Oracle® Banking Corporate Lending Setup Plug-Ins



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ORACLE

Oracle Banking Corporate Lending Setup Plug-Ins, Release 14.8.0.0.0

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1.5.1 Startup Script Modification



Preface

This topic contains the following sub-topics:

- Purpose
- Audience
- Documentation Accessibility
- Critical Patches
- Diversity and Inclusion
- Related Resources
- Conventions
- Screenshot Disclaimer
- Acronyms and Abbreviations

Purpose

This guide describes the pre-deployment tasks to setup the Plug-in by manually before Oracle FLEXCUBE deployment. It provides detail information about the pre-deployment tasks based on the on the selected plug-ins.

Audience

This manual is intended for the following User/User Roles:

Table 1	Audience
---------	----------

Role	Function
Administrator Who controls the system and application parameters and ensure smooth functionality and flexibility of the banking application.	
Implementation team	Implementation of Oracle Banking Corporate Lending Solution
Pre-sales team Install Oracle Banking Corporate Lending for demo purpose	
Bank personnel	Who installs Oracle Banking Corporate Lending

The user of this manual is expected to have basic understanding of Oracle Banking Application installation.

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Related Resources

For more information on any related features, refer to the following documents:

- Oracle Banking Corporate Lending User Guides.
- Oracle Banking Corporate Lending Installation Guides.

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.

Table 2 Conventions

Screenshot Disclaimer

Personal information used in the interface or documents is dummy and does not exist in the real world. It is only for reference purposes.



Acronyms and Abbreviations

The acronyms and abbreviations are listed in this below table:

Table 3 Acronyms and Abbreviations

Abbreviations or Acronyms	Definition
BAM	Business Activity Monitoring
BIP	Business Intelligence Publisher
BPEL	Business Process Execution Language
BPMN	Business Process Model and Notation
EAR	Enterprise Archive file
EM	Enterprise Manager
FTP	File Transfer Protocol
IMAP	Internet Message Access Protocol
JMS	Java Message Service
JDBC	Java Database Connectivity
JNDI	Java Naming and Directory Interface
SOA	Service-Oriented Architecture
SMTP	Simple Mail Transfer Protocol

1 Set Up Plug-Ins

This topic contains the following sub-topics:

- Introduction This topic describes the pre-deployment tasks to set up plug-ins before Oracle FLEXCUBE deployment.
- Integrate Oracle FLEXCUBE UBS and BPEL This topic explains integration of Oracle FLEXCUBE UBS and BPEL.
- Integration of Oracle FLEXCUBE UBS and Scheduler This topic explains Integration of Oracle FLEXCUBE UBS and Scheduler.
- Integration of Oracle FLEXCUBE UBS and BIP Reports This topic explains integration of Oracle FLEXCUBE UBS and BIP Reports.
- Integration of Oracle FLEXCUBE UBS and MBean This topic explains to integrate Oracle FLEXCUBE UBS with MBean plug-in.

1.1 Introduction

This topic describes the pre-deployment tasks to set up plug-ins before Oracle FLEXCUBE deployment.

You need to carry out certain tasks manually before Oracle FLEXCUBE deployment. This guide provides the details of pre-deployment tasks based on the selected plug-ins.

1.2 Integrate Oracle FLEXCUBE UBS and BPEL

This topic explains integration of Oracle FLEXCUBE UBS and BPEL.

If you have created the EAR file with BPEL as a plug-in, the installer will create the **FCJJPSProvider.jar** file in the BPELbuild folder alongside the Oracle FLEXCUBE UBS EAR file. Before deploying the Oracle FLEXCUBE UBS EAR file, you must complete the following tasks.

This topic contains the following sub-topics:

- Configure Custom Authentication Provider
 This topic provides systematic instructions to configure the Custom Authentication
 Provider.
- Configure Libovd For Single Entity This topic provides the systematic instructions to configure libovd for a single entity.
- Configure Libovd for Multi Entity This topic provides the systematic instructions to configure libovd for multi entity.
- Configure Multiple Providers for Multiple Entities This topic explains to configure multiple providers for multiple entities.
- Configure DBAdapter This topic explains the steps to configure DBAdapter.



- Configure JMS Adapter This topic explains to configure JMS Adapter.
- Configure FTP Adapter This topic explains to configure FTP Adapter using the below steps.
- BAM Report Configuration settings This topic explains the configuration settings for BAM reports.
- Configure IPM to Edit Document This topic explains to edit the document using the IPM configuration.
- Configure Supervisor Roles in EM This topic explains to configure supervisor roles in the Oracle Enterprise Manager.
- Configure Email Driver This topics explains the steps to configure the Email Driver.
- Configure TimeOut Settings for BPEL
 This topic explains steps to configure TimeOut Settings for BPEL.

1.2.1 Configure Custom Authentication Provider

This topic provides systematic instructions to configure the Custom Authentication Provider.

FCUBS Custom Authenticator Provider configuration must be done through the Weblogic console of SOA or manually update the config.xml of the SOA domain.

Follow the below steps to setup Custom Authentication Provider:

- Along with the FCUBS Ear file, the installer generates the FCUBSAuthenticationProvider.jar file in the BPELbuild folder. Copy this file in the following path on the application server host <ORACLE HOME>\wlserver\server\lib\mbeantypes.
- 2. Restart the Admin Server.
- 3. Login to the Console.
- 4. Click Security Realms.

Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Q	Welcome, weblogic Connected to: Dev1201_dom
View changes and restarts	Home >Summary of Security Realms		
Configuration editing is enabled. Future	Home Page		
changes will automatically be activated as you modify, add or delete items in this domain.	- Information and Resources		
Domain Structure	Helpful Tools	General Information	
Dev 1201_domain ⊕-Environment →Deployments ⊕ Services ⊕ Services ⊕ Interoperability ⊕ Diagnostics	Configure applications Configure advision of the configure advisor Configure advisor of the context Recent Task Status Set your console preferences Oracle Enterprise Manager	Common Administration Task Descriptions Read the documentation Ask a question on My Orade Support	
	- Domain Configurations		
	Domain	Services	Interoperability
	• Domain	Messaging JMS Servers	WTC Servers Joit Connection Pools
How do I 🖂	Environment Servers	 Store-and-Forward Agents JMS Modules 	Diagnostics
Search the configuration Use the Change Center Record VLST Strotts Change Console preferences Manage Console preferences Montor servers System Status Fieldh of Running Servers Failed (0) Critical (0) Userning (0)	Gardes Gardes Gardes Grandes Gardes Gardes Gardes Goberence Clusters Goberence Clusters Virtual Nots Order Deployed Resources Opployments Deployments Your Application's Security Settings Security Readen	Path Services Bridges Data Sources Persistent Stores Work Registries Work Contexts Foreign 3/00 Providers Work Contexts JCOM Nal Sessions Hall Sessions JTA OSGI Prameworks	Log Files Disprosite Modules Built-To Diagnostic Modules Built-To Diagnostic Modules Diagnostic Images Request Performance Archives Context StateP Charts and Graphs Monitoring Dashboard @

Figure 1-1 Oracle Weblogic Server - Security Realms

5. Click myrealm.

Figure 1-2 Oracle Weblogic Servers_SecurityRealm_myrealms

Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Q	Welcome, weblogic Connected to: soa_don		
View changes and restarts	Home >Summary of Servers >Summary of Security Realms >r	nyrealm >Providers >FCUBS >Summary of Security Realms >r	nyrealm >Summary of Security Realms >myrealm >Summary of Security Realms		
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Summary of Security Realms				
Domain Structure	A security realm is a container for the mechanisms-including users, groups, security rolices, and security providersthat are used to protect WebLogic resources. You can have multiple active security realms in a WebLogic Server domain, but only one can be set as the default security realm, which is reserved for domain administrative purposes.				
soa_domain I®-Domain Partitions I®-Environment	This Security Realms page lists each security realm that has been configured in this WebLogic Server domain. Click the name of the realm to explore and configure that realm.				
Deployments D-Services	Customize this table				
Security Realms Theroperability Diagnostics	Realms (Filtered - More Columns Exist) New Delete		Showing 1 to 1 of 1 Previous Next		
	🔲 Name 🏟	Default Realm			
	myrealm	true			
	New Delete		Showing 1 to 1 of 1 Previous Next		
How do I 🖂	I				
Configure new security realms					
 Enable automatic realm restart 					
Delete security realms					
Change the default security realm]				
System Status 🖂	1				
Health of Running Servers					
Failed (0) Critical (0) Overloaded (0)					
Warning (0) OK (3)					

6. Click the **Providers** tab and then click the **New** button to create a new authentication provider.



DRACLE WebLogic Server Ad	ministration Console 12c		
hange Center	🔒 Home Log Out Preferences 🔤 Record Help	Q	Welcome, weblogic Connected to: soa_server
/iew changes and restarts	Home >Summary of Security Realms >myrealm >Providers		
to pending changes exist. Click the Release	Settings for myrealm		
Configuration button to allow others to edit the fomain.	Configuration Users and Groups Roles and Policies Crede	ntial Mappings Providers Migration	
Lock & Edit	Authentication Password Validation Authorization Adju	dication Role Mapping Auditing Credential Mapping Certification Path	
Release Configuration			
pa_server_bpel H-Domain Partbions H-Environment Doployments H-Services Security Realms	Different types of Authentication providers are designed to acce Customize this table Authentication Providers		
H-Interoperability H-Diagnostics	New Delete Reorder		Showing 1 to 4 of 4 Previous Ne
	U Name	Description	
	FCJCustomProvider	Authentication provider for FLEXCUBE users	FCUBS 12.2
	Trust Service Identity Asserter	Trust Service Identity Assertion Provider	1.0
	DefaultAuthenticator	WebLogic Authentication Provider	1.0
low do I	DefaultIdentityAsserter	WebLogic Identity Assertion provider	1.0
Configure authentication and identity assertion providers Configure the Password Validation provider Manage security providers Set the JAAS control flag Re-order authentication providers	New Delite Reorder		Showing I to 4 of 4 Previous Ne
ystem Status			
lealth of Running Servers as of 6:37 AM			
Failed (0) Critical (0) Overloaded (0)			

Figure 1-3 Oracle Weblogic Server - Providers

7. Specify the Provider name as **FCJCustomProvider** and type as **FCUBSUserAuthenticator** and click **OK**.

Figure 1-4 Oracle Weblogic Server - Providers - Create New Authentication Provider

	Administration Console 12c	<u>Q</u>				
Change Center	😭 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: Dev1201_domain				
View changes and restarts	Home >Summary of Security Realms >myrealm >Providers >FC3CustomProvider >Providers					
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Create a New Authentication Provider OK Cancel					
Domain Structure	Create a new Authentication Provider					
Dev 120 1_domain -Environment -Deployments -Services	The following properties will be used to identify your new Authentication Provider. * Indicates required fields					
Security Realms ⊡-Interoperability ⊡-Diagnostics	The name of the authentication provider. * Name: FCJCustomProvider					
	This is the type of authentication provider you wish to create. Type: FCUBSUSer/Authenticator					
How do I	OK Cancel					
Manage security providers						
Configure Authentication and Identity Assertion providers						
System Status						
Health of Running Servers						
Failed (0) Critical (0) Overloaded (0) Warning (0) OK (3)						
WebLogic Server Version: 12.1.3.0.0 Copyright (c) 1996.2014. Oracle and/or its affiliates. Oracle is a registered trademark of Oracle Corporat	All rights reserved. Son and/or is affliates. Other names may be trademarks of their respective owners.					

8. Click the **Reorder** button.



Change Center	Home Log Out	Preferences 🔤 R	ecord Help		2			v	Velcome, weblog	ic Connected to: Dev1201_doma
View changes and restarts	Home >Summary o	Home >Summary of Security Realms >myrealm >Providers >FG3CustomProvider > Providers								
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Messages	ion cancelled - no Ar	uthentication Provid	ders created.						
	Settings for myre	alm								
Domain Structure	Configuration U	sers and Groups	Roles and Policies	Credential Mapp	nas Provide	Migrati	ion			
Dev 120 1_domain		Password Validati			Role Mapping	Auditing	Credential Mapping	Certification Path	Keystores	
	Customize this Authentication New Delete	Providers							St	nowing 1 to 4 of 4 Previous Next
How do I	Name				Description					Version
	Name									
	FCJCustomF	rovider			Authentication p	rovider for F	ELEXCUBE users			FCUBS 12.1
Configure Authentication and Identity Assertion providers	FCJCustomF	rovider e Identity Asserter			Authentication p Trust Service Ide					FCUBS 12.1 1.0
Configure Authentication and Identity Assertion providers Configure the Password Validation provider Manage security providers	FCJCustomF	e Identity Asserter			•	ntity Assert	tion Provider			
Configure Authentication and Identity Assertion providers Configure the Password Validation provider Manage security providers Set the JAAS control flag	FCJCustomF	e Identity Asserter enticator			Trust Service Ide	ntity Assert	tion Provider ovider			1.0
Configure Authentication and Identity Assertion providers Configure the Password Validation provider Manage security providers	FCJCustomF	e Identity Asserter enticator tityAsserter			Trust Service Ide WebLogic Auther	ntity Assert	tion Provider ovider		St	1.0

Figure 1-5 Oracle Weblogic Server - Providers - Reorder

The Reorder Authentication Providers screen displays.

Figure 1-6	Oracle Weblogic Server	- Settings for FCJCustomProvider

ORACLE WebLogic Server A	Administration Console 12c	Q
Change Center	🕼 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: Dev1201_domain
View changes and restarts	Home >Summary of Security Realms >myrealm >Providers >PCJCustomProvider >Providers	
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Reorder Authentication Providers OK Cancel	
Domain Structure	Reorder Authentication Providers	
Dev 1201_domain #) Environment Deployments B: Services Security Realms B: Interoperability	You can reorder your Authentication Providers using the lat below. By reordering Authentication Providers, you can alter the authentication Select authenticator(a) in the lat and use arrows to move them up and down in the list.	on sequence.
Ĥ-Diagnostics	Available: FCQ.ustomProvider Trust Service Identity Asset DefaultAuthenticator DefaultIdentityAsserter Z	
How do I		
Re-order Authentication providers Set the JAAS control flag	OK Cancel	
System Status		
Health of Running Servers		
Failed (0) Critical (0) Overloaded (0) Warning (0) OK (3)		
OK (3) WebLogic Server Version: 12.1.3.0.0 Copyright (c) 1996,2014, Oracle and/or its affiliates. A	All right reserved.	

- 9. On the **Reorder Authentication Providers** screen, bring the newly created provider to the first of all providers and click **OK**.
- **10.** Click **FCJCustomProvider**.

The Settings for FCJCustomProvider screen displays.



Change Center	Home Log Out Preference	es 🛃 Record Help	Q	Welcome, weblogic Connected to: Dev1201_domain
View changes and restarts	Home >Summary of Security R	ealms >myrealm >Providers >FCJC	ICustomProvider >Providers >FCJCustomProvider	r
Configuration editing is enabled. Future	Settings for FCJCustomPro	vider		
changes will automatically be activated as you modify, add or delete items in this domain.	Configuration			
Domain Structure	Common Provider Specifi	c		
Dev 1201_domain	Save			
Deployments	This page allows you to defin	ne the general configuration of th	this provider.	
Security Realms	8월 Name:	FCJCustomProvider		
⊕-Diagnostics	e Description:	Authentication provider	for FLEXCUBE users	
	6월 Version:	FCUBS 12.1		
	e Control Flag:	SUFFICIENT -		
How do I	Save			
No task help found.				
System Status				
Health of Running Servers				
Failed (0)				
Critical (0)				
Overloaded (0) Warning (0)				
OK (3)				

Figure 1-7 Settings for FCJCustomProvider - Common

- 11. In the Common tab, change the **Control flag** to **SUFFICIENT** from the drop-down list.
- 12. In Provider Specific tab, perform one of the following actions:
 - a. Set JNDIName as Flexcube JNDI Name.
 - If external authentications are used in FCUBS, then specify the LDAP/MSAD related fields.
- 13. For manual edit, browse the **config.xml** file from the following folder:

\Middleware\user_projects\domains\base_domain\config\
The following codes should be added at proper locations in the config.xml file.

