Oracle® Banking Enterprise Originations

Management Pack Setup Guide Release 2.12.0.0.0 **F42013-01**

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Oracle Banking Enterprise Originations Management Pack Setup Guide, Release 2.12.0.0.0

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Preface

The Management Pack Setup Guide provides the steps to set up the Oracle Banking management pack.

This document consists of details on how to add OEM agents on participating Hosts and Databases and to deploy the OBP EM plugin. It covers procedures to create aggregate services and deploy standalone web service war on OEM Weblogic domain. It also provides details on how to create and deploy SEED data to run the OBP plugin.

This preface contains the following topics:

- Audience
- Documentation Accessibility
- Organization of the Guide
- Related Documents
- Conventions

Audience

This guide is intended for users who want to monitor servers using Oracle Enterprise Manager (EM).

Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc.

Access to Oracle Support

Oracle customers that have purchased support have access to electronic support through My Oracle Support. For information, visit http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info or visit http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs if you are hearing impaired.

Organization of the Guide

This document contains:

Chapter 1 About This Guide

This chapter provides details about the applicability of this guide.

Chapter 2 Add OEM Agents on Participating Hosts and Databases

This chapter provides steps to add OEM agents on participating host and databases.

Chapter 3 Deploy OBP EM plugin

This chapter details the procedure to deploy OBP EM plugin.

Chapter 4 Create Services and Aggregate Service

This chapter provides steps on how to create services and aggregate services. It has the script for creation of monitoring view in enterprise manager.

Chapter 5 Deploy Standalone Web Service War on OEM Weblogic Domain

This chapter contains the steps to deploy standalone web service war on OEM Weblogic domain.

Chapter 6 Create and Deploy SEED Data to Run OBP Plugin

This chapter provides steps on how to create and deploy seed data to run the OBP plugin.

Related Documents

For more information, see the following documentation:

- For installation and configuration information, see the Oracle Banking Enterprise Originations Localization Installation Guide - Silent Installation guide.
- For the complete list of licensed products and the third-party licenses included with the license, see the Oracle Banking Enterprise Originations Licensing Guide.
- For information related to setting up a bank or a branch, and other operational and administrative functions, see the Oracle Banking Enterprise Originations Administrator Guide.
- For information related to customization and extension, see the Oracle Banking Enterprise Originations Extensibility Guides for HOST, SOA, and UI.
- For a comprehensive overview of security, see the Oracle Banking Enterprise Originations Security Guide.
- For recommendations of secure usage of extensible components, see the Oracle Banking Enterprise Originations Secure Development Guide.

Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
italic	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

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1 About This Guide

This guide is applicable for the following products:

- Oracle Banking Platform
- Oracle Banking Enterprise Originations
- Oracle Banking Enterprise Default Management
- Oracle Banking Loans Servicing
- Oracle Banking Deposits and Lines of Credit Servicing

References to Oracle Banking Platform or OBP in this guide apply to all the above mentioned products. The chapters and sections that are not applicable for any of the products are listed in this chapter.

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2 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.

2.1 Add Target as Target Type "Host"

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

Figure 2–1 Adding Target

ORACLE Enterprise Manager Cloud Control 13c	Enterprise V	Iargets • 🔺 🕒 •	🔅 - 🔍 🌲 🛛 s	YSMAN 🔻
		Configure Auto Discovery	Initial Setup Console	•
Enterprise Manager Cloud Control	13 <i>c</i>	Auto Discovery Results	Extensibility	•
Oracle Enterprise Manager is Oracle's integrated enterprise IT management product line, which provides the industry's only complete, integrated and business-driven	Latest Features	Add Targets Manually	Proxy Settings	•
enterprise cloud management solution. Oracle Enterprise Manager creates business value from IT by leveraging the built-in management capabilities of the Oracle stack for traditional and cloud environments, allowing customers to achieve unprecedented	Event compression for better event ma Fine-grained database management a	Group Dynamic Group Administration Groups	Security Incidents Notifications	• •
efficiency gains while dramatically increasing service levels.	Single console for WebLogic domain an View all the features	Generic System Redundancy System	Hybrid Cloud Provisioning and Patching	•
Select Enterprise Manager Home Page	My Oracle Support	Þ		
Select your personal Home Page from one of the options below. Once selected, your personal Home Page Click an image below for a larger preview, then select a radio button to choose your personal Home Page.	will appear the next time you log in.	 Verify St Configur Verify M > Add An , 	Middleware Management Manage Cloud Control Command Line Interface Management Packs	•
Welcome Page O All Targets O Sitemap O S Best for: New Users Best for: Enterprise Manager Administrators Best for: All Users Best for: All Administrators	ummary O Databases uprise Manager Best for: Database histrators Administrators	Configure Download Download	E-mail Notifications Management Agent Softwa and Deploy Management F	re Ilug-ins
		 Discover 1 Create Ad 	Targets Iministration Groups	

- 3. Log in to EM console. Click "Setup" → "Add Target" → "Add Targets Manually".
- 4. Click "Install Agent on Host".

Figure 2–2 Install Agent on Host

	Enterprise ▼	© <u>T</u> argets ▼	*	•	₽-	<i>۹</i>	L	SYSMAN .			
Add Targets Manually Overview							Page F	lefreshed Jun	9, 2017	11:52:55 AM	IST 숙
Add Host Targets	Add Non-Host Targets Using Guided Process	Add Non-Host Targ Using Declarative Pro	ets ocess								
Add Host targets by installing an agent using remote installation process. View status of past Agent installations.	Run guided discovery on a host to find manageable targets. Choose to promote some or all discovered targets to become managed.	Add targets by explicitly specifying monitoring properties.	2								

5. Click "Add" to enter host name and platform.

Figure 2–3 Adding Host Targets

ORACLE Enterprise Manager Cloud Control 13c		S	YSMAN	•
Add Target				
Host and Platform Installation Details Review				
Add Host Targets: Host and Platform	Back	Step 1 of 3	Next	Cancel
This wizard enables you to install Management Agents on unmanaged hosts, thereby converting them to managed hosts. Enter a session name, and validate (or add) the hosts and their plat Management Agent.	forms on which you	u want to insta	ll the	^
* Session Name ADD_HOST_SYSMAN_Jun_9_2017_12:05:15_PM_IST				
▶ Agent Software Options				
H Add V Remove Platform Different for Each Host V				
Host Platform				
Click Add and specify the host and platform details.				
				~

6. Enter Host Name or IP address and platform and then click "Next".

Figure 2–4 Host Name or IP address and Platform

ORACLE	Enterprise Manager Cloud Control 13c		:	BYSMAN	•
Add Target					
Host and Platform	Installation Details Review				
Add Host Targ	ets: Host and Platform		Back Step 1 of 3	Next	Cance
This wizard enables y Management Agent.	u to install Management Agents on unmanaged hosts, thereb	y converting them to managed hosts. Enter a session name, and validate (or add) the hosts and their platforms on w	which you want to inst	all the	
* Session Name	ADD_HOST_SYSMAN_Jun_9_2017_12:05:15_PM_IST				
Agent Software C	ptions				
+ Add -	Remove Platform Different for Each	Host 🗸			
Host		Platform			
ofss313	1369.in.oracle.com	Linux x86-64			

- 7. 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.
- 8. After setting above parameters click "+" to set up Named Credential.

Figure 2–5 Installation Details added

ORACLE' Enterprise Manager Cloud Control 13c			SYSMAN 🔻 🖕				
Add Target							
Host and Platform Installa	tion Details Review						
Add Host Targets: Ins	tallation Details		Back Step 2 of 3 Next Cancel				
On this screen, select each row fro	om the following table and pr	de the installation details in the Installation Details section.					
Load Inputs from Previous Ses	sion Select	~					
Deployment Type: Fresh	Agent Install						
Platform Agent Software Version Hosts		losts	Mandatory Inputs				
Linux x88-64	13.2.0.0.0	ofss3131369.in.oracle.com	6				
Linux x86-64: Agent Installation	Details						
* Installation Base Directory	/scratch/ofssobp/oem_13Cl	2					
* Instance Directory	/scratch/ofssobp/oem_13Ci	n_13CRelZiagent_inst					
	Configure Hybrid Cloud	gent					
Named Credential	Select	✓ ♣					
Root Credential	Select	◆					
Privileged Delegation Setting	/usr/local/bin/sudo -u %RU	S% %COMMAND%					
Port	3976						
Optional Details							

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

9. Set up Named Credential. Enter User credential and click "OK".

Figure 2–6 Set up Named Credential

	ise Manager Cloud Contr	ol 13c				SYSMAN 🔻 📖
Add Target	ation Details Review	,				
Add Host Targets: Ins	stallation Details		Create new Named Cred	lential	×	Back Step 2 of 3 Next Cancel
On this screen, select each row fro Load Inputs from Previous Ses	m the following table and provid ssion Select	e the installa	Enter the user name and pass	ey Credential sword you want to save as a Named Credential.		
Platform	Agent Software Version	Hosts	* Password * Confirm Password	······		Mandatory Inputs
Linux x86-64: Agent Installation	Details	01555151	Run Privilege	None V		-
* Installation Base Directory	/scratch/ofssobp/oem_13CR	el2		✓ Save As NC_HOST_2017-06-09-122612		
* Instance Directory	/scratch/ofssobp/oem_13CR	el2/agent_ins gent			OK Cancel	
Named Credential	Select		~ \$			
Root Credential	Select		✓ ◆			
Privileged Delegation Setting	/usr/local/bin/sudo -u %RUN. 802/em/faces/agentoush-ta:	AS% %COMM	IAND% -agentpush-installinputs?Adf-\	Window-Id=w08iAdf-Page-Id=4#		

10. After setting all agents installation details click "Next".

Figure 2–7 Agents Installation Details

	ise Manager Cloud Contro		SYSMAN V	
Add Target				
Host and Platform Installa	tion Details Review			
Add Host Targets: Ins	tallation Details			Back Step 2 of 3 Next Cance
On this screen, select each row fro	m the following table and pr	ovide the installation details in the Installation	ils section.	
Load Inputs from Previous Ses	sion Select	~		
Deployment Type: Fresh A	Agent Install			
Platform	Agent Software Version	Hosts		Mandatory Inputs
Linux x86-64	13.2.0.0.0	ofss3131369.in.oracle.com		D-
Linux x86-64: Agent Installation	Details			-
* Installation Base Directory	/scratch/ofssobp/oem_13C	Rel2		
* Instance Directory	/soratch/ofssobp/oem_13C	Rel2/agent_inst		
	Configure Hybrid Cloud	Agent		
Named Credential	NC_HOST_2017-08-09-12	2612(SYSMAN) 🗸 🛟		
Root Credential	Select	~ 4		
Privileged Delegation Setting	/usr/local/bin/sudo -u %RU	NAS% %COMMAND%		
Port	3976			
Optional Details				

11. Review all parameters and click "Deploy Agent".

Figure 2–8 Review All Parameters and Deploy

	lanager Cloud Control 13c	SYSMAN V
Add Target		
Host and Platform Installation D	etalis Review	
Add Host Targets: Review	1	Back Step 3 of 3 Next Deploy Agent Cance
Review the details you have provided	for this deployment session and dick Deploy Agent.	
Session Name ADD_HOST_SY	SMAN_Jun_9_2017_12:05:15_PM_IST	
Deployment Type Fresh Agent Inst	all	
OMS Host ofss3131551.in.	oracle.com	
OMS Upload Port 4903		
Host Information		
Linux x86-64		
Hosts	ofss3131389.in.oradle.com	
Agent Software Version	13.2.0.0	
Installation Base Directory	/scratch/ofssobp/oem_13CRel2	
Instance Directory	/scratch/ofssobp/oem_13CRel2/agent_inst	
Port	3978	
Named Credential	NC_HOST_2017-08-09-122812:SYSMAN	
Root Credential		
Privileged Delegation Setting	/usr/local/bin/sudo -u %RUNAS% %COMMAND%	
Preinstallation Script	Not Provided	
Postinstallation Script	Not Provided	
Additional Parameters	Not Provided	

- 12. Review the deployment processing.
 - a. Initialization of Agent deployment.

Figure 2–9 Initialization of Agent Deployment

	oud Control 13	3c		Enterprise V	<u> </u>	Eavorites V	History • Setup •	SYSMAN -
d Host							Page Refresh	ed Jun 9, 2011 refresh T options
ent Deployment Summary: ADD	HOST SY	SMAN Jun 9 20	17 12:05:15 PM IST	Initialization in Progress			Refresh Frequency 5 second	nds V Refresh Car
Platform Host						Initialization	Remote Prerequisite Check	Agent Deployment
Linux x88-84 ofss31313	69.in.oracle.o	om.				X	٥	٢
nt Deployment Details: ofss3131369.in.oracle	.com							
nt Deployment Details: ofss3131369.in.oracle Initialization Details OMS Log Location dts3131651.in.oracle.co	.com m:/scratch/app	p/gc_inst1/em/EMGC_OI	MS1/sysman/agentpush/2017-08-09_	,12-05-16-PM/applogs/ofts31313989 in oracle.co	om_deploy.log			
nt Deployment Details: ofss3131369 in oracle Initialization Details OMS Log Location ofss3131551 in oracle co Show only warnings a	.com m:/scratch/app nd failures	p/gc_inst1/em/EMGC_OI	MS1/sysman/agentpush/2017-08-09_	12-06-15-PM/applogs/ofs3131369 in oracle.o	om_deploy.log			
nt Deployment Details: ofss3131369 in oracle Initialization Details OMS Log Location ofss3131561 in oracle or Show only warnings a Initialization Pbase Name Parents biblidere	.com m:/scratch/ap; nd feilures Status	p/gc_inst1/em/EMGC_0/ Error	MS1/sysman/agentpush/2017-06-09_ Cause	12:05-15-PM/applogs/oftx3131309 in oracle o Recommendation	om_deploy.log			
nt Deployment Details: ofbs3131389.in oracle Initialization Details OMS Log Location ofbs3131551 in oracle.co Show only warnings a Initialization Passa Name Remote Validations Transfering Agent Software to Destination Hot	m:/scratch/app nd failures Status X	p/go_inst1/em/EMGC_Of	MS1/sysmanlagentpush/2017-86-89_ Cause	12.05-15-PM/applogs/sfts3131369 in oracle o Recommendation	om_deploy.log			

b. Remote prerequisite check of agent deployment process.

