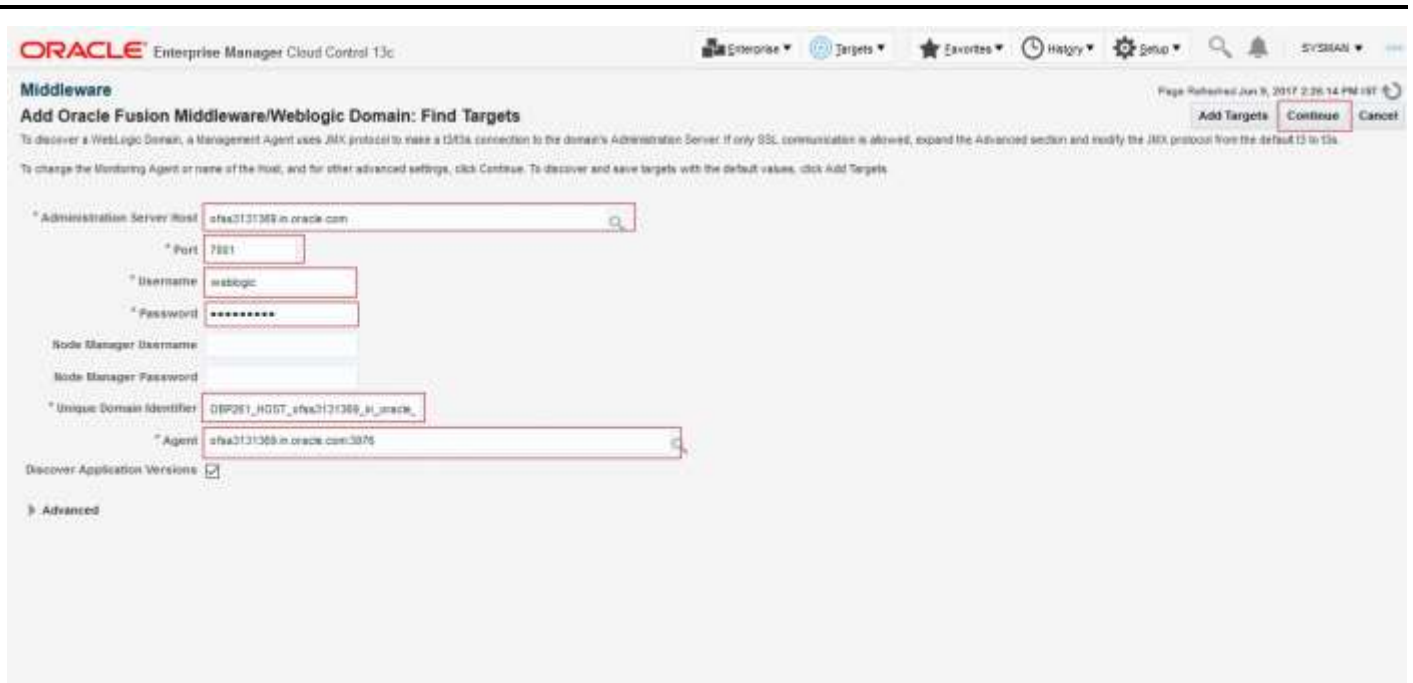
- i. Log in to EM console. Click “Targets” →”Middleware”



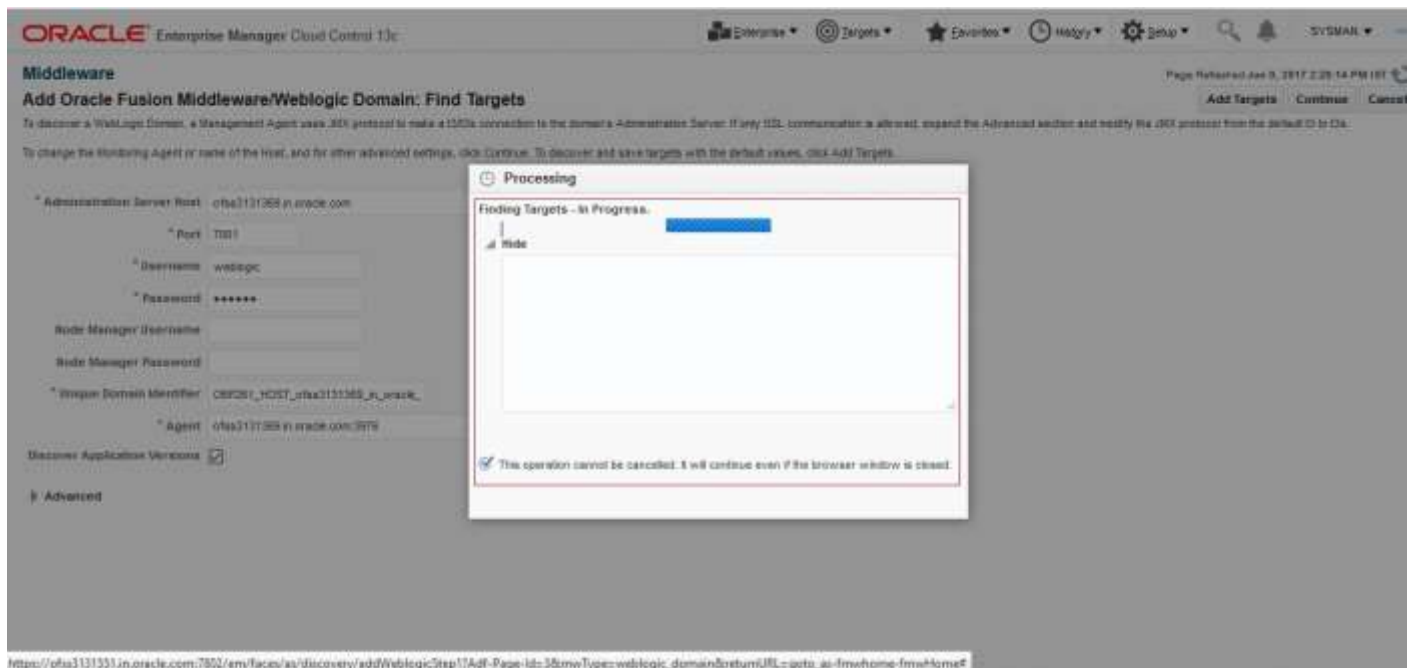
- ii. Click “Add” →”Oracle Fusion Middleware/Weblogic Domain”.



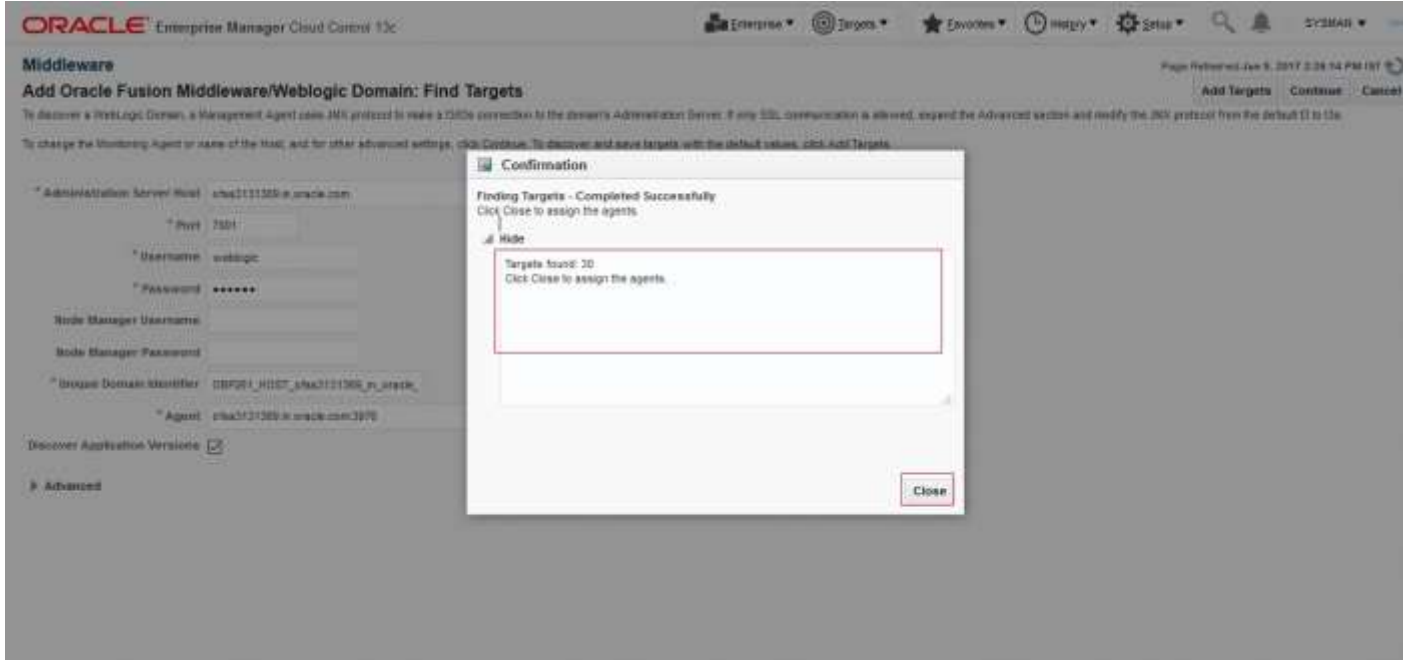
- iii. Enter the details of the server for which the middleware is being created
 - Administration Server Host = Enter the Hostname or IP of the middleware host
 - Port = Weblogic Admin Server port
 - Username/password = Weblogic Administration User and Password
 - Unique Domain Identifier = User can 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’



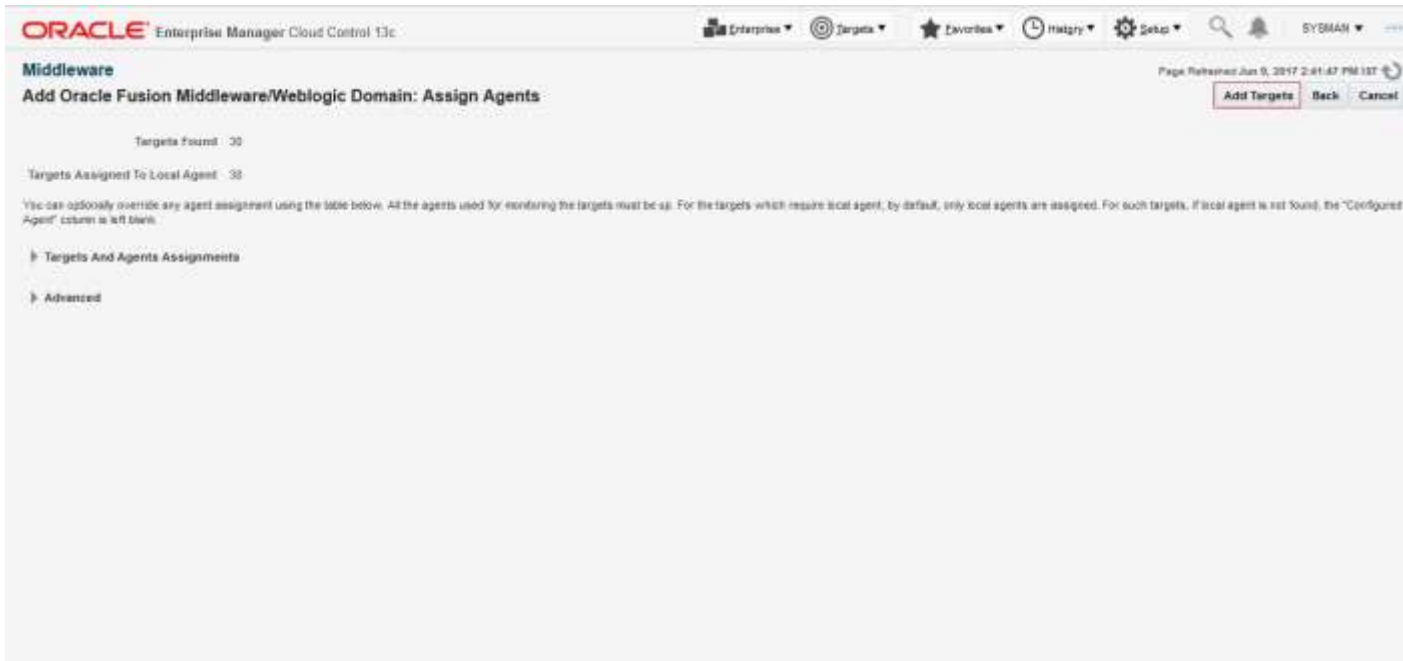
iv. Click on continue, it will identify the targets for that server.

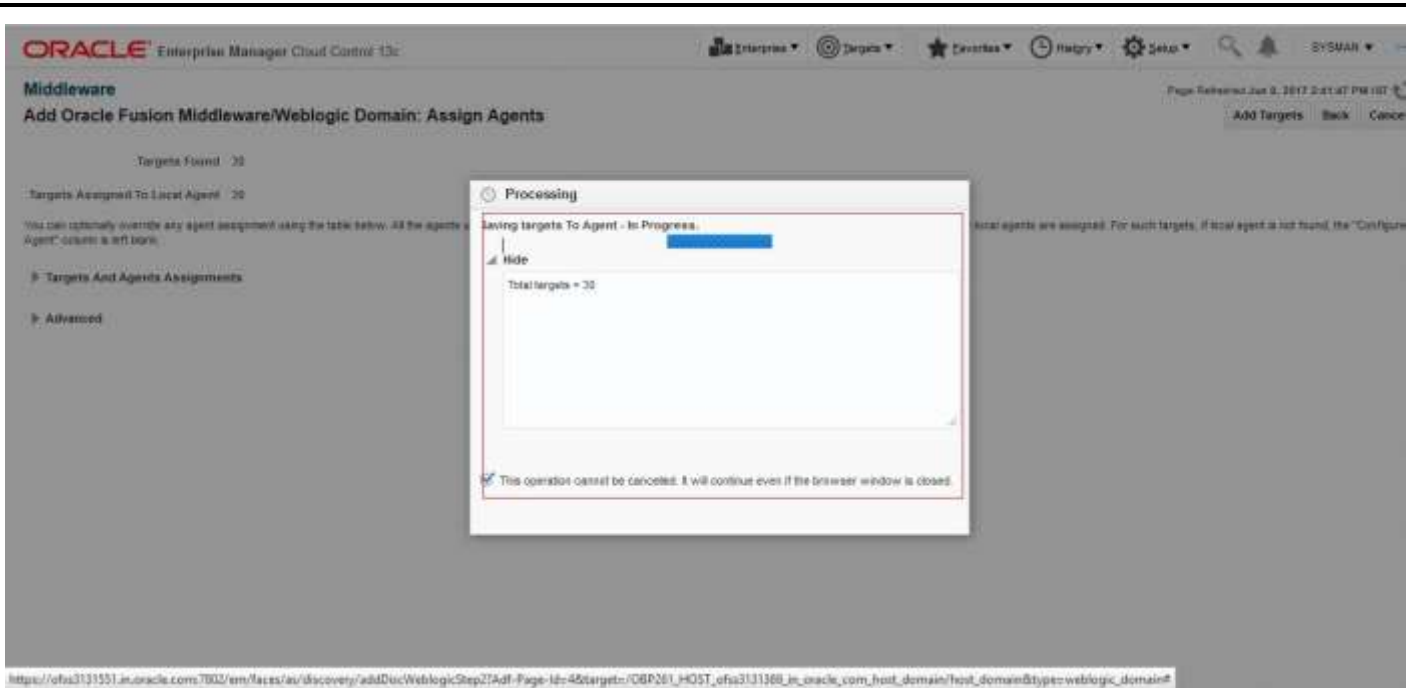


https://ofsa3131369.in.oracle.com:7002/em/aces/as/ulicovevty/addWeblogic?step17AdF-Page-Id=38&mwType=weblogic_domain&returnURL=get_to_fm-whome_fmwhomefm