Search for <realm> tag and add the following code between <realm> and </realm> tags. This should be the first child of the realm Node.

```
<sec:authentication-provider xmlns:nl="http://fcubs.ofss.com/security"
xsi:type="nl:fcubs-user-authenticatorType">
   <sec:name>FCJCustomProvider</sec:name>
   <sec:control-flag>SUFFICIENT</sec:control-flag>
   <nl:msad-or-ldap-login-required>true</nl:msad-or-ldap-login-required>
   <nl:external-password-required>true</nl:external-password-required>
   <nl:authentication-type>MSAD</nl:authentication-type>
   <nl:ldap-server-ip-and-port>LDAP://localhost:389</nl:ldap-server-ip-
and-port>
   <nl:ldap-ssl-enabled>true</nl:ldap-ssl-enabled>
   <nl:security-authentication-type>simple</nl:security-authentication-type>
   <nl:ldap-domain-name>OFSS.COM</nl:ldap-domain-name>
   <nl:ldap-server-time-out-duration>0</nl:ldap-server-time-out-duration>
</sec:authentication-provider>
</sec:authentication-provider>
```

• Make sure tag values matches the value given during Property file creation.

1.2.2 Configure Libovd For Single Entity

This topic provides the systematic instructions to configure libovd for a single entity.

Follow the steps below to configure the libovd details for a single entity:

- Along with the Oracle FLEXCUBE UBS EAR file, the installer generates the FCJJPSProvider.jar file inside the BPELbuild folder under the SOURCE directory.
- 2. On the application server host, create a folder by the name classes at the following location <MIDDLEWARE HOME>soa\soa\modules\oracle.soa.ext 11.1.x.
- 3. Extract the FCJJPSProvider.jar file and copy the com folder from the extracted content to the following location: <MIDDLEWARE HOME>soa\soa\modules\oracle.soa.ext 11.1.x\classes.
- 4. Navigate to the location
 <MIDDLEWARE_HOME>soa\soa\modules\oracle.soa.ext_11.1.x\classes\com\
 ofss\fcc\bpel\cac.
- Edit the properties file CISProperties.properties and update JNDI.name with the JNDI name same as Entity Name given in Multi Entity Names screen while creating property file fcubs.properties, example: jdbc/fcjdevDS.
- 6. Copy FCJJPSProvider.jar to <MIDDLEWARE_HOME>/user_projects/domains/ <domain name>/config/fmwconfig/ovd/plu gins/lib.
- 7. Create the directory structure if it does not exists.
- 8. Copy the fcubs_adapter.xml to the following location:

<MIDDLEWARE HOME>/oracle common/modules/oracle.ovd/templates/

- 9. Search for param name= DataSource in fcubs_adapter.xml and update its value with FCUBS Datasource name, for example: The updated parameter would look like <param name="DataSource" value="jdbc/fcjdevDS"/>.
- 10. Set environment variables in the command prompt, example: for Linux shell,

```
export ORACLE_HOME=/scratch/app/bpm12212(setting ORACLE_HOME) export WL_HOME=/
scratch/app/bpm12212/wlserver(setting WL_HOME) export JAVA_HOME=/scratch/
work_area/DBA/jdk1.8.0_144 (setting JAVA_HOME)
```

- **11.** Execute the libovdadapterconfig script which is available in <MIDDLEWARE_HOME>/ oracle common/bin with below parameters.
- 12. Specify the below arguments with values for admin server host name or IP that are:
 - Admin server port
 - WebLogic User ID
 - Domain Home
 - Fcubs datasource

./libovdadapterconfig.sh -adapterName fcubsadapter -adapterTemplate
fcubs_adapter.xml -host <ADMIN_SERVER_HOST> -port <ADMIN_PORT> -userName
<WEBLOGIC_USERID> -domainPath <DOMAIN_HOME> -dataStore DB -root
ou=fcubs,dc=oracle,dc=com -contextName default - dataSourceJNDIName
<FCUBS DATASOURCE JNDI>

13. Once the above steps are completed, a message will displays and stating that **Adapter created successfully: fcubsAdapter**.



14. Restart the server.

1.2.3 Configure Libovd for Multi Entity

This topic provides the systematic instructions to configure libovd for multi entity.

Follow the steps given below to configure the libovd for multi entity.

- 1. Continue step 1 to step 5 from Configure Libovd For Single Entity
- 2. In the following steps, replace the <EntityId> tag with the proper Entity name.
- Copy the fcubs_adapter_<EntityId>.xml to <MIDDLEWARE_HOME>/oracle_common/ modules/oracle.ovd/templates/
- 4. Search for <FCUBSDATASOURCE> in fcubs_adapter_< EntityId>.xml and update it with fcubs Datasource with the mapped Datasource for the entity in the property file.

For example: <param name="DataSource" value="<FCUBSDATASOURCE>"/>

5. Search for UserIdPattern Parameter and update the value for OU to the entity name in lower case.

For example: <param name="UserIdPattern"
value="cn=%USERID%,ou=<EntityId>,dc=oracle,dc=com"/>

6. Search for MultiEntityEnabled element and update the value to true.

For example: <param name="MultiEntityEnabled" value="true"/>

 Search for EntityId element and update the value with the entity name in lower case which we have created.

For example: <param name="EntityId" value=" <EntityId>"/>

8. Search for ou=fcubs and update with entity id in lower case.

For example: ou= EntityId

- Execute libovdadapterconfig script which is present in <MIDDLEWARE_HOME>/ oracle common/bin with below parameters.
- **10.** Update the admin server host name or IP, admin server port, WebLogic user id, domain home, root, and fcubs datasource.

libovdadapterconfig.sh -adapterName fcubsAdapter -adapterTemplate
fcubs_adapter_< EntityId >.xml -host <ADMIN_SERVER_HOST> -port <ADMIN_PORT> userName <WEBLOGIC_USERID> - domainPath <DOMAIN_HOME> -dataStore DB -root
ou=<EntityId>,dc=oracle,dc=com -contextName default -dataSourceJNDIName
<FCUBSDATASOURCE name which we mapped in step4>

- **11.** Repeat from step 2 to step 7 for each entity creation.
- **12.** Once the above steps are completed, restart the server.

Note:

For any misconfiguration in libovd, delete the existing fcubsAdapter and re-run the **./libovdadapterconfig.sh**.

For deleting fcubsAdapter use the below command:

a. Log in to the WSLT console by running the WLST script.

For example:

- UNIX: MW_HOME/oracle_common/common/bin/wlst.sh
- Windows: MW HOME\oracle common\common\bin\wlst.cmd
- b. Connect to your Administration Server using the following syntax: connect ('<WLS admin user name>','<WLS admin password>','t3://<admin server host>:<admin server port>')

For Example: connect('weblogic', 'weblogic', 't3://myserver:7001')

c. Delete the misconfigured adapter using the following syntax: deleteAdapter(adapterName='fcubsAdapter')

Note:

• In the case of Multi Entity, all data sources must be created separately for each entity. The JNDI name will be differentiated by suffixing the entity name.

Example: If Data source is **jdbc/fcjDevDs** then **jdbc/fcjDevDs+entity name** will be lookup the application. (**jdbc/fcjDevDs+entity name**) **jndi** should be presented in application server.

 For multi tenant deployment, BPMN support will be available only for the logged entity.

1.2.4 Configure Multiple Providers for Multiple Entities

This topic explains to configure multiple providers for multiple entities.

- **1.** Login to the Adminserver.
- 2. Click Security Realms.

The Oracle Weblogic Server screen displays.



Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Q	Welcome, weblogic Connected to: Dev1201_domai
View changes and restarts	Home >Summary of Security Realms		
Configuration editing is enabled. Future changes will automatically be activated as you	Home Page		
modify, add or delete items in this domain.	- Information and Resources		
Domain Structure	Helpful Tools	General Information	
Dev 120 L_domain	Configure applications Configure GridLink for ARC Data Source Configure a Dynamic Cluster Recent Task Status Set your console preferences Oracle Enterprise Manager	Common Administration Task Descriptions Read the documentation Ask a question on My Oracle Support	
	Domain Configurations		
	Domain	Services	Interoperability
	• Domain	Messaging JMS Servers Store-and-Forward Agents	WTC Servers Jolt Connection Pools
How do I	Environment • Servers	JMS Modules	Diagnostics
Search the configuration Use the Canage Console preferences Anage Console preferences Anage Console extensions Anage Console extensions Anotor servers System Status Pailed Pailed Critical (0) Critical (0) Overloaded (0) Warning (0)	Clusters Server Templates Migratable Targets Goherence Clusters Migratable Targets Whusi Hosts Whusi Hosts Work Nanagers Startup And Shutdown Classes Your Deployed Resources Deployments Your Application's Security Settings Security Settings	Path Services Bridges Data Sources Persistemt Stores XML Registries XML Entity Caches Foreign XILE Thriv Caches Foreign XILE Thriv Caches Vick-Contexts Vick-Contexts Vick-Caches JCA Mail Sessions FileT3 JTA OSSI Frameworks	Log Files Diagnostic Modules Built-in Diagnostic Modules Diagnostic Modules Diagnostic Images Request Performance Archives Context StateP Charits and Graphis Monitoring Dashboard

Figure 1-8 Oracle Weblogic Server

3. Click myrealms.

The Summary of Security Realms screen displays.

Figure 1-9	Summary o	f Security Realms
------------	-----------	-------------------

Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Q	Welcome, weblogic Connected to: soa_don
View changes and restarts	Home >Summary of Servers >Summary of Security Realms >	myrealm >Providers >FCUBS >Summary of Security R	ealms >myrealm >Summary of Security Realms >myrealm >Summary of Security Realms
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Summary of Security Realms		
Domain Structure	A security realm is a container for the mechanismsinduc active security realms in a WebLogic Server domain, but	ing users, groups, security roles, security policies, only one can be set as the default security realm, w	and security providersthat are used to protect WebLogic resources. You can have multiple hich is reserved for domain administrative purposes.
soa_domain + Domain Partitions + Environment	This Security Realms page lists each security realm that h	as been configured in this WebLogic Server domain	. Click the name of the realm to explore and configure that realm.
Deployments	Customize this table		
Security Realms	Realms (Filtered - More Columns Exist)		
Diagnostics	New Delete		Showing 1 to 1 of 1 Previous Next
	🔲 Name 🏟	Default Realm	
	myrealm	true	
	New Delete		Showing 1 to 1 of 1 Previous Next
How do I 🗉			
Configure new security realms			
 Enable automatic realm restart 			
Delete security realms Change the default security realm			
System Status			
Health of Running Servers			
Failed (0) Critical (0) Overloaded (0) Warning (0) Or(3)			

4. Click the **Providers** tab.

The Settings for myrealms - Providers screen displays.

Change Center	Home Log Out Preferer	nces 🔤 Record Help	Q		Welcome, weblogic Connected to: so		
View changes and restarts	Home >Summary of Security	Realms >myrealm >Provid	lers >FCUBS >Summary of Sec	myrealm >Summary of	Security Realms >myrealm >Summary of Security Realms >myrealm		
Configuration editing is enabled. Future	Settings for myrealm						
changes will automatically be activated as you modify, add or delete items in this domain.	Configuration Users an	nd Groups Roles and Po	olicies Credential Mappings	Providers	Migration		
Oomain Structure	General RDBMS Securit	ty Store User Lockout	Performance	P	Providers- Tab		
a domain B-Domain Pettions Penvironment Deployments S-services -services -interoperability		enting security using JACC				115), you must use the DD Only security model. Other WebLogic Server model	
B-Diagnostics	Name:	the security functions for	myrealm	The name of this security realm. More Info			
	🁸 Security Model Defa	ult:	DD Only	•		Specifies the default security model for Web applications or E3Bs that are secured by this security realm. You can override this default during deployment. More Info	
How do I • Configure new security realms • Enable automatic realm restart	🗹 👍 Combined Role M	lapping Enabled		Determines how the tole mappings in the Enterprise Application, Web application, and E38 containers interact. This setting is valid only for Wel applications and E38 that use the Advanced esecurity model and that inil roles from deployment descriptors. More Info			
Manage security for Web applications and EJBs Set the default security model	🔄 🕂 Use Authorization	n Providers to Protect	t JMX Access	Configures the WebLogic Server MBean servers to use the security real Authorization providers to determine whether a JMX client has permission access an MBean attribute or invoke an MBean operation. More Info			
Delegate MBean authorization to the realm System Status	Automatically Resta	rt After Non-Dynamic	Changes	Specifies whether the Realm will be auto-restarted if non-dynamic character made to the realm or providers within the realm. More Info			
Health of Running Servers	Retire Timeout:		60			Specifies the retire timeout for a realm that is restarted. The old realm w shutdown after the specified timeout period has elapsed. More Info	
Faled (0) Critical (0) Overloaded (0) Warning (0) OK (3)	- D Advanced			зпитали аго и сусился инслицения на сернии - месьники.			

Figure 1-10 Settings for myrealms - Providers

5. Click New.

Figure 1-11 Settings for myrealms - Authentication Providers

Change Center	Home Log Out	Preferences 🔤 R	ecord Help		Q				Welcome, weblo	gic Connected to: soa_dom		
View changes and restarts	Home >myrealm >I	Providers > FCUBS > Si	ummary of Security	Realms >myrealm	Summary of Sec	urity Realms >	myrealm >Summary of	Security Realms >myre	alm >Providers			
Configuration editing is enabled. Future	Settings for myre	Settings for myrealm										
changes will automatically be activated as you modify, add or delete items in this domain.	Configuration U	Isers and Groups	Roles and Policies	Credential Map	oings Provide	ers Migrat	ion					
Domain Structure	Authentication	Password Validatio	Authorization	Adjudication	Role Mapping	Auditing	Credential Mapping	Certification Path				
2: Donain Partitions 3: Environment Deployments 3: Service 3: Environment 3: Environments 3: Environm	An Authentication providers in a sec Customize this Authentication	urity realm. Differen i table Providers	oLogic Server to es t types of Authent	stablish trust by v. ication providers a	alidating a user. \ re designed to a	'ou must hav	ve one Authentication p nt data stores, such a	provider in a security r s LDAP servers or DBN	4S.	gure multiple Authentication		
	Name	Description			Shown	Version						
	FCUBS				Authentication	provider for I	FLEXCUBE users			FCUBS 12.2		
How do L	Trust Servic	e Identity Asserter			Trust Service Id	entity Asser	tion Provider		1.0			
Configure Authentication and Identity	DefaultAuth	WebLogic Authe	entication Pro	ovider			1.0					
Assertion providers	DefaultIden	itityAsserter			WebLogic Ident	ity Assertion	provider		1.0			
Configure the Password Validation provider Manage security providers Set the JAAS control flag Re-order Authentication providers	New Delete	Reorder							Showin	g 1 to 4 of 4 Previous Next		
System Status 🖂	Ì											
Health of Running Servers												
Failed (0) Critical (0) Overloaded (0) Warning (0)												

6. Specify the Name with proper Entity Name (entity name you mapped in property file) and select the type as **FCUBSUserAuthenticator** and click **OK**.

The Create a New Authentication Provider screen displays.