Figure 2–10 Remote Prerequisite Check

		~				C Triden .	A Pavontes .	U	de Serob .		-	
dd Host									Page	Refreshed.	Jun 9, 201;	options
				Remote Prerequisite Checks	in Progre	***		Refr	esh Frequency	5 second	5	Refresh Ca
gent Deployment Si	ummary: ADD_HOST_SY	SMAN_Jun_9_201	17_12:05:15_PM_IST									
Platform	Host						Initialization	Remo	e Prerequisite C	Check	Agent	Deployment
Linux x86-64	ofss3131369.in.oracle.or	om					~		X			0
gent Deployment Details: of	ss3131369.in.oracle.com											
ent Deployment Details: of Initialization Details Remote Prerequisite Chec OMS Log Location ofss Presemisite Check Num	ss3131369.in.oracle.com ok Details 3131551.in.oracle.com/soratch/app Show only warnings and failures	p/gc_inst1/em/EMGC_Oh	WS1/sysman/agentpush/2017-08-0	19_12-05-15-PM/applogs/ofss3131368	in.oracle.	com_deploy.log						
gent Deployment Details: of Initialization Details Remote Prerequisite Chec OMS Log Location ofss: Prerequisite Check Nam Remote Prerequisite Check Nam	ss3131369 in.oracle.com ck Details 3131651 in.oracle.com./soratd/vapp Show only warnings and failures e <u>Status</u> ok tatede on this host.	o/go_inst1/em/EMGC_OM	MS1/sysman/agentpush/2017-08-0 Cause	19_12-05-15-PM/applogs/ofe3131369 Recommendation	in.oracle.	com_deploy.log						
gent Deployment Details: of Initialization Details d Remote Prerequisite Chec OMS Log Location ofs: Comparisher Check Nam Remote Prerequisite Check Remote Prerequisite Check	ss3131369 in oracle.com ok Details 3131551 in oracle.com /koratch/app Bhow only warnings and failutes e Status ok started on this host.	p(gc_inst1/em/EMGC_Ol/ Error	MS1/kysman/agentpush/2017-06-0 Cause	19_12-05-15-PM/applogs/ofs3131309 Recommendation	in.oracle.	com_deploy.log						
gent Deployment Details: of Initialization Details Remote Prerequisite Chec OMS Log Location ofs: Prerequisite Check Nam Remote Prerequisite Check Agent Deployment Details	s 51131369 in oracle.com ck Details 3131561 in oracle.com/Jorastich/app Bow only varnings and failures e Status ok started on this host.	s/gc_inst1/em/EMGC_Ol/ Error	MS1 kysman lagentpuah (2017-06-0 Cause	9_12-05-15-PM/applogs/ofs3131369 Recommendation	in.oracle.	com_deploy.log						

c. Agent deployment.

Figure 2–11 Agent Deployment

d Host						Page Refreshed	Jun 9, 2017 12:57:52 PM IST 🕇
				Agent Deployment in Progress		Refresh Frequency 5 second	s Refresh Cance
Platform Ho	st	SMAN_JUN_9_20	17_12:05:15_PM_IST		Initialization	Remote Prerequisite Check	Agent Deployment
Linux x88-84 ofs	s3131369.in.oracle.o	m			×	A	X
ent Deployment Details: ofss3131369.in	.oracle.com						
Remote Prerequisite Check Details Agent Deployment Details OMS Log Location ofss3131551.in.or	aole.com:/scratch/app	/gc_inst1/em/EMGC_O	MS1/sysman/agentpush/2017-08-09_	12-05-18-PM/applogs/ofss3131369.in.oracle.com_dep	loy.log		
Remote Prerequisite Check Details Agent Deployment Details OMS Log Location ofss3131551 in or Show only war	acle.com:/scratch/app nings and failures	/go_inst1/em/EMGC_O	MS1/sysman/agentpush/2017-06-09_	12-05-15-PhMapplogsiofs3131369 in oracle.com_dep	loy.log		
Remote Prerequisite Check Details Agent Deployment Details OMS Log Location ofsi3131851 in or Show only war Deployment Phase Name	acle.com:/scratch/app nings and failures Status	/go_inst1/em/EMGC_O	MS1/syman/agentpush/2017-06-09_ Cause	12.05-15-Philapploguiota3131369 in oracle.com_dep Recommendation	loy.log		
Remote Prerequisite Check Details Agent Deployment Details OMS Location ofta3131551 in or Show only war Deployment Phase Name Installation and Configuration	acle.com:/scratch/app nings and failures Status	/gc_inst1/em/EMGC_O Error	MS1/sysman/agantpush/2017-06-09_	12.05-15-PM apploge/shts1131959 in oracle.com_dep	loy log		
Rencle Prerequisite Check Details Agent Deployment Details OMS Log Location of stall 31851 in or Shore only war Deployment Phase Name Installation and Configuration Secure Agent	acle.com:/scratch/app nings and failures Status	/go_inst1/em/EMGC_O	MS1/kysmanlegenlpush/2017-06-09_	12-05-15-PM/applogs/ofts3131909 in oracle.com_dep	loy log		
Rende Prequisite Check Details Agent Deployment Details ONE Log Location and Statistic Show only wat Deployment Phase Name Installation and Configuration Secure Agent Rootah	acle.com:/scratch/app nings and failures Status © ©	/gc_inst1/em/EMGC_O	MS1/kysman/agentpush/2017-86-89_ Cause	12.05-15-PM/apploguote3131368 in oracle.com_dep Recommendation	loylog		

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

DRACLE Enterprise	Manager Cloud Control 13	c		Enterprise V	<u> <u> </u> </u>	★ <u>Favorites</u> ▼	History •	₿ <u>S</u> etup ▼	SYSMAN 🔻
ld Host								Page Refres	ihed Jun 9, 2017 12:57:52 PM IST
ent Deployment Summ	arv: ADD HOST SY	SMAN Jun 9 2017 12:05:	✓ A	gent Deployment Succeeded					Do
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Agent Deployment Details OMS Log Location ofss31316 Show / Deployment Phase Name Installation and Configuration Secure Agent	51.in.oracle.com:/scratch/app only warnings and failures Status & &	/gc_inst1/em/EMGC_OMS1/sysman/a	gentpush/2017-08-09_12-0 Cause	8-15-PM/applogs/ofs3131309 in oracle (om_deploy.log				
Agent Deployment Details OM S Log Location ofs31315 Deployment Phase Name Installation and Configuration Secure Agent Root sh	81. In.oracle.com/koratch/app only warnings and failures Status V O	igc_institen/EMGC_OMS1/syeman/z Error The root ah script was not run because the user did not have the privilege begation tool.	gentpush/2017-06-09_12-0 Cause	5-15-PM/spplogs/ofta3131309 in oracle / Recommendation Manually run the following sori • /scratch/ofsobpl/cem_13	com_deploy.log pt(s) on the remote ICRel2/agent_13.2	host as a root user			

Figure 2–12 Status of Agent Deployment

2.2 Add Target as Target Type "Database"

- 1. Add Database Host machine following above steps.
- 2. Log in to EM console.
- 3. Click "Setup" -> "Add Target" -> "Add Targets Manually".
- 4. Select "Add Using Guided Process" from "Add Non-Host Targets Using Guided Process" panel.

Figure 2–13 Add Using Guided Process

	anager Cloud Control 13c	Enterprise	• 🔘 Targets • 🔺	Eavorites • 🕒 History •	₿ Setup ▼	SYSMAN ▼ ··· ··· ·· · ·· ·
Add Targets Manually Overview					Page	Refreshed Jun 9, 2017 2:01:35 PM IST 认
Add Host Targets	Add Non-Host Targets Using Guided Process	Add Non-Host Targets Using Declarative Process				
-	\$					
install Agent on Host	E, Add Using Guided Process	F Add Target Declaratively				
Add Host targets by installing an agent using remote installation process. View status of past Agent installations.	Run guided discovery on a host to find manageable targets. Choose to promote some or all discovered targets to become managed.	Add targets by explicitly specifying monitoring properties.				

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

Figure 2–14 Target Type

Overview							
Add Host Targets		ad Using Guided Process			×		
Add Host Targets	Using Guide				»		
		Guided Discovery	Discovered Target Types				
		Exalytics System	Exalytics System		^		
		Global Data Services	Global Data Services, Global Servi	ce Manager, Global.			
	20	IBM WebSphere Application Server	IBM WebSphere Application Serve	r Cluster, IBM Web			
	24	IBM WebSphere MQ Queue Manager	IBM WebSphere MQ Queue Manag	er, IBM WebSpher	1.00		
		JBoss Application Server	JBoss Partition		1.000		
Install Agent on Host	R Add Using G	Oracle BI Suite EE	Oracle BI Analytics Server (10g), 0	Dracle BI Cluster C			
		Oracle Cluster and High Availability Service	Cluster, Oracle High Availability Se	rvice			
Install Agent Results	_	Oracle Coherence	Oracle Coherence Cluster, Oracle	Coherence Cache,.	- I		
		Oracle Database, Listener and Automatic Storage Managem	Database Instance, Listener, Plugg	able Database, Clu.			
dd Heet tereste by jestelling en egent	in guided discovery	Oracle Directory Server Enterprise Edition	Oracle Directory Server Enterprise Edition Server, Dir				
sing remote installation process. View Sol	me or all discovered	Oracle Exadata Database Machine	Oracle Exadata Database Machine	, Oracle Engineere.			
atus of past Agent installations.	mageo.	Oracle Exalogic	Oracle Exalogic				
		Oracle Fusion Middleware/WebLogic Domain	Oracle WebLogic Domain		~		
				Add Can	cel		
					- 4		

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

Figure 2–15 Host and Cluster

arch Criteria Results Review	Select Targets			×	and the second
abase Discovery: Search Criteria	▲ Search				Back Step 1 of 3 Next Can
er to add targets to be monitored by Enterprise Manager, you must first specify th	Target Type	All	•		
becify Host or Cluster	Target Name On Host	mum00aro.in.oracle.com	1		
	Configuration Search	No configuration searc	h selected>🔍 🥖		ses, isteners, and Automated Storage Managers (ASM) as monitored targets. A ant to monitor and administer using Enterprise Manager. Enterprise Manager will re host or cluster that you specify.
				Search	ovided to change the default discovery behavior. Supported hints are 'db_name', iscovery timeout' cin seconds per hosts and 'no. db. domain' structfalses. For
	Target Name	Target Type	On Host	Status	rery_timeout=15.
	mum00aro.in.oracle.com	Host	mum00aro.in.or	1	
hiscovery Options					and the second
					and the second
			Mod	e Single Select	
			5	alact Cancel	
				cuncer	

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

DRACLE Enterprise Manager Cloud Control 13c		SYSMAN ♥
Search Criteria Results Review		
Database Discovery: Search Criteria		Back Step1 of 3 Next Ca
order to add targets to be monitored by Enterprise Manager, you must first sp	ecify the host or cluster on which those targe	s reside.Click the icon to select host or cluster target name.
* Specify Host or Cluster mum00aro in oracle.com	2	Overview This process allows you to add databases, listeners, and Automated Storage Managers (ASM) as monitored targets. A monitored target is an entity that you want to monitor and administer using Enterprise Manager. Enterprise Manager will search for targets of these types on the host or cluster that you specify. Discovery Options Additional discovery options can be provided to change the default discovery behavior. Supported hints are 'db_name', 'db_larget_prefit', biarget_utift', discovery_timeout+15.
Discovery Options		

Figure 2–16 Database Host for Database Discovery

Figure 2–17 Target Discovery Progress

ORACLE Enterprise Manager Cloud Control 13	c	SYSMAN 🔻 🕳
Search Criteria Results Review		
Database Discovery: Search Criteria		Back Step 1 of 3 Next Cance
In order to add targets to be monitored by Enterprise Manager, you mus	© Processing	
* Specify Host or Cluster mum00aro.in.oracle.com	narget Discovery - in Progress.	
	ilide €	nd Automated Storage Managers (ASM) as monitored targets. A d administer using Enterprise Manager. Enterprise Manager will t that you specify. s the default discovery behavior. Supported hints are 'db_name', Lf -in seconds per host- and 'no_db_domain -true/falser. For
Discovery Options		