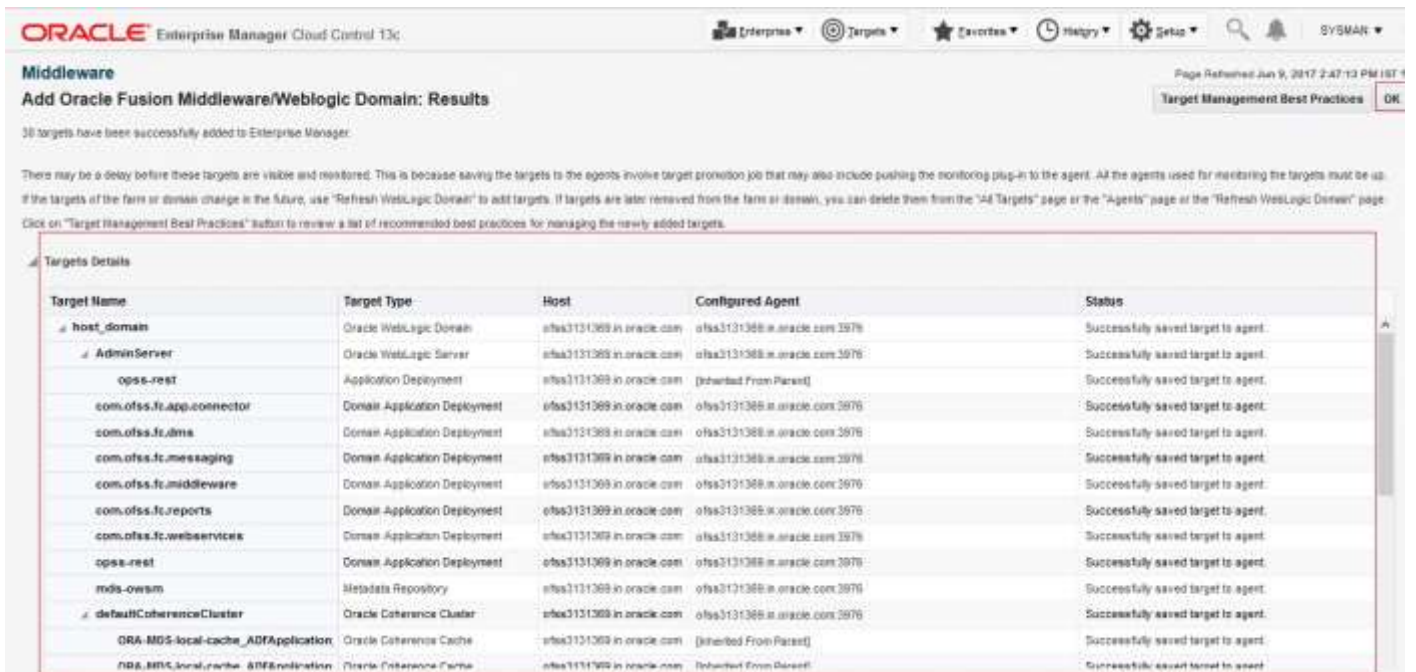


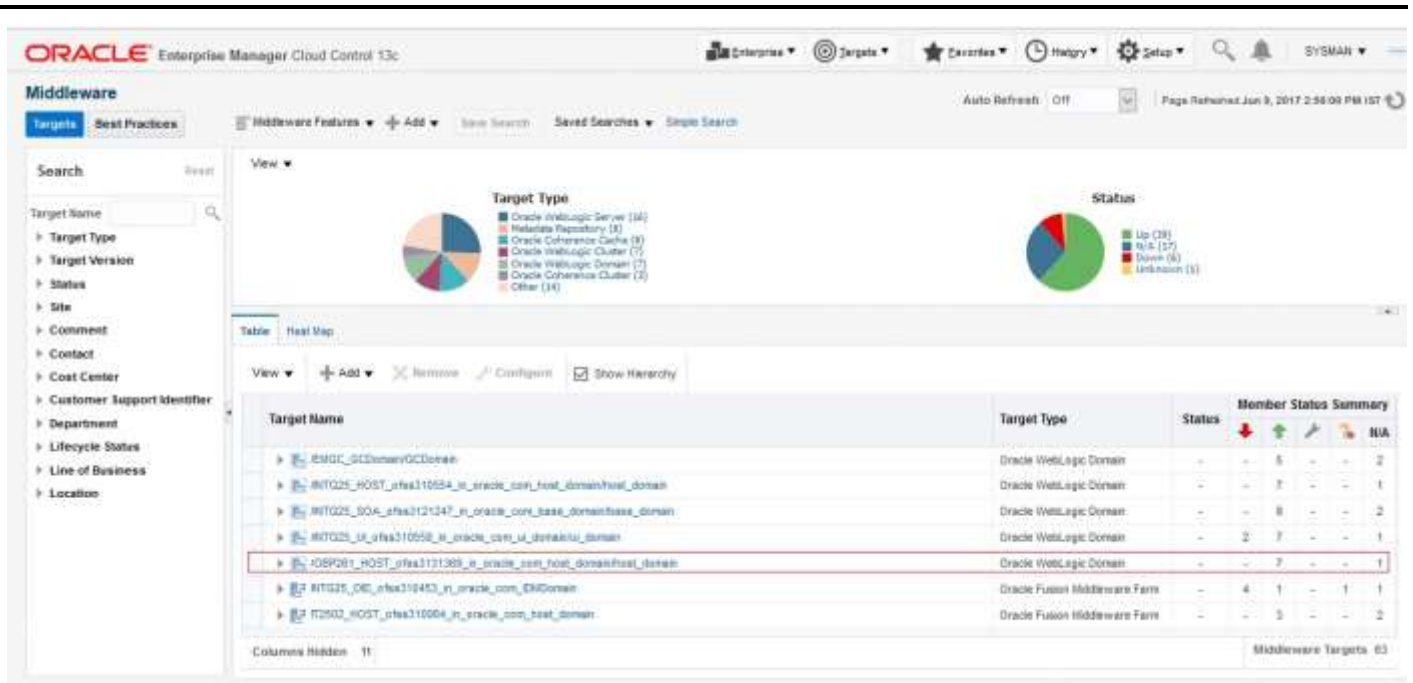
- v. Close the box. , click on "Add Targets", the targets will be added after the search.





- 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 "obppugin" on EM machine in /scratch/app/product/ directory
- iii. Create folder "plugin" on EM machine in /scratch/app/product/obppugin directory
- iv. Upload "obp_em_view_script" folder in "plugin" directory. Source available at <OBPISTALLER>/em_monitor/EM/OBP_Management_Pack
- v. Upload "scripts" folder in "plugin" directory. Source available at <OBPISTALLER>/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 <OBPISTALLER>/em_monitor/EM/OBP_Management_Pack/scripts
- vii. Upload "com.ofss.fc.ops.em.dms.ear" file in "/scratch/app/product/obppugin/plugin" directory. Source available at <OBPISTALLER>/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 software 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/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
----- 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”

- 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`

```

13.2.1.0.0_oracle.system.odhs_2000.0.opar_back_deploy_agent.sh_deploy_oms.sh_undeploy_agent.sh
lofssobp@ofss3131551 OBP]$ ./undeploy_agent.sh
Enter OEM user : sysman
Enter OEM Password :
Enter OEM DB Password :
Enter OEM secure port : 7882
Enter OEM agent port : 3872
Enter OBP plugin version : 13.2.1.0.0
Enter Environment Name : INTG25

----- setup emcli ...
sh /scratch/app/oem13c_rel2/bin/emcli setup -url=https://ofss3131551.in.oracle.com:7882/em -username=sysman -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
sh /scratch/app/oem13c_rel2/bin/emcli delete_target -type=batch_view -name=OBP_INTG25_VIEW
Target "OBP_INTG25_VIEW:batch_view" deleted successfully
----- undeploy hostsample plugin from Agent ...
sh /scratch/app/oem13c_rel2/bin/emcli undeploy_plugin_from_agent -agent_names=ofss3131551.in.oracle.com:3872 -plugin=oracle.system.odhs
Plug-in undeployment from the Management Agents is in progress.
Use "emcli get_plugin_deployment_status -plugin=oracle.system.odhs" to track the plug-in undeployment status.
----- loop until async Agent undeploy completes
Status
: Success
Plugin Agent undeploy took about 20 seconds
lofssobp@ofss3131551 OBP]$

```

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/sem13c_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.