ORACLE WebLogic Server A	dministration Console 12c	9
Change Center	🔒 Home Log Out Preferences 🖾 Record Help	Welcome, weblogic Connected to: soa_don
View changes and restarts	Home >FCUBS >Summary of Security Realms >myrealm >Summary of Security Realms >myrealm >Summary of Security Realms >	myrealm >Providers >ENTITYID > Providers
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Create a New Authentication Provider OK Cancel	
Domain Structure	Create a new Authentication Provider	
soa_domain Domain Partitions -Environment -Deployments	The following properties will be used to identify your new Authentication Provider. **Indicates required fields	
Services Security Realms	The name of the authentication provider.	
 Interoperability Diagnostics 	Name: ENTITYID	
	This is the type of authentication provider you wish to create. Type: FCUBSUser/Authenticator	
How do I	OK Cancel	
Manage security providers		
Configure Authentication and Identity Assertion providers		
System Status		
Health of Running Servers		
Faled (0) Critical (0) Overloaded (0) Warning (0) OK (3)		
WebLogic Server Version: 12.2.1.0.0 Copyright (c) 1996.2015, Oracle and/or its affiliates. A Oracle is a registered trademark of Oracle Corporatio	n Inghts reserved. on andjor is alfiliaes. Other names may be trademarks of their respective owners.	

Figure 1-12 Create a new authentication Provider

 Click Reorder. Bring the Authenticatiorprovider to the first in the order and click OK. The Reorder Authentication Providers screen displays.

Figure 1-13 Reorder Authentication Providers

ORACLE WebLogic Server Ad		
Change Center	Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: soa_dom
View changes and restarts	Home >FCUBS >Summary of Security Realms >myrealm >Summary of Security Realms >myrealm >Summary of Security Realms >my	yrealm >Providers >ENTITYID > Providers
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Reorder Authentication Providers OK Cancel	
Domain Structure	Reorder Authentication Providers	
soa_domain P-Domain Partitions P-Environment	You can reorder your Authentication Providers using the list below. By reordering Authentication Providers, you can alter the	e authentication sequence.
Popologyments Services Services Services Security Realms Interoperability Diagnostice	Select authentication Providers: Authentication Providers: Available: Trust Service Identity Assee Default/Authenticator Default/IdentityAsserter OK Cancel	
 Set the JAAS control flag 		
System Status		
Health of Running Servers		
Failed (0) Critical (0) Overloaded (0) Warning (0) Ok (3)		

8. Click the Provider that you have created.

The Settings for myrealms - Providers - New Provider screen displays.



Change Center	🟦 Home Log Out Preferences 🔤 Record Help								Welcome, weblogi	c Connected to: soa_dom	
View changes and restarts	Home >myrealm >	Home >myrealm >Summary of Security Realms >myrealm >Summary of Security Realms >myrealm >Providers >ENTITYID >Providers >ENTIT							s		
Configuration editing is enabled. Future	Settings for myr	Settings for myrealm									
changes will automatically be activated as you modify, add or delete items in this domain.	Configuration I	Jsers and Groups	Roles and Policies	Credential Mappir	gs Provider	s Migratio	n				
Domain Structure	Authentication	Password Validat	ion Authorizatio	n Adjudication	Role Mapping	Auditing	Credential Mapping	Certification Path			
osa_domain Domain Partitons Picrivionment Deployments Piseruity Realms Pinteroperability Diagnostics	An Authentication providers in a set Customize thi Authentication New Delet	curity realm. Differe s table Providers	ebLogic Server to e nt types of Autheni	stablish trust by vali iication providers an	lating a user. Yo designed to acc	u must have ess differen	one Authentication t data stores, such a	provider in a security re is LDAP servers or DBM	s.	ure multiple Authentication	
	Name	I	Description					Version			
	ENTITYID			,	uthentication pr	ovider for FL	EXCUBE users			FCUBS 12.2	
How do I	FCUBS	FCUBS				ovider for FL		FCUBS 12.2			
Configure Authentication and Identity	Trust Servi	ce Identity Asserter		1	rust Service Ide	ntity Assertio		1.0			
Assertion providers	DefaultAut	henticator		1	VebLogic Auther	tication Prov		1.0			
Configure the Password Validation provider	DefaultIde	ntityAsserter			VebLogic Identit	Assertion p	rovider			1.0	
Manage security providers Set the JAAS control flag Re-order Authentication providers	New Delet	e Reorder							Showing	1 to 5 of 5 Previous Next	
System Status Health of Running Servers											
-											
Failed (0) Critical (0) Overloaded (0)											
Warning (0) OK (3)											

Figure 1-14 Settings for myrealms - Providers - New Provider

- In the Common tab, select the control flag as SUFFICIENT from the list and click Save.
 The Settings for ENTITYID common tab screen displays.
 - Figure 1-15 Settings for ENTITY ID Common

ORACLE WebLogic Server A										
Change Center	3	g Out Preferences			Q		Welcome, weblogic Connected to: soa_d			
View changes and restarts	Home >Summ	ary of Security Realm	ıs >myrealm >Summa	ary of Security Re	ealms >myrealm >Pr	roviders >ENTITYID >Prov	iders >ENTITYID >Providers >ENTITYID			
Configuration editing is enabled. Future changes will automatically be activated as you	Settings for E	Settings for ENTITYID								
changes will automatically be activated as you modify, add or delete items in this domain.	Configuratio	n								
Domain Structure	Common	Provider Specific								
soa_domain 영·Domain Partitions 영·Environment	Save									
Deployments	This page all	lows you to define th	he general configura	ation of this prov	vider.					
Services Security Realms	🛃 Name:		ENTITYID							
Interoperability Diagnostics	🛃 Descript	tion:	Authentication	provider for FLE	EXCUBE users					
	dersion:	6	FCUBS 12.2							
	de Control F	flag:	SUFFICIEN	1T 💌						
How do I	Save									
No task help found.										
System Status										
Health of Running Servers										
Failed (0)										
Critical (0) Overloaded (0)										
Overloaded (0) Warning (0)	i i i i i i i i i i i i i i i i i i i									
OK (3)										
WebLogic Server Version: 12.2.1.0.0 Copyright (c) 1996,2015, Oracle and/or its affiliates. A Oracle is a registered trademark of Oracle Corporatio	All rights reserved.	Other names may be	s trademarks of their r	respective owner						

10. Select the **Provider Specific** tab.

The Settings for ENTITYID - Provider Specific screen displays.



ettings for ENTITYID	ary of Security Realms >myrealm >Providers >ENTITYID >Providers	s >ENTITYID >Providers >ENTITYID						
onfiguration	Configuration							
Common Provider Specific								
Save								
This page allows you to configure additional attribute	as for this security provider.							
街 Ldap Server Ip And Port:	localhost389							
委 JNDIName:	jdbc/fcjdevDS							
🗐 街 External Password Required								
街 Ldap Server Time Out Duration:	0							
🗏 🏀 Multi Entity Enabled								
Ecurity Authentication Type:	simple 💌							
🚝 Entity Id:	ENT1							
🏀 Ldap Domain Name:	OFSS.COM							
□ 委 Ldap SSLEnabled								
🗐 街 Msad Or Ldap Login Required								
a Authentication Type:	MSAD 💌							
Save								
	Save This page allows you to configure additional attributes (2) Idap Server Ip And Port: (2) JUDIName: (2) Add Deserver Time Out Duration: (3) (4) External Password Required (4) External Password Required (5) Excurity Authentication Type: (6) Entity Id: (6) Entity Id: (6) Idap SSLEnabled (6) (4) SSLEnabled (6) Mada Or Idap Login Required (6) Authentication Type:	Save This page allows you to configure additional attributes for this security provider. (a) Lidap Server Ip And Port: (b) Lidap Server Ime Out Duration: (c) Huils Entity Enabled (c) External Password Required (c) Music State Password Required (c) Music Or Lidap Login Required (c) Music Password Required						

Figure 1-16 Settings for ENTITYID - Product Specific

11. Change the **JNDIName** to the Datasource JNDI name, which has mapped to the entity in the property file level, and select the **Multi Entity enabled** checkbox.

Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Q	Welcome, weblogic Connected to: soa_do
View changes and restarts	Home >Summary of Security Realms >myrealm >Sun	mary of Security Realms >myrealm >Providers >ENTITYID >Providers	ers >ENTITYID >Providers >ENTITYID
Configuration editing is enabled. Future	Settings for ENTITYID		
changes will automatically be activated as you modify, add or delete items in this domain.	Configuration		
Domain Structure	Common Provider Specific		
soa_domain			
Domain Partitions	Save		
Deployments	This page allows you to configure additional attrit	butes for this security provider.	
Services Security Realms Thereoperablity	denter Line Server Ip And Port:	localhost 389	
E-Diagnostics	de JNDIName:	jdbc/fcjdevDS	
	🗐 🛃 External Password Required		
	den Ldap Server Time Out Duration:	0	
How do L			
No task help found.	🗹 🛃 Multi Entity Enabled		
	Security Authentication Type:	simple -	
System Status			
Health of Running Servers	de Entity Id:	ENT1	
Faled (0)	🚝 Ldap Domain Name:	1	
Critical (0) Overloaded (0)		OFSS.COM	
Warning (0) OK (3)	🗐 🛃 Ldap SSLEnabled		
	📕 👘 Msad Or Ldap Login Required		
	all Authentication Type:	MSAD .	
	Save		



12. Specify the Entity ID with the Entity name which you have created in the property file level and click Save.

Change Center	🏠 Home Log Out Preferences 🔤 Record Help	٩	Welcome, weblogic Connected to: soa_do
View changes and restarts	Home >Summary of Security Realms >myrealm >Summar	ry of Security Realms >myrealm >Providers >ENTITYID >Providers >	>ENTITYID >Providers >ENTITYID
Configuration editing is enabled. Future	Settings for EIITITYID		
changes will automatically be activated as you modify, add or delete items in this domain.	Configuration		
Domain Structure	Common Provider Specific		
soa_domain Domain Partitions	Save		
Environment Deployments	This page allows you to configure additional attributes	s for this security provider.	
B Services 	🦺 Ldap Server Ip And Port:	localhost389	
Diagnostics	🚝 JNDIName:	jdbc/fcjdevDS	
1	External Password Required		
	🛃 Ldap Server Time Out Duration:	0	
How do I 🖂	🗹 🛃 Multi Entity Enabled		
	E Security Authentication Type:	simple 💌	
System Status	₫∰ Entity Id:	ENT1	
Failed (0) Critical (0) Overloaded (0)	년 Ldap Domain Name:	OFSS.COM	
Warning (0) OK (3)	🗐 👸 Ldap SSLEnabled		
	📕 👸 Msad Or Ldap Login Required		
	e	MSAD 💌	
	Save		

Figure 1-18 Settings for ENTITYID - Provider Specific - Entity Id

- **13.** Create the new datasource for each entity with the JNDI name, which you mapped in the property file.
- 14. Restart the Admin Server.
- **15.** Continue step 1 to step 15 for each provider creation in a multi-entity scenario.

1.2.5 Configure DBAdapter

This topic explains the steps to configure DBAdapter.

To configure DBAdapter, follow the steps given below:

 Log in to Weblogic Console and click Deployment under Domain Structure. The Summary of Deployments screen displays.



Change Center	😭 Home Log Out Preferences 🔤 Record Help	Q	v	/elcome, weblogic Conne	cted to: Dev1201_don
View changes and restarts	Home >Summary of Deployments				
Configuration editing is enabled. Future	Summary of Deployments				
changes will automatically be activated as you modify, add or delete items in this domain.	Control Monitoring				
Domain Structure	This page displays a list of Java EE applications and stand-alone appli	ration modules that have been installed to this	domain Installed application	re and modules can be starte	d stopped undated
ev 120 Johnain - Deployments - Deployments - Services - Security Realms - Interoperability - Dagnostics	(redeployed), or deleted from the domain by first selecting the applic To instal a new application or module for deployment to targets in thi Customize this table Deployments	ation name and using the controls on this page			
	Install Update Delete Start V Stop V			Showing 1 to 47	of 47 Previous Nex
	🔲 Name 🗇	State	Health Type	Targets	Deployment Order
ow do I	AqAdapter	Active	V OK Resource Adapter	soa_server1	324
Instal an enterprise application	🗇 🖽 🔂 b2bui	Active	OK Enterprise Application	soa_server1	313
Configure an enterprise application Update (redeploy) an enterprise application	BamComposer	New	Enterprise Application	bam_server1	500
Start and stop a deployed enterprise application	BamCQService	New	Enterprise Application	bam_server1	300
Monitor the modules of an enterprise application	E BamServer	New	Enterprise Application	bam_server1	400
Deploy EJB modules Install a Web application	E BPMComposer	Active	V OK Enterprise Application	soa_server1	385
System Status 🖂	coherence-transaction-rar	Active	OK Resource Adapter	AdminServer, bam_server1, soa_server1	100
lealth of Running Servers	CoherenceAdapter	Installed	Resource Adapter		331
Failed (0) Critical (0)	DbAdapter	Active	OK Resource Adapter	soa_server1	322
Overloaded (0) Warning (0)	E_DefaultToDoTaskFlow	Active	OK Enterprise Application	soa_server1	314
OK (2)	B DMS Application (12.1.3.0.0)	Active	OK Web Application	AdminServer, bam_server1, soa_server1	5
	E Com	Active	OK Enterprise Application	AdminServer	400
	E FCUBSApp (12.1.0.0)	Prepared	Enterprise	soa server1	500

Figure 1-19 Summary of Deployments

- 2. In the Deployments table, select **DbAdapter** and you will be navigated to **Settings for DbAdapter** screen.
- 3. Click the **Configuration** tab and select **Outbound Connection Pools**.

The Settings for DBAdapter screen displays.

Figure 1-20 Settings for DBAdapter

Change Center	Home Lo	og Out Prefere	ences 📐 Record Help			Q				Welcome, weblogic Connected to: Dev1201_dom
View changes and restarts	Home >Sum	mary of Deploy	ments >DbAdapter							
Configuration editing is enabled. Future	Settings for	DbAdapter								
changes will automatically be activated as you modify, add or delete items in this domain.	Overview	Deployment P	Plan Configuration	Security	Targets	Control	Testing	Monitoring	Notes	
Domain Structure	General	Properties (Outbound Connection	n Pools	Admin Object	s Workk	ad Inst	rumentation		
ev1201_domain #: Environment -:-Deployments #: Services #: Interoperability #: Otagonstics	by connect Pool group	tion factory int . Click the nam	erface and the instance	s are listed to configu	by their JNDI	names. Ex	pand a gro	up to obtain		represent Outbound Connection Pool groups. Groups are listed a Connection Pool instance within an Outbound Connection below.
a bigroote	New	Delete								Showing 1 to 1 of 1 Previous Next
	Grou	ups and Insta	ances						Connection Factory Inte	face
		vax.resource.	cci.ConnectionFactory						javax.resource.cci.Connectio	nFactory
	New	Delete								Showing 1 to 1 of 1 Previous Next
How do I										
Configure outbound connection pool properties										
System Status	i									
Health of Running Servers										
Failed (0) Critical (0)										
Overloaded (0)										
OK (2)										
Overloaded (0) Warning (0)										

4. Under Groups and Instances, click and expand javax.resource.cci.ConnectionFactory.

- Click New and select javax.resource.cci.ConnectionFactory in Outbound Connection Group.
- 6. Define JNDI Name as eis/DB/FCCDEV and click Finish.

The jndi name should be the same as the one in the Dbutility sub-process.

- 7. Click the **DbAdapter** again.
- 8. Click the Configuration tab and select Outbound Connection Pools.
- 9. Under Groups and Instances, click and expand javax.resource.cci.ConnectionFactory. The new JNDI name is listed.
- **10.** Click on the eis/DB/FCCDEV link.

The Settings for javax.resource.cci.ConnectionFactory screen displays.