8. Select the Database by checking the check box. Specify the Monitoring Credentials and then click "Next".



	LE Enterprise Manager Cloud	Control 13c							SYSMAN
Search Cr	iteria Results	Review							
atabas	e Discovery: Results				N Set Glob	oal Target Properties	Specify Group for Targets	Back Step 2 of	Next
I Datab	oases								
e followir onitoring (ng databases have been discovered on this h Credentials' action. You can set Global Target	ost. Provide monitoring credentials Properties for all selected targets of	and save the targets t r add them to a Target	o start monitoring the d Group while saving th	atabases. You can specify c targets for monitoring.	ommon monitoring creder	tials for all the selected database targ	gets using the 'Specify	Common
View v	Nonitoring Cree	dentials 🎤 Configure T	est Connection						
_	Townshillows		Monitoring Crede	entials	Transferrer				
	Target Name	Monitor Username	Monitor Password	Role	Target Group				
	NCONT65A	dbsnmp	••••••	Normal ~		0			
	NCONT65B	dbsnmp		Normal		0			
Lister	ners								
ne followir	ng listeners have been discovered on this hos	st.							
View 🔻									
	Target Name	Listener Name		Machine Name		Target Group			
-		LISTENED		mum00aro in oracle o	200		0		

9. Review the added Database and then click "Save".

Figure 2–19 Review and Save

atabase Discovery: Review			Back Step 3 of 3 Next	Save C
ease review the targets below and click on 'Save' to start monitoring the targets.				
atabase Systems				
llowing Database systems will be created for the discovered databases and related targets.				
Target Name	Target Type	Host		
▲ NCONT65A_sys	Database System			
NCONT65A	Database Instance	mum00aro.in.oracle.com		
▶ NCONT65B_sys	Database System			
ther Targets				
llowing targets will not be part of any database system				
Target Name	Target Type	Host		
LISTENER_mum00aro.in.oracle.com	Listener	mum00aro.in.oracle.com		

10. Added Databases can be viewed by clicking "Targets" and then "Databases".

Figure 2–20 Confirmation

Please review the targets below and click on 'Save' to start monitoring Database Systems Following Database systems will be created for the discovered database Target Hame A NOUNTESA.sys	
Database Systems Target Saving - Completed Successfully Following Database systems will be created for the discovered database Imaget Successfully Target Hame Imaget Manual Successfully A NCORTR65.ays The following targets have been saved	
Target Name The following targets have been saved NCONT65A, sys NCONT65A, foracle_database)	
NCONT65A_sys NCONT65A (oracle_database)	
NCONT65A LISTENER_mum00aro.in.oracle.com (ora NCONT65B (oracle_database)	cle_istener) oracle.com
▶ NCONT65B_sys	
Other Targets Following targets will not be part of any database system	
Target Name	
LISTENER_mum00aro.in.oracle.com	Close pracle.com

Figure 2–21 Added Database

ORACLE' Enterprise Manager Cloud Control 13c	Enterprise V Dargets V	★ Eavorites ▼	() Histor	y▼	Øs	etup 🔻	۹.	SY	SMAN	•	
Databases Performance ← Availability ▼ Security ▼ Schema ▼ Administration ▼ View ○ Database Load Map ④ Search List		Auto Refr	esh Off		~	Page R	efreshed Jun 15, 201	7 11:13	7:08 A	IM IST 4	0
✓ Search Find Name ♥											
View • + Add • X Remove / Configure	Type	Status	Target	Incid	lents	A	rerage	Merr Sum	nber ! imary	Status	
	190	olulue	Version	۰	8		Compliance Score	٠	t	*	X
CONTESA STATES	Database Instance	1	12.1.0.2.0	0	0	0	N/A	0	0	0	0
RCONT65B	Database Instance	+	12.1.0.2.0	0	0	0	N/A	0	0	0	0
	Database Instance	1	11.2.0.4.0	0	0	0	N/A	0	0	0	0
I NGPTEST	Database Instance	+	11.2.0.4.0	0	0	0	N/A	0	0	0	0
Columns Hidden 12											

2.3 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.

1. On the Oracle Management Agents server set the TZ to the correct time zone.

\$export TZ=<OMS>
\$echo \$TZ

2. Create blackout.

\$agent_home/bin/emctl start blackout `hostname` -nodeLevel

3. Shutdown agent.

\$agent_home/bin/emctl stop agent

Reset agentTZ.

\$agent_home/bin/emctl resetTZ agent

5. 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;

6. Start agent.

\$agent_home/bin/emctl start agent

\$agent_home/bin/emctl upload agent

7. Stop Blackout.

\$agent_home/bin/emctl stop blackout `hostname`

2.4 Add Targets as Target Type "Middleware"

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

1. Log in to EM console. Click "Targets" → "Middleware".

Figure 2–22 Selecting Middleware



2. Click "Add" ->"Oracle Fusion Middleware/Weblogic Domain".

	e Manager Clou	d Control 13c	Enterprise 🔻	★ <u>Favorites</u> ▼	🕒 History 🕶 🖾	etup 🔻 🤇		h	SYSM	AN 🔻 🚥
Middleware Targets Best Practices	Middleware F	eatures 🗙 🕂 Add 💌 Save Search Sav	ved Searches 👻 Simple Search	Auto Ref	fresh Off 🗸	Page Refres	hed Jun	9, 2017	2:23:2	PM IST 🖒
Search Reset Target Name Q Target Version Status Status Status Comment Contact Cost Center Cost Center Customer Support Identifier Department Lifecycle Status Location Location	View ↓ Table Heat M View ↓ Target ↓ > 蓋 / > 蓋 / > 蓋 / > 蓋 / > 蓋 /	ap Target Type Target Type Type Target Type Ty	color Server (14) control (14) control (16) control (1	Ta 04 04 04 04 04	Status	(32) (15) (15) (10) (10) (10) (10) (10) (10) (10) (10	Men 2 4 -	nber SI * 5 7 9 7 1 3	tatus \$ 	ummary 30 N/A - 2 - 1 - 2 - 1 1 1 - 2 - - - - - - - - - - - - -
	Columns Hie	iden 11					N	iddle	w	ware Tai

Figure 2–23 Adding Oracle Fusion Middleware/Weblogic Domain

3. 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'

Figure 2–24 Agent is Automatically Detected

	ise Manager Cloud Control 13c	<u>Enterprise</u> ▼	O Targets ▼	★ Eavorites ▼	(Hist <u>o</u> ry ▼	Setup •	् 🌲	SYSMAN	•
Middleware						Page	Refreshed Jun 9, 2	017 2:26:14 P	M IST O
Add Oracle Fusion Mid	dleware/Weblogic Domain: Find Targets						Add Targets	Continue	Cancel
To discover a WebLogic Domain, a N	lanagement Agent uses JMX protocol to make a t3/t3s connection to the domain's Administration	Server. If only SSL cor	nmunication is allowe	d, expand the Advanc	ced section and more	dify the JMX pro	ocol from the def	ault t3 to t3s.	
To change the Monitoring Agent or n	ame of the Host, and for other advanced settings, click Continue. To discover and save targets v	with the default values,	click Add Targets.						
* Administration Server Host	ofss3131369.in.oracle.com								
* Port	7001								
* Username	weblogic								
* Password	•••••								
Node Manager Username									
Node Manager Password									
* Unique Domain Identifier	OBP261_HOST_ofss3131369_in_oracle_								
* Agent	ofss3131369.in.oracle.com:3976 Q								
Discover Application Versions	Ø								
Advanced									

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

Figure 2–25 Identifying Targets for the Server

	ise Manager Cloud Control 13c		Enterprise V	<u> </u>	★ <u>F</u> avorites ▼	History V	Setup •	0	SYSM	IAN 🔻 🚥
Middleware							Page	Refreshed J	un 9, 2017 2:26:1	4 PM IST
Add Oracle Fusion Mid	Idleware/Weblogic Domain: Fin	d Targets						Add Tar	ets Continu	e Cancel
To discover a WebLogic Domain, a I	fanagement Agent uses JMX protocol to make a t	3/t3s connection to the domain's Administration	Server. If only SSL cor	munication is allowe	d, expand the Advar	ced section and m	odify the JMX prot	tocol from t	e default t3 to t3	s.
To change the Monitoring Agent or n	ame of the Host, and for other advanced settings	, click Continue. To discover and save targets v	vith the default values,	click Add Targets.	-					100
		Processing								
Administration Server Host	otss3131369.in.oracle.com	Finding Targets - In Progress.								
* Port	7001	⊿ Hide								
* Username	weblogic									
* Password										10.00
Node Manager Username										1.00
Node Manager Password										
* Unique Domain Identifier	OBP261_HOST_ofss3131369_in_oracle_									
* Agent	ofss3131369.in.oracle.com:3976									
Discover Application Versions		This operation cannot be cancelled. It	will continue even if the	e browser window i	s closed.					1.1
Advanced					_					
					100					
	and the second									

Figure 2–26 Targets Found

	ise Manager Cloud Control 13c		Enterprise V	<u> </u>	★ <u>F</u> avorites ▼	History •	Setup •	۹.	SYSMAN	• • • • • • • • • • • • • • • • • • • •
Middleware							Page	Refreshed Jun 9	2017 2:26:14 F	PM IST
Add Oracle Fusion Mid	Idleware/Weblogic Domain: Find	l Targets						Add Targets	Continue	Cancel
To discover a WebLogic Domain, a M	Ianagement Agent uses JMX protocol to make a t3	/t3s connection to the domain's Administration S	Server. If only SSL con	nmunication is allow	ed, expand the Advan	ced section and m	odify the JMX pro	tocol from the d	efault t3 to t3s.	
to change the Monitoring Agent or n	ame of the Host, and for other advanced settings,	Confirmation	ith the default values,	CICK Add Targets.						
* Administration Server Host	ofss3131369.in.oracle.com	Finding Targets - Completed Success	fully							
* Port	7001	Hide								
* Username	weblogic	Targets found: 30								
* Password	•••••	Click Close to assign the agents.								
Node Manager Username										
Node Manager Password					-					
* Unique Domain Identifier	OBP261_HOST_ofss3131369_in_oracle_									
* Agent	ofss3131369.in.oracle.com:3976									
Discover Application Versions										
Advanced				1	Close					
				n la se than						

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

ORACLE Enterprise Manager Cloud Control 13c	Enterprise V	<u> <u> </u> </u>	★ <u>Favorites</u> ▼		Setup •	् 🌲	SYSMA	• • • • • • • • • • • • • • • • • • • •
Middleware					Page R	efreshed Jun 9, 20	17 2:41:47 I	
Add Oracle Fusion Middleware/Weblogic Domain: Assign Agents						Add Target	s Back	Cancel
Targets Found 30								
Targets Assigned To Local Agent 30								
You can optionally override any agent assignment using the table below. All the agents used for monitoring the targets must be up. f Agent" column is left blank.	For the targets which re	equire local agent, by	default, only local age	ents are assigned.	For such targets, i	f local agent is not	found, the '	'Configured
> Targets And Agents Assignments								
Advanced								

Figure 2–27 Add Targets

Figure 2–28 Saving Targets -In Progress

ORACLE Enterprise Manager Cloud Control 13c		Enterprise V DIargets V	★ <u>F</u> avorites ▼	History • 🔅 Setup •	🔍 🌲 Sysman	•
Middleware Add Oracle Fusion Middleware/Weblogic Domain: Assig	ın Agents			Page	Refreshed Jun 9, 2017 2:41:47 F Add Targets Back	Cance
Targets Found 30						
Targets Assigned To Local Agent 30	© Processing					
You can optionally override any agent assignment using the table below. All the agents u Agent" column is left blank.	Saving targets To Agent - In Progress	s.	r local ag	gents are assigned. For such targets	, if local agent is not found, the "	Configure
Fargets And Agents Assignments	Total targets = 30					
▶ Advanced	This operation cannot be cancelled. It	will continue even if the browser window	it / is closed.	infilmental logic domains		

6. 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.