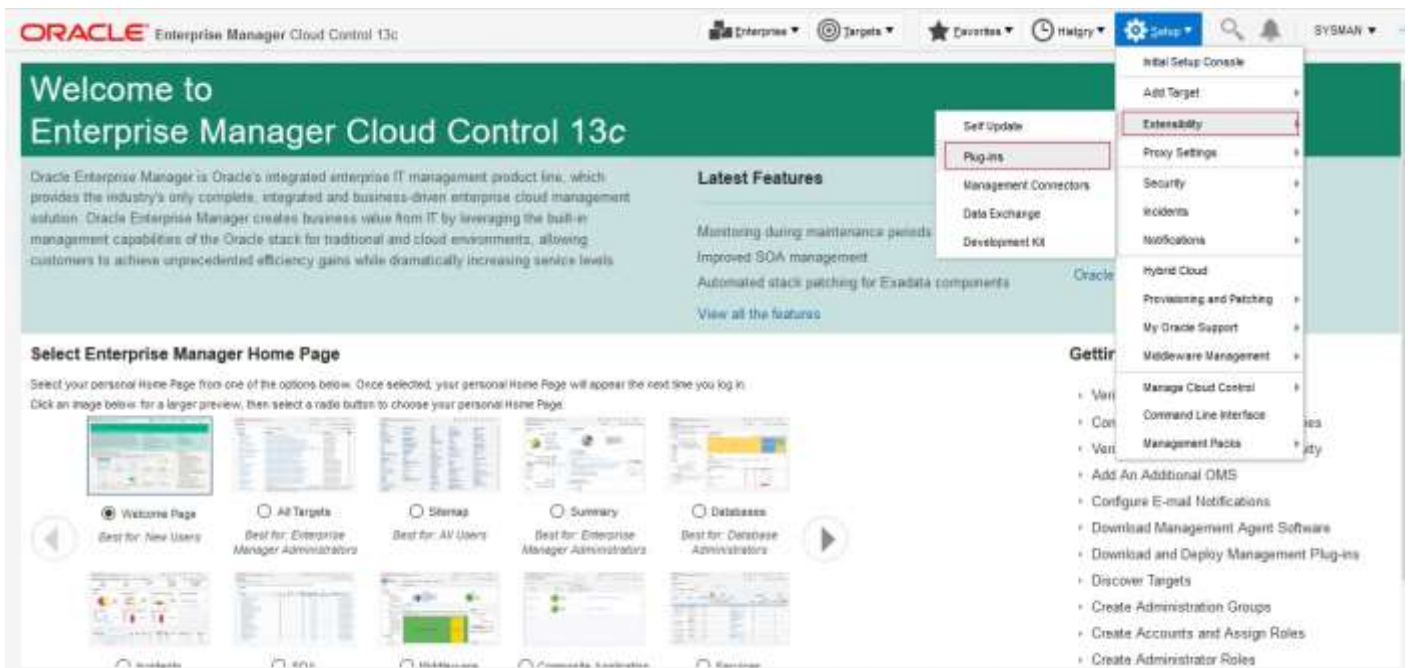
Emcli setup successful
***** undeploy hostsample plugin from OMS *****
Undeployment of plug-in from the management servers is in progress
Use * emcli get_plugin_deployment_status -plugin=oracle.system.odhs * to track plug-in un-deployment status.
***** Loop until async OMS undeploy completes *****
Status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

```

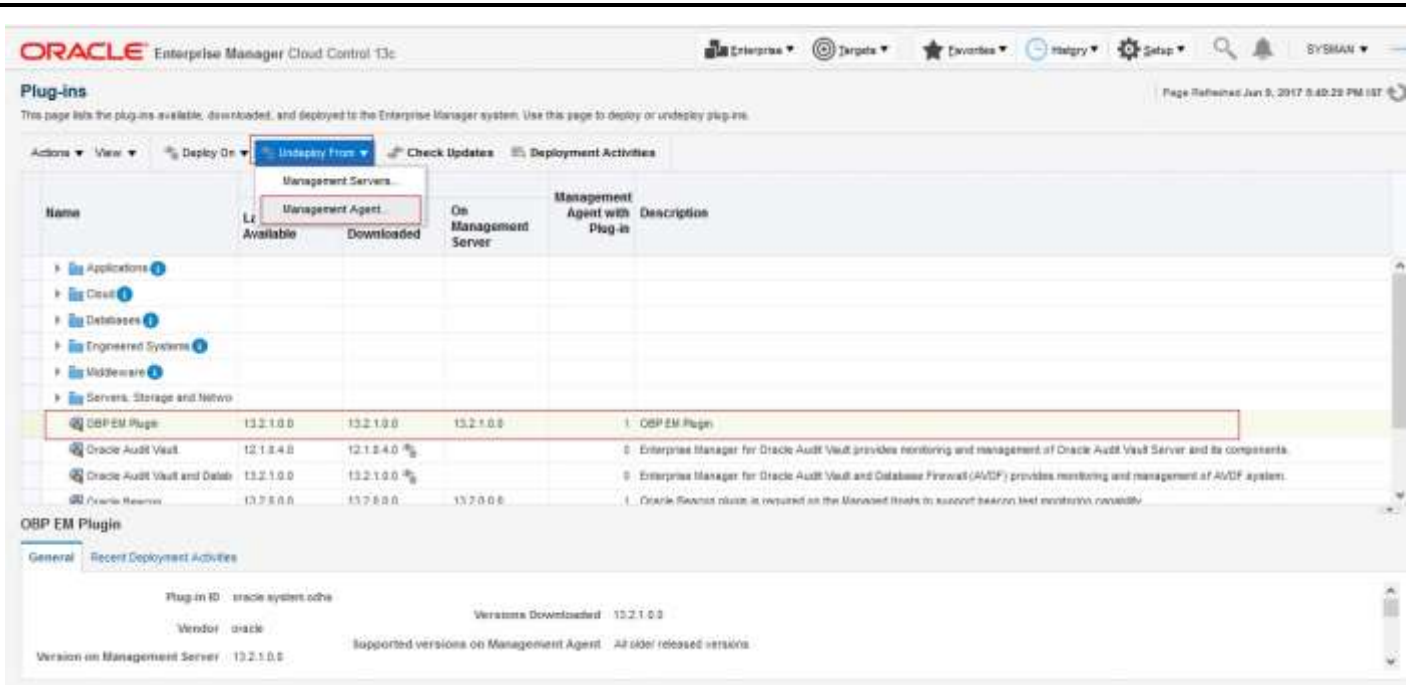
- Undeploy OBP plugin through OEM console.

In case it is unsuccessful, do it manually as follows

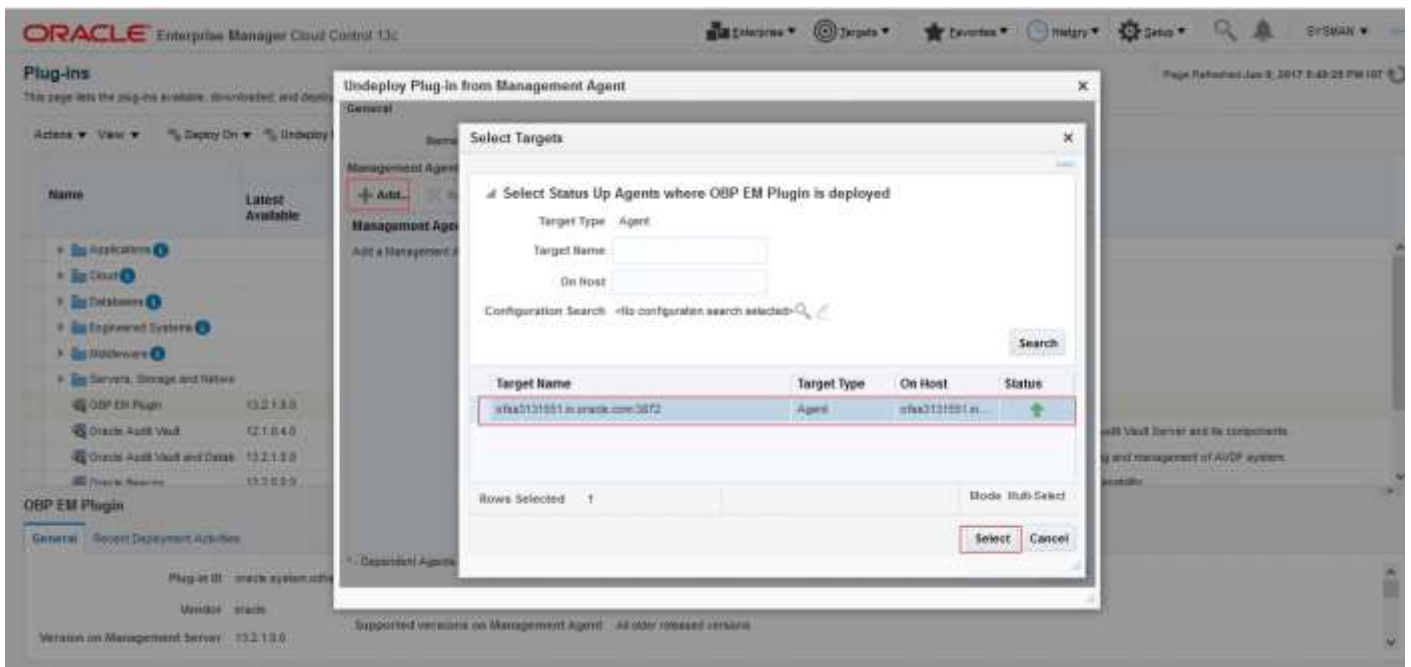
- Undeploy OBP plugin from management agent.
 - i. Login in to EM console. Click “Setup” → “Extensibility” → “Plug-ins”



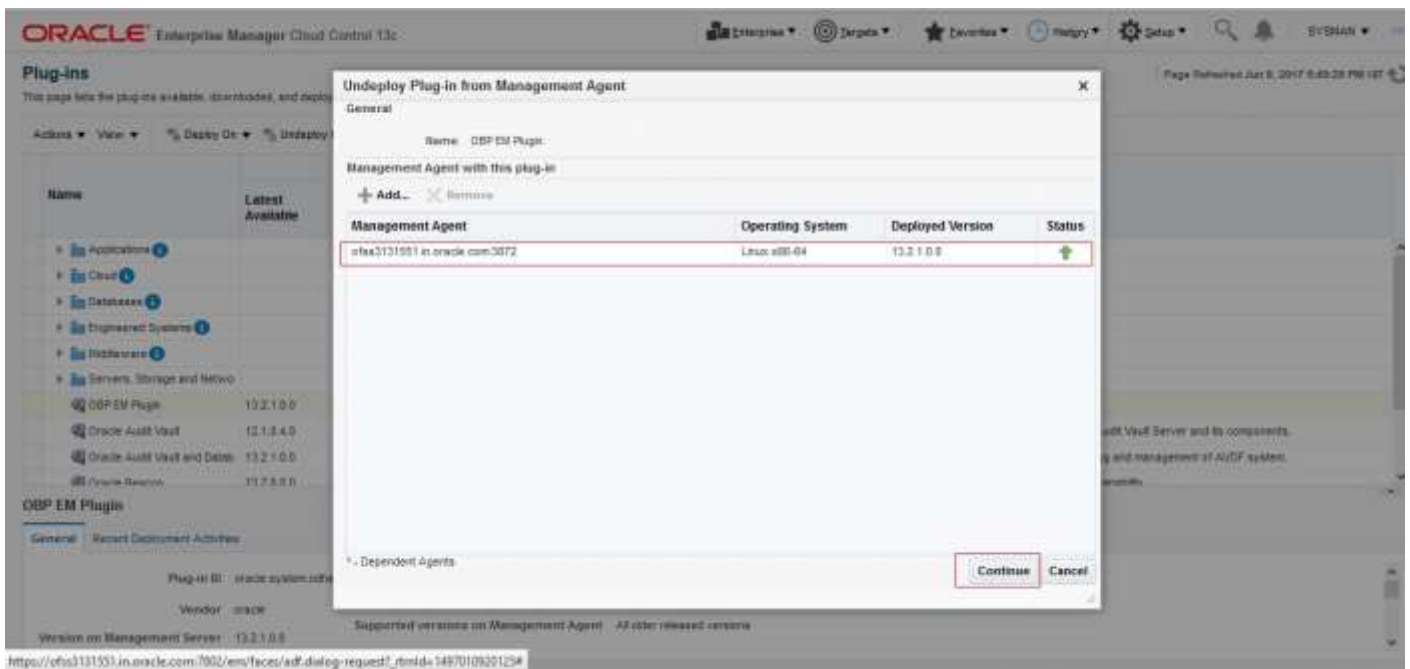
- ii. Select “OBP EM Plugin” then click “Undeploy From” → “Management Agent”



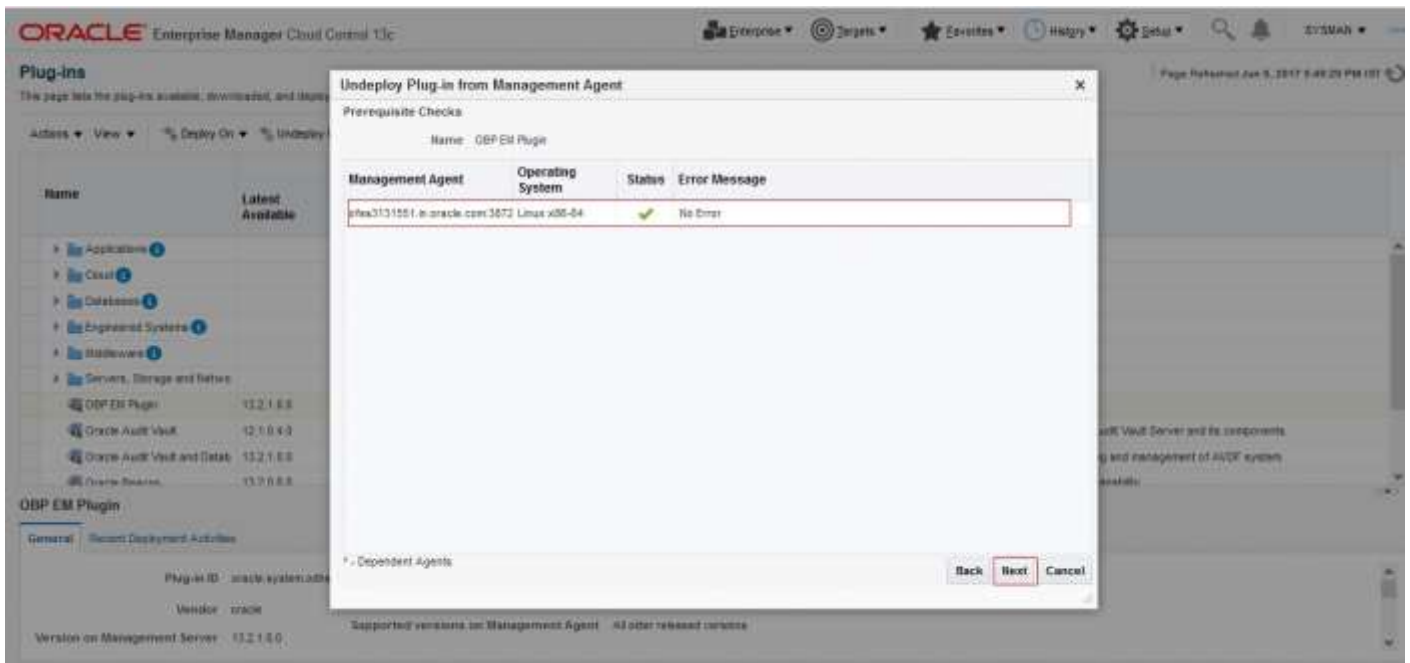
iii. Select Agent to undeploy EM plugin.



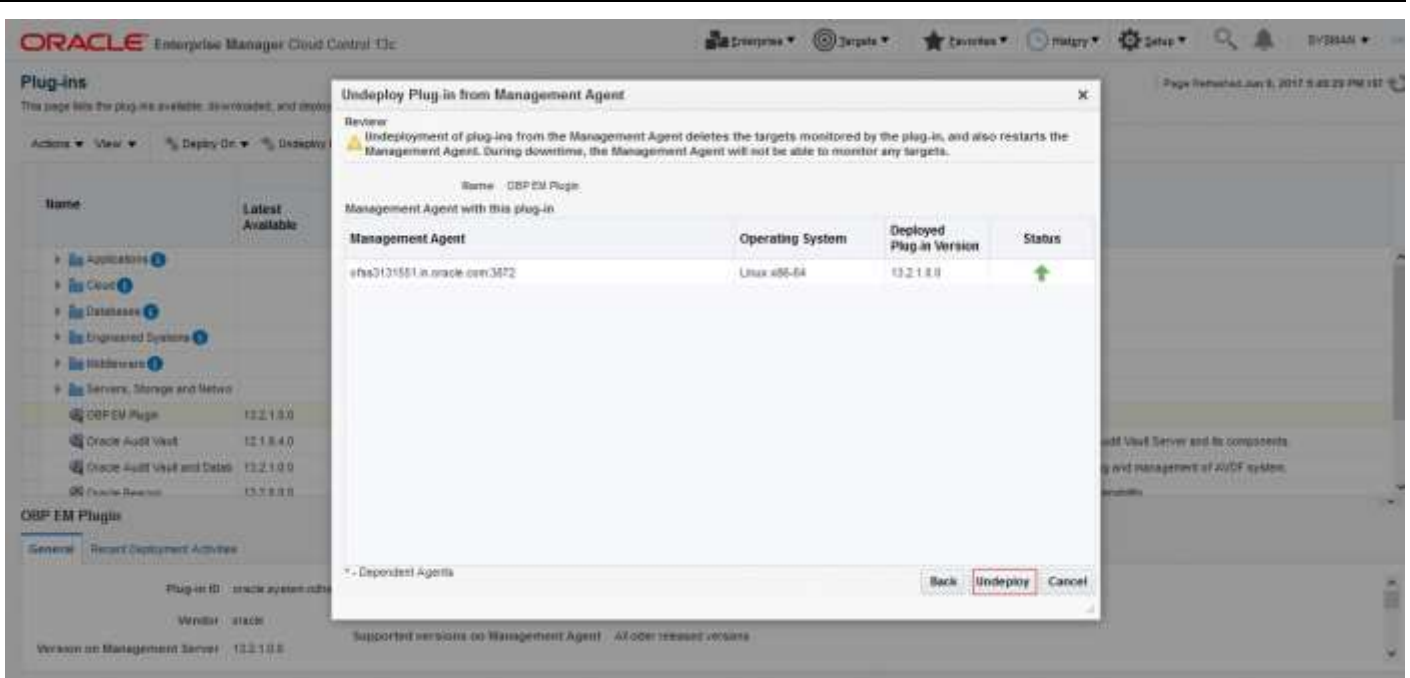
iv. After selecting agent click "Continue" to initiate undeployment process.



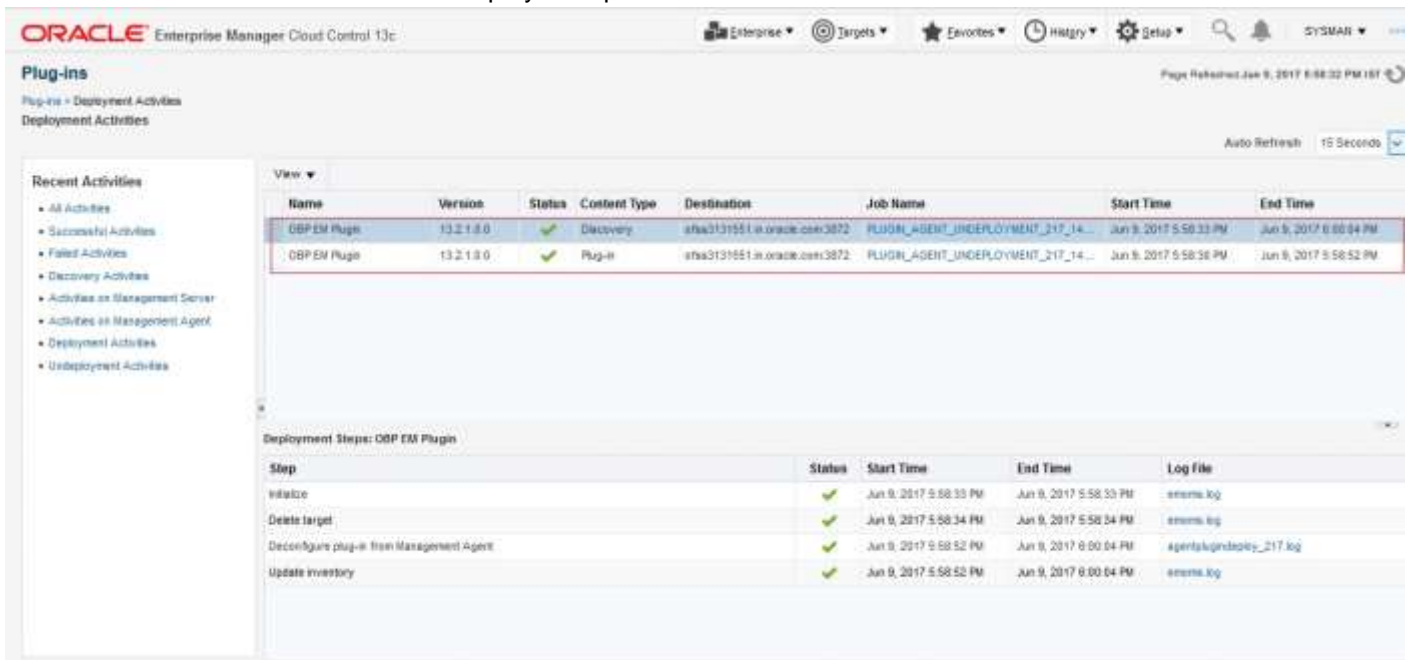
v. Click "Next".



vi. Click "Undeploy".

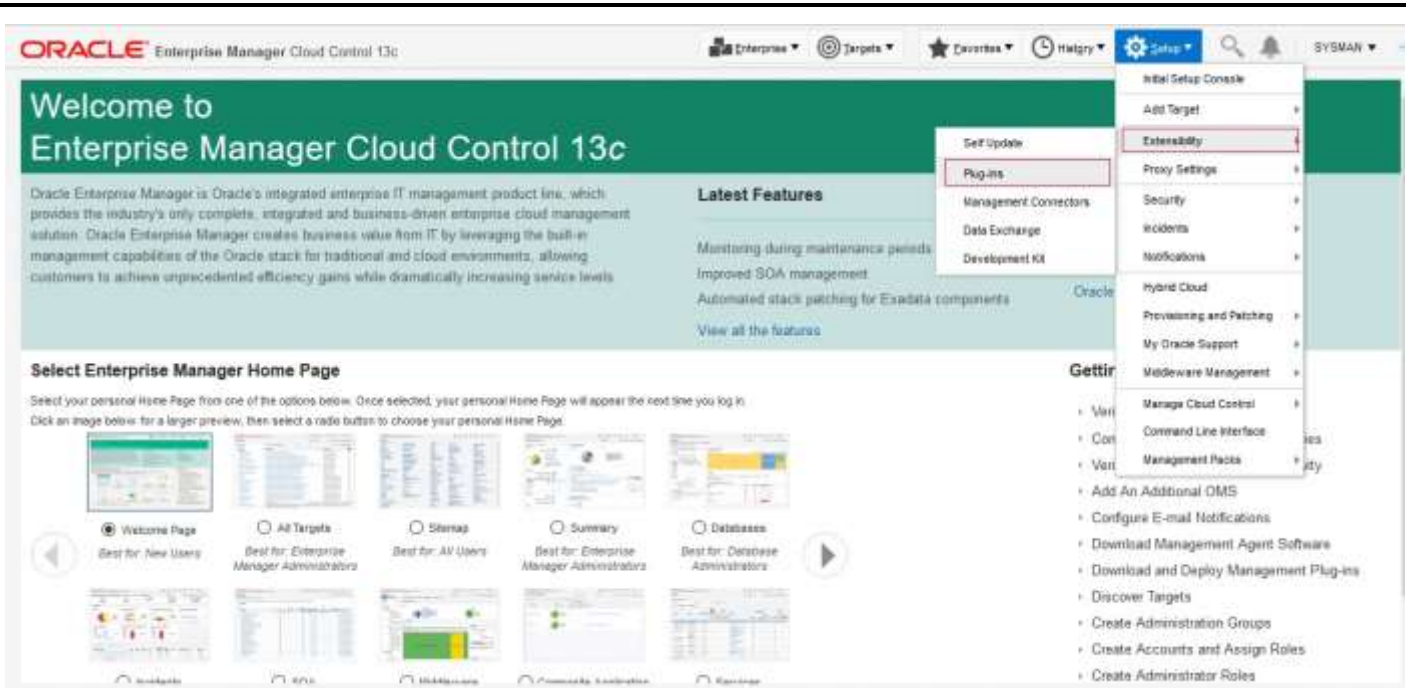


vii. Review the undeployment process.

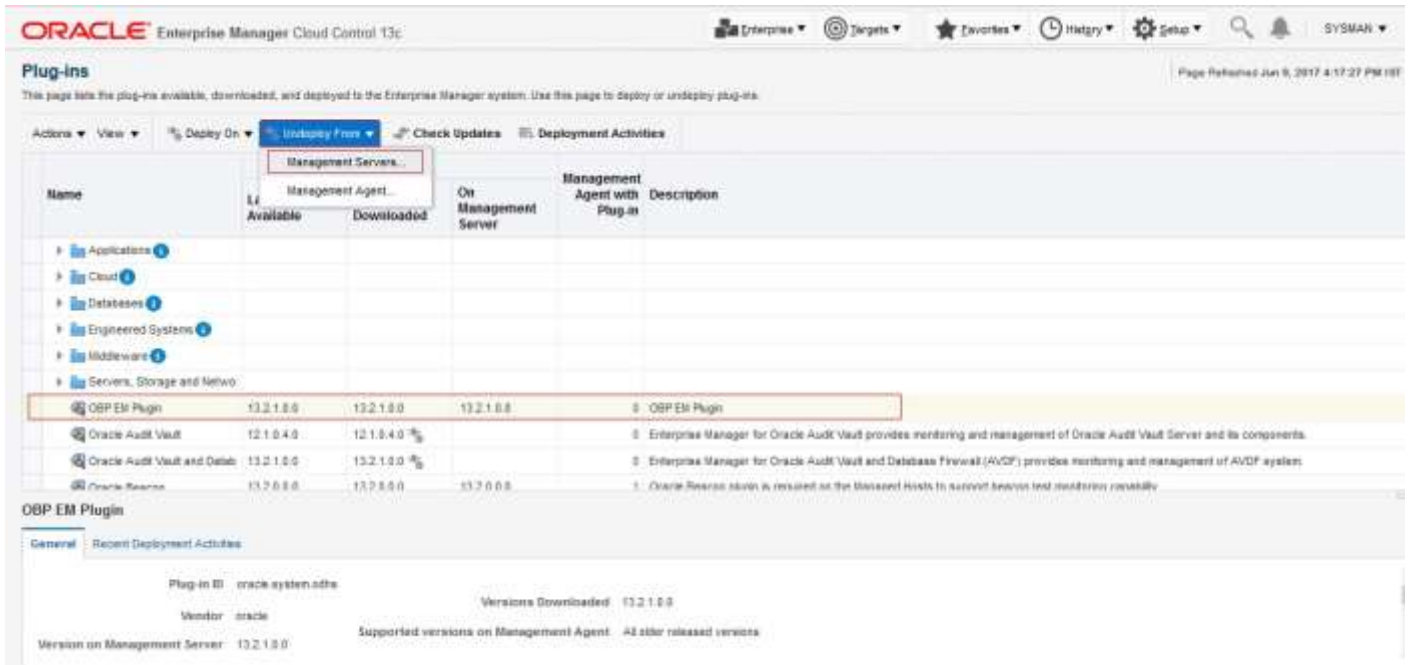


➤ Undeploy OBP plug in from Management Server.

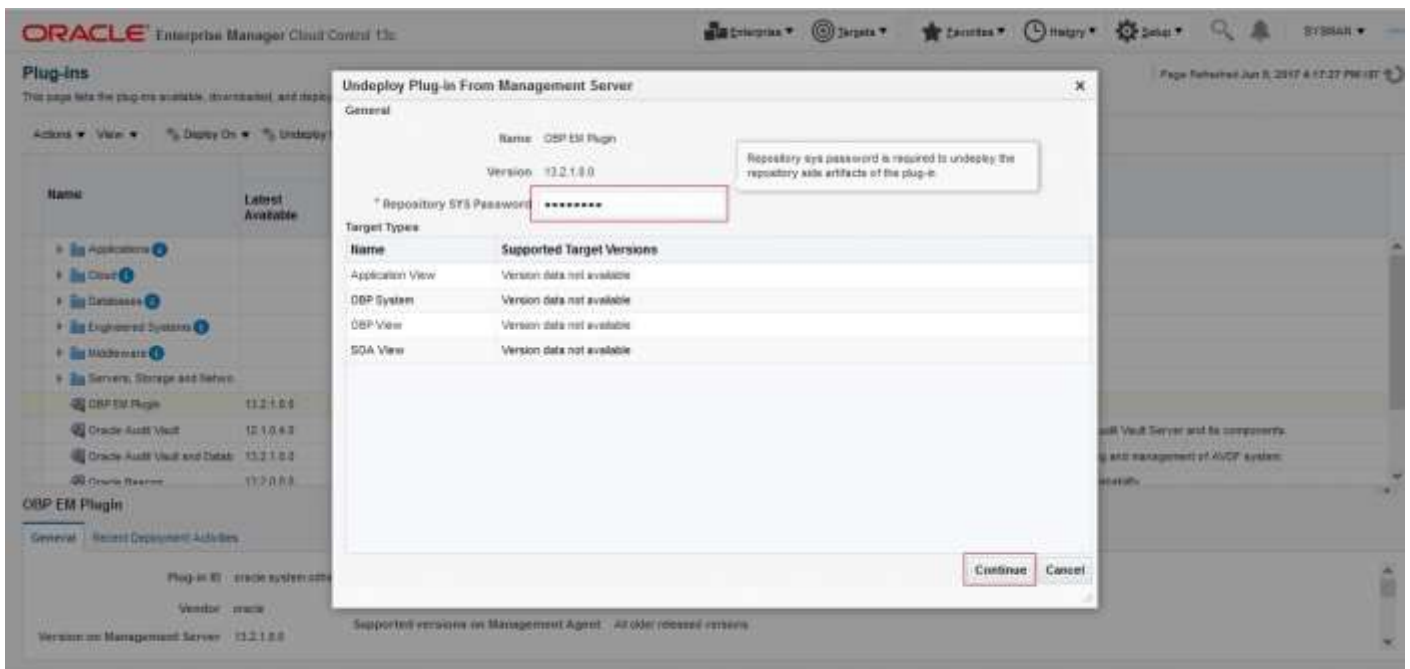
i. Login in to EM console. Click "Setup" → "Extensibility" → "Plug-ins"



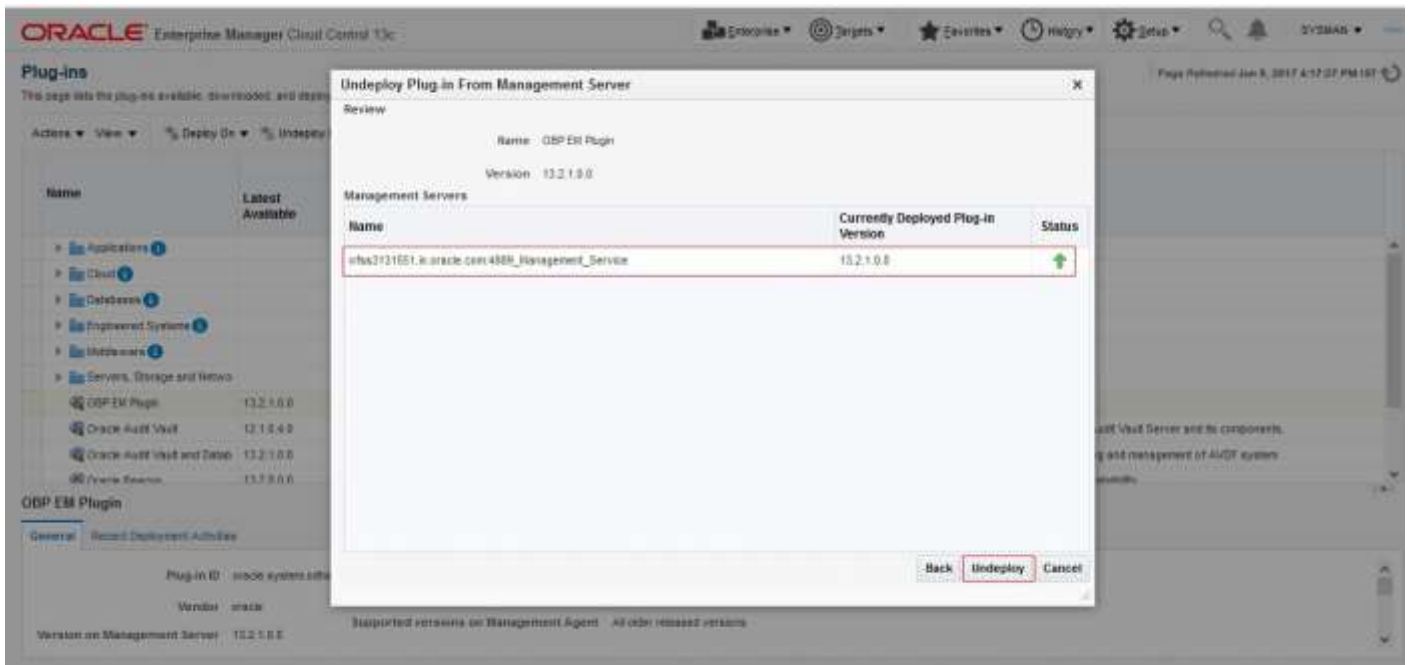
ii. Select “OBP EM Plugin” then click “Undeploy From” → “Management Servers”



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



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



v. Review the undeployment process.

ORACLE Enterprise Manager Cloud Control 13c

Plug-ins > Deployment Activities

Deployment Activities

Auto Refresh 15 Seconds

Recent Activities

- All Activities
- Successful Activities
- Failed Activities
- Discovery Activities
- Activities on Management Server
- Activities on Management Agent
- Deployment Activities
- Undeployment Activities

Name	Version	Status	Content Type	Destination	Job Name	Start Time	End Time
OBP EM Plugin	13.2.1.0.0	✓	Plug-in	ohs3131551.in.oracle.com:4882...	RUGHS_UNDEPLOYMENT_210_ORACLE...	Jun 9, 2017 4:31:12 PM	Jun 9, 2017 4:31:44 PM

Deployment Steps: OBP EM Plugin

Step	Status	Start Time	End Time	Log File
Submit job for undeployment	✓	Jun 9, 2017 4:31:12 PM	Jun 9, 2017 4:31:12 PM	emwms.rfp
Initiate	✓	Jun 9, 2017 4:31:21 PM	Jun 9, 2017 4:31:21 PM	configplugin_deconfg_2017-06-09_16-31-...
Validate plug-in home	✓	Jun 9, 2017 4:31:22 PM	Jun 9, 2017 4:31:23 PM	configplugin_deconfg_2017-06-09_16-31-...
Perform custom preconfiguration	✓	Jun 9, 2017 4:31:24 PM	Jun 9, 2017 4:31:24 PM	configplugin_deconfg_2017-06-09_16-31-...
Delete plug-in's metadata	✓	Jun 9, 2017 4:31:24 PM	Jun 9, 2017 4:31:38 PM	configplugin_deconfg_2017-06-09_16-31-...
Deconfigure plug-in from Management Repository	✓	Jun 9, 2017 4:31:38 PM	Jun 9, 2017 4:31:37 PM	actemwms_2017-06-09_16-31-17.txt
Update inventory	✓	Jun 9, 2017 4:31:38 PM	Jun 9, 2017 4:31:38 PM	configplugin_deconfg_2017-06-09_16-31-...

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"

ORACLE Enterprise Manager Cloud Control 13c

Plug-ins

This page lists the plug-ins available, downloaded, and deployed to the Enterprise Manager system. Use this page to deploy or undeploy plug-ins.

Actions View Deploy On Undeploy From **Check Updates** Deployment Activities

Name	Version		On Management Server	Management Agent with Plug-in	Description
	Latest Available	Latest Downloaded			
Applications					
Oracle Fusion Application	13.2.2.0.0	13.2.2.0.0			Enterprise Manager for Fusion Apps consists of monitoring and management for Oracle Fusion and diagnostics in fusion application area.
Oracle Siebel	13.2.1.0.0	13.2.1.0.0			Enterprise Manager for Oracle Siebel consists of monitoring and management functionalities for Oracle Siebel.
Cloud					
Databases					
Expressed Systems					
Middleware					
Servers, Storage and Networks					
OBP EM Plugin	13.2.1.0.0	13.2.1.0.0		3 OBP EM Plugin	
Oracle Audit Vault	13.1.0.4.0	13.1.0.4.0			Enterprise Manager for Oracle Audit Vault provides monitoring and management of Oracle Audit Vault Server and its components.

OBP EM Plugin

General Recent Deployment Activities

Plug-in ID: oracle.system.odbs

Vendor: oracle

Versions Downloaded: 13.2.1.0.0

Version on Management Server: None

Description: OBP EM Plugin

https://ohs3131551.in.oracle.com:7802/em/faces/core-plg-pluginDeployment?_af Page-Id:99#

- iii. Click "Plug-in".

Self Update

Oracle periodically provides new functionality and updates for existing features in Enterprise Manager. The Self Update home shows administrators to receive notifications and view, download, and apply such updates. While these updates are retrieved automatically, a manual check can be made at any time.

Status

Connection Mode: Offline
 Most Recent Refresh Time: Jun 11, 2017 9:18:03 PM EDT
 Last Successful Refresh Time: N/A

Last Download Time: Jun 9, 2017 4:50:15 PM EDT
 Last Download Type: Plug-in
 Last Apply Time: Jun 9, 2017 4:52:01 PM EDT
 Last Apply Type: Plug-in

Agent Software

Type	Available Updates	Downloaded Updates	Applied Updates	Description
Oracle Database Provisioning Profile	0	0	0	A collection of Software Components used for provisioning of Oracle Database, Clusterware and Grid Infrastructure homes.
Plug-in	0	23	0	Plug-in extends Enterprise Manager to manage newer target type as well as to bring critical functionality.
Problem Analysis	0	0	0	Problem Analysis Metadata
Provisioning Bundle	0	0	0	Provisioning bundle is a collection of deployment procedures, software library entries, and other related artifacts that cater to the provisioning and patching of various Oracle and non-Oracle products.

Past Activities: Agent Software

Actions	Status	OS Platform	Revision	Version	Administrator	Start Time	Elapsed Time(Sec)
Apply	Successful	Linux x86-64	0	13.2.0.0	SYSMAN	Apr 24, 2017 5:04:10 PM EDT	0:12

https://ofsa1313551.in.oracle.com:7802/em/aces/core-selfupdate-emConnectHome#f

iv. Enter "OBP" and click search icon.

Self Update

Self Update - Plug-in

Plug-in Updates

Search Description: OBP

Status	OS Platform	Plug-in Name	Revision	Version	Vendor	So Description
Applied	Generic Platform	Oracle Cloud Framework	0	13.2.2.0.0	ORACLE	3.1 Enterprise Manager for Cloud Framework provides the foundation services for Private Cloud management.
Applied	Generic Platform	Oracle Fusion Middleware	0	13.2.2.0.0	ORACLE	946 Enterprise Manager for Fusion Middleware consists of monitoring and management for Oracle Fusion Mi...
Applied	Generic Platform	Systems Infrastructure	0	13.2.2.0.0	ORACLE	107 Enterprise Manager Systems Infrastructure plug-in with support for datacenter hardware, OS and virtual...
Applied	Generic Platform	Oracle Database	0	13.2.2.0.0	ORACLE	1.1 Enterprise Manager for Oracle Database provides comprehensive management for Oracle Database and...
Applied	Generic Platform	Oracle Exadata	0	13.2.2.0.0	ORACLE	45 Enterprise Manager for Oracle Exadata provides comprehensive management for Oracle Exadata and rel...
Downloaded	Generic Platform	Oracle Fusion Applications	0	13.2.2.0.0	ORACLE	552 Enterprise Manager for Fusion Apps consists of monitoring and management for Oracle Fusion and diag...
Downloaded	Generic Platform	Oracle ORACLE HealthChecks	0	13.1.1.0.0	ORACLE	17 Enterprise Manager for Oracle ORACLE Health Checks provides proactive health check alerts for Engin...
Applied	Generic Platform	Oracle Beacon	0	13.2.0.0.0	ORACLE	188 Oracle Beacon plug-in is required on the Managed Hosts to support beacon test monitoring capability.
Downloaded	Generic Platform	Oracle PDA	0	13.1.0.0.0	ORACLE	74 Oracle PDA plug-in

Past Activities

Actions	Status	OS Platform	Plug-in Name	Revision	Version	Administrator	Start Time	Elapsed Time(Sec)
Apply	Successful	Generic Platform	Oracle Cloud Framework	0	13.2.2.0.0	SYSMAN	Apr 24, 2017 5:04:24 PM EDT	490.32
Download	Successful	Generic Platform	Oracle Cloud Framework	0	13.2.2.0.0	SYSMAN	Apr 24, 2017 5:12:20 PM EDT	0:11
Available	Successful	Generic Platform	Oracle Cloud Framework	0	13.2.2.0.0	SYSMAN	Apr 24, 2017 5:12:36 PM EDT	0:29

https://ofsa1313551.in.oracle.com:7802/em/aces/core-selfupdate-entity/instance?atVersion=13.2.0.1.0&atName=core_emplugIn&atDisplayName=Plug-in#f

v. Select OBP plugin then click "Action" → "Delete".

The screenshot shows the Oracle Enterprise Manager Cloud Control 13c interface. The page title is "Self Update - Plug-in Updates". A table lists the available updates:

OS Platform	Plug-in Name	Revision	Version	Vendor	Size	Description
Generic Platform	OBPFEM Plug-in	0	13.2.1.0.0	ORACLE	1.6	OBPFEM Plug-in

An "Actions" menu is open on the left, with "Delete" highlighted. Below the table, a "Past Activities" table shows a history of actions:

Actions	Status	OS Platform	Plug-in Name	Revision	Version	Administrator	Start Time	Elapsed Time(Sec)
Remove	Succeeded	Generic Platform	OBPFEM Plug-in	0	13.2.1.0.0	SYSMAN	Jun 12, 2017 10:07:23 AM IST	20.33
Apply	Succeeded	Generic Platform	OBPFEM Plug-in	0	13.2.1.0.0	SYSMAN	Jun 9, 2017 4:50:59 PM IST	61.36
Download	Succeeded	Generic Platform	OBPFEM Plug-in	0	13.2.1.0.0	SYSMAN	Jun 9, 2017 4:50:15 PM IST	0.52
Available	Succeeded	Generic Platform	OBPFEM Plug-in	0	13.2.1.0.0	SYSMAN	Jun 9, 2017 4:50:15 PM IST	1.34

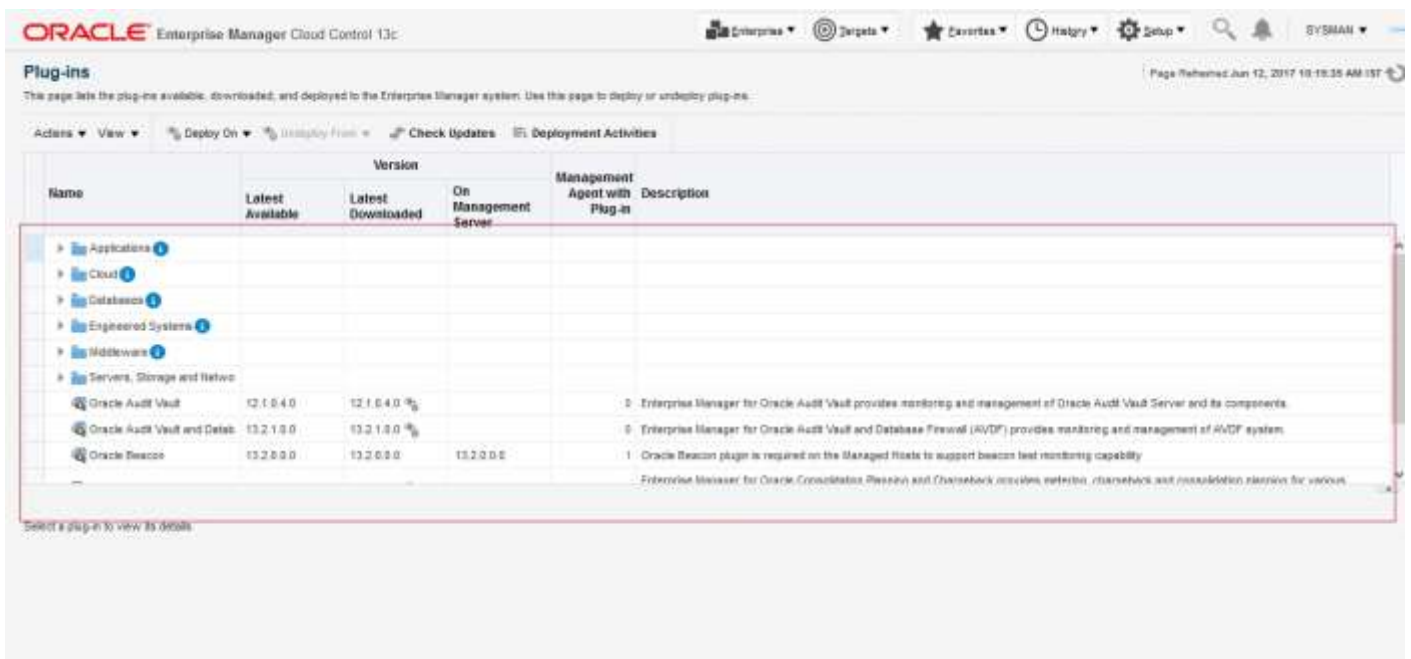
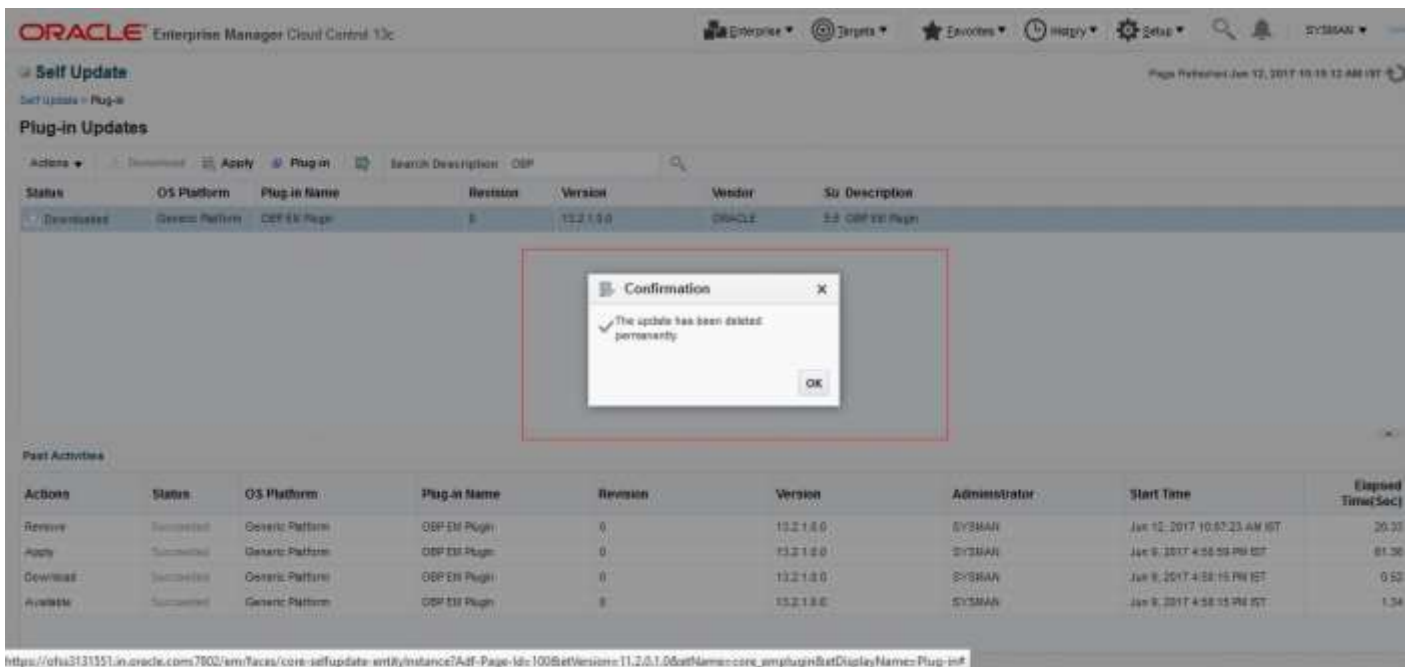
vi. Click "Delete".

The screenshot shows the same Oracle Enterprise Manager Cloud Control 13c interface. A dialog box titled "Delete Update" is open, asking for confirmation to delete the update permanently. The dialog text reads: "Delete will remove the update permanently. Do you want to delete?" with "Delete" and "Cancel" buttons.

The "Past Activities" table from the previous screenshot is visible below the dialog:

Actions	Status	OS Platform	Plug-in Name	Revision	Version	Administrator	Start Time	Elapsed Time(Sec)
Remove	Succeeded	Generic Platform	OBPFEM Plug-in	0	13.2.1.0.0	SYSMAN	Jun 12, 2017 10:07:23 AM IST	20.33
Apply	Succeeded	Generic Platform	OBPFEM Plug-in	0	13.2.1.0.0	SYSMAN	Jun 9, 2017 4:50:59 PM IST	61.36
Download	Succeeded	Generic Platform	OBPFEM Plug-in	0	13.2.1.0.0	SYSMAN	Jun 9, 2017 4:50:15 PM IST	0.52
Available	Succeeded	Generic Platform	OBPFEM Plug-in	0	13.2.1.0.0	SYSMAN	Jun 9, 2017 4:50:15 PM IST	1.34

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
```

```
ofssobp@ofss3131551:~$ ./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  
Enter OEM user : sysman  
Enter OEM Password :  
Enter OEM secure port : 7802  
Enter OEM agent port : 3872  
Enter OEM DB Password :  
Enter OBP DB Password :  
Enter OBP plugin version : 13.1.1.8.8  
Enter Environment Name : INTG25  
----- setup emcli ---  
sh /scratch/app/oem13c_rel2/bin/emcli setup -url=https://ofss3131551.in.oracle.com:7802/em -username=sysman -pass=***** -dir=/scratch/ofssobp -licans=yes -trustal  
l  
Oracle Enterprise Manager 13c Release 2,  
Copyright (c) 1996, 2016 Oracle Corporation and/or its affiliates. All rights reserved.  
Emcli setup successful  
----- deploy plugin to Agent  
sh /scratch/app/oem13c_rel2/bin/emcli deploy_plugin_on_agent -agent_names=ofss3131551.in.oracle.com:3872 -plugin=oracle.system.odhs:13.1.1.8.8  
Agent side plug-in deployment is in progress  
Use "emcli get_plugin_deployment_status -plugin=oracle.system.odhs" to track the plug-in deployment status.  
----- loop until async Agent deploy completes  
Status : Success  
Status : Success  
Plugin Agent deploy took about 60 seconds  
Sleep 60 to allow Agent to get ready (even though deployment status says success, the agent is restarting and takes time).  
----- add a target ---  
sh /scratch/app/oem13c_rel2/bin/emcli add_target -name=OBP_INTG25_VIEW -type=batch_view -host=ofss3131551.in.oracle.com -prop="UseGeneratedData:false;CPU_NUMBER:of  
ss310554.in.oracle.com;OB_MachineName:10.180.84.35;DB_Port:1521;ServiceName:NGPDEV;DB_UserName:INTG25;DB_Password:welcome1;Environment_Name:ofss310558.in.oracle.co  
m;UI_MachineName:ofss310558.in.oracle.com;SOA_MachineName:ofss3121247.in.oracle.com;OTD_MachineName:ofss310453.in.oracle.com"  
Target "OBP_INTG25_VIEW:batch_view" added successfully
```