Figure 1-21 Settings for javax.resource.cci.ConnectionFactory

Change Center	Home Home	Log Out Prefe	rences 🔤 Re	ecord Help		2	Welcome, weblogic Connected to: Dev1201_doma
View changes and restarts	Home >St	ummary of Deplo	yments >DbAd	lapter			
View changes and restarts Configuration editing is enabled, Future changes will automatically be activated as you modify, add or delete litems in this domain. Domain Structure			urce.cci.Con	nectionFactory			
	General	Properties	Transaction	Authentication	Connection Por	Logging	
Jomain Structure	This page		uisuu sed medi	fu the configuration	properties of this	s outbound connection pool. Properties you modify here are s	much to a deployment plan
ev 1201_domain Ð-Environment Deployments Ð-Services	Outbour	nd Connection		ry the configuration	properces or an	o a board connection pool. Properites you mouny here are s	
Security Realms	Save						Showing 1 to 8 of 8 Previous Next
	Proper	ty Name 🚕		Property Type	Prope	rty Value	Supports Dynamic Updates
	DataSou	urceName		java.lang.String	jdbc/fcj	devDS	false
	Defaulth	NChar		java.lang.Boolean	false		false
	Platform	ClassName		java.lang.String	org.edi	ose.persistence.platform.database.Oracle10Platform	false
	Sequence	cePreallocationS	ize	java.lang.Integer	50		false
	UsesBat	chWriting		java.lang.Boolean	true		false
How do I	UsesNat	tiveSequencing		java.lang.Boolean	true		false
Configure outbound connection pool	UsesSkip	oLocking		java.lang.Boolean	true		false
properties	XADataS	SourceName		java.lang.String			false
System Status 🖂	Save						Showing 1 to 8 of 8 Previous Next
Health of Running Servers							
Faled (0) Critical (0) Overloaded (0) Warring (0) OK (2)							

- **11.** Click the **Property Value** field for the **DataSourceName** and update the application JNDI reference (given in fcubs.properties file), and press the **Enter** key.
- 12. Click Save and restart the Admin server.

1.2.6 Configure JMS Adapter

This topic explains to configure JMS Adapter.

To configure JMS Adapter, follow the steps given below.

 Log in to Weblogic Console and click on JMS Servers under Domain Configurations -Services.

The Weblogic Console Home Page displays.



③ 10.184.135.218:7001/console/console	e.portal?_nfpb=true&_pageLabel=HomePage1	V C Soogle	● ● 合 ● ● 合	Ξ
ORACLE WebLogic Server	Administration Console 12c			Ç
Change Center	🔒 Home Lag Out Preferences 🔤 Record Help	9	Welcome, admin Connected to: Alpha	Doma
View changes and restarts	Home >AlphaDomain >Summary of JMS Servers			
Configuration editing is enabled. Future	Home Page			
changes will automatically be activated as you modify, add or delete items in this domain.	- Information and Resources			
Domain Structure	Helpful Tools	General Information		
Jomain Structure	Configure applications	 Common Administration Task Descriptions 		
Prenapoman Augustation Augustation Augustation August Augu	 Configure GridLink for RAC Data Source 	 Read the documentation 		
-Servers	Configure a Dynamic Cluster	 Ask a guestion on My Oracle Support 		
E-Clusters E	Recent Task Status	· Aux a question on the orable outport		
Coherence Clusters	Set your console preferences			
Machines	Oracle Enterprise Manager			
Work Managers				
Startup and Shutdown Classes	- Domain Configurations			
Deployments El-Services	Domain	Services	Interoperability	
El-Messaging			WTC Servers	
JMS Servers	Domain	Messaging JMS Servers	Jolt Connection Pools	
Store-and-Enrward Anents]	Store-and-Forward Agents	Joit Connection Pools	
How do I		 Store-and-Porward Agents IMS Modules 		
	Servers	 DMS Modules Path Services 	Diagnostics	
Search the configuration	Clusters	 Path Services Bridges 	Log Files	
Use the Change Center	 Server Templates 		Diagnostic Modules	
Record WLST Scripts	 Migratable Targets 	Data Sources	Built-in Diagnostic Modules	
Change Console preferences	Coherence Clusters	Persistent Stores	Diagnostic Images	
Manage Console extensions	Machines	XML Registries	Request Performance	
Monitor servers	Virtual Hosts	XML Entity Caches	Archives	
	Work Managers	 Foreign JNDI Providers 	Context	
System Status 🖂	Startup And Shutdown Classes	Work Contexts	SNMP	
Health of Running Servers		• jCOM		
Failed (0)	Your Deployed Resources	Mail Sessions	Charts and Graphs	
Critical (0)	Deployments	FileT3	Monitoring Dashboard Ø	
Overloaded (0)		• JTA		
Warning (0)	Your Application's Security Settings	 OSGI Frameworks 		
CK (2)	Security Realms			
]			

Figure 1-22 Oracle Weblogic Console Home Page

2. Click New.

The Summary of JMS Servers screen displays.

Figure 1-23 Summary of JMS Servers

10.184.135.218:7001/console/console.	.portal?_nfpb=true&_pageLabel=JmsServe	envisserver rabierage	⊽ C Soogle		7	☆自		п
DRACLE WebLogic Server Ad	dministration Console 12c							ç
hange Center	🔒 Home Log Out Preferences 🔤 Re	cord Help			Welcome, adr	nin Conne	cted to: A	lphaDor
fiew changes and restarts	Home > AlphaDomain > Summary of JMS	Servers						
onfiguration editing is enabled. Future hanges will automatically be activated as you hodify, add or delete items in this domain.	Summary of JMS Servers							
omain Structure		iners for the queues and topics in JMS modules the						
phaDomain Converses Conve	This page summarizes the JMS servers Customize this table JMS Servers (Filtered - More Colum	that have been created in the current WebLogic S mns Exist)	erver domain.					
Machines Virtual Hosts	New Delete				Showi	ng 1 to 8 of	8 Previo	us Next
Work Managers Startup and Shutdown Classes	🔲 Name 🏟	Persistent Store		Target	Current Targe	et.	Heal	th
Deployments 3-Services	BamAlertEngineJmsServer	BamAlertEngineJmsFi	eStore	BAMServer	BAMServer			
-Messaging	BamCQService3msServer_BAMSer	rver BamCQServiceJmsFile	Store_BAMServer	BAMServer	BAMServer			
Store-and-Forward Anents	BamReportCacheJmsServer	BamReportCacheJms	FileStore	BAMServer	BAMServer			
ow do I	BamServerJmsServer_BAMServer	BamServerJmsFileSto	re_BAMServer	BAMServer	BAMServer			
Configure JMS servers	BPMJMSServer	BPMJMSFileStore		SOAServer	SOAServer		S OK	¢
Configure JMS system modules	SOAJMSServer	SOAJMSFileStore		SOAServer	SOAServer		S OK	¢
	UMSJMSServer_auto_1	UMSJMSFileStore_au	ro_1	BAMServer	BAMServer			
ystem Status 🗉	UMSJMSServer_auto_2	UMSJMSFileStore_au	to_2	SOAServer	SOAServer		N OK	c
lealth of Running Servers	New Delete				Showi	ng 1 to 8 of	8 Previo	us Nex
Faled (0) Critical (0) Overloaded (0) Warning (0) OK (2)								

3. Specify the Name as FCUBSJMSServer for JMS Server, select the Persistent Store as SOAJMSFileStore from the dropdown list and click Next.



The Create a New JMS Server screen displays.

Figure 1-24	Create a M	New JMS	Server
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soa-infra (SOA Infrastruct × FC12110	QAR2 (Oracle Web × Crea	te a New JMS Server ×	dev_domain (Oracle W	eb × Summary of JM	AS Servers × A	phaDomain (Oracle We 🗙	+		- 0	×
€ @ 10.184.135.218:7001/console/conso	le.portal?_nfpb=true&_pageLab	el=JmsServerCreateJMSServe	r&JmsServerCreateJMS	GerverPortlet_action0 🔻 🕻	🕈 🔣 🗝 Google	م	☆	Ê	+ 🕆	=
ORACLE WebLogic Server	Administration Console 12c									õ
Change Center	Home Log Out Prefere	ences 🚵 Record Help	Q			Welcome, ad	lmin C	Connecte	ed to: Alpha	aDomain
View changes and restarts	Home >AlphaDomain >Sum	mary of JMS Servers								
Configuration editing is enabled. Future	Create a New JMS Serve	r.								
changes will automatically be activated as you modify, add or delete items in this domain.	Back Next Finish	Cancel								
Domain Structure	JMS Server Propertie	5								
AlphaDomain ▲ Environment ⊡-Servers ⊕-Clusters E	The following properties w * Indicates required fields	all be used to identify your new.	JMS Server.							
Coherence Clusters Machines Virtual Hosts Work Managers	What would you like to nam	FCUBSJMSServer								
	Specify persistent store for	the new JMS Server.								
Hessaging Servers Store-and-Enrward Agents	Persistent Store:	SOAJMSFileStore		Create a New Store]					
How do I E	Back Next Finish	Cancel								
Configure JMS system modules										
Configure custom persistent stores										
System Status 🛛 🖂	1									
Health of Running Servers										
Failed (0) Critical (0)										
Overloaded (0)										
Warning (0)										
OK (2)	1									

4. Select the **Target** as SOAServer from the dropdown list.

The Create a New JMS Server - Target screen displays.

Figure 1-25 Create a New JMS Server - Target

soa-infra (SOA Infrastruct × FC1211QA)AR2 (Oracle Web 🗴 Create a New JMS Server 🗴 dev_domain (Oracle Web 🗴 Summary of JMS Servers 🗴 AlphaDomain (Orac	cle We ×	+		c C	X
	e.portal?]msServerCreateJMSServerPortlet_actionOverride=/com/bea/console/actions/jms/server/createj 🛡 C 🛛 🔯 🛪 Google	٩	☆	Ê	+ 1	= 4
	Administration Console 12c					õ
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Velcome, adn	nin C	Connecte	d to: Alpl	naDomain
View changes and restarts	Home > AlphaDomain > Summary of JMS Servers					
Configuration editing is enabled. Future	Create a New JMS Server					
changes will automatically be activated as you modify, add or delete items in this domain.	Back Next Finish Cancel					
Domain Structure	Select targets					
AlphaDomain	Select the server instance or migratable target on which you would like to deploy this JMS Server.					
E-Clusters E	Target: SOAServer •					
Coherence ClustersMachinesVirtual HostsWork ManagersStartup and Shutdown Classes	Back Net Rnich Cancel					
Deployments Services Messaging JMS Servers						
How do I						
Configure JMS system modules Configure custom persistent stores						
System Status						
Health of Running Servers						
Failed (0) Critical (0) Overloaded (0) Warring (0)						
warning (0)	8					

5. Click Finish.

Two messages displays on the Summary of JMS Servers screen.

3 10.184.135.218:7001/console/consol	e.portal?_nfpb=true&_pageLabel=JmsServerJMSSe	erverTablePage V C	▼ Google	₽ ☆		n
DRACLE WebLogic Server	Administration Console 12c					1
hange Center New changes and restarts Ordiguation editing is enabled. Future harpes will automatically be activated as you modify, add or delete items in this domain. Homain Structure Debulomman Dervers Dervers Dervers E	Arone Log Out Preferences A Record He Home - AlphaDomain - Sammary of JHS Server Messages Al changes have been activated. No restart Wild Server created successfully Summary of JHS Servers JHS servers act as management containers for	s		Welcome, admin Co	innected to: Al	ohaDo
Coherence Clusters	This page summarizes the JMS servers that have	ve been created in the current WebLogic Server domain.				
Machines Virtual Hosts Work Managers Work Managers Work Managers Workes Perivices Messaging Messaging	© Customize this table JHS Servers (Filtered - More Columns Ex New Delate Name &	Persistent Store	Target	Showing 1 to 9	9 of 9 Previou Healt	
Virtual Hosts Work Managers Structure and Shutdown Classes Deployments Services Messaging Hossaging Linfts Servers Structure Anents Services	JHS Servers (Filtered - Hore Columns Ex New Delete Name &	Persistent Store	1000 C	Current Target		
Virtual Hosts Virtual Hosts Virtual Hosts Startup and Shutdown Classes Deployments Startup and Shutdown Classes Provide Services Virtual Serv	JHS Servers (Filtered - More Columns Ex New Delete Name BanAlertEngineJmsSer Sort table by N	Persistent Store BanAlertEngine.hmsFileStore	Target BAMServer BAMServer			
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	JHS Servers (Filtered - More Columns Ex New Delete Name BanAlertEngineJmsSer Sort table by N	Persistent Store BanAlertEngine.hmsFileStore	BAMServer BAMServer	Current Target BAMServer BAMServer		
	JHS Servers (Filtered - More Columns Ex New Delete BanklertEngneJmsServ BankQervez/msServer_BANdServer BankQervez/msServer_BANdServer BankServez/msServer_BANdServer	Persistent Store ame BanAlertErgne3mdFleStore BanCQService3mdFileStore_BAVServer BanReportCadhe3mdFileStore	BAMServer BAMServer BAMServer	Current Target BAMServer BAMServer BAMServer		
write all forts "Structure and Shutdown Classes "Structure and Shutdown Classes "Services "Services "Hessaging "Hits Servers configure 3MS servers Configure 3MS servers retern Status	JHS Servers (Filtered - More Columns Ex New Delete BanklertEngneJmsServ BankQervez/msServer_BANdServer BankQervez/msServer_BANdServer BankServez/msServer_BANdServer	Persistent Store ame SamAlerEngine.hmsFileStore BamCQService.hmsFileStore_BAMServer BamReportCache.hmsFileStore BamServer.hmsFileStore BamServer.hmsFileStore	BAMServer BAMServer BAMServer BAMServer	Current Target BAMServer BAMServer BAMServer BAMServer	Healt	
	JHS Servers (Filtered - Hore Columns Ex New Delete Bankertsnyne.ImsSer Bankeyor Sort table by N Bankeyor Cadre ImsServer Bankeyor Cadre ImsServer Bankeyor ZimServer Bankeyor ZimSe	Persistent Store Jame BanAlertEngre.hmsFileStore BanCQService.hmsFileStore BanKepvttcab-MmSFileStore BanServer.hmsFileStore BanServer.hmsFileStore BanServer.hmsFileStore BMSFileStore BPM3MSFileStore BPM3MSFileStore	BAMServer BAMServer BAMServer BAMServer SOAServer	Current Target BAMServer BAMServer BAMServer BAMServer SOAServer	Health	
write all forts "Structure and Shutdown Classes "Structure and Shutdown Classes "Services "Services "Hessaging "Hits Servers configure 3MS servers Configure 3MS servers retern Status	JHS Servers (Filtered - Hore Columns Ex New Delite Bankertbrgne.hmsSer/ Sort table by N BanCyService.hmsServer _BANGerver BanReportCode.hmsServer BanServer _BANGerver Col.851MSServer	Persistent Store BanAlertEngnes.msFieStore BanCeportCache.msFieStore_BAMServer BanGeportCache.msFieStore BanServer.msFieStore_BAMServer BanServer.msFieStore SOA3MSFieStore SOA3MSFieStore	BAMServer BAMServer BAMServer BAMServer SOAServer SOAServer	Current Target BAMServer BAMServer BAMServer BAMServer SOAServer SOAServer	Health	
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Figure 1-26 Summary of JMS server - Messages

6. Go back to Weblogic Console and click JMS Modules under Domain Configurations - Services.

The Weblogic Console - JMS Module screen displays.