	Control 13c		Enterprise • O Targets •	ites 🔻 🕒 History 🔻 🏟 Setup 🗸 🔍 🌲 SYSMAN 🕻
liddleware				Page Refreshed Jun 9, 2017 2:47:13 PM
dd Oracle Fusion Middleware/Weblog	ic Domain: Results			Target Management Best Practices
) targets have been successfully added to Enterprise Manag	ger.			
here may be a delay before these targets are visible and mo	nitored. This is because saving the ta	argets to the agents involve targe	t promotion job that may also include pushing the monitoring	plug-in to the agent. All the agents used for monitoring the targets must be up
ne targets of the farm of domain change in the future, use	Refresh WebLogic Domain to add ta	argets. If targets are later remove	a from the farm of domain, you can delete them from the "Al	Il largets" page or the "Agents" page or the "Refresh WebLogic Domain" page
won rarger management beat Practices button to review	a list of recommended best practice	s for managing the newly added	targeta.	
I Targets Details				
Target Name	Target Type	Host	Configured Agent	Status
⊿ host_domain	Oracle WebLogic Domain	ofss3131369.in.oracle.com	ofss3131369.in.oracle.com:3976	Successfully saved target to agent.
AdminServer	Oracle WebLogic Server	ofss3131369.in.oracle.com	ofss3131369.in.oracle.com:3976	Successfully saved target to agent.
opss-rest	Application Deployment	ofss3131369.in.oracle.com	[Inherited From Parent]	Successfully saved target to agent.
com.ofss.fc.app.connector	Domain Application Deployment	ofss3131369.in.oracle.com	ofss3131369.in.oracle.com:3976	Successfully saved target to agent.
com.ofss.fc.dms	Domain Application Deployment	ofss3131369.in.oracle.com	ofss3131369.in.oracle.com:3976	Successfully saved target to agent.
com.ofss.fc.messaging	Domain Application Deployment	ofss3131369.in.oracle.com	ofss3131369.in.oracle.com:3976	Successfully saved target to agent.
com.ofss.fc.middleware	Domain Application Deployment	ofss3131369.in.oracle.com	ofss3131369.in.oracle.com:3976	Successfully saved target to agent.
com.ofss.fc.reports	Domain Application Deployment	ofss3131369.in.oracle.com	ofss3131369.in.oracle.com:3976	Successfully saved target to agent.
com.ofss.fc.webservices	Domain Application Deployment	ofss3131369.in.oracle.com	ofss3131369.in.oracle.com:3976	Successfully saved target to agent.
opss-rest	Domain Application Deployment	ofss3131369.in.oracle.com	ofss3131369.in.oracle.com:3976	Successfully saved target to agent.
mds-owsm	Metadata Repository	ofss3131369.in.oracle.com	ofss3131369.in.oracle.com:3976	Successfully saved target to agent.
✓ defaultCoherenceCluster	Oracle Coherence Cluster	ofss3131369.in.oracle.com	ofss3131369.in.oracle.com:3976	Successfully saved target to agent.
ORA-MDS-local-cache_ADFApplication	Oracle Coherence Cache	ofss3131369.in.oracle.com	[Inherited From Parent]	Successfully saved target to agent.
ORA_MDS-local_cache_ADFApplication	Oracle Coherence Cache	ofss3131369 in oracle com	Inherited From Parenti	Successfully saved target to agent

Figure 2–29 Add Oracle Fusion Middleware/Weblogic Domain Results

Figure 2–30 Entry on Dashboard Page

	Manager Cloud Control 13c	★ Eavorites ▼ Bistory ▼ Setup ▼	🔍 🌲 🛛 SYSMAN 🕶 🚥
Middleware Targets Best Practices	■ Middleware Features ▼ + Add ▼ Save Search Saved Searches ▼ Simple Search	Auto Refresh Off 🗸 Page Re	sfreshed Jun 9, 2017 2:50:00 PM IST 🕚
Search Reset	View Target Type Coracle Weblogic Server (16)	Status	
Target Type Target Version Status	Meladata Reportory (8) Meladata Reportory (8) Orace Webbacg Culture (7) Orace Webbacg Culture (7) Orace Coherence Culture (1) Orace (Charlence Culture (1)) Orace (14)	Up (39) N/A (17) Down (6) Unknown (1)	
Site Comment Contact Contact	Table Heat Map		
Customer Support Identifier Department	Target Name	Target Type Stat	tus Member Status Summary
Line of Business Location	KingC_GCDomain/GCDomain KingC_HOST_ofso310554_n_oracle_com_host_domain/host_domain	Oracle WebLogic Domain - Oracle WebLogic Domain -	- 5 - 2 - 7 - 1
	[1] MITG25_SOA_ofss3121247_in_oracle_com_base_domain/base_domain [2] [2] [2] [2] MITG25_UL_ofss310556_in_oracle_com_uit_domain/uit_domain	Oracle WebLogic Domain - Oracle WebLogic Domain -	- 9 2 2 7 1
	[#]/08P261_HOST_ofs3131389_n_oracle_com_host_domain/host_domain [#]/08P261_HOST_ofs3131389_n_oracle_com_DNDomain	Oracle WebLogic Domain - Oracle Fusion Middleware Farm -	- 7 1 4 1 - 1 1
	Est II.cou_musi_orsc.com_nosc_coman Columns Hidden 11	Uracle Fusion Middleware Farm -	- 3 2 Middleware Targets 63

3 Deploy OBP EM plugin

3.1 Upload Plugin Files and Related Scripts

- 1. Log to the EM machine.
- 2. Create folder "obpplugin" on EM machine in /scratch/app/product/ directory.
- 3. Create folder "plugin" on EM machine in /scratch/app/product/obpplugin directory.
- 4. Upload "obp_em_view_script" folder in "plugin" directory. Source available at <OBPINSTALLER>/em_monitor/EM/OBP_Management_Pack.
- 5. Upload "scripts" folder in "plugin" directory. Source available at <OBPINSTALLER>/em_monitor/EM/OBP_Management_Pack.
- 6. 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.
- 7. 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.

3.2 Set the Environment Variables

- 1. Log to the EM machine.
- 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
- Export the EMCLI command path export EMCLI= <"Path of OEM13c">/bin/emcli e.g. for DEMO → export EMCLI=/scratch/app/oem13C_rel2/bin/emcli
- 4. 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

3.3 Deploy the Plugin in EM

- 1. Log to the EM machine.
- 2. 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
- 3. 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

Figure 3–1 Running the deploy_oms.sh script



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

Figure 3–2 Navigate to Plug-ins

ORACLE Enterprise Manager Cloud Control 13c		Enterprise V	© <u>T</u> argets ▼	★ <u>F</u> avorites ▼	History •	Setup • Q		SYSMAN ¥
						Initial Setup Console		
Welcome to						Add Target	Þ	
Enterprise Manager Cloud Co	ntrol 13c			Self Upda	te	Extensibility	Þ	
Enterprise Manager cloud co				Plug-ins		Proxy Settings	Þ	
Oracle Enterprise Manager is Oracle's integrated enterprise IT management	product line, which	Latest Featur	es	Managem	ent Connectors	Security	Þ	
solution. Oracle Enterprise Manager creates business value from IT by lever	aging the built-in			Data Exch	nange	Incidents	Þ	
management capabilities of the Oracle stack for traditional and cloud environ	nments, allowing	Monitoring during	maintenance per	ods Developm	ent Kit	Notifications	Þ	
customers to achieve unprecedented efficiency gains while dramatically inco	easing service levels.	Automated stack	nagement patching for Exa	lata components	Oracle	Hybrid Cloud		
		View all the feature				Provisioning and Patchi	ing ⊧	
		view an the leater	100			My Oracle Support	Þ	
Select Enterprise Manager Home Page					Getti	Middleware Manageme	ent ⊧	
Select your personal Home Page from one of the options below. Once selected, your person	onal Home Page will appear the ne	xt time you log in.			Ver	Manage Cloud Control	Þ	
Click an image below for a larger preview, then select a radio button to choose your perso	nai Home Page.				> Co	Command Line Interface	æ	ies
					Ver	n Management Packs	Þ	nty
		et Filb			> Ad	d An Additional OMS		
Welcome Page O All Targets O Sitemap	O Summary	O Databases			Cor	nfigure E-mail Notification	ns	
Best for: New Users Best for: Enterprise Best for: All Users	Best for: Enterprise	Best for: Database			> Do	wnload Management Age	ent Soft	ware
Manager Administrators	Manager Administrators	Administrators			► Do	wnload and Deploy Mana	agement	Plug-ins
					→ Dis	cover Targets		
G.G.G.	- 0 • • • • • • • • • • • • • • • • • • •				+ Cre	eate Administration Group	ps	
						ate Accounts and Assign	II KOles	

Figure 3–3 Select plug-in

	rprise Manager Cloud	l Control 13c			∎ Enterprise ▼
Plug-ins This page lists the plug-ins availa	ible, downloaded, and depl	oyed to the Enterprise	Manager system. Us	e this page to depl	Page Refreshed Jun 9, 2017 4:01:20 PM IST 🕥
Actions 🔻 View 👻 🌯	Deploy On 👻 🌯 Undeplo	y From 👻 🗳 Cheo	ck Updates 🗮 D	eployment Activ	ties
		Version		Management	
Name	Latest Available	Latest Downloaded	On Management Server	Agent with Plug-in	Description
Applications (1)					^
🕨 🚞 Cloud 🚯					
🕨 🚞 Databases 🚯					
Engineered Systems	s 🚯				
🕨 🚞 Middleware 🕦					
Servers, Storage and Servers	nd Netwo				
🚳 OBP EM Plugin	13.2.1.0.0	13.2.1.0.0	13.2.1.0.0	0	OBP EM Plugin
G Oracle Audit Vault	12.1.0.4.0	12.1.0.4.0 🎭		0	Enterprise Manager for Oracle Audit Vault provides monitoring and management of Oracle Audit Vault Server and its components.
G Oracle Audit Vault a	and Datab 13.2.1.0.0	13.2.1.0.0 🎭		0	Enterprise Manager for Oracle Audit Vault and Database Firewall (AVDF) provides monitoring and management of AVDF system.
Cracle Beacon	13.2.0.0.0	13.2.0.0.0	13.2.0.0.0	1	Oracle Beacon plugin is required on the Managed Hosts to support beacon test monitoring capability
Select a plug-in to view its details	5				

3.4 Undeploy the Plugin in 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.

3.4.1 Undeploy OBP Plugin from Management Agent and OMS

- Undeploy OBP plugin using script.
 - 1. Log to the EM machine.
 - 2. 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.
 - 3. 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





4. 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

Figure 3–5 Running undeploy_oms.sh



Undeploy OBP plugin through OEM console.

In case it is unsuccessful, do it manually as follows

- Undeploy OBP plugin from management agent.
 - 1. Login in to EM console. Click "Setup" →"Extensibility" →"Plug-ins".

Figure 3–6 Navigate to Plug-ins

		e Manager Cloud Contro	il 13c		Enterprise V D Targets	• 1	Favorites •	Hist <u>o</u> ry 🔻	🍄 Setup 🔹 🔍 🌲	s	SYSMAN V
We	come to								Initial Setup Console Add Target	•	
Ent	erprise N	lanager C	loud Cor	ntrol 13c			Self Update		Extensibility		
Oracle E	nterprise Manager is 0	Dracle's integrated enterp	rise IT management pr	oduct line, which	Latest Features		Plug-ins Management Conr	ectors	Proxy Settings Security	> >	
solution. managen	Oracle Enterprise Man nent capabilities of the	nager creates business v Oracle stack for traditio	alue from IT by leveragi nal and cloud environm	ing the built-in ents, allowing	Monitoring during maintenance	periods	Data Exchange Development Kit		Incidents Notifications) }	
custome	s to achieve unpreced	iented efficiency gains wi	nie dramatically increa	ising service levels.	Automated stack patching for I	Exadata d	components	Oracle	Hybrid Cloud Provisioning and Patching My Oracle Support	•	
Select	Enterprise Mana	ger Home Page						Gettir	Middleware Management	+	
Select you Click an im	r personal Home Page from age below for a larger pre	mone of the options below. Or view, then select a radio butto	nce selected, your personal in to choose your personal in the choose your personal in the choose your personal in the choose your personal in the choose your personal ind	I Home Page will appear the ne Home Page.	ext time you log in.			→ Veri → Con → Veri → Add → Con	Manage Cloud Control Command Line Interface Management Packs An Additional OMS figure E-mail Notifications	▶ ies ∕ity	5
	Welcome Page Best for: New Users	O All Targets Best for: Enterprise Manager Administrators	U Sitemap Best for: All Users	O Summary Best for: Enterprise Manager Administrators	O Databases Best for: Database Administrators			⊢ Dow	vnload Management Agent : vnload and Deploy Manager	Softwa nent P	re 'lug-ins
								→ Diso → Crea → Crea	cover Targets ate Administration Groups ate Accounts and Assign R	oles	
		0 000	∩ Middleware		C Canvinae			Creation	ate Administrator Roles		

2. Select "OBP EM Plugin" then click "Undeploy From" → "Management Agent".

lug-ins					Page Refreshed Jun 9, 2017 5:49:29 PM IST	t
is page lists the plug-ins available, down	noaded, and deploy	ed to the Enterprise	manager system. Use	e this page to depir	r undeproy prug-ins.	
Actions View View To Deploy Or	 Bundeploy F 	rom 🔻 🦨 Chei	ck Updates 🛛 🛱 D	eployment Activ	8	
	Managem	ent Servers		Management		
Name	La	ent Agent	On	Agent with	escription	
	Available	Downloaded	Server	Piug-In		
Applications (1)						^
🕨 📩 Cloud 🚯						
🕨 🚞 Databases 🚯						
🕨 🛅 Engineered Systems 🚯						
🕨 🚞 Middleware 🕕						
Servers, Storage and Netwo						
CBP EM Plugin	13.2.1.0.0	13.2.1.0.0	13.2.1.0.0	1	3P EM Plugin	
🚳 Oracle Audit Vault	12.1.0.4.0	12.1.0.4.0 *		0	terprise Manager for Oracle Audit Vault provides monitoring and management of Oracle Audit Vault Server and its components.	
R Oracle Audit Vault and Datab	13.2.1.0.0	13.2.1.0.0 3		0	terprise Manager for Oracle Audit Vault and Database Firewall (AVDF) provides monitoring and management of AVDF system.	
R Oracle Beacon	132000	132000	132000	1	acle Reacon pluoin is required on the Managed Hosts to support beacon test monitoring canability	~
BP EM Plugin						
Seperal Recent Deployment Activitie						
Plug-in ID	oracle.system.odhs					^
Vendor	oracle		Versions D	ownloaded 13.3	.0	
		Supported ver	sions on Managen	nent Agent All	r released versions	