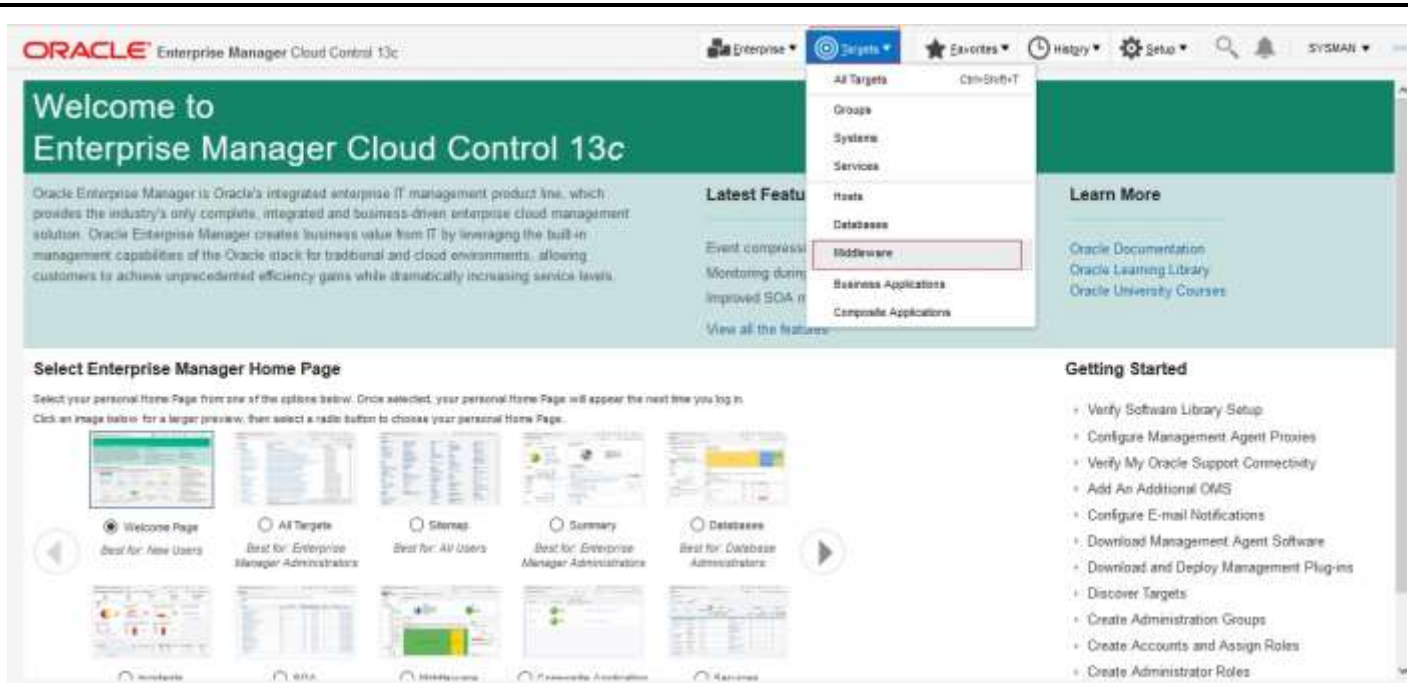
- iv. This script will prompt user to input following password.
 - i. OEM login/password
 - ii. OEM secure port
 - iii. OEM agent port
 - iv. OEM management repository sys password
 - v. OBP DB password(Readonly will work)
 - vi. OBP plug-in version
 - vii. OBP environment name