Figure 1-27	Weblogic Console - JMS Module
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Construction Home x AlphaDomain > Summary of JMS Servers > Summary of JMS Modes More x AlphaDomain > Summary of JMS Servers > Summary of JMS Modes Configure solution Demain Structure Information and Resources Central Information AlphaDomain Configure solution Central Information E-Forwards Configure solution Central Information B-Forwards Configure solution Central Information B-Forward Mark Central Tak Status Services Interaperability B-Forward Mark Central Tak Status Services Interaperability Dom	A 10.184.135.218:7001/console/cor	nsole.portal?_nfpb=true&_pageLabel=HomePage1	∀ Ĉ	S - Google P 合 自 手 合
Constructions Constructions View changes and restarts None > A phalocenan > Summary of MS Servers > Ser	ORACLE WebLogic Server Ad	dministration Console 12c		
View Uniques and View IS NUC Comparise Control is conduct. The activated as you modify, and or delets them is this control. Domain Structure Sprive Services Domain Structure Services Option and Resources Services Services Option and Resources Services	Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Q	Welcome, admin Connected to: Alphat
Information and Resources Information and Resources Ceneral Information Important Structure Importantion and Resources Important Structure Configure applications Important Structure Services Important Structure Services Important Structure Services Important Structure Services Importa	View changes and restarts	Home >AlphaDomain >Summary of JMS Servers >Summar	ry of JMS Modules	
Impain and Configure a Distance Ceneral Information Impain An and Resources Ceneral Information Impain An and Resources Ceneral Information Impain An and Resources Configure a Distance Impaint Clusters Configure a Distance Impaint Configure a Distance Ceneral Information Impaint Configure a Distance Ceneral Info		Home Page		
Some and Structure - Configure applications - Configure applications - Services - Configure applications - Read the documentation - Configure applications - Ask a question on My Oracle Support - Virtual Hosts - Services - Services - Opponents - Domain Configure applications - Services - Domain Configure applications - Services - Interoperability - Domain Configure applications - Services - Services - Services - Services - Services - Domain Configure applications - Services - Services - Services - Services - Services		- Information and Resources		
b Configure applications Configure applicati	Jamain Structure	Helpful Tools	General Information	
		Configure applications	 Common Administration Task Descriptions 	
B: Cutters • Recent Task Status • Ockerson Cutters • Set Vour Conside preferences • Writual Hosts • Oracle Enterprise • Writual Hosts • Dennial Configurations • Dennial Configurations • Messaging • Services • Services • Manage Console center • Services • Manage Console centerinons • Services </td <td></td> <td>Configure GridLink for RAC Data Source</td> <td> Read the documentation </td> <td></td>		Configure GridLink for RAC Data Source	 Read the documentation 	
		Configure a Dynamic Cluster	Ask a question on My Oracle Support	
Services		Recent Task Status		
		 Set your console preferences 		
Domain Configurations Domain Configurations Domain Domain Configurations Domain Part Servers Domain Part Servers Domain Domain Part Servers Disports Disports Disports Disports Disports Domaints Log Files Disports Disports Model Disports Model Disports Model Disports Model Server Schereme Disports Model Server Schereme Disports Model Server Schereme Disports Model Schereme Disports Model Server Schereme		 Oracle Enterprise Manager 		
Decompose is Services Demain Services Interoperability • Services • Messaging • Messaging • Messaging • Ministream differences • Ministream differences • Ministream differences • Search the configuration • Lose the Change Center • Chartes • Services • Messaging • Ministream differences • Ministream differences • Lose the Change Center • Chartes • Services • Ministream differences • Data Sources • Data Sources • Manage Console centraines • Observes • Data Sources • Data Sources • Data Sources • Montor servers • Observes • Data Sources • Data Sources • Data Sources • Montor servers • Observes • Data Sources • Data Sources • Data Sources • Work Manages • Work Kanages • Work Contexts • Starte • Vour Deployed Resources • Starter • Starter • Contexts • Starter and Graphs • Net Startes • Starter • Starter		D 16 D 15		
Services Domain Services Interoperability Domain - Messaging - Messaging - Messaging - Messaging - Messaging - Messaging - Messaging - With Servers - More and Found Agents - Messaging - Messaging - Messaging - With Servers - Server S - Messaging - Messaging - With Servers - Server S - Server S - Messaging - Messaging - Server S - Server S - Messaging - Messaging - Server S - Server Templates - Dagnetic Modules - Degnetic Modules - Server S - Server Templates - Dagnetic Modules - Degnetic Modules - Anage Console preferences - Observers - Observers - Degnetic Modules - Manage Console preferences - Machines - Messaging - Degnetic Modules - Work Managers - Work Managers - Work Contexts - Contexts - Voir Menagers - Status - Status - Contexts - Searce Interoperability - Status - Status - Contexts - Searce Interoperability - Status - Status - Contexts - Searce Interoperability - Status - Status - Contexts - Status - Status - Status - Status		- Domain Computations		
	-Services	Domain	Services	Interoperability
istre-and-Encoded Joants - Job Connection Pools istre-and-Encoded Joants - Solvers istre-and-Encode - Solvers istre-and-Encode - Solvers istre-and-Encode - Solvers istre-and-Encode - Solvers istre-and-Encoded Joants - Solvers istre-and-Encode - Solvers istre-and-Encoded Joants - Solvers istre-and-Encode Joants - Solvers istre-and-Encod		Domain		WTC Servers
Environment Several forward Agents • Search the configuration • Several			 JMS Servers 	Jolt Connection Pools
		Environment		
• Locketts • Odg ress • Locketts • Bridges • Locketts • Bridges • Locketts • Bridges • Locketts • Bridges • Locketts • Margeschole • Conside preferences • Coherence Custers • Nontor servers • Virbual Hoots • Northor servers • Virbual Hoots • Status • Statup And Shutdown Classes • Status • Statup And Shutdown Classes • Voir Deployed Resources • Wait Seasons • Voir Deployed Resources • Nail Seasons • Voir Deployed Resources • Nail Seasons • Nontoring Deployed Resources • Nail Seasons		Servers		Diagnostics
• Series of Undgreeded • Series of Undgreeded • Lagreeder (Mailes	Search the configuration	Clusters		Log Files
Charge Console preferences Anage Console preferences Anage Console extensions Anage Console extensions Machines Montor servers Anage Console extensions Machines Montor servers Anage Console extensions Machines Montor servers M	Use the Change Center	 Server Templates 	 Bridges 	Diagnostic Modules
Manage Console extensions Machines Markines	Record WLST Scripts	 Migratable Targets 	Data Sources	Built-in Diagnostic Modules
Monitor servers	Change Console preferences	Coherence Clusters	Persistent Stores	Diagnostic Images
• Nutariosis • Foreign JNDI Providers • Context • Work kinangers • Foreign JNDI Providers • Context • Work contexts • Startup And Shutdown Classes • Work Contexts • Startup • Foreign JNDI Providers • Context • Startup • Vour Deployed Resources • Nail Session • Charts and Graphs • Organ provider • Pieled (0) • Deployed Resources • Nail Session	Manage Console extensions	Machines	XML Registries	Request Performance
System Status Image: Constraining Servers Work Contexts Stellup Health of Running Servers - Stellup - Stellup - Stellup Faled (0) Vour Deployed Resources - Mail Seasons Charls and Graphs Constrainting - Elef 3 - Monitoring Deathbased IP	Monitor servers	Virtual Hosts	XML Entity Caches	Archives
Faled (0) Your Deployed Resources Mail Sessions Charls and Graphs Faled (0) Your Deployed Resources Mail Sessions Charls and Graphs		Work Managers	 Foreign JNDI Providers 	Context
Falled (0) Your Deployed Resources Mail Sessions Charls and Graphs • Falled (0) • Oediowents • Filet3 • Monitoring Dashbaard @	System Status	Startup And Shutdown Classes	Work Contexts	SNMP
Faled (0) Your Deployed Kesources Charts and unputs Faled (0) Polymer Section	Health of Running Servers			
Deployments Output O	Enled (0)	Your Deployed Resources	and a second	Charts and Graphs
		Deployments		 Monitoring Dashboard B
Outdated (0)			• JTA	
Weinsdau (0) Your Application's Security Settings OSG Prameworks	1000	Your Application's Security Settings	 OSGi Frameworks 	
OK (2) • Security Realms				



The Summary of JMS Modules screen displays.

Figure 1-28	Summary of JMS	6 Modules
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3 10.184.135.218:7001/console/console.p	iortal?_nfpb=true&_pageLabel=JmsModulesTablePage 🛛 🦁 🛪 Google	▶ ☆ 自 ♣ ♠
ORACLE WebLogic Server Ad	ministration Console 12c	
hange Center	Home Log Out Preferences 🔤 Record Help	Welcome, admin Connected to: AlphaDon
iew changes and restarts	Home > AlphaDomain > Summary of JMS Servers > Summary of JMS Modules	
onfiguration editing is enabled. Future hanges will automatically be activated as you lodify, add or delete items in this domain.	Summary of JMS Hodules JMS system resources are configured and stored as modules similar to standard JZEE modules. Such resources include queues, topics, connects	ion factorias tamalatas dastination kaus quata
omain Structure	distributed queues, distributed topics, foreign servers, and JMS store-and-forward (SAF) parameters. You can administratively configure and m	
Environment Serviers Colusters Colusters Colorence Clusters Machines Virtual Hosts	This page summarizes the JMS system modules that have been created for this domain.	
Work Managers Startup and Shutdown Classes		
···Deployments	New Delete	Showing 1 to 8 of 8 Previous Next
-Services	🗌 Name 🗇	Туре
JMS Servers	BamAlertEngineJmsSystemModule	System
Store-and-Forward Agents	BamCQServiceJmsSystemResource_BAMServer	System
	BamReportCacheJmsSystemModule	System
	BamServerJmsSystemResource	System
Configure JMS system modules	BPMJMSModule	System
Configure resources for JMS system modules	SOAJMSModule	System
ystem Status	UMSAQJMSSystemResource	System
ealth of Running Servers	UMSJMSSystemResource	System
Failed (0) Critical (0) Overloaded (0) Warning (0) OK (2)	New Dokte	Showing 1 to 8 of 8 Previous Next

7. On the Summary of JMS Modules screen, click New.

The Create JMS System Module screen displays.

Figure 1-29	Create JMS	System Module	
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<u> </u>								0
ORACLE WebLogic Server A		1						
Change Center	Home Log Out Preferences 🔤 R	ecord Help	Q		Welcome, ad	min Connec	ted to: Alpha	aDomaii
View changes and restarts	Home >AlphaDomain >Summary of JMS	Servers >Summary of JM	S Modules					
Configuration editing is enabled. Future	Create JMS System Module							
changes will automatically be activated as you modify, add or delete items in this domain.	Back Next Finish Cance	ł						
Domain Structure	The following properties will be u	ised to identify your n	ew module.					
AlphaDomain	JMS system resources are configured distributed queues, distributed topics, * Indicates required fields							es.
Work Managers Startup and Shutdown Classes	What would you like to name your Syst	em Module?						
Deployments Services	* Name:	FCUBSJMSMd	odule					
MessagingJMS ServersStore-and-Ennward Agents	What would you like to name the descri	ptor file name? If you do i	not provide a name, a default wi	be assigned.				
How do L	Descriptor File Name:							
Configure JMS system modules	Where would like to place the descripto	r for this System Module,	relative to the jms configuration	sub-directory of your domain?				
Configure JMS servers	Location In Domain:							
System Status	Back Next Finish Cance	-						
Health of Running Servers		a						
Failed (0)								
Critical (0)								
Overloaded (0)								
Warning (0) OK (2)								

8. Specify the Name as FCUBSJMSModule.

The Create JMS System Module - Select Target screen displays.



soa-infra (SOA Infrastruct × FC1211Q/	AR2 (Oracle Web × Create JMS System Modu × dev_domain (Oracle Web × Summary of JMS Servers × AlphaDomain (Oracle We × +
 10.184.135.218:7001/console/console 	portal?CreateJMSSystemModulePortlet_actionOverride=/com/bea/console/actions/jms/modules/syste 🛡 C 😒 - Google 🔎 🏠 🖨 🖡 🛔
ORACLE WebLogic Server A	dministration Console 12c
Change Center	🔒 Home Lag Out Preferences 🖾 Record Help
View changes and restarts	Home >AlphaDomain >Summary of JMS Servers >Summary of JMS Modules
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Back Net Fmin Cancel
Domain Structure	The following properties will be used to target your new JHS system module.
AlphaDoman AlphaDoman AlphaDoman AlphaDoman AlphaDoman AlphaDoman AlphaNet	Use this page to select the server or duster on which you would like to deploy this JMS system module. You can reconfigure targets later if you wish. Targets : Servers AdminiServer SoAServer SoAServer
Configure JMS servers	Back Next Frish Cancel
System Status	
Health of Running Servers	
Failed (0) Critical (0) Overloaded (0) Warning (0) OK (2)	

Figure 1-30 Create JMS System Module - Select Target

- 9. Click Next.
- 10. Select the Target as SOAServer and click Finish.

Two messages displays on the **Summary of JMS Modules** screen.

Figure 1-31	Summary of JMS Mod	ules - Messages
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A Character and many in the state				1.00				~ 50			Q	-	-		
	e.portal?_nfpb=true&_page	eLabel=JMSSyst	temModuleCo	nfigGener	alPage&UMSSys	temModuleC	onfigGen ⊽	C 8-	Google		Q	ជ	Ê	+ 1	î
DRACLE WebLogic Server	Administration Console 12	2c													9
Change Center	Home Log Out Pre	eferences 🔤 R	ecord Help		Q					We	lcome, ad	min C	Connecte	d to: Alp	haDor
/iew changes and restarts	Home > AlphaDomain >	Summary of JMS	Servers >Summa	ary of JMS M	Iodules > FCUBSJI	4SModule									
configuration editing is enabled. Future hanges will automatically be activated as you nodify, add or delete items in this domain.	Messages Al changes have b The JMS module w			necessary.											
Iomain Structure	Settings for FCUB53N	15Module													
IphaDomain	Configuration Sub	odeployments	Targets Sec	urity Not	es										
Servers ⊕-Clusters Coherence Clusters Machines	This page displays ge	eneral information	n about a JMS sy	ystem modu	le and its resourc	es. It also allo	ws you to con	figure new res	ources and acco	ss existing resou	rces.				
Virtual Hosts Work Managers	Name:			FCUBSJ	MSModule			Th	e name of this J	MS system module	e. More In	fo			
	Descriptor File Nam		cae that have b	10 II	sjmsmodule-jms.:		dudeo queue			4S module descrip				ort kours	
Deployments Services	Descriptor File Nam This page summarize destination quota, dis	s the JMS resour		een createo	for this JMS sys	tem module, ini								ort keys,	
Deployments ∋-Services ⊟Messaging JMS Servers	This page summarize: destination quota, di	s the JMS resour stributed destina		een createo	for this JMS sys	tem module, ini								ort keys,	
	This page summarizes	s the JMS resourn stributed destina ble		een createo	for this JMS sys	tem module, ini								ort keys,	
Deployments Services Messaging MS Servers Store-and-Ensward Anents tow do I	This page summarized destination quota, dis	s the JMS resourn stributed destina ble		een createo	for this JMS sys	tem module, ini					1S template	s, desti	nation s	Previous	: Next
-Deployments -Services -Services -Services -Services -Services -Services -Services -Services	This page summarized destination quota, dis Customize this tal Summary of Resou	s the JMS resourn stributed destina ble		een created	for this JMS sys	tem module, ini			inations, conne		1S template Show	s, desti	nation s o 0 of 0		: Nex
Deployments Services PMessaging -MS Servers w do 1 No task help found. stem Status	This page summarized destination quota, dis Customize this tal Summary of Resourting New Delete	s the JMS resourn stributed destina ble	tions, foreign se	een created	for this JMS sys store-and-forwar	tem module, ini d parameters.		and topic dest	inations, conne		1S template Show	s, desti ing 0 ta	nation s o 0 of 0		: Nex

11. Go back to **JMS Modules**, click on **FCUBSJMSModule**.

The Settings for FCUBSJMSModule screen displays.