Figure 3–7 Undeploy Plug-in from Management Agent

3. Select Agent to undeploy EM plugin.

Figure 3–8 Agent to Undeploy Plug-in

	Manager Cloud C	Control 13c		Enterprise V	Targets •	Eavorites	History V	Setup •	۹. 🜲	SYSMAN ¥
Plug-ins This page lists the plug-ins available, down	nloaded, and deploy	Undeploy Plug-in f General	rom Management Agent	_			×	Page I	Refreshed Jun 9, 20	017 5:49:29 PM IST 化
Name	Latest Available	Name Management Agent + Add Re Management Ager	Select Targets Select Status Up Agents wi Target Type Agent	here OBP EM Plug	in is deployed	1	×			
		Add a Management A	Target Name On Host Configuration Search <no configu<="" td=""><td>ration search selecteds</td><td>2_</td><td></td><td>Search</td><td></td><td></td><td></td></no>	ration search selecteds	2_		Search			
Servers, Storage and Netwo OBP EM Plugin	132100		Target Name		Target Type	On Host	Status			
Oracle Audt Vault Oracle Audt Vault Oracle Audt Vault and Datab Oracle Beacon ORD Effet Duracle	12.1.0.4.0 13.2.1.0.0 13.2.0.0.0		Rows Selected 1		Agent	Mode	Multi-Select	udit Vault Server a g and managemen anahilty	nd its components t of AVDF system.	
General Recent Deployment Activities Plug-in ID	s oracle.system.odhs	* - Dependent Agents				Sele	ct Cancel			^
Vendor Version on Management Server	oracle 13.2.1.0.0	Supported versions	s on Management Agent All older rele	ased versions			A			v

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

Figure 3–9 Initiate Undeployment

Plug-ins This page lists the plug-ins available, down	loaded, and deploy	Undeploy Plug-in from Management Agent General			×	Page Refreshed Jun 9, 2017 5:49:29	PM IST C
Actions 🔻 View 👻 👘 Deploy On	▼ ®o Undeploy	Name OBP EM Plugin					
Name	Latest Available	Management Agent with this plug-in + Add Remove	Operating System	Doplayed Varcian	Statue		
Applications (1)		ofss3131551.in.oracle.com:3872	Linux x86-64	13.2.1.0.0	Status		
Eloud							
Databases (1)							
Engineered Systems (1)							
🕨 🛅 Middleware 🕣							
Servers, Storage and Netwo							
COBP EM Plugin	13.2.1.0.0						
G Oracle Audit Vault	12.1.0.4.0					udit Vault Server and its components.	
G Oracle Audit Vault and Datab	13.2.1.0.0					g and management of AVDF system.	
R Oracle Beacon	132000					anabiity	
OBP EM Plugin							
General Recent Deployment Activities							
Plug-in ID	oracle.system.odhs	* - Dependent Agents		Continue	Cancel		ŕ
vendor		Supported versions on Management Agent All older rele	ased versions				

5. Click "Next".

Figure 3–10 Continue Undeployment

Plug-ins	nionded and dealers	Undeploy Plug-in from	Management Ag	ent			×	Page	Refreshed Jun	9, 2017 5:49:29 PM	I IST C
the page loss the plug-ins available, dow	nioaded, and deploy	Prerequisite Checks									
Actions View View Bob Deploy Or	• ▼ [®] o Undeploy I	Name OB	P EM Plugin								
Name	Latest	Management Agent	Operating System	Status	Error Message						
	Available	ofss3131551.in.oracle.com	3872 Linux x86-64	1	No Error						
Applications (1)											
🕨 🚞 Cloud 🚯											
🕨 🚞 Databases 🕕											
🕨 🛅 Engineered Systems 🕄											
🕨 🚞 Middleware 🕕											
Servers, Storage and Netwo	(
CBP EM Plugin	13.2.1.0.0										
G Oracle Audit Vault	12.1.0.4.0							udit Vault Server a	ind its compo	nents.	
G Oracle Audit Vault and Datab	13.2.1.0.0							ig and managemen	t of AVDF sys	stem.	
🐼 Oracle Beacon	132000							anahility			
BP EM Plugin											
General Recent Deployment Activitie	5										
Plug-in ID	oracie.system.odhs	* - Dependent Agents				Back Ne	ext Cancel				Ŷ
Vendor Version on Management Server	oracle 13.2.1.0.0	Supported versions on I	Management Agent	All older rel	leased versions		2				

6. Click "Undeploy".

Figure 3–11 Final Step - Undeploy

	lanager Cloud (Control 13c	Enterprise V 🔘 Targe	ets 🔻 🌟 <u>E</u> avorites	History	🔅 Setup 🔹 🔍 🌲 SYS	SMAN 🔻 🚥
Plug-ins This page lists the plug-ins available, down	nloaded, and deploy	Undeploy Plug-in from Management Agent			×	Page Refreshed Jun 9, 2017 5:49	29 PM IST 📌
Actions 🔻 View 💌 👘 Deploy On	n 🔻 👘 Undeploy I	Review A Undeployment of plug-ins from the Management Management Agent. During downtime, the Management	nt Agent deletes the targets monitored I agement Agent will not be able to monit	by the plug-in, and also or any targets.	restarts the		
Name	Latest Available	Name OBP EM Plugin Management Agent with this plug-in Management Agent	Operating System	Deployed	Status		
Applications (1)			1 1000 000 04	Plug-In Version			
🕨 🚞 Cloud 🚯		0fs63131551.in.0facle.com:3872	Linux x86-64	13.2.1.0.0	т		
🕨 🛅 Databases 🚯							
Engineered Systems 1							
🕨 🚞 Middleware 🚯							
Servers, Storage and Netwo							
OBP EM Plugin	13.2.1.0.0						
Cracle Audit Vault	12.1.0.4.0					udit Vault Server and its components.	
G Oracle Audit Vault and Datab	13.2.1.0.0					ig and management of AVDF system.	
Carle Reacon	132000					anabilty	
OBP EM Plugin							
General Recent Deployment Activities	5						
Plug-in ID	oracle.system.odhs	* - Dependent Agents		Back Und	eploy Cancel		^
Vendor of Version on Management Server	13.2.1.0.0	Supported versions on Management Agent All o	Ider released versions				v

7. Review the undeployment process.

Figure 3–12 Review Undeployment

ORACLE' Enterprise Man	ager Cloud Control 13c				Enterprise V	() <u>⊺</u> ar	gets • 🛉 Eavorites	History -	Setup -	0	🌲 s	YSMAN ¥
Plug-ins									Page F	efreshed Ju	ın 9, 2017 5:	58:32 PM IST 🖒
Deployment Activities										Auto	Refresh	15 Seconds 🗸
Recent Activities	View 🔻											
All Activities	Name	Version	Status	Content Type	Destination		Job Name		Start Time		End Time	
Successful Activities	OBP EM Plugin	13.2.1.0.0	1	Discovery	ofss3131551.in.oracle	com:3872	PLUGIN_AGENT_UNDEPLO	OYMENT_217_14	Jun 9, 2017 5:58	33 PM	Jun 9, 201	7 6:00:04 PM
Failed Activities	OBP EM Plugin	13.2.1.0.0	1	Plug-in	ofss3131551.in.oracle	com:3872	PLUGIN_AGENT_UNDEPLO	OYMENT_217_14	Jun 9, 2017 5:58	:30 PM	Jun 9, 201	7 5:58:52 PM
Discovery Activities												
Activities on Management Agent												
Deployment Activities												
Undeployment Activities												
	Deployment Steps: OBP EN	A Plugin										-
	Step					Status	Start Time	End Time	Log	ile		
	Initialize					× .	Jun 9, 2017 5:58:33 PM	Jun 9, 2017 5:58	8:33 PM emor	s.log		
	Delete target					× .	Jun 9, 2017 5:58:34 PM	Jun 9, 2017 5:58	3:34 PM emorr	s.log		
	Deconfigure plug-in from Mar	nagement Agent				× .	Jun 9, 2017 5:58:52 PM	Jun 9, 2017 6:00	0:04 PM agent	plugindeplo	y_217.log	
	Update inventory					× .	Jun 9, 2017 5:58:52 PM	Jun 9, 2017 6:00	0:04 PM emor	s.log		

- Undeploy OBP plug in from Management Server.
 - 1. Login in to EM console. Click "Setup" \rightarrow "Extensibility" \rightarrow "Plug-ins".

Figure 3–13 Navigate to Plug-ins

DRA	CLE [®] Enterprise	e Manager Cloud Contro	l 13c		Enterprise V		Eavorites •	History •	🔅 Setup 🔻 🔍 🌲	SYSM
We	lcome to								Add Target	•
Ent	erprise N	lanager C	loud Cor	trol 13c			Self Update		Extensibility	•
		nunugor e					Plug-ins		Proxy Settings	•
Dracle E provides	interprise Manager is (the industry's only cou	Dracle's integrated enterp molete_integrated and bu	Managemen	t Connectors	Security	+				
olution. nanager	Oracle Enterprise Ma ment capabilities of the	nager creates business v e Oracle stack for traditio	alue from IT by leveragi nal and cloud environm	ng the built-in ents, allowing	Monitoring during	ds Data Exchar	ige t Kit	Incidents Notifications) }	
ustome	rs to achieve unpreced	dented efficiency gains w	hile dramatically increa	sing service levels.	Automated stack	inagement patching for Exada	ta components	Oracle	Hybrid Cloud	
					View all the featur	es			Provisioning and Patching My Oracle Support	•
Select	Enterprise Mana	ger Home Page						Gettir	Middleware Management	+
ielect you lick an im	ir personal Home Page from age below for a larger pre	m one of the options below. Or wiew, then select a radio butto	nce selected, your persona in to choose your personal	I Home Page will appear the ne Home Page.	ext time you log in.			⊢ Veri	Manage Cloud Control)
			inthis dealer inthe					⊢ Con ⊢ Veri	Command Line Intertace Management Packs	ies ⊁vity
					E III			Add	An Additional OMS	
	Welcome Page	 All Targets 	O Sitemap	O Summary	O Databases			Cont	figure E-mail Notifications	
●	Best for: New Users	Best for: Enterprise Manager Administrators	Best for: All Users	Best for: Enterprise Manager Administrators	Best for: Database Administrators	\mathbf{b}		≻ Dow ≻ Dow	nload Management Agent : nload and Deploy Manager	Software nent Plug-i
	A 2 4 8 8		The second secon		The second secon			 Disc 	over Targets	
					a transfer and the second			⊢ Crea	te Administration Groups	
	There are the state of the stat		÷		je E			+ Crea	te Accounts and Assign R	oles
		0 504	O Middleware		○ Centines			Creat	ate Administrator Roles	

2. Select "OBP EM Plugin" then click "Undeploy From" \rightarrow "Management Servers".

Figure 3–14 Undeploy OBP EM Plugin

	lanager Cloud (control 13c			🛃 Enterprise 🔻 🎯 Targets 🔻 🌪 Eavorites 🔻 🕒 History 🕶 🥸 Setup 🗸 🌲 SYSMAN 🗸
Plug-ins This page lists the plug-ins available, down	loaded, and deploy	ed to the Enterprise	Manager system. Use	this page to dep	Page Referènd Jun 9, 2017 4:17:27 PM IST oy or undeploy plug-ins.
Actions 🔻 View 💌 👘 Deploy On	🔹 🎭 Undeploy F	rom 🔻 🦨 Cheo	sk Updates 🛛 🖾 De	ployment Acti	ities
	Managem	ent Servers		Managemer	
Name	La Managem	ant Agent	On	Agent with	Description
	Available	Downloaded	Server	Piug-II	
Applications (1)					
🕨 🚞 Cloud 🚯					
Databases (1)					
Engineered Systems (1)					
🕨 🚞 Middleware 🚯					
Servers, Storage and Netwo					
OBP EM Plugin	13.2.1.0.0	13.2.1.0.0	13.2.1.0.0		OBP EM Plugin
K Oracle Audit Vault	12.1.0.4.0	12.1.0.4.0 *			Enterprise Manager for Oracle Audit Vault provides monitoring and management of Oracle Audit Vault Server and its components.
K Oracle Audit Vault and Datab	13.2.1.0.0	13.2.1.0.0 *			Enterprise Manager for Oracle Audit Vauit and Database Firewall (AVDF) provides monitoring and management of AVDF system.
R Oracle Beacon	132000	132000	132000		Oracle Beacon plugin is required on the Magaged Hosts to support beacon test monitoring capability
OBP EM Plugin					
General Recent Deployment Activities					
Plug-in ID vendor o	oracle.system.odhs oracle	Sunnorted ver	Versions Do	wnloaded 13	2.1.0.0
Version on Management Server	13.2.1.0.0	supported ver	arona on Managerri	on agent A	

3. Enter sys password of OEM management repository. Click "Continue".



Figure 3–15 Password of OEM Management Repository

4. Review the selected plug-in and click "Undeploy".

Figure 3–16 Review the Selected Plug-in and Undeploy

	lanager Cloud (Control 13c] <u>T</u> argets ▼ ★ <u>F</u> avorites ▼	History -	Setup •	۹.	SYSMAN -
Plug-ins This page lists the plug-ins available, down Actions • View • 🎭 Deploy On	nioaded, and deploy • 💌 🍣 Undeploy I	Undeploy Plug-in From Management Server Review Name OBP EM Plugin			×	Page F	lefreshed Jun 9, 2	017 4:17:27 PM IST 👈
Name	Latest	Version 13.2.1.0.0 Management Servers						
	Available	Name		Currently Deployed Plug-in Version	Status			
Applications ()		ofsa3131551 in oracle com/4889 Management Service		132100	*			^
🕨 🛅 Cloud 🚯								
🕨 🛅 Databases 🚯								
🕨 🛅 Engineered Systems 🚺								
🕨 🚞 Middleware 🕕								
Servers, Storage and Netwo								
🚳 OBP EM Plugin	13.2.1.0.0							
G Oracle Audit Vault	12.1.0.4.0					udit Vault Server a	nd its components	
K Oracle Audit Vault and Datab	13.2.1.0.0					g and managemen	of AVDF system.	
Cracle Reacon	132000					anabilty		~
OBP EM Plugin								
General Recent Deployment Activities								
Plug-in ID	oracle.system.odhs			Back Undep	oy Cancel			^
Vendor	oracle	Supported versions on Management Agent All older rele	eased versions		A			
Version on Management Server	13.2.1.0.0							~