3 Create Services and Aggregate Service.

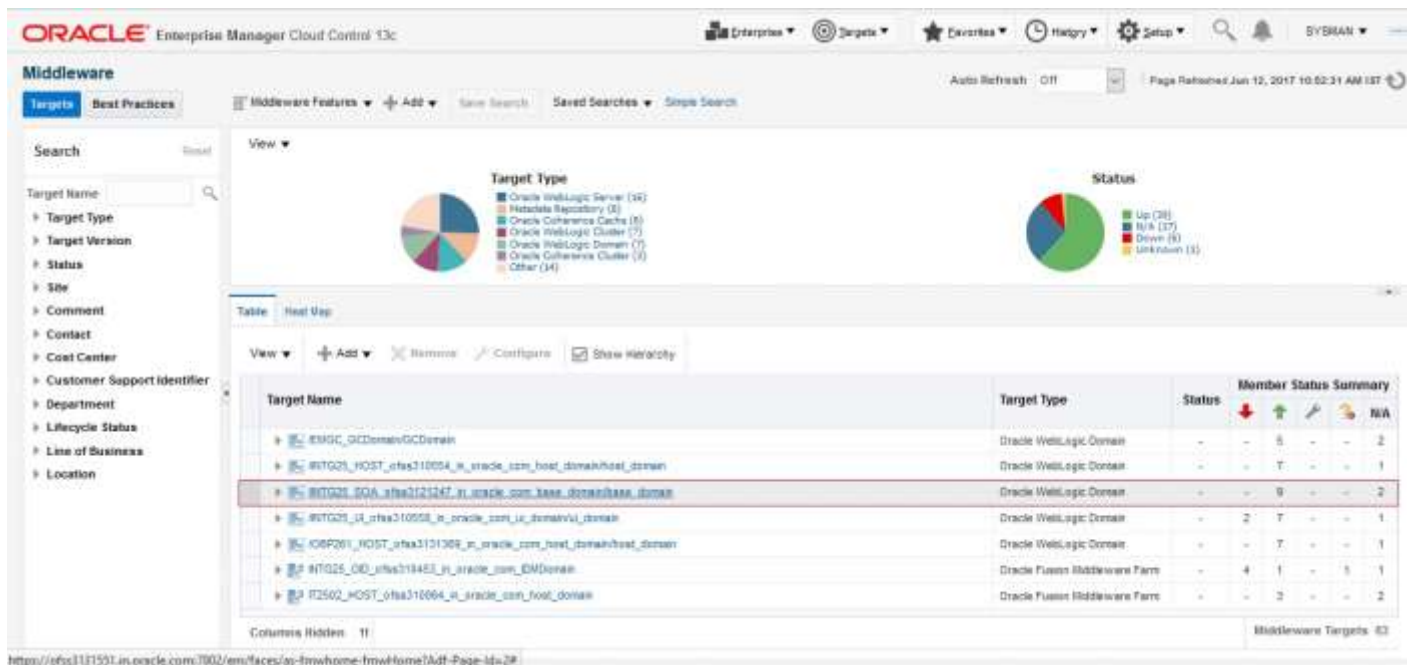
The script is for creation of monitoring view in enterprise manager. Monitoring services of all the servers of an environment (Host, Presentation, SOA, OID etc.) are created, after the successful execution of the script. The monitoring services show the performance metric for the respective servers. 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.