ORACLE WebLogic Server A	dministration Console	e 12c												Q
Change Center	Home Log Out		Record He	elp		Q			Welcom	e, adm	in Cor	nnected to	o: Alphal	Domair
View changes and restarts	Home >AlphaDomain Modules >FCUBSJM		S Servers >	Summary of	JMS Mod	lules > FCUBSJMSModule > S	ummary of JMS Modules	>FCUBSJMSModule >S	ummary of JMS Modules	FCUBS	JMSMod	dule >Sum	imary of JM	45
Configuration editing is enabled. Future changes will automatically be activated as you	Settings for FCUBS	5JMSModule												
modify, add or delete items in this domain.	Configuration	Subdeployments	Targets	Security	Notes									
Domain Structure														
AlphaDomain	This page displays	s general informatio	on about a	JMS system	n module i	and its resources. It also a	llows you to configure r	new resources and aco	ess existing resources.					
E-Clusters	Name:			FC	UBSJMS	Module		The name of this 3	IMS system module. M	re Info				
Coherence Clusters								of this JMS system module. More Info						
Virtual Hosts Work Managers Startup and Shutdown Classes	Descriptor File Na		urces that h	15		nsmodule-jms.xml or this JMS system module,	including queue and to						keys,	
Work Managers	This page summari destination quota, Customize this	izes the JMS resou , distributed destin table		nave been ci	reated fo								keys,	
Work Managers	This page summari destination quota,	izes the JMS resou , distributed destin table sources		nave been ci	reated fo	or this JMS system module,			ction factories, JMS ten	olates,	destina	ation sort l		ext
Work Managers	This page summari destination quota, Customize this Summary of Res	izes the JMS resou , distributed destin table sources		nave been ci	reated fc	or this JMS system module,	rs.		ction factories, JMS ten	olates, Showir	destina	ation sort l	keys, evious N	ext
How Kenagers Surface and Shutdown Classes Deployments Forvices How do I No task help found.	This page summari destination quota, Customize this Summary of Res New Delete	izes the JMS resou , distributed destin table sources	hations, for	nave been ci	reated fc	or this JMS system module, ore-and-forward paramete	rs.	pic destinations, conne	ction factories, JMS ten	olates, Showir	destina g 0 to 0	ation sort l		ext
How KManagers How Classes How Classes How do I No task help found.	This page summari destination quota, Customize this Summary of Res New Delete	izes the JMS resou , distributed destin table sources	hations, for	nave been ci	reated fc	or this JMS system module, ore-and-forward paramete	subdep	pic destinations, conne	ction factories, JMS terr	Showin	g 0 to 0	ation sort 0 of 0 Pro		

Figure 1-32 Settings for FCUBSJMSModule

12. Click New.

The Create a New JMS System Module Resource screen displays.

Figure 1-33	Create a New JMS System Module Resource
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• 10.184.135.218 :7001/console/conso	le.portal?_nfpb=true&_pageLabel=JmsCreateSystemModuleEntity&JmsCreateSyste	mModuleEntityPortlet 🔍 C 🛛 🗸 🙆 🖡 🏫
RACLE WebLogic Server	Administration Console 12c	
ange Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, admin Connected to: AlphaDo
ew changes and restarts	Home >AlphaDomain >Summary of JMS Servers >Summary of JMS Modules >FCUBSJM JMS Modules >FCUBSJMSModule	SModule >Summary of JMS Modules >FCUBSJMSModule >Summary of JMS Modules >FCUBSJMSModule >Summary of
nfiguration editing is enabled. Future anges will automatically be activated as you dify, add or delete items in this domain.	Create a New JMS System Module Resource	
main Structure	Back Next Finish Cancel	
haDomain	Choose the type of resource you want to create.	
Environment Servers Bi-Clusters Coherence Clusters Varbaines Work Managers	Use these pages to create resources in a JMS system module, such as queues, top Depending on the type of resource you select, you are prompted to enter basic ini	ormation for creating the resource. For targetable resources, like stand-alone queues and topics, connection s, you can also proceed to targeting pages for selecting appropriate server targets. You can also associate
Startup and Shutdown Classes Deployments Services	Connection Factory	Defines a set of connection configuration parameters that are used to create connections for JMS clients. More Info
Messaging MS Servers Store-and-Enoward Agents	O Queue	Defines a point-to-point destination type, which are used for asynchronous peer communications. A message delivered to a queue is distributed to only one consume. Wore Info
w do I E Configure quotas for destinations Configure JMS templates	© Торіс	Defines a publich/subscribe destination type, which are used for asyndronous peer communications. A message delivered to a topic is distributed to all topic consumers. More Info
Configure destination keys Configure topics Configure queues	🔘 Distributed Queue	Defines a set of queues that are distributed on multiple JMS servers, but which are accessible as a single, logical queue to JMS dients. More Info
Configure connection factories Configure uniform distributed topics	Distributed Topic	Defines a set of topics that are distributed on multiple JMS servers, but which are accessible as a single, logical topic to JMS clients. More Info
Configure uniform distributed queues Configure foreign servers Configure JMS SAF	🔘 Foreign Server	Defines foreign messaging providers or remote WebLogic Server instances that are not part of the current domain. More Info
stem Status	© Quota	Controls the allotment of system resources available to destinations. More Info
Failed (0)	O Destination Sort Key	Defines a unique sort order that destinations can apply to arriving messages. More Info
Critical (0) Overloaded (0) Warning (0)) JMS Template	Defines a set of default configuration settings for multiple destinations. Mor
OK (2)	SAF Imported Destinations	Defines a collection of imported store-and-forward (SAF) destinations. A SAF destination is a representation of a queue or topic in a remote server instance or duster that is imported in the this load luster or server instance, so that the load server instance or duster can send messages to the remote server instance or duster. More Info
	🔊 Remote SAF Context	Defines the URL of the remote server instance or cluster where a JMS



13. On the Create a New JMS System Module Resource screen, select Connection Factory and click Next.

The Create a New JMS System Module Resource - Connection Factory Properties screen displays.

Figure 1-34 Create a New JMS System Module Resource - Connection Factory Properties

ORACLE WebLogic Server Ad		
Change Center	Home Log Out Preferences Ar Record Help	Welcome, weblogic Connected to: FC141INSTE
View changes and restarts	Home >JmsAdapter >Summary of JMS Servers >Summary of JMS	Modules >PCUBSIMMModule >PCUBSConvectorfsictury >Surrerary of Deployments >Surrerary of 3MS Hodules >PCUBSIMSHodule
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Create a New JH5 System Module Resource	
Release Configuration	Connection Factory Properties The following properties will be used to identify your new co * Indicates required fields	Amention factory. The current module is FOURENHIMAdule.
FCI412NSTEST		
Environment Deployments Services	What would you like to name your new connection factory? * Name:	FCUBSConnectionlactory
Security Realms Tateroperability P Diagnostics	What JNDI Name would you like to use to look up your new o	zonection factory?
de plagninica	3NDI Name:	Indi/FCUBSConnectionfactory
	The Connection Factory Subscription Sharing Policy Subscribe	rrs can be used to control which subscribers can access new subscriptions. Should subscriptions created using this factory be sharable?
	Subscription Sharing Policy:	Exclusive •
How do L 🗄	The Client ID Policy indicates whether more than one JNS con subscriptions. What Client ID Policy would you like to use?	nnection can use the same Client ID. Oracle recommends setting the Client ID policy to Unrestricted if sharing durable subscribers. Subscriptions created with different Client ID policies are always treated as independent
Configure JHS templates Configure destination keys	Client ID Policy:	Restricted •
Configure topics Configure queues		an queved for an asynchronous session. Should this connection factory impose a limit?
Configure connection factories Configure uniform distributed topics	Maximum Messages per Session:	10
Configure uniform distributed topics Configure uniform distributed queues Configure foreign servers	Should this connection factory create sessions that are JTA as	ware, and create XA queues and XA topics?
Configure JNS SAF	and the second s	sages if the JHS destination is configured to support this behavior ?
System Status	Attach JMSX UserID	
Health of Running Servers as of 1:13 PM Pailed (0) Critical (0) Overloaded (0)	Back Ned Pinsh Cancel	
Warning (0)		

14. Specify Name as FCUBSConnectionfactory and click Next.

The Create a New JMS System Module Resource - Advanced Targeting screen displays.

										C
ORACLE WebLogic Server Ac										
Change Center	A Home Log Out Preferences 🖾 Record Help		Q			Welcome, ad			to: Alpha	Dom
View changes and restarts	Home > Summary of 3MS Modules > PCUBS3MSModule > Modules > PCUBS3MSModule > placeholder	Summary of 3MS Mod	Iules > PCUB53H5Modul	 PCUESConnectionfect 	tory >Summary of 3HS Mod	lules > PCUBS3H5Module :	- Summa	ry of IMS		
View changes and restarts Confgazins dring in enblok Futur changes will automatically be activated as you and the set of	None Sciencer of 365 Mohas JCCBB2056064 a Nordon SrCCBB205606 or globality of the Sciencer Create a line JHS System Holdel Resource Back, Tiet, Innih, Annored Targette The following properties will be used to target Use the space to see and accept the default target the default target, then dis Advanced Targette Targets : Sockerer Back, Tiet, Frenh, Advanced Targette	Cancel t your new JHS s a where the JMC ress g to use the subdepi Sefault targets for yo	ystem module reso surce will be targeted.	wrce The default targets are targeting this resource	based on the parent 3MS	system module targets.	If you d	lo not war		
configure automis configure uniform distributed topics configure uniform distributed topics configure uniform distributed topics configure regress configure #VHS SAP										
Overloaded (0) Warning (0) OK (2)										

Figure 1-35 Create a New JMS System Module Resource - Advanced Targeting



15. Click the Advanced Targeting button.

The Create a New JMS System Module Resource - Subdeployments screen displays.

🛛 soa-infra (SOA Infrastruct... × | FC1211QAR2 (Oracle Web... × | Create a New JMS System... × | dev_domain (Oracle Web... × | Summary of JMS Servers ... × | AlphaDomain (Oracle Web... × | + ♀☆ 自 ♣ 俞 ☰ 🗲 🛞 10.184.135.218/001/console/console.portal?JmsCreateSystemModuleEntityPortlet_actionOverride=/com/bea/console/actions/jms/connecti 🛡 🥑 🛛 🔕 - Google 0 ORACLE WebLogic Server Administration Console 12c Gerver Administration Console 122.

 Ame Log Out Preferences Record Help Welcome, admin Connected to: AlphaDomain Change Center Home >Summary of JMS Modules >FCUBSJMSModule >Sun Modules >FCUBSJMSModule >placeholder View changes and restarts ary of JMS Modules > FCUBSJMS Iodule »Summary of JMS Configuration editing is enabled. Future changes will automatically be activated as you Create a New JMS System Module Resource modify, add or delete items in this domain. Back Next Finish Cancel Domain Structure Advances
 Subcare
 Subcare
 Subcare
 Subcares
 Subcares
 Subcares
 Modifies
 Work Managers
 Subcares
 Subcares The following properties will be used to target your new JMS system module resource Use this page to select a subdeployment to assign this system module resource. A subdeployment is a mechanism by which JMS resources are grouped and targeted to a server instance, duster, or SAF agent. If necessary, you can create a new subdeployment by clicking the **Create a New Subdeployment** button. You can also reconfigure subdeployment targets later by using the parent module's subdeployment management page. Select the subdeployment you want to use. If you select (none), no targeting will occur. (none) - Create a New Subdeployment -Deployments
-Services
-Messaging
--JMS Servers
--Store-and-Er Subdeployments: What targets do you want to assign to this subdeployment? ward Agent Targets : How do I... Configure quotas for destinations Back Next Finish Cancel Configure JMS templates Configure destination keys Configure topics
 Configure queues Configure connection factories Configure uniform distributed topics Configure uniform distributed queues Configure foreign servers Configure JMS SAF System Status Ξ Health of Running Servers Failed (0) Critical (0) Overloaded (0) Varning (0) OK (2)

Figure 1-36 The Create a New JMS System Module Resource - Subdeployments

- 16. Click Create New Sub Deployment with the below name, and click OK.
- 17. Click Next and select the subdeployment you want to use.
- **18.** If you not yet created a subdeployment, click **Create a New Subdeployment** and specify the **Subdeployment Name** and click **OK**.

The Create a New Subdeployments screen displays.



③ 10.184.135.218:7001/console/console	,portal?/msCreateSystemModuleEntityPortlet_actionOverride=/com/bea/console/actions/jms/target/ni 🕆 ⊄ 🛛 🔂 - Google 🖉 🏠 🏠 🔹 🖡	
DRACLE WebLogic Server A	dministration Console 12c	¢
Change Center	🕜 Home Log Out Preferences 🔊 Record Help	phaDom
/iew changes and restarts	Home > Summary of JMS Modules > FCUBSJMSModule > Summary of JMS Modules > FCUBSJMSModule > FCUBSConnectionfactory > Summary of JMS Modules > FCUBSJMSModule > Summary of JMS	
Configuration editing is enabled. Future	Modules > FCUBSIMSModule > placeholder	
hanges will automatically be activated as you nodify, add or delete items in this domain.	Create a New Subdeployment	
bdiry, and or delete items in this domain.	OK Cancel	
omain Structure	Subdeployment Properties	
phaDomain *		
Servers	The following properties will be used to identify your new subdeployment.	
Clusters	Subdeployment Name: FCUBS	
Machines	OK Cancel	
	UK Cancer	
Deployments		
⇒-Services		
JMS Servers		
Store-and-Forward Agents		
low do I		
Configure quotas for destinations		
Configure JMS templates		
 Configure destination keys 		
Configure topics		
Configure queues		
Configure connection factories		
Configure uniform distributed topics		
Configure uniform distributed queues Configure foreign servers		
Configure IMS SAF		
ystem Status 🖂		
lealth of Running Servers		
Failed (0)		
Critical (0)		
Overloaded (0)		
Warning (0)		
OK (2)		

Figure 1-37 Create a New Subdeployments

19. Click Next and select Targets as FCUBSJMS Servers.

The Create a New JMS System Module Resource - Select Target screen displays.