5. Review the undeployment process.

	anager Cloud Control 13c			Enterprise V	Targets	res ▼ (Hist <u>o</u> ry ▼	Setup •	0	SYS	MAN v
lug-ins Ig-ins > Deployment Activities aployment Activities							Page F	Refreshed Jun	9, 2017 4:31:	18 PM IST
								Auto R	efresh 15	Second
Recent Activities	News	Manajan	tatus Contant Tune	Destination	Job Nama		Start Time		ad Time	
All Activities Successful & studies	OBP FM Plugin	132100	Plug-in	ofss3131551 in oracle com48	8 PLUGIN UNDEPLOYME	NT 210 ORACLES	Jun 9, 2017 4:31	-12 PM	lun 9 2017 4	31:44 PN
Activities on Management Agent Deployment Activities Undeployment Activities										
Activities on Management Agent Deployment Activities Undeployment Activities	• Deployment Steps: OBP	EM Plugin								
Activities on Management Agent • Deployment Activities • Undeployment Activities	Deployment Steps: OBP Step	EM Plugin		Status	Start Time	End Time	Log File			
Activities on Management Agent Deployment Activities	Deployment Steps: OBP Step Submit job for undeployme	EM Plugin		Status 🗸	Start Time Jun 9, 2017 4:31:12 PM	End Time Jun 9, 2017 4:31:12	Log File PM emoms.k	9		
Activities on Management Agent Deployment Activities Undeployment Activities	Deployment Steps: OBP Step Submt job for undeployme Initialize	EM Plugin		Status	Start Time Jun 9, 2017 4:31:12 PM Jun 9, 2017 4:31:21 PM	End Time Jun 9, 2017 4:31:12 Jun 9, 2017 4:31:21	Log File PM emons.k PM confight	e Dg ugin_deconfig_	_2017-06-09_	16-31-1
Activities on Management Agent Deployment Activities	• Deployment Steps: OBP Step Submit job for undeployme InBalize Validate plug-in home	EM Plugin		Status	Start Time Jun 9, 2017 4:31:12 PM Jun 9, 2017 4:31:21 PM Jun 9, 2017 4:31:22 PM	End Time Jun 9, 2017 4:31:12 Jun 9, 2017 4:31:21 Jun 9, 2017 4:31:23	Log File PM emores.ic PM configol.	s 29 1gin_deconfig_ 1gin_deconfig_	2017-06-09_	16-31-1
Activities on Management Agent Deployment Activities Undeployment Activities	Deployment Steps: OBP Step Submt job for undeployme InBalize Validate plug-in home Perform custom preconfigi	EM Plugin		Status * * * * * * * * * * * * * * * * * * *	Start Time Jun 9, 2017 4:31:12 PM Jun 9, 2017 4:31:21 PM Jun 9, 2017 4:31:22 PM Jun 9, 2017 4:31:24 PM	End Time Jun 9, 2017 4:31:121 Jun 9, 2017 4:31:21 Jun 9, 2017 4:31:23 Jun 9, 2017 4:31:24	Log File PM emores in PM configor. PM configor. PM configor.	ogin_deconfig_ ugin_deconfig_ ugin_deconfig_	_2017-06-09_ _2017-06-09_ _2017-06-09_	16-31-1 16-31-1 16-31-1
Activities on Management Agent Deployment Activities Undeployment Activities	Deployment Steps: OBP Step Submit job for undeployme Induize Validaze plug-in home Perform custom preconfly Delete plug-in's metadata	EM Plugin		Status	Start Time Jun 9, 2017 4:31:12 PM Jun 9, 2017 4:31:21 PM Jun 9, 2017 4:31:22 PM Jun 9, 2017 4:31:24 PM Jun 9, 2017 4:31:24 PM	End Time Jun 9, 2017 4/31:12 Jun 9, 2017 4/31:21 Jun 9, 2017 4/31:23 Jun 9, 2017 4/31:23 Jun 9, 2017 4/31:30	Log File PM enome.k PM configek PM configek PM configek PM configek	9 99 19gin_deconfig_ 19gin_deconfig_ 19gin_deconfig_	_2017-06-09_ _2017-06-09_ _2017-06-09_ _2017-06-09_	16-31-1 16-31-1 16-31-1 18-31-1
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Figure 3–17 Review Undeployment

3.4.2 Delete Entry from Plugin Update List

- 1. Login in to EM console. Click "Setup" \rightarrow "Extensibility" \rightarrow "Plug-ins".
- 2. Select OBP plugin and click "Check Updates".

Figure 3–18 Check Updates

		lanager Cloud C	ontrol 13c			Enterprise 🔻	© <u>⊺</u> argets ▼	★ <u>F</u> avorites ▼	(L) Hist <u>o</u> ry▼	Setup •	0, 1		SYSMAN ¥
Plug-ins This page lists	the plug-ins available, down	loaded, and deploye	d to the Enterprise	Manager system. Use	this page to deplo	y or undeploy plug-ins.				Page Re	freshed Jun 1:	2, 2017 1	10:08:29 AM 1ST 👈
Actions 🔻	View 🔻 👘 Deploy On	▼ [®] o Undeploy Fr	rom 🔻 🛹 Che	ck Updates 🛱 De	ployment Activ	ties							
			Version		Management								
Name		Latest Available	Latest Downloaded	On Management Server	Agent with Plug-in	Description							
4 🖬 A	Applications 👔												^
4	🚳 Oracle Fusion Application	13.2.2.0.0	13.2.2.0.0 -		0	Enterprise Manager for Fusion A	Apps consists of mo	nitoring and managem	ent for Oracle Fusi	on and diagnostic	s in fusion ap	plication	area.
4	🚳 Oracle Siebel	13.2.1.0.0	13.2.1.0.0 *		0	Enterprise Manager for Oracle S	Siebel consists of mo	nitoring and managem	ent functionalities	for Oracle Siebel.			
) 🕨 🛅 C	Cloud 🚯												
) 🕨 🛅 D	atabases 🕦												
► in E	ngineered Systems 🚯												
) 🕨 🛅 M	liddle ware 🚯												
) 🕨 💼 S	ervers, Storage and Netwo												
(6)	BP EM Plugin	13.2.1.0.0	13.2.1.0.0 🎭		0	OBP EM Plugin							
OBP EM PI	ugin	121040	121040 🕸		0	Enterprise Manager for Oracle A	udit Vault provides.	monitoring and manag	ement of Oracle Ar	idit Vault Server a	nd its compo	nents	-
General	Recent Deployment Activities												
	Plug-in ID	oracle.system.odhs											^
Version o	Vendor o n Management Server	None	Versions Dow Des	nloaded 13.2.1.0.0	ugin								~

3. Click "Plug-in".



RACL	Enterprise M	lanager Cloud	Control 13c			Enterprise 🔻		Eavorites •	History •	Setup •	Q 🌢	SYSMA	N 🔻 👘
Self Updat Icle periodically Ick can be made	te provides new functiona e at any time.	lity and updates fo	r existing features in Ent	erprise Manager. The :	Self Update home allows ad	ministrators to recei	ive notifications and view	, download, and a	apply such update	Page Refre s. While these upda	ashed Jun 12, ates are retrie	2017 10:14:06 ved automatica	AM IST 🗙
Status												💭 In formatio	onal Updat
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Most Recent F Last Suc Refree	Refresh 😣 Jun 11, 20 Time Superstance Cocessful Sh Time	017 9:18:03 PM IST	Las	t Download Type	Plug-in		Last Apply Type	Plug-in					
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pe		Available Updates	Downloade Update	d Applied s Updates	Description								
Oracle Databa	ase Provisioning Profile	0		0 0	A collection of Software	Components used for	or provisioning of Oracle	Database, Cluster	rware and Grid Inf	frastructure homes.			
Plug-in		0	2	3 9	Plug-in extends Enterprise	Manager to manag	je newer target type as v	vell as to bring ve	rtical functionality				
Problem Analy	ysis	0		0 0	Problem Analysis Metadat	а							
Provisioning B	Bundle	0		0 0	Provisioning bundle is a c various Oracle and non-C	ollection of deploym racle Products.	ent procedures, softwar	e library entities, a	and other related a	artifacts that cater to	the provision	ning and patchir	ig of
st Activities: A	Agent Software												
tions	Status	OS Platform		Revision	Versi	on	Adminis	strator	SI	tart Time		1	Elapse Fime(Sec
		1		0	13.2.0	0.0	SVSMAN		4	or 24 2017 5-04-16	PMIST		0.1

4. Enter "OBP" and click search icon.

Figure 3–20 Search OPB

ORACL	E [*] Enterprise M	anager Cloud Control 13	с			1	Enterprise	• O <u>T</u> arge	ets • 🛉 <u>F</u> avorites •	History •	Setup •	۹ 🌲	SYSMAN ¥
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Plug-in Updat	tes					Ente	r text to rch						
Actions 👻 🚊	Download 🏦 Ap	oply 🔗 Plug-in 📑	Search Descriptio	OBP		9							
Status	OS Platform	Plug-in Name	Re	vision Ver	sion		Vendor	Siz Des	scription				
Applied	Generic Platfor	m Oracle Cloud Framework	0	13.2	2.0.0		ORACLE	8.1 Ente	erprise Manager for Cloud Fr	amework provides	the foundation se	rvices for Private Clo	oud management. 🔨
👬 Applied	Generic Platfor	m Oracle Fusion Middlewan	e 0	13.2	2.0.0		ORACLE	945 Ente	erprise Manager for Fusion N	liddleware consist:	s of monitoring and	i management for Or	acle Fusion Mi
🚞 Applied	Generic Platfor	m Systems Infrastructure	0	13.2	2.0.0		ORACLE	105 Ente	erprise Manager Systems Inf	rastructure plug-in	with support for d	atacenter hardware	, OS and virtual
👬 Applied	Generic Platfor	m Oracle Database	0	13.2	2.0.0		ORACLE	1,1 Ente	erprise Manager for Oracle E	atabase provides	comprehensive ma	inagement for Oracle	e Database and
TAPplied	Generic Platform	m Oracle Exadata	0	13.2	2.0.0		ORACLE	49. Ente	erprise Manager for Oracle E	xadata provides co	omprehensive man	agement for Oracle I	Exadata and rel
Downloaded	Generic Platfor	m Oracle Fusion Application	s 0	13.2	2.0.0		ORACLE	332 Ente	erprise Manager for Fusion A	pps consists of m	onitoring and mana	gement for Oracle F	usion and diag
Downloaded	Generic Platfor	m Oracle ORAchk Healthche	ecks 0	13.1	.1.0.0		ORACLE	17. Ente	erprise Manager for Oracle C	RAchk Health Che	cks provides proa	ctive health check ale	erts for Engine
👬 Applied	Generic Platfor	m Oracle Beacon	0	13.2	0.0.0		ORACLE	165 Ora	acle Beacon plugin is required	I on the Managed H	losts to support be	acon test monitoring	a capability
🖶 Annlied	Generic Platfor	m Oracle CSA	n	13.2	0.0.0		ORACIE	2.6 Clier	nt System Analyzer				~
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Download	Succeeded	Generic Platform	Oracle Cloud	Framework	0		1	3.2.2.0.0	SYSMAN		Apr 24, 2017	5:12:35 PM IST	0.11
Available	Succeeded	Generic Platform	Oracle Cloud	Framework	0		1	3.2.2.0.0	SYSMAN		Apr 24, 2017	5:12:35 PM IST	0.29

5. Select OBP plugin then click "Action" \rightarrow "Delete".

Figure 3–21 Deleting OBP Plug-in

	Enterprise N	Manager Cloud Control 1	3c		Enterprise 🔻	<u>■</u> Targets ▼	★ Eavorites ▼ BHistory ▼	Setup •	़ ♣	SYSMAN V
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🛓 Download	OS Platform	Plug-in Name	Revision	Version	Vendor	Siz Description				
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Actions Remove	Status Succeeded	OS Platform Generic Platform	Plug-in Name OBP EM Plugin	Revision 0	Ver 13.2	sion 1.1.0.0	Administrator SysMan	Start Time Jun 12, 2017 1	0:07:23 AM IST	Elapse Time(Sec 20.:
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6. Click "Delete".