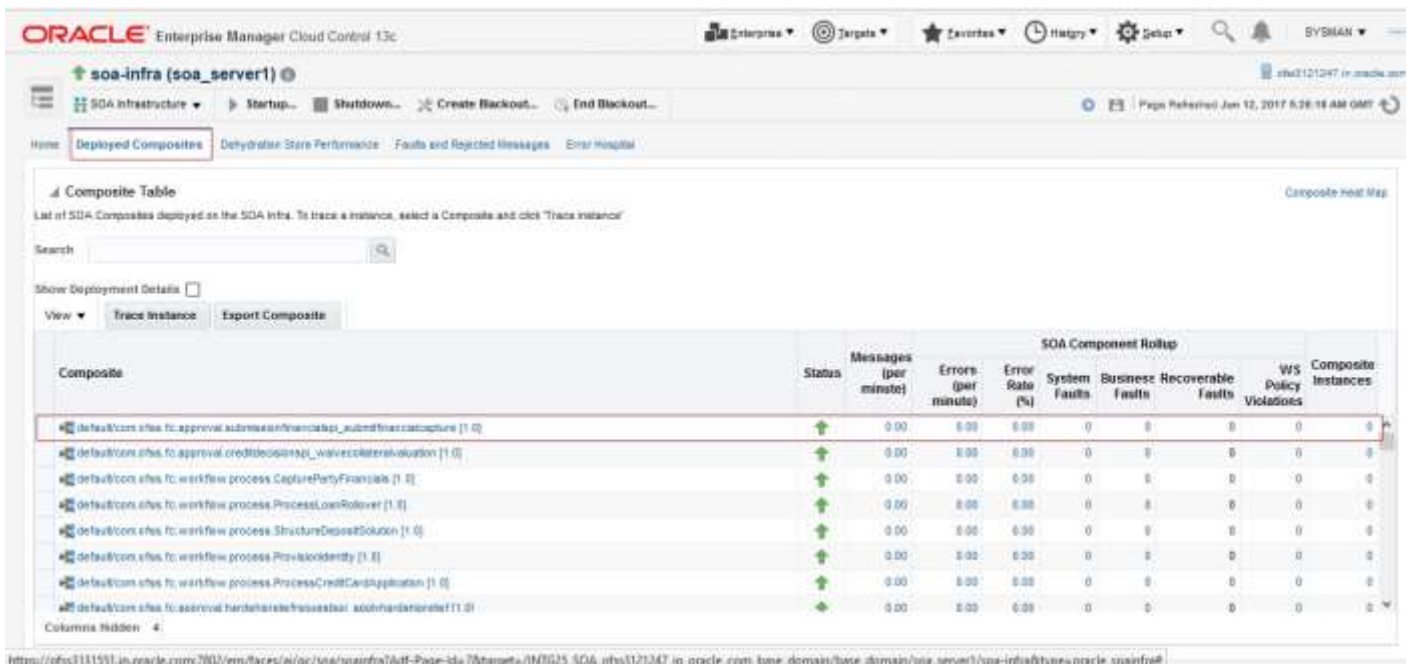
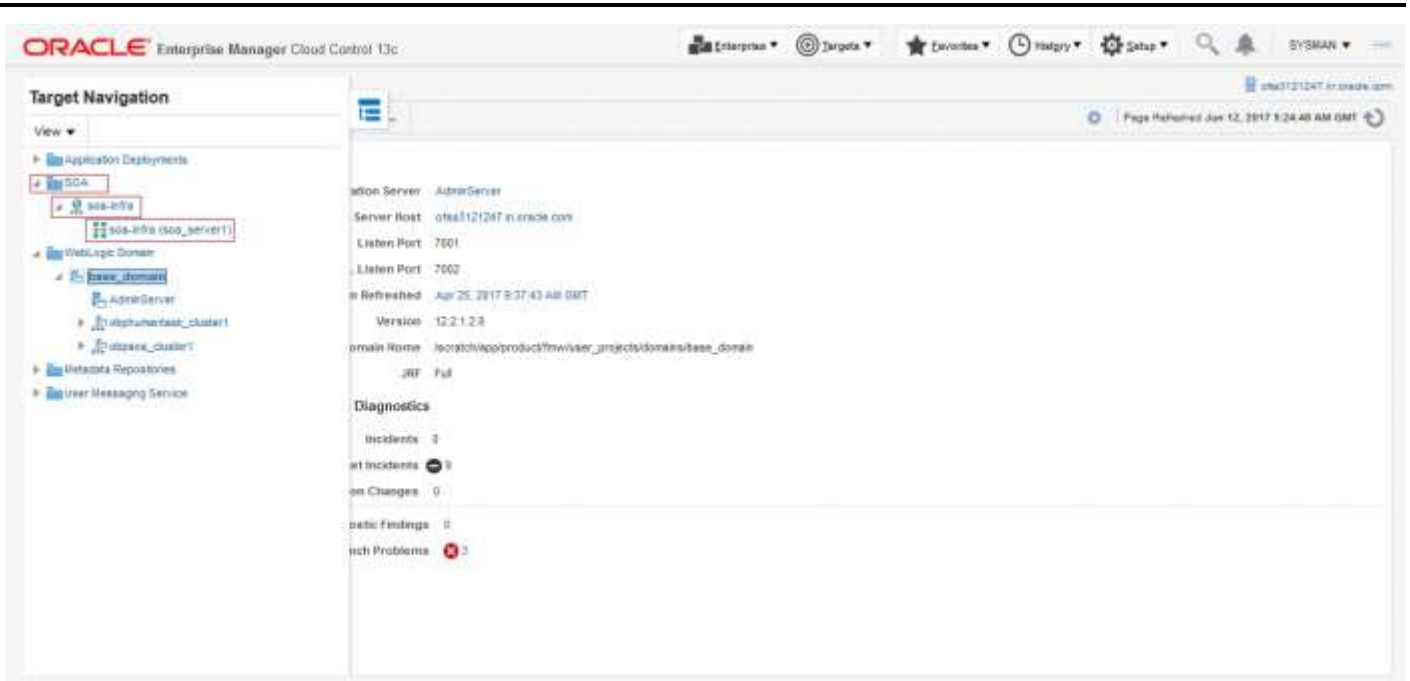
- i. Log in to EM console. Click “Targets” →”Middleware”



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:

Name	Type	Status	Availability	Service Level Agreement Status	Incidents	System	Key Components					Key Tests		
							Status	Incidents	Status	Monitoring Beacons				
OBP_INTG25_SOA_Service	Generic Service	↑	Tests	-	-	INTG25_SOA_ofss3121347_pl_oms06_oms310538... /base_domain/soa_service/1306-ctrls	N/A	0	0	0	0	0	↑	1
OBP_INTG25_HOST_Service	Generic Service	↑	Tests	-	-	INTG25_HOST_ofss310554_in_oracle_oms310538... /base_domain	N/A	0	0	0	0	0	↑	1
OBP_INTG25_OID_Service	Generic Service	↑	Tests	-	-	INTG25_OID_ofss310455_in_oracle_oms310538... /base_domain	N/A	0	0	0	0	0	↑	1
EM Cascade Service	EM Service	↑	Tests	-	-	Management Services and Repository	N/A	0	0	0	0	0	↑	1
EM Jobs Service	EM Service	↑	System	-	-	Management Services and Repository	↑	0	0	0	0	0	N/A	0
OBP_INTG25_Monitoring_Service	Generic Service	↑	System	-	-	OBP_INTG25_Monitoring_System	↑	0	0	0	0	0	N/A	0
OBP_INTG25_UI_Service	Generic Service	↑	Tests	-	-	INTG25_UI_ofss310553_in_oracle_oms310538... /base_domain	N/A	0	0	0	0	0	↑	1
OBP_INTG25_View	Aggregate Service	↑	Sub Services	-	-	N/A	↑	0	0	0	0	0	N/A	0



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.

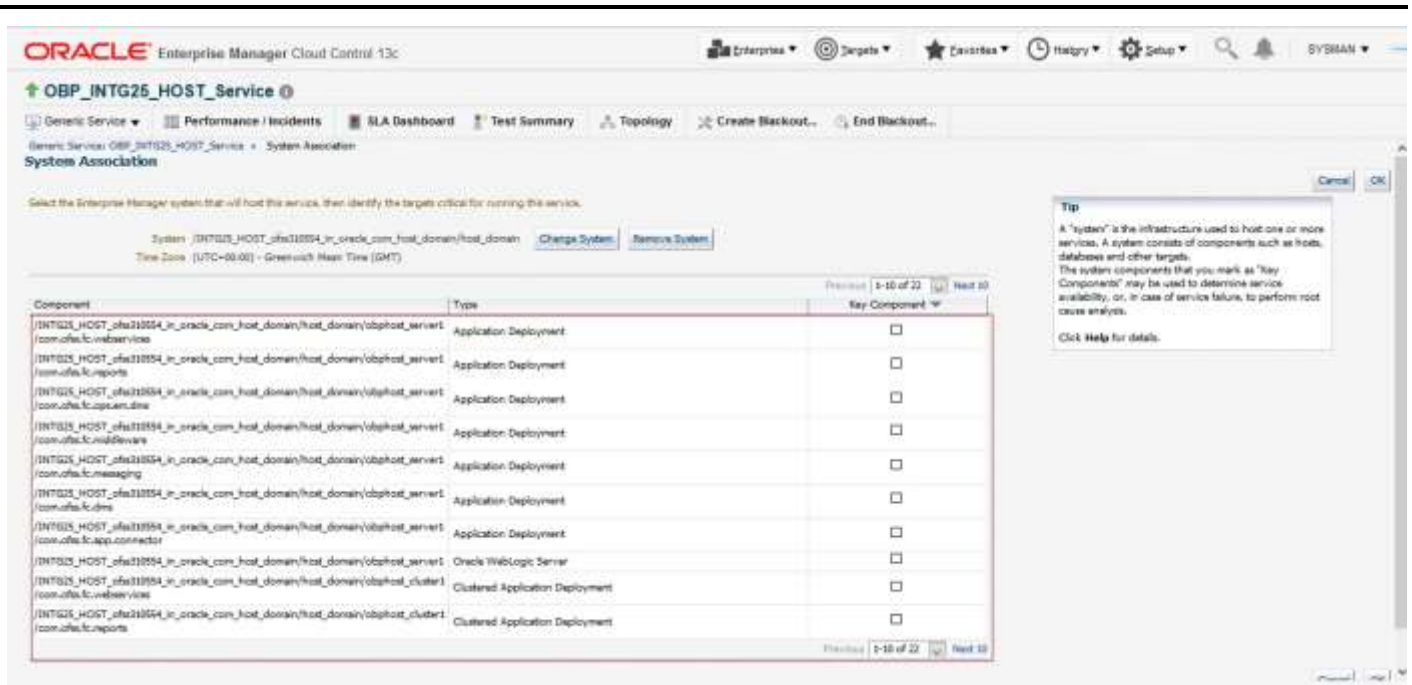
- i. Select and click on the service

Name	Type	Status	Availability	Service Level Agreement Status	Incidents		System	Key Components				Key Tests		
					Performs	Usage		Status	Incidents	Status	Monitoring Beacons			
OBP_INTG25_SOA_Service	Generic Service	↑	Tests	-	-	-	-	-	-	-	-	-	-	-
OBP_INTG25_HOST_Service	Generic Service	↑	Tests	-	-	-	-	-	-	-	-	-	-	-
OBP_INTG25_OID_Service	Generic Service	↑	Tests	-	-	-	-	-	-	-	-	-	-	-
EM Console Service	EM Service	↑	Tests	-	-	-	-	-	-	-	-	-	-	-
EM Jobs Service	EM Service	↑	System	-	-	-	-	-	-	-	-	-	-	-
OBP_INTG25_Monitoring_Service	Generic Service	↑	System	-	-	-	-	-	-	-	-	-	-	-
OBP_INTG25_UI_Service	Generic Service	↑	Tests	-	-	-	-	-	-	-	-	-	-	-
OBP_INTG25_View	Aggregate Service	↑	Self Services	-	-	-	-	-	-	-	-	-	-	-

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

Name	Type	Status	History
OBP_INTG25_HOST_Service	Gener...	↑	[Green bar]
testWeb	Web ...	↑	[Green bar]
EM Management Bea...	Beacon	↑	[Green bar]

- 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.

ORACLE WebLogic Server Administration Console 12c

Home | Log Out | Preferences | Record | Help

Welcome, weblogic | Connected for 6C28m2m

Home > Summary of Servers

Configuration | Control

A server is an instance of WebLogic Server that runs in its own Java Virtual Machine (JVM) and has its own configuration. This page summarizes each server that has been configured in the current WebLogic Server domain.

Customize this table

Servers (Filtered - More Columns Exist)

Click the Lock & Edit button in the Change Center to activate all the buttons on this page.

Name	Type	Cluster	Hostname	State	Health	Listen Port
BIP	Configured	BIP_cluster	EMGC_MACHINE1	RUNNING	OK	8761
EMGC_ADHNGSERVER	Configured		EMGC_MACHINE1	RUNNING	OK	7001
EMGC_OMSI	Configured		EMGC_MACHINE1	RUNNING	OK	7301

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

ORACLE WebLogic Server Administration Console 12c

Home | Log Out | Preferences | Record | Help

Welcome, weblogic | Connected for 6C28m2m

Home > Summary of Deployments

Control | Monitoring

This page displays a list of Java EE applications and stand-alone application modules that have been installed to this domain. Installed applications and modules can be started, stopped, updated (redeployed), or deleted from the domain by first selecting the application name and using the controls on this page.

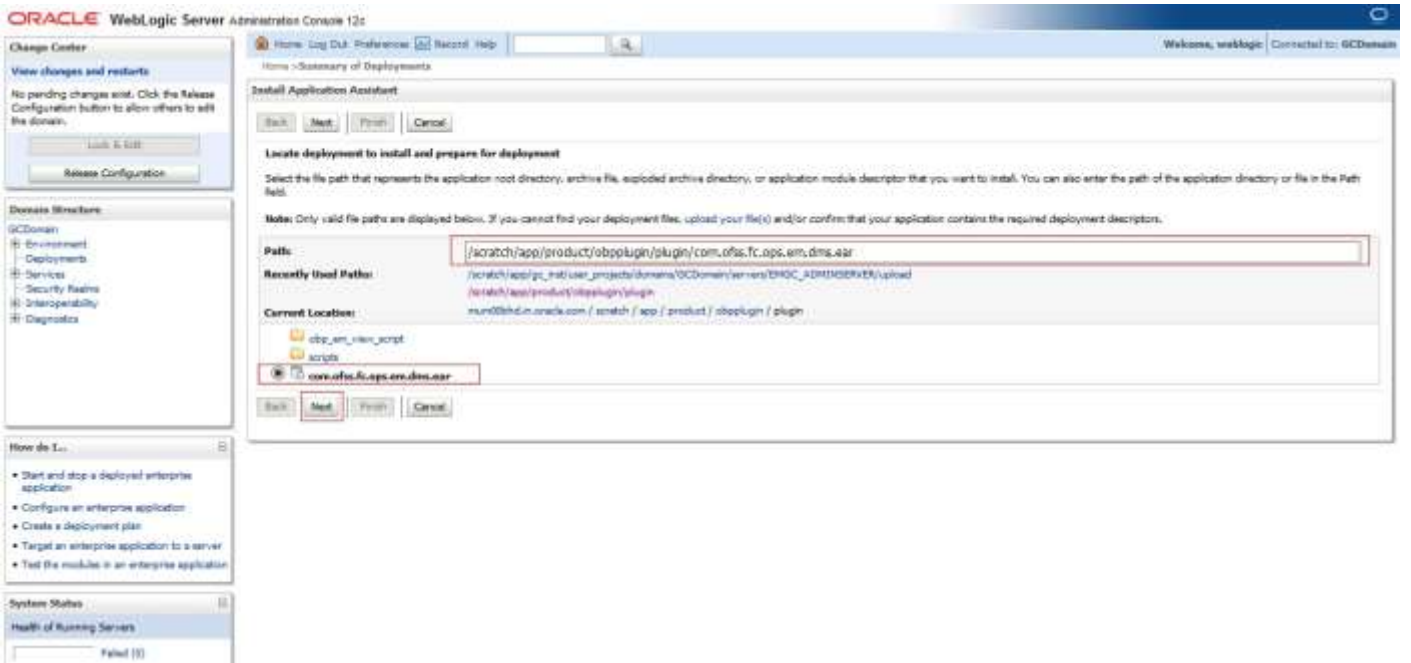
To install a new application or module for deployment to targets in this domain, click the Install button.