Figure 1-38 Create a New JMS System Module Resource - Select Target

soa-infra (SOA Infrastruct 🛪 FC1211QA	R2 (Oracle Web × Create a New JMS	System × dev_domain (Oracl	Web × Summary of JMS	Servers × A	IphaDomain (Oracle We 🗙	+	l	- 0	x
I 0.184.135.218:7001/console/console.	portal?JmsCreateSystemModuleEntityPortle	t_actionOverride=/com/bea/consc	le/actions/jms/target/cr 🛡 C	🚷 🔻 Google	م	☆	ê ·	÷ 1	=
	Iministration Console 12c								Q ^
Change Center	🔒 Home Log Out Preferences 🔤 Reco	rd Help			Welcome, admin	Conn	ected to:	AlphaD	omain
View changes and restarts	Home >Summary of JMS Modules >FCUBSJM Modules >FCUBSJMSModule >placeholder	ISModule >Summary of JMS Modules >F	CUBSJMSModule > FCUBSConnection	nfactory >Summary of	3MS Modules > FCUBS3MSModule >	Summa	ry of JMS		
Pending changes exist. They must be activated to take effect. You may activate them now. Otherwise, they will be automatically activated	Create a New JMS System Module Res	ource							
when you next modify, add or delete items in this domain.	Back Next Finish Cancel								
Activate Changes	The following properties will be used	d to target your new JMS system	module resource						
Undo All Changes	Use this page to select a subdeployment the SAF agent. If necessary, you can create								
Domain Structure	module's subdeployment management page								·
AlphaDomain	Select the subdeployment you want to use	. If you select (none), no targeting wil	occur.						
Clusters Coherence Clusters	Subdeployments:	Subdeployments: FCUBS Create a New Subdeployment							
Machines Virtual Hosts Work Managers Startup and Shutdown Classes	What targets do you want to assign to this	subdeployment?							
Deployments Services	Targets :								=
Hessaging	Servers		-						- 11
How do I	50AServer								- 11
Configure quotas for destinations	JMS Servers								- 11
Configure JMS templates Configure destination keys	BPMJM5Server								- 11
Configure topics Configure queues	FCUBSJMSServer								- 11
Configure connection factories Configure uniform distributed topics	S0AJM5Server								- 11
Configure uniform distributed topics Configure uniform distributed queues Configure foreign servers	UM5JM5Server_auto_2								- 11
Configure JMS SAF	Back Next Finish Cancel								
System Status									
Health of Running Servers									
Failed (0)									
Critical (0) Overloaded (0)									_
Warning (0)									
OK (2)									-

20. Click Finish.

Two messages displays on the **Settings for FCUBSJMSModule** screen.



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Change Center						POINTNAME AND CONSCIENCES	and in a fantan a concernan	y of JMS Modules > FCUBSJMSMod				o. Aupita	DOI
View changes and restarts		MSModule >placeho		ule yournary or	JAIS MODULES AFCU		ection actory y sommar	y or sins modules are obsamsinge	1016 7.50	Introde	y or smp		
Configuration editing is enabled. Future thanges will automatically be activated as you	Messages												
modify, add or delete items in this domain.		ave been activated		are necessary.									
Domain Structure	Connection f	actory created succ	essfully.										
IphaDomain	Settings for FCU	BSJMSModule											
Environment Servers	Configuration	Subdeployments	Targets	Security No	tes								
Virtual Hosts Work Managers Startup and Shutdown Classes Deployments	Name:				MSModule	The name of this JMS system module. More Info							
-Services -Messaging -JMS Servers -Store-and-Forward Anents	This page summ	Descriptor File Name: ijms/fcubsinsmodule-jms.xml The name of the JMS module descriptor File. More Info This page summarizes the JMS resources that have been created for this JMS system module, including queue and topic destinations, connection factories, JMS templates, destination sort keys, destination quota, datibuted destinations, foreign servers, and store-and-forward parameters.											
tow do I 📼 No task help found.	Customize the Summary of R												
System Status	New Dele	te						5	Showing	1 to	1 of 1 Pre	evious N	Next
Failed (0)	📄 Name 🔗			Туре		JNDI Name		Subdeployment	1	Targe	ets		
Critical (0)	FCUBSCon	nectionfactory		Connection Fa	ctory	jndi/FCUBSConnectionfa	ctory	FCUBS	F	CUBS	JMSServer	r	_
	CLBSSConnectionFactory Connection Factory jndj/FCUBSConnectionFactory FCUBS FCUBSMSSever New Delice Showing 1 to 1 of 1 Previous Next												

Figure 1-39 Settings for FCUBSJMSModule - Messages

21. Go back to Weblogic Console, click on JMS Modules, click New, select Queue, and click on Next.

The Create a New JMS System - Queue screen displays.

Servers	Use these pages to create resources in a JMS system module, such as queues,	tonice templates and connection factories
-Clusters	and the pages to eleate resources in a sits system module, such as queees,	
Coherence Clusters	Depending on the type of resource you select, you are prompted to enter basic	information for creating the resource. For targetable resources, like stand-alone queues and topics, connection
Machines		ions, you can also proceed to targeting pages for selecting appropriate server targets. You can also associate
Virtual Hosts	targetable resources with subdeployments, which is an advanced mechanism fo	r grouping JMS module resources and the members to server resources.
Work Managers		
Startup and Shutdown Classes	Connection Factory	Defines a set of connection configuration parameters that are used to
eployments	Connection ractory	create connections for JMS clients. More Info
	© Queue	Defines a point-to-point destination type, which are used for asynchronous
	Queue	peer communications. A message delivered to a gueue is distributed to only
		one consumer. More Info
do I 🖂		
infigure quotes for destinations	🔘 Topic	Defines a publish/subscribe destination type, which are used for
a second a second second second second second		asynchronous peer communications. A message delivered to a topic is
		distributed to all topic consumers. More Info
nfigure destination keys		
infigure topics	O Distributed Queue	Defines a set of queues that are distributed on multiple JMS servers, but
infigure queues		which are accessible as a single, logical queue to JMS dients. More Info
infigure connection factories		
Construction of the second of the second s	O Distributed Topic	Defines a set of topics that are distributed on multiple JMS servers, but which are accessible as a single, logical topic to JMS clients. More Info
		which are accessible as a single, logical topic to time clerits. More prior
	Foreign Server	Defines foreign messaging providers or remote WebLogic Server instances
infigure foreign servers	U roreign server	that are not part of the current domain. More Info
infigure JMS SAF		discule not part of the content domain. Hore shows
	O Quota	Controls the allotment of system resources available to destinations. More
em Status 🖂		Info
h of Running Servers	Destination Sort Key	Defines a unique sort order that destinations can apply to arriving
Failed (0)		messages. More Info
Critical (0)	🗇 JMS Template	Defines a set of default configuration settings for multiple destinations. More
Overloaded (0)		Info
Warning (0)		
"Madhines	SAF Imported Destinations	Defines a collection of imported store-and-forward (SAF) destinations. A
		SAF destination is a representation of a queue or topic in a remote server
		instance or cluster that is imported into the local cluster or server instance,
		so that the local server instance or cluster can send messages to the remote server instance or cluster. More Info
	Remote SAF Context	Defines the URL of the remote server instance or duster where a JMS
		destination is exported from. It also contains the security credentials to be
		authenticated and authorized in the remote cluster or server. More Info
	SAF Error Handling	Defines the action to take when the SAE service fails to forward messages
		to remote destinations. More Info
	Back Next Finish Cancel	

Figure 1-40 Create a New JMS System - Queue

22. Specify Name as NOTIFY_DEST_QUEUE and JNDI Name as jms/ NOTIFY_DEST_QUEUE and click Next.

The JMS Destination Properties screen displays.

soa-infra (SOA Infrastruct × FC121IQA	R2 (Oracle Web × Crea	te a New JMS System 🛪	dev_domain (Orac	cle Web ×	Summary of JMS	Servers ×	AlphaDomain (Oracle	We ×	+	J.	- 0	×
(0 10.184.135.218:7001/console/console.	portal?JmsCreateSystemMod	leEntityPortlet_actionOve	erride=/com/bea/cons	sole/actions/jms	/modules 🕆 C	😫 - Google		Q	☆	é 4	۱	=
	dministration Console 12c											Q
Change Center	A Home Log Out Prefere	nces 🔝 Record Help	Q				Wel	lcome, ad	min Co	nnected	to: Alpha	Doma
View changes and restarts	Home >Summary of JMS Mo Modules >FCUBSJMSModule	dules > FCUBSJMSModule > St > placeholder	ummary of JMS Modules >	>FCUBSJMSModule	» FCUBSConnection	factory >Summar	of JMS Modules > FCUBSJ	MSModule :	Summar	y of JMS		
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Create a New JMS Syster	- R										
Domain Structure	Back Next Finish	Cancel										
AlphaDomain Environment B-Clusters	JMS Destination Prope The following properties w	erties ill be used to identify your n	ew Queue. The current r	module is FCUBSJ	MSModule.							
Coherence Clusters Machines Virtual Hosts	* Indicates required fields											
Work Managers Startup and Shutdown Classes Deployments	* Name:	NOTIFY_DEST_QU	EL									
Services Ordersaging	JNDI Name:	ims/NOTIFY_DEST	QUEUE									
Store-and Forward Agents	Template:	None 💌										
How do I	Back Next Finish	Cancel										
Configure quotas for destinations												
Configure JMS templates												
Configure destination keys												
Configure topics												
Configure queues												
Configure connection factories												
 Configure uniform distributed topics 												
Configure uniform distributed queues												
Configure foreign servers												
Configure JMS SAF												
System Status												
Health of Running Servers												
Faled (0) Critical (0)												
Overloaded (0)												
Warning (0)												
OK (2)												
WebLogic Server Version: 12.1.3.0.0 Copyright (c) 1996,2014, Oracle and/or its affiliates. Al Oracle is a registered trademark of Oracle Corporation		nay be trademarks of their res	pective owners.									

Figure 1-41 JMS Destination Properties

23. Select the **Subdeployments** from the drop-down list that you created earlier, select the **Targets** as JMS Servers.

The Create a New JMS System Module Resource - Subdeployments and Select Targets screen displays.

 30 10.184.135.218:7001/console/console. 	iortal	V C Soogle	2 ☆ 自 ♣ 余
	ministration Console 12c		
Change Center	😭 Home Log Out Preferences 🔤 Record Help		Welcome, admin Connected to: Alpha
view changes and restarts	Home >Summary of JMS Modules >FCUBSJMSModule >Summary of JMS Modules >FCUBSJM	ISModule >FCUBSConnectionfactory >Summar	ry of JMS Modules »FCUBSJMSModule »Summary of JMS
configuration editing is enabled. Future hanges will automatically be activated as you oddfy, add or delete items in this domain.	Modules >PCUBSIMSModule >placeholder Create a New JMS System Module Resource Back Next Finish Cancel		
Iomain Structure			
lphaDomain ▲ Environment Servers B-Clusters Coherence Clusters Machines	The following properties will be used to target your new JHS system modu Use this page to select a subdeployment to assign this system module resource. A subd SAF agent. If necessary, you can create a new subdeployment by clicking the Create module's subdeployment management page.	eployment is a mechanism by which JMS reso	
Virtual Hosts Work Managers Startup and Shutdown Classes Deployments Services	Select the subdeployment you want to use. If you select (none), no targeting will occur. Subdeployments: FCUBS C Create a New Subdep		
Messaging MS Servers Store-and-Forward Anents	What targets do you want to assign to this subdeployment? Targets :		
Configure quotas for destinations	JMS Servers		
Configure JMS templates			
Configure destination keys	BPMJMSServer		
Configure topics Configure queues	FCUBSJMSServer		
Configure connection factories Configure uniform distributed topics	SOAJMSServer		
Configure uniform distributed queues	O UM5JM5Server_auto_2		
Configure JMS SAF	Back Next Finish Cancel		
ystem Status			
ealth of Running Servers			
Failed (0)			
Critical (0)			
Overloaded (0)			
Warning (0)			
OK (2)			

Figure 1-42 Create a New JMS System Module Resource - Subdeployments and Targets

24. Click on Finish.

Two messages displays the Settings for FCUBSJMSModule screen.

Figure 1-43 Settings for FCUBSJMSModule - Messages

soa-infra (SOA Infrastruct × FC1211QAR2	•				-			ervers ×	AlphaDomain (Oracle We		+ > ==		• ×	
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Change Center		18 12C t Preferences 🔤	Record H	eln		Q			Welco	ne, admin	Conner	rted to: A	-	5
View changes and restarts	-				iny of JMS		dule > FCUBSConnectionfa	ctory »Summar	y of JMS Modules > FCUBSJMSI		1			
	Messages	IMSModule >placeh ave been activated	. No restari	ts are neces:	sary.									
Domain Structure		ue was created suc	cessfully											
AlphaDomain	Settings for FCU	BSJMSModule												
	Configuration	Subdeployments	Targets	Security	Notes									
Clusters Coherence Clusters Machines Virtual Hosts	This page displa	ys general informat	ion about a	JMS system	module ar	and its resources. It also	allows you to configure r	new resources a	and access existing resources					
Work Managers Startup and Shutdown Classes	Name: FCUBSJMSModule							The name	of this JMS system module.	More Info				
DeploymentsServicesServices		arizes the JMS reso		nave been o	eated for	ismodule-jms.xml r this JMS system module re-and-forward paramet			of the JMS module descriptor , connection factories, JMS to			ı sort keys	з,	
How do I														
No task help found.	Customize th													
System Status	Summary of R	esources												r I
Health of Running Servers	New Dele	te								Showing	1 to 2 of	2 Previo	us Next	Ш
Falled (0)	🔲 Name 🚕			Туре		JNDIN	lame		Subdeployment	т	argets			
Critical (0)	FCUBSCon	nectionfactory		Connectio	on Factory	y jndi/FCI	JBSConnectionfactory		FCUBS	F	CUBSJMS	Server		1
Overloaded (0)	NOTIFY_D	EST_QUEUE		Queue		jms/NO	TIFY_DEST_QUEUE		FCUBS	F	CUBSJMS	Server		П
Warning (0) OK (2)	New Dele	le.								Showing	1 to 2 of	2 Previo	us Next	
WebLogic Server Version: 12.1.3.0.0 Copyright (c) 1996,2014, Oracle and/or its affiliates. All ri Oracle is a registered trademark of Oracle Corporation a		er names may be tra	demarks of	their respectiv	/e owners.	5								



- 25. Create queue MDB_QUEUE_RESPONSE with JNDI name as jms/ MDB_QUEUE_RESPONSE, queue eis/jms/ORGateway with JNDI name as eis/jms/ ORGateway, and queue FAULT_QUEUE_RESPONSE with JNDI name as jms/ FAULT_QUEUE_RESPONSE as above in console within FCUBSJMSModule. (Repeat the steps from 14 to 21).
- 26. Go to Weblogic Console, click Deployment.

The Summary of Deployment screen displays.

Figure 1-44	Settings for	[·] JMSAdapter
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e/console.pc	rtal?_nfpb=true&_pageLabel=AppDeploymentsControlPage	V C	8 - G	oogle	٦ ٩	合自 🕈
	E DMS Application (12.1.3.0.0)	Active	≪ок	Web Application	AdminServer, BAMServer, SOAServer	5
E	E Eem	Active	🖋 ОК	Enterprise Application	AdminServer	400
	■ E FCUBSAppIUT (12.1.0.0.0)	Active	A Warning	Enterprise Application	SOAServer	600
E	FileAdapter	Active	🖋 ок	Resource Adapter	SOAServer	321
E	E Tafrevvo	Active	🖋 ок	Enterprise Application	SOAServer	100
[10]]	Active	🖋 ок	Resource Adapter	SOAServer	325
E	GWWebServices (12.1.0.0.0)	Active	🖋 ок	Enterprise Application	SOAServer	600
E] 😺 JDEWorldAdapter	Installed		Resource Adapter		333
B	P JmsAdapter	Active	✓ ОК	Resource Adapter	SOAServer	323
E	JmsAdapter, Level 1, 19 of 46	Installed		Resource Adapter		332
E	₿ 🛃 MQSeriesAdapter	Active	🖋 ОК	Resource Adapter	SOAServer	327
]	Installed		Resource Adapter		334
E		Active	🖋 ОК	Enterprise Application	SOAServer	100
E	□ Ø OracleAppsAdapter	Active	🖋 ОК	Resource Adapter	SOAServer	328
E	🛛 \overline ØradeBamAdapter	Installed		Resource Adapter		329
	E CoracleBPMBACServerApp	Active	🖋 ок	Enterprise Application	SOAServer	384
E	E COracleBPMComposerRolesApp	Active	🖋 ОК	Enterprise Application	SOAServer	382
E		Active	🖋 ок	Enterprise Application	SOAServer	381
E	I ■ □ Oracle8PMWorkspace	Active	🖋 ОК	Enterprise Application	SOAServer	383
	₿	Installed		Resource Adapter		335
E	(1) E SmpleApprovalTaskFlow	Active	🖋 ок	Enterprise Application	SOAServer	386
E.	🗈 🔁 soa-infra	Active	🖋 ок	Enterprise Application	SOAServer	350
1	🖲 🎮 soa-webapps	Active	⊘ ок	Enterprise	SOAServer	360

27. Select JMS Adapter.

The Settings for JMSAdapter - Configuration - Outbound Connection Pools screen displays.