Figure 3–22 Delete

s Self Update Self Update > Pugs in Search Description 08P Search Descript	ORACL	Enterprise M	lanager Cloud Contro	l 13c			Enterprise V		r ★ Eavorites ▼	(Hist <u>o</u> ry ▼	Setup -	् 🌲	SYSMAN ¥
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Figure 3–23 Confirmation

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Past Activities						ок					
Actions	Status	OS Platform	Plug-in Name	Revision	Ver	sion	Administrat	or	Start Time		Elapsed Time(Sec)
Remove	Succeeded	Generic Platform	OBP EM Plugin	0	13.2	.1.0.0	SYSMAN		Jun 12, 2017	10:07:23 AM IST	20.33
Apply	Succeeded	Generic Platform	OBP EM Plugin	0	13.2	.1.0.0	SYSMAN		Jun 9, 2017 4	1:50:59 PM IST	61.36
Download	Succeeded	Generic Platform	OBP EM Plugin	0	13.2	.1.0.0	SYSMAN		Jun 9, 2017 4	1:50:15 PM IST	0.52
Available	Succeeded	Generic Platform	OBP EM Plugin	0	13.2	1.0.0	SYSMAN		Jun 9, 2017 4	:50:15 PM IST	1.34

7. Review the process.

Figure 3–24 Review

ug-ins s page lists the plug-ins available, dov	vnloaded, and depl	loyed to the Enterprise	Manager system. Use	e this page to depli	Page Refreshed Jun 12, 2017 10:19:35 AM IST 🔧
Actions 🔻 View 💌 🎭 Deploy C	n 👻 🃸 Undeplo	y From 👻 🗳 Cheo	ck Updates 🖾 D	eployment Activ	ies
		Version		Managamant	
Name	Latest Available	Latest Downloaded	On Management Server	Agent with Plug-in	Description
Applications (1)					· · · · · · · · · · · · · · · · · · ·
🕨 📩 Cloud 🚯					
🕨 🛅 Databases 🚯					
🕨 🛅 Engineered Systems 🕦					
🕨 🛅 Middleware 🚺					
Servers, Storage and Network	0				
Gracle Audit Vault	12.1.0.4.0	12.1.0.4.0 🎭		0	Enterprise Manager for Oracle Audit Vauit provides monitoring and management of Oracle Audit Vauit Server and its components.
G Oracle Audit Vault and Data	13.2.1.0.0	13.2.1.0.0 *		0	Enterprise Manager for Oracle Audit Vault and Database Firewall (AVDF) provides monitoring and management of AVDF system.
Cracle Beacon	13.2.0.0.0	13.2.0.0.0	13.2.0.0.0	1	Oracle Beacon plugin is required on the Managed Hosts to support beacon test monitoring capability
-					Enterorise Mananer for Oracle Consolidation Planning and Chargeback provides metering, chargeback and consolidation planning for various

3.5 Deploy the Plugin in EM Agent.

- 1. Log to the EM machine.
- 2. 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.

3. 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 \rightarrow

./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

Figure 3–25 Running deploy_agent.sh



- 4. This script will prompt user to input following password.
 - a. OEM login/password
 - b. OEM secure port
 - c. OEM agent port
 - d. OEM management repository sys password
 - e. OBP DB password(Readonly will work)
 - f. OBP plug-in version
 - g. OBP environment name

45 | Oracle Banking Enterprise Originations Management Pack Setup Guide

4 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.

4.1 Verify the SOA Keys for Soa Service Creation

1. Log in to EM console. Click "Targets" \rightarrow "Middleware".

Figure 4–1 Select Middleware

	Manager Cloud Contro	ll 13c		Enterprise 🔻	© <u>T</u> argets ▼	★ <u>F</u> avorites ▼	History •	Setup •	0		SYSMAN V	
Welcome to Enterprise M	anager C	loud Con	trol 13 <i>c</i>		All Targets Groups Systems Services	Ctrl+Shift+T						Î
Oracle Enterprise Manager is Or provides the industry's only com solution. Oracle Enterprise Mana management capabilities of the (customers to achieve unprecede	acle's integrated enterp plete, integrated and bu gger creates business v Dracle stack for traditio nted efficiency gains wi	rise IT management pro siness-driven enterpris- alue from IT by leveragi nal and cloud environm- hile dramatically increa	oduct line, which e cloud management ng the built-in ents, allowing sing service levels.	Latest Featu Event compress Monitoring durin Improved SOA r View all the feat	Hosts Databases Middleware Business Appl Composite App	cations	Lear Oracle Oracle Oracle	n More Documentation Learning Libra University Con	n ry ırses			
Select Enterprise Manag	er Home Page						Getti	ng Started				
Select your personal Home Page from Click an image below for a larger previous	one of the options below. Or ew, then select a radio butto	nce selected, your personal on to choose your personal	Home Page will appear the ne Home Page.	text time you log in.			→ Ver → Cou → Ver → Ade	rify Software Lit nfigure Manage rify My Oracle \$ d An Additional	orary Setu ment Ager Support Co OMS	o nt Proxie innectivit	is V	
Welcome Page Best for: New Users	O All Targets Best for: Enterprise Manager Administrators	O Sitemap Best for: All Users	O Summary Best for: Enterprise Manager Administrators	O Databases Best for: Database Administrators			⊢ Coi ⊢ Doi ⊢ Doi	nfigure E-mail N wnload Manage wnload and Dep	lotification ment Age bloy Mana	s nt Softwa gement I	are Pluq-ins	
							⊢ Dis ⊢ Cre ⊢ Cre	cover Targets eate Administra eate Accounts a	tion Group and Assign	is 1 Roles		

2. Select one SOA domain.



Figure 4–2 Select SOA Domain

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

ORACLE' Enterprise Manager Clo	ud Control 13c	Enterprise ▼	★ Eavorites ▼ 🕒 History ▼ 🏟 Setup ▼	🔍 🌲 SYSMAN 🔻 🚥
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A the base_domain	Listen Port 7002 n Refreshed Apr 25, 2017 9:37:43 AM GMT			
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	et Incidents 9 on Changes 0			
	ostic Findings 0			
	nch Problems 🔀 3			

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Figure 4–4 Deployed Composites

- 4. Go to the wlsoutput_soa.properties file in the keys folder \rightarrow obp_em_view_script/temp_files/.
- 5. Add the composite names from the screen to the above file.
- 6. 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).

4.2 Execute Script to Create OBP OEM View

- 1. Login to the EM console.
- 2. Export the PATH to include OMS bin folder.

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

e.g. for DEMO \rightarrow

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

3. Export the EMCLI command path.

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

e.g. for DEMO \rightarrow

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

4. 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.

5. 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 \rightarrow

./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 \rightarrow

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:

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Figure 4–5 Services After Creation

4.3 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.

1. Select and click on the service.

Figure	4–6	Selecting	an Entry	/
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				1	•	-	8 4	1	8		•		Status	•	8			Status	Beacons
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OBP_INTG25_Monitoring_Service	Generic Service	+	System	-	-	-		-	-	-	-	OBP_INTG25_Monitoring_System	1	0	0	0	0	n/a	0
OBP_INTG25_UI_Service	Generic Service	+	Tests	-	-	-		-	-	-	-	/INTG25_UI_ofss310558_in_oracle_com_ui_domain /ui_domain	n/a	0	0	0	0	1	1
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2. Go to the "Generic Service" \rightarrow "Administration" \rightarrow "System Association".

Figure 4–7 Navigating to System Association

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OBP_INTG25_HOST_Service	e 0												
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Target Sitemap	Test S	ummary											
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System Error Time (minutes)	Past 0	changes											
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	Busin	ess Metrics											
	Edit S	ervice Level Rule											
		Agent Down Time											`

3. 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.

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Figure 4–8 Configuring Systems for Inclusion or Exclusion

5 Deploy Standalone Web Service War on OEM Weblogic Domain

5.1 Deploy of Deploying Standalone Web Service to Fetch DMS Metrics from Server

One user, for example an "oemuser" is to be provisioned in OID for OBP Host and UI. If we don't manage Weblogic user through OID then it is required to create a user named "oemuser" in Weblogic server locally for OBP host and UI.

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.

DRACLE WebLogic Server	Administration Console 12c						
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iew changes and restarts	Home >Summary of Servers						
lick the Lock & Edit button to modify, add r delete items in this domain.	Summary of Servers						
Lock & Edit Release Configuration	A server is an instance of WebLogic Server that r	uns in its own Java Virtual Machine (JVM) a	nd has its own configur	ration.			
main Structure	This page summarizes each server that has been o	configured in the current WebLogic Server	domain.				
Domain -Environment	52						
- Services - Security Realms	Customize this table						
Interoperability	Servers (Filtered - More Columns Exist)						
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Delete the Administration Server							
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	1						

Figure 5–1 Admin Console of EM Machine

1. Login to the admin console of EM machine.

Failed (0) Critical (0)

2. Click on "Deployments" and then click "Install".

Figure 5–2 Insta	ll Button Under	r Deployments
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	dministrat	tion Console 12c							Õ
Change Center	🙆 н	ome Log Out Preferences 🔝 Record Help	Q					Welcome, weblogic	Connected to: GCDoma
View changes and restarts	Hom	e >Summary of Deployments							
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Summ	ary of Deployments							
Lock & Edit Release Configuration	This first	s page displays a list of Java EE applications and selecting the application name and using the co	stand-alone application modules that har ntrols on this page.	ve been installed to this domain.	Installed	l applicatio	ns and modules can be	started, stopped, updated (redeployed), or dele	ed from the domain by
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GCDomain Deployments Deployments	Cus	stomize this table							
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(b) - Diagnostics		Name 🏟			State	Health	Туре	Targets	Deployment Order
		adf.oracle.businesseditor(1.0,12.1.3.0.0)			Active		Library	BIP_cluster, EMGC_ADMINSERVER, EMGC_OMS1	100
		Cadf.oracle.domain(1.0,12.1.3.0.0)			Active		Library	BIP_cluster, EMGC_ADMINSERVER, EMGC_OMS1	100
How do I		adf.oracle.domain.webapp(1.0,12.1.3.0.0)			Active		Library	BIP_cluster, EMGC_ADMINSERVER, EMGC_OMS1	100
Install an enterprise application		asm-3.1(13.2.0.0.0,3.1)			Active		Library	EMGC_OMS1	100
Configure an enterprise application		bijdbc(11.1.1)			Active		Library	BIP_cluster	300
Update (redeploy) an enterprise application Start and stop a deployed enterprise		bip-shared-libraries(11.1.1)			Active		Library	BIP_cluster	500
application • Monitor the modules of an enterprise		Dipublisher (11.1.1)			Active	🖋 ок	Enterprise Application	BIP_cluster	510
application Deploy EJB modules		© coherence-transaction-rar			Active	🖋 ОК	Resource Adapter	BIP_cluster, EMGC_ADMINSERVER, EMGC_OMS1	100
Install a Web application		Commons-math3-3.2(3.2,3.2)			Active		Library	EMGC_OM51	100
System Status		n difloader classpath			Active		Library	EMGC_OM51	100

- 3. Click on install button.
- 4. Select com.ofss.fc.ops.em.dms.ear located in PLUGIN_HOME (/scratch/app/product/obpplugin) and click "Next" button.

Figure	5-3	com.	.ofss.	fc.c	ops.	.em.	dms.	.ear	in	PL	UGIN	HOME
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Change Center	🔒 Home Log Out Preferences 🐼 Reco	ord Help	Welcome, weblogic Connected to: GCDomain
View changes and restarts	Home >Summary of Deployments		
No pending changes exist. Click the Release Configuration button to allow others to edit the domain. Lock & Edit Release Configuration	Install Application Assistant Back Next Finish Cancel Locate deployment to install and pree Select the file path that represents the applied. Select the file path that represents the applied. Select the file path that represents the applied.	pare for deployment plication root directory, archive file, exploded archive directory, or application module descriptor that you wa	nt to install. You can also enter the path of the application directory or file in the Path
Domain Structure	Note: Only valid file paths are displayed	halow. If you cannot find your deployment files upload your file(s) and/or confirm that your application cont	tains the required deployment descriptors
GCDomain (F-Environment III-Dappyments (F-Services III-Services IIII-Services IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Path: Recently Used Paths: Current Location: bop.en_view_script cripts cripts concofes.fc.ops.en.dms.ear Back New Finish Cancel	[/scratch/app/product/obpplugin/plugin/com.ofss.fc.ops.em.dms.ear /scratch/app/pc_ind/use_projecti/domaina/GCDomain/server/EMGC_ADMINSERVER/upload /scratch/app/product/obpplugin/plugin mum00bhd.in.oracle.com / scratch / app / product / obpplugin / plugin	
How do I			
Start and stop a deployed enterprise application Configure an enterprise application Create a deployment plan Target an enterprise application to a server Test the modules in an enterprise application			
System Status			
Health of Running Servers			
Failed (0)			

5. Select option "Install this deployment as an application" and click on "Next" button.

Figure 5–4 Install This Deployment as an Application

	dministration Console 12c O
Change Center	🟦 Home Log Out Preferences 🖾 Record Help
View changes and restarts	Home >Summary of Deployments
No pendig changes with Click the Release Configuring in buttion to allow others to est the domain Lock & Edit Release Configuration Opmain Structure GCDomain Deployments Deployments Deployments Deployments Deployments Deployments Deployments Deployments Deployments Deployments Deployments Deployments Deployments Deployments	Install Application Assistant
How do I 🖂	
 Start and stop a deployed enterprise application 	
Configure an enterprise application	
Create a deployment plan	
Target an enterprise application to a server	
Test the modules in an enterprise application	
System Status	
Health of Running Servers	
Failed (0)	