Customize this table

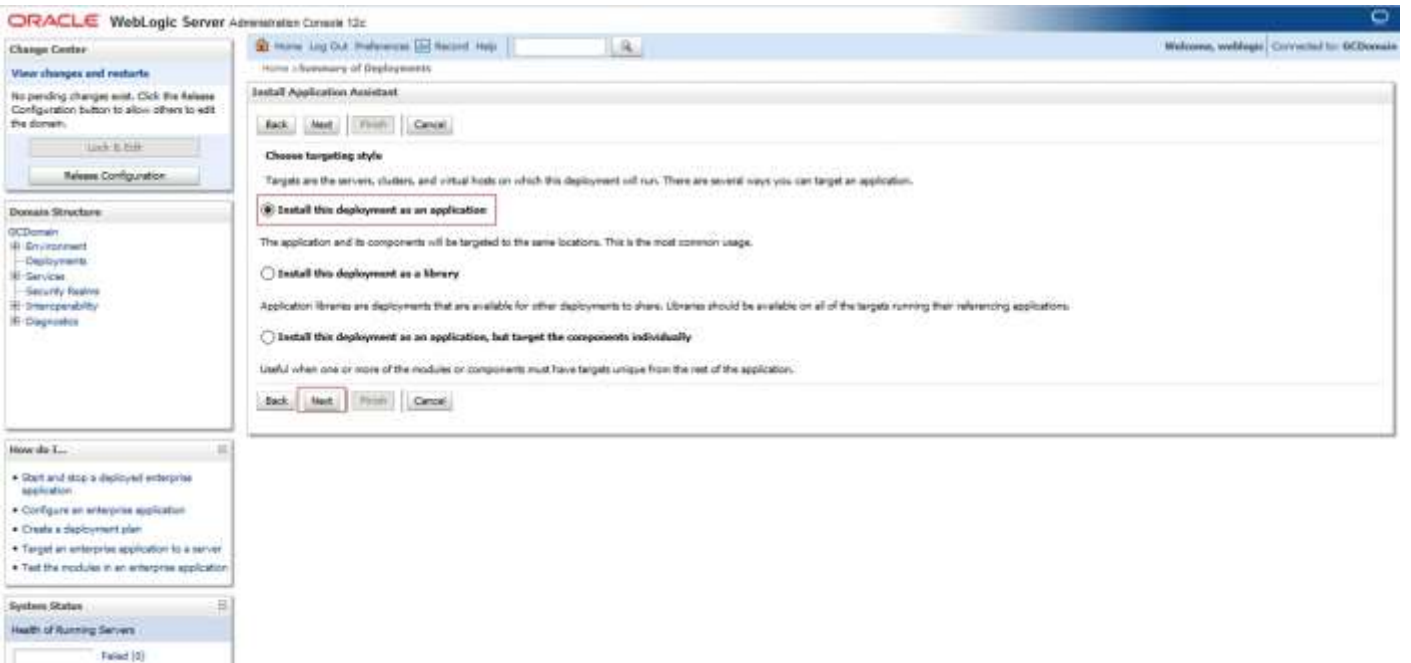
Deployments

Name	State	Health	Type	Targets	Deployment Order
@_adf.oracle.businesscenter(1.0.12.1.3.0.0)	Active		Library	BIP_cluster, EMGC_ADHNGSERVER, EMGC_OMSI	100
@_adf.oracle.domain(1.0.12.1.3.0.0)	Active		Library	BIP_cluster, EMGC_ADHNGSERVER, EMGC_OMSI	100
@_adf.oracle.domain.webapp(1.0.12.1.3.0.0)	Active		Library	BIP_cluster, EMGC_ADHNGSERVER, EMGC_OMSI	100
@_aem-3.1(13.2.0.0.3.1)	Active		Library	EMGC_OMSI	100
@_bjdoc(11.1.1)	Active		Library	BIP_cluster	100
@_bprshard-@brans(11.1.1)	Active		Library	BIP_cluster	100
@_mj_boutcher(11.1.1)	Active	OK	Enterprise Application	BIP_cluster	110
@_reference-transaction-ear	Active	OK	Resource Adapter	BIP_cluster, EMGC_ADHNGSERVER, EMGC_OMSI	100
@_commons-math3-1.2(13.1.1)	Active		Library	EMGC_OMSI	100
@_fReaderClassPath	Active		Library	EMGC_OMSI	100

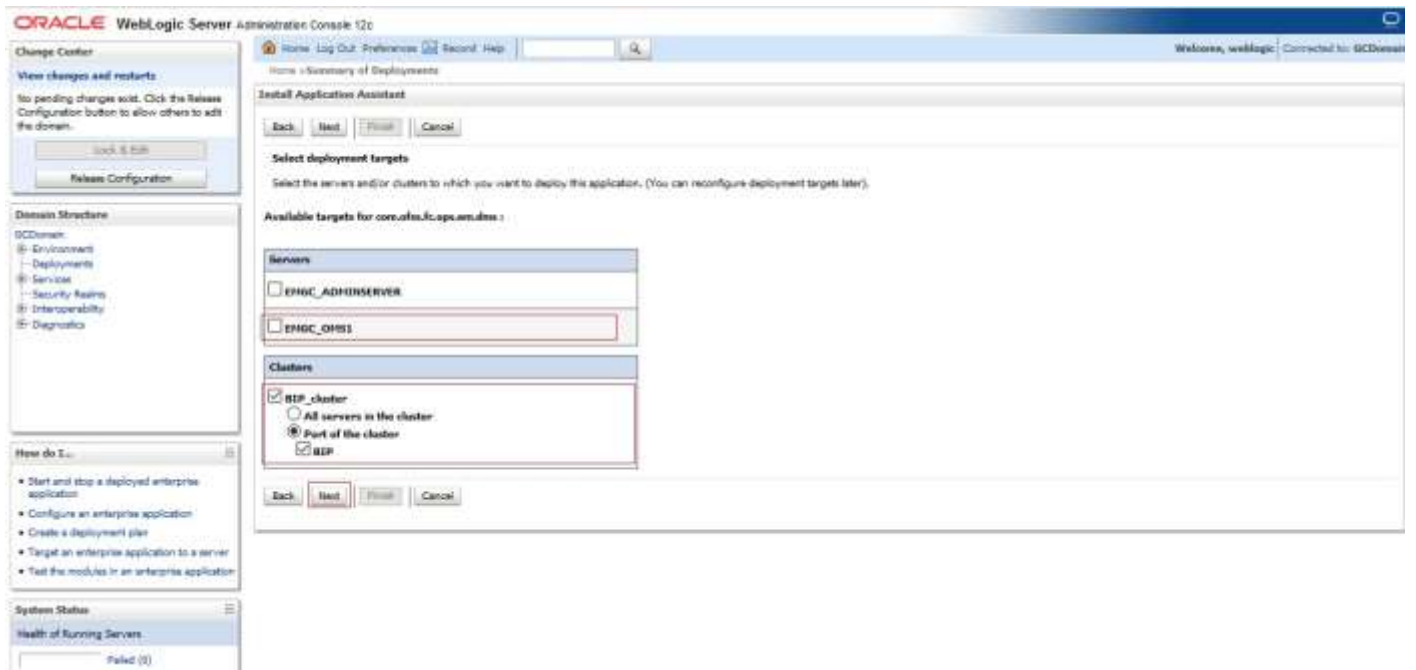
v. Click on install button. Select com.ofss.fc.ops.em.dms.ear located in PLUGIN_HOME (/scratch/app/product/obppugin) and click “Next” button.



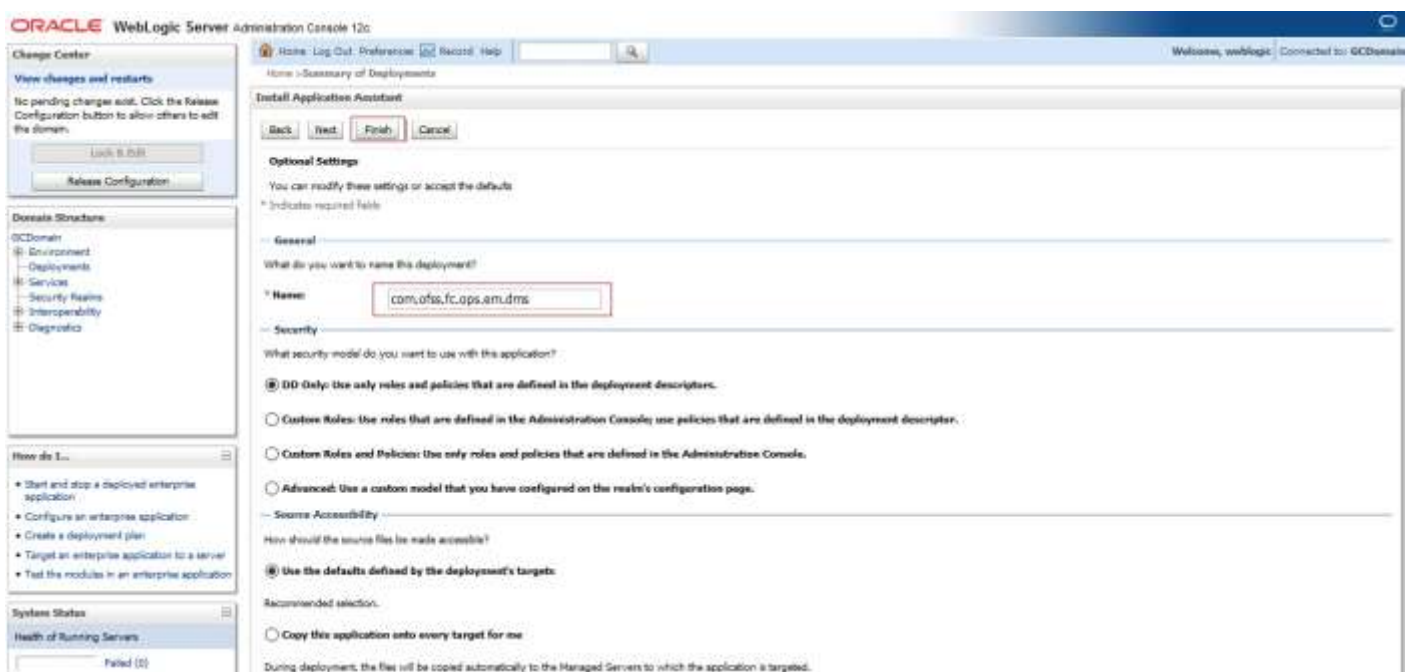
- vi. Select option “Install this deployment as an application” and click on “Next” button.



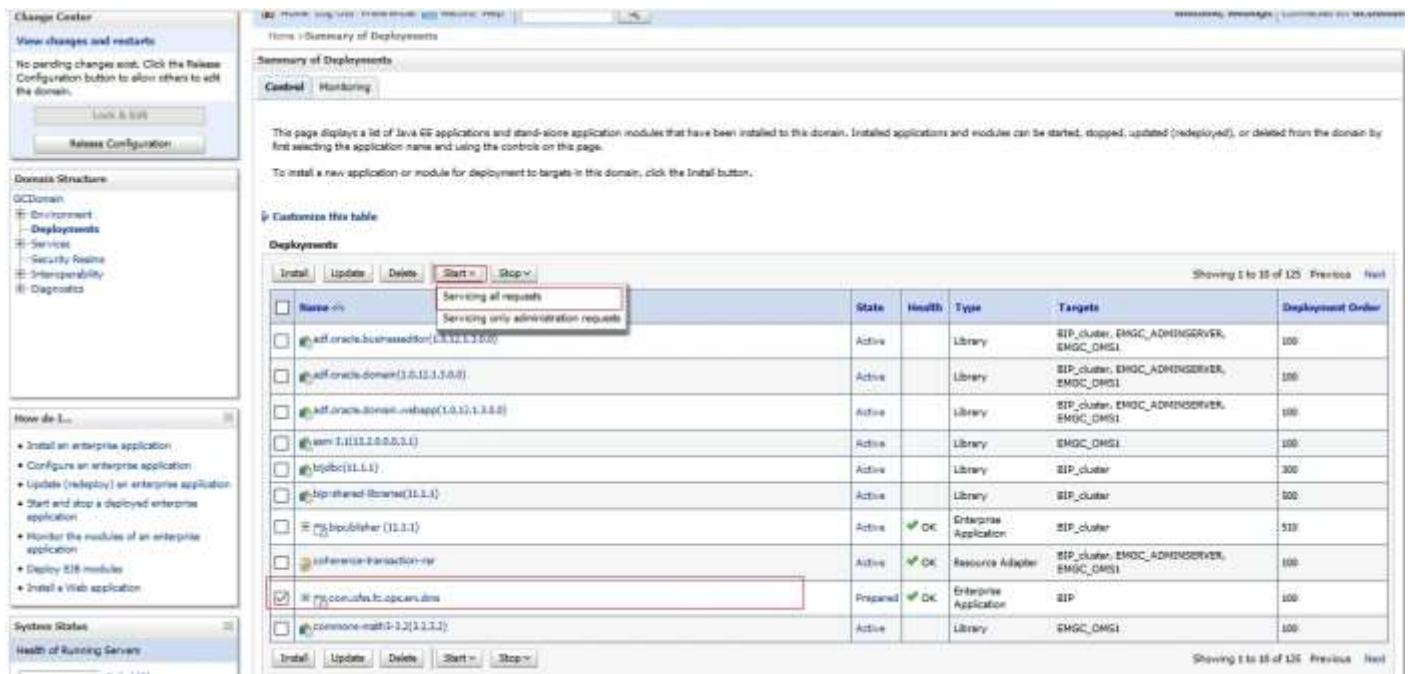
- vii. Select EMGC_OMS1 or BIP server as target and click on “Next” button.



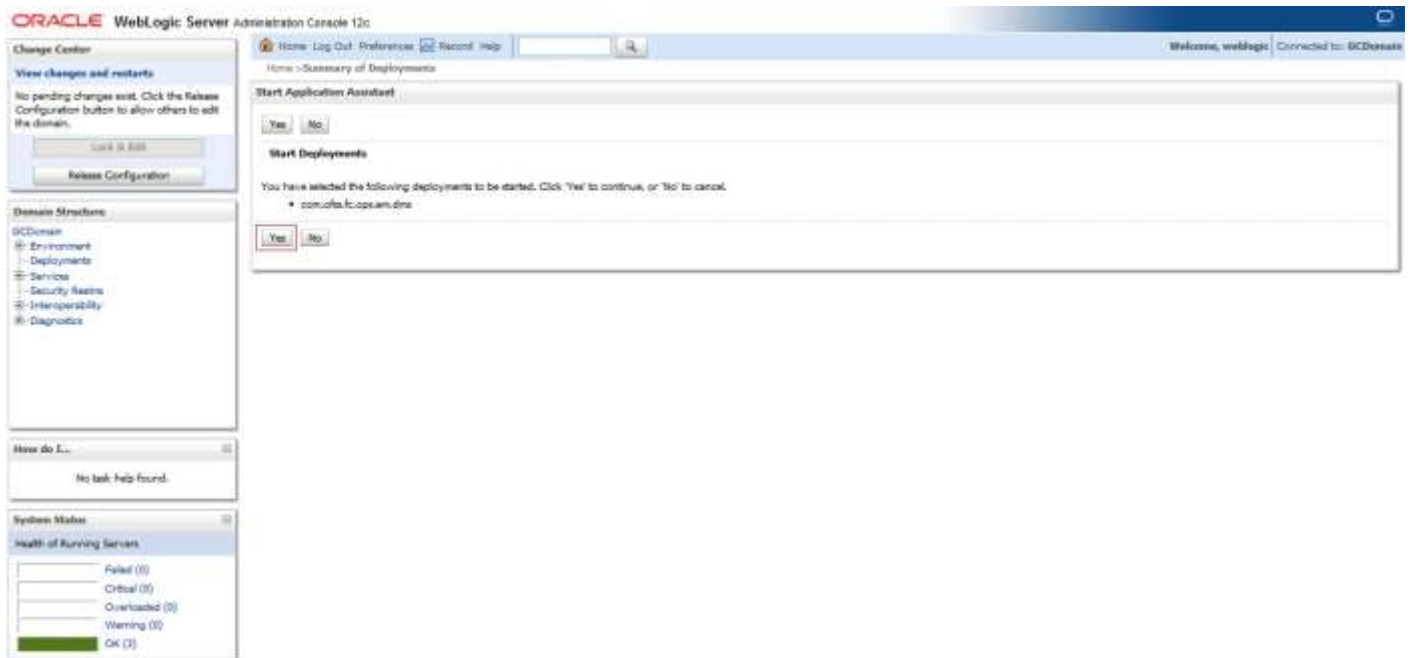
viii. Enter name as “com.ofss.fc.ops.em.dms” and click on “Finish” button.



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.

No pending changes exist. Click the Release Configuration button to allow others to edit the domain.

Control Monitoring

This page displays a list of Java EE applications and stand-alone application modules that have been installed to the domain. Installed applications and modules can be started, stopped, updated (redeployed), or deleted from the domain by first selecting the application name and using the controls on this page.

To install a new application or module for deployment to targets in this domain, click the Install button.

Customize this table

Deployments

Name	State	Health	Type	Targets	Deployment Order
adf-crack-businesstor(1.0.12.1.3.0.0)	Active		Library	EIP_cluster, EMGC_ADMINSERVER, EMGC_DMS1	100
adf-crack-domain(1.0.12.1.3.0.0)	Active		Library	EIP_cluster, EMGC_ADMINSERVER, EMGC_DMS1	100
adf-crack-domain-wsapp(1.0.12.1.3.0.0)	Active		Library	EIP_cluster, EMGC_ADMINSERVER, EMGC_DMS1	100
am-1.0(1.0.0.0.0.1.1)	Active		Library	EMGC_DMS1	100
hpbol(11.1.1)	Active		Library	EIP_cluster	300
isp-shared-libraries(11.1.1)	Active		Library	EIP_cluster	500
my-bpcolshar(11.1.1)	Active	OK	Enterprise Application	EIP_cluster	110
coherence-transaction-rar	Active	OK	Resource Adapter	EIP_cluster, EMGC_ADMINSERVER, EMGC_DMS1	100
com.ofss.fc.ops.em.dms	Active	OK	Enterprise Application	EIP	100
comware-math(1.2.3.1.1.2)	Active		Library	EMGC_DMS1	100

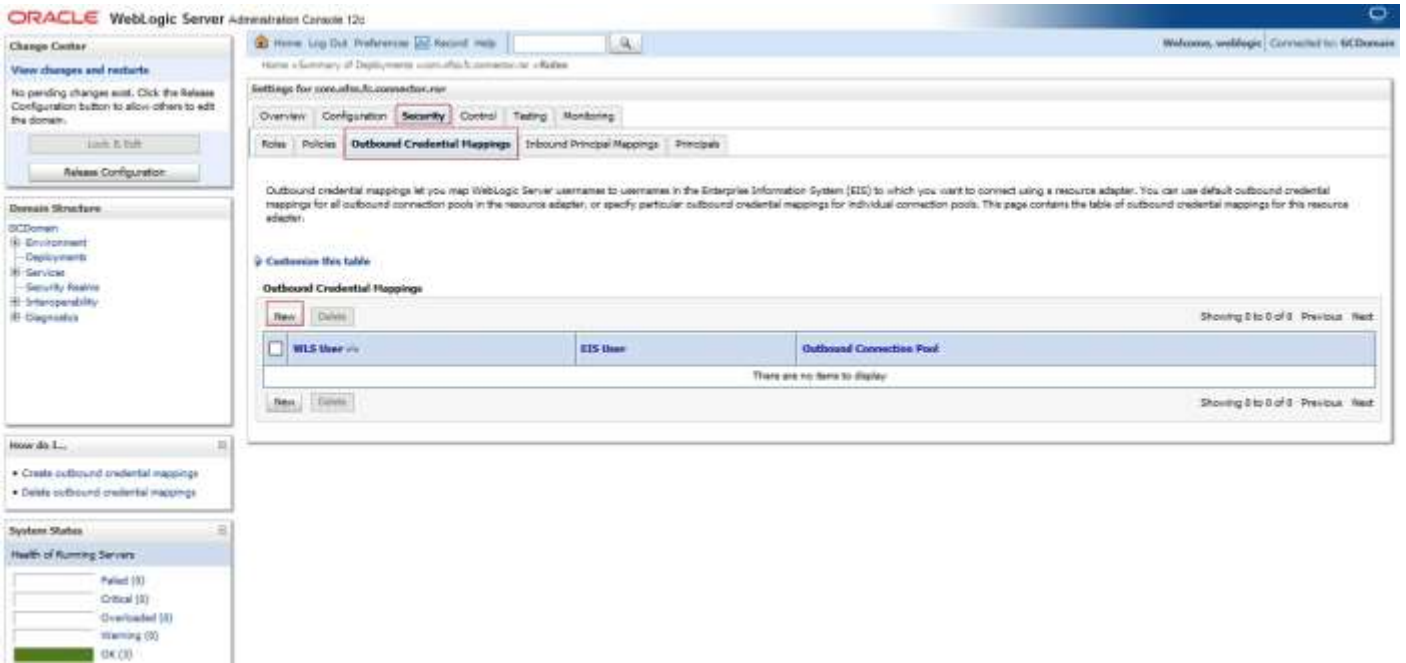
xii. Expand com.ofss.fc.ops.em.dms.ear and click com.ofss.fc.connector.rar.

Customize this table

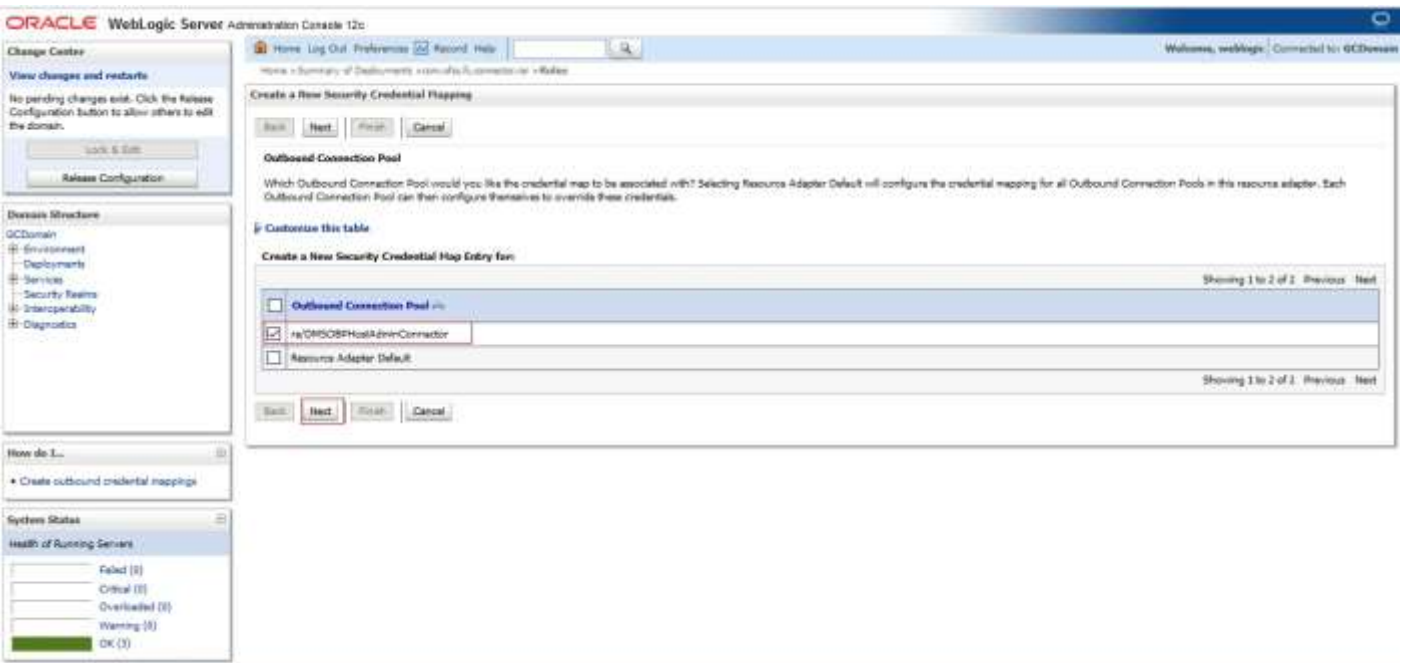
Deployments

Name	State	Health	Type	Targets	Deployment Order
adf-crack-businesstor(1.0.12.1.3.0.0)	Active		Library	EIP_cluster, EMGC_ADMINSERVER, EMGC_DMS1	100
adf-crack-domain(1.0.12.1.3.0.0)	Active		Library	EIP_cluster, EMGC_ADMINSERVER, EMGC_DMS1	100
adf-crack-domain-wsapp(1.0.12.1.3.0.0)	Active		Library	EIP_cluster, EMGC_ADMINSERVER, EMGC_DMS1	100
am-1.0(1.0.0.0.0.1.1)	Active		Library	EMGC_DMS1	100
hpbol(11.1.1)	Active		Library	EIP_cluster	300
isp-shared-libraries(11.1.1)	Active		Library	EIP_cluster	500
my-bpcolshar(11.1.1)	Active	OK	Enterprise Application	EIP_cluster	110
coherence-transaction-rar	Active	OK	Resource Adapter	EIP_cluster, EMGC_ADMINSERVER, EMGC_DMS1	100
com.ofss.fc.ops.em.dms	Active	OK	Enterprise Application	EIP	100
Modules					
com.ofss.fc.connector.rar			Resource Adapter		
com.ofss.fc.em.dms			Web Application		
Resources					
None to deploy					
Web Services					
AggrCMSInquiryService			Web Service		
comware-math(1.2.3.1.1.2)	Active		Library	EMGC_DMS1	100

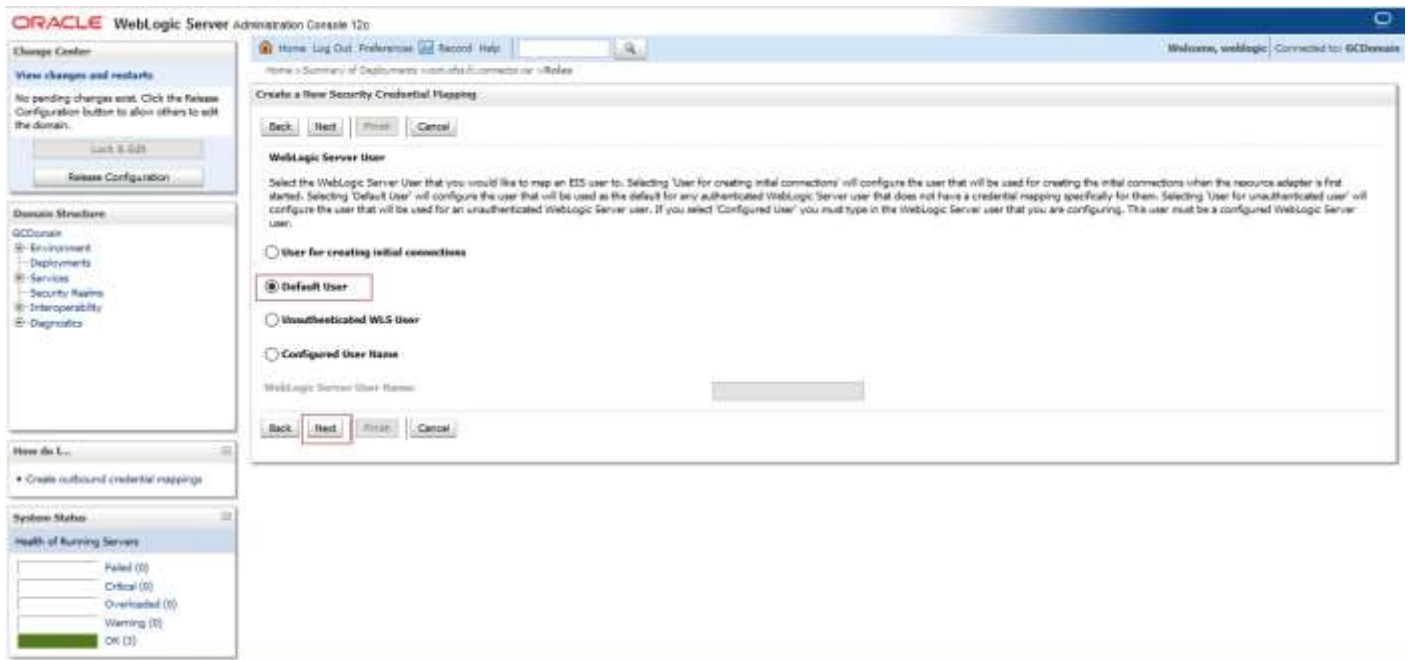
xiii. Click on "security" → "Credential Mapping". Then click "New".



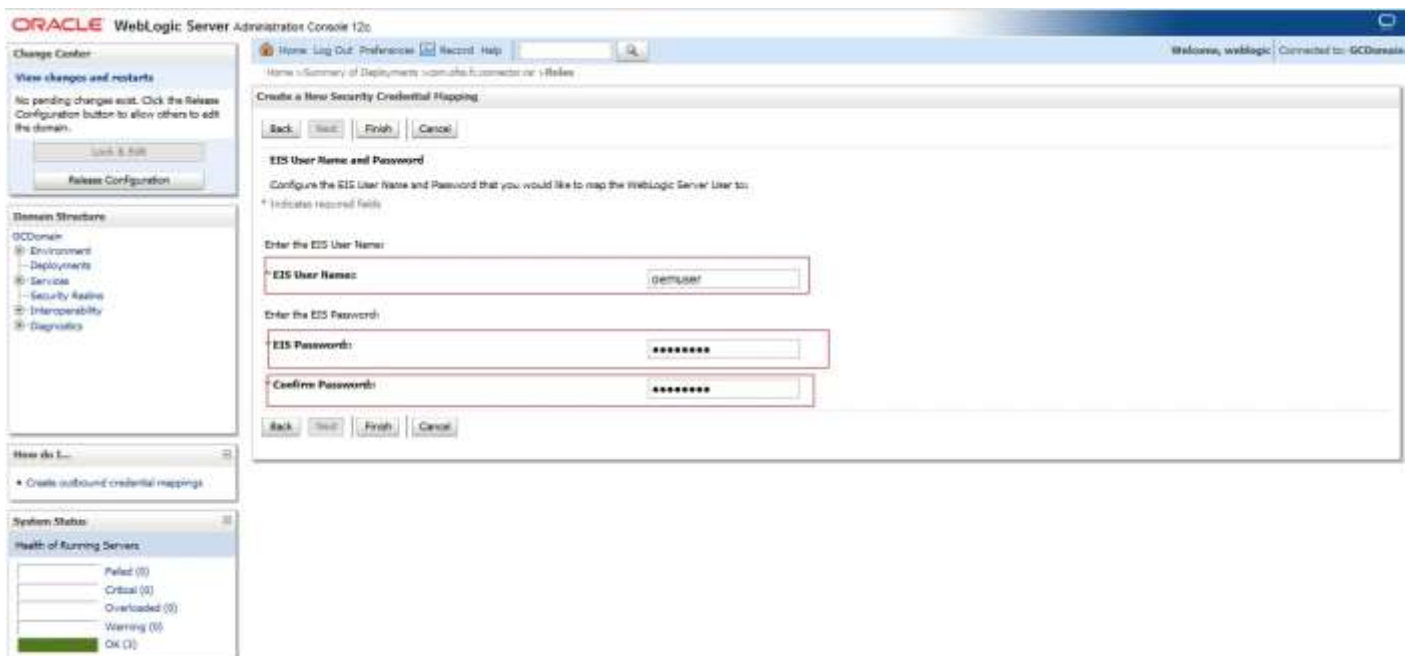
xiv. Check option for “ra/OBPDMSConnector” and Click “Next”.



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_UPDAT
ED_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.SSXF AM'),'ofssuser',to_timestamp('16-OCT-15 07.13.22.000000000
PM','DD-MON-RR HH.MI.SSXF 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_UPDAT
ED_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.SSXF AM'),'ofssuser',to_timestamp('16-OCT-15 07.13.22.000000000
PM','DD-MON-RR HH.MI.SSXF 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_UPDAT
ED_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.SSXF AM'),'ofssuser',to_timestamp('16-OCT-15 07.13.22.000000000 PM','DD-MON-RR HH.MI.SSXF 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_UPDAT
ED_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.SSXF AM'),'ofssuser',to_timestamp('16-OCT-15 07.13.22.000000000 PM','DD-MON-RR HH.MI.SSXF 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.SSXF AM'),'ofssuser',to_timestamp('16-OCT-15 07.13.22.000000000 PM','DD-MON-RR HH.MI.SSXF 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.SSXF AM'),'ofssuser',to_timestamp('16-OCT-15 07.13.22.000000000 PM','DD-MON-RR HH.MI.SSXF 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.SSXF AM'),'ofssuser',to_timestamp('16-OCT-15 07.13.22.000000000 PM','DD-MON-RR HH.MI.SSXF 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');