6. Select EMGC_OMS1 or BIP server as target and click on "Next" button.

Figure 5–5 EMGC_OMS1

	dministration Console 12c	Q
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: GCDomai
View changes and restarts	Home >Summary of Deployments	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain. Lock & Edit Release Configuration	Install Application Assistant Back Next Finish Cancel Select deployment targets	
Domain Structure	Select the servers analytic custers to which you want to deploy this application. (You can recompute deployment targets later), Available targets for com.ofcs.fc.gos.em.dms :	
CCComain () Environment) Operates) Services) Services) Services) Services) Intercopatibly () Intercopatibly () Diagnostics	Servers EHGC_ADMINSERVER EHGC_ON51 Clusters BEP_cluster Ø Pat of the cluster Ø Pat of the cluster	
How do I 🗉	ВЪР	
Start and stop a deployed enterprise application Configure an enterprise application	Back, Net, Finish Cancel	
Create a deployment plan Target an enterprise application to a conver		
Test the modules in an enterprise application		
System Status		
Health of Running Servers		
Failed (0)		

7. Enter name as "com.ofss.fc.ops.em.dms" and click on "Finish" button.

Figure 5–6 Finish

	r Administration Console 12c	Q
Change Center	🏦 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: GCDomain
View changes and restarts	Home >Summary of Deployments	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Install Application Assistant Back Net Finish Cancel	
Lock & Edit	Optional Settings	
Release Configuration	You can modify these settings or accept the defaults	
Domain Structure		
GCDomain ()-Environment -Deployments ()-Seru/ces -Seru/ces -Seru/ces	General What do you want to name this deployment? *Hame: Corn.ofss.fc.ops.em.dms Security What security model do you want to use with this application? @ DD Only: Use only roles and policies that are defined in the deployment descriptors. Ocustom Roles: Use roles that are defined in the Administration Console; use policies that are defined in the deployment descriptor.	
How do I	Custom Roles and Policies: Use only roles and policies that are defined in the Administration Console.	
 Start and stop a deployed enterprise application 	○ Advanced: Use a custom model that you have configured on the realm's configuration page.	
Configure an enterprise application	- Source Accessibility	
Create a deployment plan	How should the source files be made accessible?	
Target an enterprise application to a server Test the modules in an enterprise application	n () Use the defaults defined by the deployment's targets	
System Status	Recommended selection.	2
Health of Running Servers	O Copy this application onto every target for me	
Failed (0)	During deployment, the files will be copied automatically to the Managed Servers to which the application is targeted.	

8. 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.

Figure 5–7 Servicing All Request Option

Change Center		wercome, weblogic connected to: accome					
View changes and restarts	Home >Summary of Deployments						
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Summary of Deployments Control Montoring						
Luck & Edit Release Configuration Domain Structure GCDomain E-Hvironment Doployments S-Servicy Baltime Services	This page diplays 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 remeand using the controls on this page.						
Interoperability	Install Update Delete Start Stop	Showing 1 to 10 of 125 Previous Next					
a bignoter	Name A Servicing all requests	State Health Type Targets Deployment Order					
	adf.oracle.businessedtor(1.0,12.1.3.0.0)	Active Library BIP_cluster, EMGC_ADMINSERVER, 100					
	**adf.oracle.domain(1.0,12.1.3.0.0)	Active Library BIP_cluster, EMGC_ADMINSERVER, 100					
How do I	df.oracle.domain.webapp(1.0,12.1.3.0.0)	Active Library BIP_cluster.EMGC_ADMINSERVER, 100					
Install an enterprise application	asm-3.1(13.2.0.0.0.3.1)	Active Library EMGC_OMS1 100					
Configure an enterprise application	bijdbc(11.1.1)	Active Library BIP_cluster 300					
Update (redeploy) an enterprise application Start and stop a deployed enterprise	bip-shared-libraries(11.1.1)	Active Library BIP_cluster 500					
Monitor the modules of an enterprise application Deploy EIB modules	B Dipublisher (11.1.1)	Active & OK Enterprise BIP_cluster 510					
	Coherence-transaction-rar	Active V OK Resource Adapter BIP_cluster, EMGC_ADMINSERVER, 100					
Install a Web application	B Con.ofss.fc.ops.em.dms	Prepared & OK Enterprise BIP 100					
System Status 🖂	Commons-math3-3.2(3.2,3.2)	Active Library EMGC_OMS1 100					
Health of Running Servers	Initial Update Delete Startv Stopv Showing to 10 of 125 Previous Net						

9. Click on Yes button.

Figure 5–8 Yes Option

ORACLE WebLogic Server	Administration Console 12c	Q
Change Center	🔒 Home Log Out Preferences 🔛 Record Help	Welcome, weblogic Connected to: GCDomain
View changes and restarts	Home >Summary of Deployments	
No pending changes exit. Click the Release Configuration button to allow others to edit the domain. Lock & Edit Release Configuration CoDomain Gi-Environment Depolyment Bi-Security Relins Changes Billing Bi-Security Relins Changes Billing Bi-Depolyments	Start Application Assistant Ven No Start Deployments You have selected the following deployments to be started. Click 'Yes' to continue, or 'No' to cancel. • constrait.coptem.dms Ven No	
How do I		
No task help found.		
System Status		
Health of Running Servers		
Failed (0) Critical (0) Overloaded (0) Warning (0) OK (3)		

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

Figure 5–9 com.ofss.fc.ops.em.dms.ear in Active State

No pending changes exist. Click the Release	Summ	nary of Deployments							
Configuration button to allow others to edit the domain.	Control Monitoring								
Lock & Edt Release Configuration Domain Structure GCDomain P: Environment D-Deployments B: ServicesSecurity Reains	This page displays a list of Java EE applications and attand-sione 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 remodule for deployment to targets in this domain, click the Install button. V Customize this table Deployments								
Interoperability Diagnostics	1	nstall Update Delete Start v Stop v				1	Showing 1 to 10	of 125 Previous Next	
		Name 🗠		State	Health	Туре	Targets	Deployment Order	
		adf.oracle.businesseditor(1.0,12.1.3.0.0)		Active		Library	BIP_cluster, EMGC_ADMINSERVER, EMGC_OMS1	100	
		df.oracle.domain(1.0,12.1.3.0.0)		Active		Library	BIP_cluster, EMGC_ADMINSERVER, EMGC_OMS1	100	
How do I		df.oracle.domain.webapp(1.0,12.1.3.0.0)		Active		Library	BIP_cluster, EMGC_ADMINSERVER, EMGC_OMS1	100	
Install an enterprise application		asm-3.1(13.2.0.0.3.1)		Active		Library	EMGC_OMS1	100	
Configure an enterprise application		bijdbc(11.1.1)		Active		Library	BIP_cluster	300	
Update (redeploy) an enterprise application Start and stop a deployed enterprise		bip-shared-libraries(11.1.1)		Active		Library	BIP_cluster	500	
application Monitor the modules of an enterprise		🖲 🗃 🔂 bipublisher (11.1.1)		Active	🖋 ОК	Enterprise Application	BIP_cluster	510	
application		a coherence-transaction-rar		Active	🖉 ОК	Resource Adapter	BIP_cluster, EMGC_ADMINSERVER,	100	
Install a Web application						Enterprise	ENGC_ONSI		
		Com.ofss.fc.ops.em.dms		Active	🖉 ОК	Application	BIP	100	
System Status		commons-math3-3.2(3.2,3.2)		Active		Library	EMGC_OMS1	100	
Health of Running Servers	Install Update Delete Startw Stop/w Showing 1 to 10 of 125 Previous Next								
Failed (0)									

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

GCDomain B-Environment Deployments	© Customize this table							
Security Realms	In	Install Update Delete Start Stop Showing 1 to 10 of 125 Previous Next						
⊞-Diagnostics		Name 🌣	State	Healt	Туре	Targets	Deployment Order	
		adf.oracle.businesseditor(1.0,12.1.3.0.0)	Active		Library	BIP_cluster, EMGC_ADMINSERVER, EMGC_OMS1	100	
		Cadf.oracle.domain(1.0,12.1.3.0.0)	Active		Library	BIP_cluster, EMGC_ADMINSERVER, EMGC_OMS1	100	
How do I		Sadf.oracle.domain.webapp(1.0,12.1.3.0.0)	Active		Library	BIP_cluster, EMGC_ADMINSERVER, EMGC_OMS1	100	
Install an enterprise application		masm-3.1(13.2.0.0.0,3.1)	Active		Library	EMGC_OMS1	100	
Configure an enterprise application		6bjdbc(11.1.1)	Active		Library	BIP_cluster	300	
Update (redeploy) an enterprise application Start and stars a deployed enterprise		6 bip-shared-libraries(11.1.1)	Active		Library	BIP_cluster	500	
Monitor the modules of an enterprise		🖲 🕞 bipublisher (11.1.1)	Active	🛩 ок	Enterprise Application	BIP_cluster	510	
Application Deploy EJB modules		Scoherence-transaction-rar	Active	🛩 ок	Resource Adapter	BIP_cluster, EMGC_ADMINSERVER, EMGC_OMS1	100	
Install a Web application	Б	Com.ofss.fc.ops.em.dms	Active	🛩 ок	Enterprise Application	BIP	100	
System Status		Modules						
Health of Running Servers		@com.ofss.fc.connector.rar			Resource Adapter			
Failed (0) Critical (0) Overloaded (0) Warning (0) OK (3)		Com.ofss.fc.em.dms			Web Application			
		E EBs						
		None to display						
		Web Services						
		@AggreDMSInquiryService			Web Service			
		Commons-math3-3.2(3.2,3.2)	Active		Library	EMGC_OMS1	100	

Figure 5–10 com.ofss.fc.connector.rar Option

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

Figure 5–11 Credential Mapping

ORACLE WebLogic Server	Administration Console 12c	Q					
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: GCDomain					
View changes and restarts	Home > Summary of Deployments > convolss. fc.convector.rar > Roles						
No perioding changes still. Click the Relass Configuration ballow others to edit the domain. Lock & Edit Relass Configuration Domain Structure CCConain B) - Environment - Socruby Relame - Socruby Relame - Socruby Relame	Settings for convolves, focumentar nar Overview Configuration Security Control Testing Monitoring Role Polices Outbound Credential Happings Inbound Principal Mapp Outbound codertal imagings for all outbound connection pools in the resource adapter, or specify adapter. Polices Outbound connection pools in the resource adapter, or specify adapter. V cutomize this table Outbound Credential Happings Eventsize this table	ange Principale mannes in the Enterprise Information System (EIS) to which you want to connect using a resource adapter. You can use default outbound oredential particular outbound oredential mappings for individual connection pools. This page contains the table of outbound oredential mappings for this resource					
Diagnostics	New Delats Showing 0 to 0 of 0 Previous Next						
	UVLS User 🗠 EIS User	Outbound Connection Pool					
		There are no items to display					
	New Delete	Shawing 0 to 0 of 0 Previous Next					
How do I							
Create outbound credential mappings Delete outbound credential mappings							
System Status							
Health of Running Servers							
Failed (0) Critical (0) Overloaded (0) Warning (0) OK (3)							

12. Check option for "ra/OBPDMSConnector" and Click "Next".

Figure 5–12 ra/OBPDMSConnector

	dministration Console 12c O
Change Center	🟦 Home Log Out Preferences 🖾 Record Help
View changes and restarts	Home >Summary of Deployments >com.ofss.fc.connector.rar >Roles
No performance and Cirk he Release Configuration button to allow others to etil the domain. Lock & Edit Release Configuration Domain Structure CoChonain 01 - Security Relman 02 - Security Relman 02 - Security Relman 03 - Security Relman 03 - Security Relman 03 - Drapoparability	Create a New Security Credential Mapping Create a New Security Credential Mapping Create a New Security Credential Map Entry for: C
B Degrooos	re/DMSOBPHodAdminConnector Resource Adapter Default Showing 1 to 2 of 2 Previous Next Back Next Prink Cancel
How do I	
Create outbound credential mappings	
System Status	
Health of Running Servers	
Failed (0) Critical (0) Overloaded (0) Warning (0) OK (3)	

13. Select option "Default User" and Click "Next".

Figure 5–13 Default User

14. Set username and password as created as OBP Host and UI Weblogic admin server and click "Finish".

Figure 5–14 Username and Password

	Administration Console 12c		Q					
Change Center	😭 Home Log Out Preferences 🖂 Record Help 📃 🔍 Welcome, weblogic Connected to: GCDou							
View changes and restarts	Home >Summary of Deployments >com.ofss.fc.connector.rar > Roles							
No pending changes exist. Click the Release Configuration button to allow others to edit the domain. Lock & Edit	Create a New Security Credential Mapping Back New Pnth Crede EIS User Name and Password							
Release Configuration	Configure the EIS User Name and Password that you would	Configure the EIS User Name and Password that you would like to map the WebLogic Server User to:						
Domain Structure	- Indicates required fields							
GCD-main ⊕Environment ⊨Deployments ⊕Sarvices ⊨Sacurity statims ⊕ Intercopeability ⊕ Diagnostics	Enter the EIS User Name: EIS User Name: EIS Password: EIS Password: Confirm Password: Data Data Data Data Data	0emuser						
How do I	Back wext Pintan Cance							
Create outbound credential mappings								
System Status 🖂								
Health of Running Servers								

6 Create and Deploy SEED Data to Run OBP Plugin

6.1 Seed Creation of OBP Server and Domain Details to Run OBP Plugin

1. 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
```

2. 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 07.13.22.00000000 PM','DD-MON-RR HH.MI.SSXFF AM'),'ofssuser',to_timestamp ('16-OCT-15 07.13.22.00000000 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

3. 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');

4. 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 07.13.22.00000000 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');

5. 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 07.13.22.00000000 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');