10.184.135.218:7001/console/consol	e.portal?_pageLabel=ConnectorApplicationConfigurationOutboundConnectionPoolPage&_nfpb=ti	rue&v 🗸 🕄 - Google 🛛 🖌 🏠 🛔 🗍
View changes and restarts	Home > FCUBSConnectionfactory > Summary of JMS Modules > FCUBSJMSModule > Summary of JMS Modul Deployments > JmsAdapter	es >FCUBSJMSModule >placeholder >Summary of Deployments >JmsAdapter >Summary of
Configuration editing is enabled. Future		
changes will automatically be activated as you	Settings for JmsAdapter	
modify, add or delete items in this domain.	Overview Deployment Plan Configuration Security Targets Control Testing Mon	itoring Notes
Domain Structure	General Properties Outbound Connection Pools Admin Objects Workload Instrumer	ntation
lphaDomain 🔺		
D-Environment Servers Coherence Clusters Modrines Widdhines Virtual Hosts Work Managers	This page displays a table of Outbound Connection Pool groups and instances for this resource adapt listed by connection factory interface and the instances are listed by their NDI names. Expand a gro Connection Pool group. Click the name of a group or instance to configure it. Automatically generated Outbound Connection Pool Configuration Table	up to obtain configuration information for a Connection Pool instance within an Outbound
-Startup and Shutdown Classes	New Delete	Showing 1 to 1 of 1 Previous Ne
Deployments		-
È-Services	🔲 Groups and Instances 🗠	Connection Factory Interface
-Messaging	orade.tip.adapter.jms.IJmsConnectionFactory	oracle.tip.adapter.jms.IJmsConnectionFactory
Store-and-Encward Arents	eis/activemg/Queue	oracle.tip.adapter.jms.IJmsConnectionFactory
How do L	eis/agims/EDNLocalTxDurableTopic	oracle.tip.adapter.jms.IJmsConnectionFactory
 Configure outbound connection pool 		
properties		oracle.tip.adapter.jms.IJmsConnectionFactory
	eis/agims/EDNxaDurableTopic	oracle.tip.adapter.jms.IJmsConnectionFactory
System Status 🖂	eis/aqjms/EDNxaTopic	orade.tip.adapter.jms.IJmsConnectionFactory
Health of Running Servers	eis/agjms/Queue	oracle.tip.adapter.jms.IJmsConnectionFactory
Failed (0)	eis/agjms/Topic	oracle.tip.adapter.jms.IJmsConnectionFactory
Critical (0)	eis/fioranomg/Topic	oracle.tip.adapter.jms.IJmsConnectionFactory
Overloaded (0)	eis/jbossmq/Queue	oracle.tip.adapter.jms.IJmsConnectionFactory
Warning (0)	eis/jms/aia828QueueCF	oracle.tip.adapter.jms.IJmsConnectionFactory
OK (2)		
		oracle.tip.adapter.jms.IJmsConnectionFactory
	eis/pramati/Queue	oracle.tip.adapter.jms.IJmsConnectionFactory
	eis/sunmq/Queue	oracle.tip.adapter.jms.IJmsConnectionFactory
	eis/tibjms/Queue	oracle.tip.adapter.jms.IJmsConnectionFactory
	eis/tibjms/Topic	oracle.tip.adapter.jms.IJmsConnectionFactory
	eis/tibjmsDirect/Queue	oracle.tip.adapter.jms.IJmsConnectionFactory
	eis/tibjmsDirect/Topic	oracle.tip.adapter.jms.IJmsConnectionFactory
	eis/webspherema/Queue	oracle.tip.adapter.jms.IJmsConnectionFactory
	eis/wis/EDNLocalTxDurableTopic	orade.tip.adapter.jms.IJmsConnectionFactory
	eis/wis/EDNLocalTxTopic	oracle.tip.adapter.jms.IJmsConnectionFactory
		oracle.tip.adapter.jms.IJmsConnectionFactory
	eis/wls/EDNxaTopic	oracle.tip.adapter.jms.IJmsConnectionFactory
	eis/wis/Queue	oracle.tip.adapter.jms.IJmsConnectionFactory
	eis/wis/Topic	oracle.tip.adapter.jms.IJmsConnectionFactory

Figure 1-45 Settings for JMSAdapter - Outbound Connection Pools Configuration

28. Click Configuration tab, select Outbound Connection Pools and expand oracle.tip.adapter.jms.IJmsConnectionFactory.

The Create a New Outbound Connection screen displays.

Figure 1-46 Create a New Outbound Connection

	iortal?_nfpb=true&_pageLabel=ConnectorCreateOutboundConnectionPage 🛛 🕫 😵 Google 🖉 🏠 📋 🌲	
ORACLE WebLogic Server	ministration Console 12c	ç
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Don
View changes and restarts	Home >FCUBSIMSModule >placeholder >Summary of Deployments >ImsAdapter >Summary of Deployments >ImsAdapter >Summary of Deployments >ImsAdapter	
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Create a flew Outbound Connection Back Next Finish Cancel	
Domain Structure	Outbound Connection Group	
NphaDomain ▲ ⇒ Environment ↓ Servers	In which outbound connection group do you want to create an instance? Outbound Connection Groups	
⊕-Custers ■ -Coherence Clusters ■ -Machines ■ -Watel Nots ■ -Work Managers ■ -Deployments ■ ⇒Bervices ■ ⇒Messaging ■ —Not Servers ■ —Strives ■	Showing 1 to 1 of 1 Previous N Outbound Connection Group o oracle.top.adapter.tms.llmsConnectionFactory Showing 1 to 1 of 1 Previous N Back Next Finish Cancel	
How do I Configure outbound connection pool properties		
System Status 🖂		
Health of Running Servers		
Failed (0) Critical (0) Overloaded (0) Warning (0) Ok (2)		



- 29. Click New.
- 30. Select the Outbound Connection Group and click Next.

The Create a New Outbound Connection - JNDI Name for Outbound Connection Instance screen displays.

Figure 1-47 Create a New Outbound Connection - JNDI Name for Outbound Connection Instance

soa-infra (SOA Infrastruct × FC1211Q	R2 (Oracle Web × Create a New Outbound × dev_domain (Oracle Web × Summary of JMS Servers × AlphaDomain (Oracle We × +	3
C @ 10.184.135.218:7001/console/console	portal?ConnectorCreateOutboundConnectionPortlet_actionOverride=/comv/bea/console/actions/conn V C 🛐 - Google 🔎 🏠 🗎 🖡 🕯	=
	dministration Console 12c	₽
Change Center	🏦 Home Log Out Preferences 应 Record Help	ain
View changes and restarts	Home >FCUBSIMSModule >placeholder >Summary of Deployments >ImsAdapter >Summary of Deployments >ImsAdap	
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Create a New Outbound Connection Back Next Frish Cancel	
Domain Structure	JNDI name for Outbound Connection Instance	1
AlphaDomain	Enter the JNDI name that you want to use to obtain the new connection instance * Indicates required fields	
Coherence ClustersMachinesVirtual HostsWork ManagersStartua and Shutdown Classes	The Outbound Connection instance represents a connection pool. The JNOI name can be used to obtain the pool at runtime.	
Deployments Services Hessaging With Servers Servers Servers	Back Next Finah Cancel	
How do I		
Configure outbound connection pool properties		
System Status		
Health of Running Servers		
Failed (0) Critical (0) Overloaded (0) Warning (0) OK (2)		
WebLogic Server Version: 12.1.3.0.0 Copyright (c) 1996;2014, Oracle and/or its affiliates. A Oracle is a registered trademark of Oracle Corporatio	i rights reserved. and/or is affiliates. Other names may be trademarks of their nepoettive owners.	

- 31. Specify the JNDI Name as eis/Queue/Notif and click Finish.
- **32.** The eis/Queue/Notif is listed in the Outbound Connection Pool Configuration Table on the **Settings for JMSAdapter** screen.

The Settings for JMSAdapter - Table screen displays.

O 10.184.135.218:7001/console/console Ousters Coherence Clusters Workines Work Managers		ctionPoolBage&_nfpbetrue& マ で 図、 Google アン () な () な () しょう () な ()
LStartup and Shutdown Classes	New Delete	Showing 1 to 1 of 1 Previous Next
 Services Messaging 	C Groups and Instances 🗞	Connection Factory Interface
	oracle.tip.adapter.jms.IJmsConnectionFactory	orade.tip.adapter.jms.IJmsConnectionFactory
iow do L	eis/activemq/Queue	orade.tp.adapter.jms.IJmsConnectionFactory
	eis/aqims/EDNLocalTxDurableTopic	orade.tip.adapter.jms.IJmsConnectionFactory
 Configure outbound connection pool properties 	eis/aqims/EDNLocalTxTopic	oracle.tip.adapter.jms.IJmsConnectionFactory
	eis/aqims/EDNxaDurableTopic	oracle.tip.adapter.jms.IJmsConnectionFactory
System Status	eis/aqims/EDNxaTopic	oracle.tip.adapter.jms.IJmsConnectionFactory
Health of Running Servers	eis/aqims/Queue	oracle.tip.adapter.jms.IJmsConnectionFactory
Failed (0)	eis/aqjms/Topic	oracle.tip.adapter.jms.IJmsConnectionFactory
Critical (0)	eis/fioranomq/Topic	oracle.tip.adapter.jms.IJmsConnectionFactory
Overloaded (0)	eis/jbossmq/Queue	oracle.tip.adapter.jms.IJmsConnectionFactory
Warning (0)	eis/jms/aiaB2BQueueCF	orade.tip.adapter.jms.IJmsConnectionFactory
OK (2)	eis/jms/alaErrorTopicCF	oracle.tip.adapter.jms.IJmsConnectionFactory
	eis/pramati/Queue	orade.tip.adapter.jms.IJmsConnectionFactory
	eis/Queue/Notif	orade.tip.adapter.jms.IJmsConnectionFactory
	eis/sunmq/Queue	orade.tip.adapter.jms.IJmsConnectionFactory
	eis/tibjms/Queue	oracle.tip.adapter.jms.IJmsConnectionFactory
	eis/tibjms/Topic	orade.tip.adapter.jms.IJmsConnectionFactory
	eis/tibimsDirect/Queue	oracle.tip.adapter.jms.IJmsConnectionFactory
	eis/tibjmsDirect/Topic	orade.tip.adapter.jms.IJmsConnectionFactory
	eis/webspherema/Queue	orade.tip.adapter.jms.LJmsConnectionFactory
	eis/wis/EDNLocalTxDurableTopic	orade.tip.adapter.jms.IJmsConnectionFactory
	eis/ws/covicional and a set opic	oracle.tip.adapter.jms.LimsConnectionFactory
	eis/wis/EDNzaDurableTopic	oracle.tip.adapter.jms.IJmsConnectionFactory
	eis/ws/EDixaDDi able topic	oracle.tip.adapter.jms.1JmsConnectionFactory
	eis/ws/conventopic eis/ws/Queue	oracle.tip.adapter.jms.IJmsConnectionFactory
	eis/wis/Queue eis/wis/Topic	oracle.tip.adapter.jms.ljmsConnectionFactory
	New Delete	Showing 1 to 1 of 1 Previous Nex

Figure 1-48 Settings for JMSAdapter - Outbound Connection Pool Configuration Table

33. Click on the Outbound connection pool with **eis/Queue/Notif** and specify the connection factory location as **jndi/FCUBSConnectionfactory**, and press enter.

The Settings for oracle.tip.adapter.jms.IJmsConnectionFactory screen displays.

Figure 1-49	Settings for oracle.tip.adapter.jms.IJmsConnectionFactory
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	e.portal?_nfpb=	true&_pageLa	ibel=Connect	orOutboundCon	nectionConfigProp	pertiesPage	&ConnectorOu ⊽ C 8 - Go	ogle	٩ 🕁	Ê	+ 1	
	Administration	Console 12c										ç
Change Center	Home	Log Out Prefe	rences 🔝 Re	cord Help	Q			Wel	come, admin	Connect	ed to: Alph	aDom
View changes and restarts		nsAdapter »Sum ents > JmsAdap b		nents >JmsAdapter	»Summary of Deploy	ments >Jms/	dapter »Summary of JMS Modules »FC	UBSJMSModule >Summary of JM	S Modules »Sumr	nary of		
Configuration editing is enabled. Future				ImsConnection	Eastern							
changes will automatically be activated as you modify, add or delete items in this domain.	General		Transaction	Authentication		Logging						
Domain Structure	General	Properties	Transaction	Authentication	Connection Pool	Logging						
Environment Servers O'-Clusters		nd Connectior	n Properties						44	0		
Coherence Clusters	Save	1							Showing 1	to 7 of 7	Previous	Next
Virtual Hosts	Proper	rty Name 🚕		Pro	operty Type		Property Value	Supports Dynam	nic Updates			
Startup and Shutdown Classes	Acknow	ledgeMode		jav	a.lang.String		AUTO_ACKNOWLEDGE	false				
-Services	Connect	tionFactoryLoca	tion	jav	a.lang.String		jndi/FCUBSConned	false				
E-Messaging	Factory	Properties		jav	a.lang.String			false				
Store-and-Ennward Agents	IsTopic			jav	a.lang.Boolean		false	false				
How do I 🖂	IsTransi	acted		jav	a.lang.Boolean		false	false				
 Configure outbound connection pool properties 	Passwor				a.lang.String			false				
proper des	Usernan	ne		jav	a.lang.String			false				
System Status 🖂	Save								Showing 1	to 7 of 7	Previous	Next
Health of Running Servers												
Faled (0) Critical (0) Overloaded (0) Warning (0) OK (2)												



34. Click on Save.

Two messages displays on the **Settings for** oracle.tip.adapter.jms.IJmsConnectionFactory screen.

10.184.135.218:7001/console/console	portal?_nfpb=	true&_pageLa	bel=Connecte	orOutboundCon	nectionConfigProp	ertiesPage&ConnectorOu 🔻 C 🛛	Google Go	م	☆ 🛍	•	↑ Ξ
	dministration	Console 12c									Ģ
Change Center	Home	Log Out Prefer	ences 🚵 Re	cord Help	Q			Welcome, a	imin Conn	nected to:	AlphaDom
View changes and restarts		nsAdapter »Sumr ents > JmsAdapte		nents >JmsAdapter :	Summary of Deploy	sents »JmsAdapter »Summary of JMS Module	s >FCUBSJMSModu	le »Summary of JMS Modules	>Summary (of	
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Messages			restarts are nece	ssary.						
Jomain Structure	1.000	yment plan has l									
AlphaDomain A	S Reme	ember to update	your deployment	ent to reflect the n	ew plan when you a	e finished with your changes.					
Environment	Settings fr	or oracle.tip.a	dapter.jms.I	ImsConnection	actory						
Clusters	General	Properties	Transaction	Authentication	Connection Pool	Logging					
Wachines		e allows you to v		y the configuration	properties of this of	tbound connection pool. Properties you mo	odify here are save	ed to a deployment plan.			
Virtual Hosts Vork Managers Startup and Shutdown Classes Deployments ⊖ Services I→Messaging JMS Servers	Outbour				properties of this or	tbound connection pool. Properties you mo	dify here are save		wing 1 to 7 o	of 7 Previ	ous Next
	Outbour Save Proper	nd Connection		Prop			dify here are save	Sho	-	of 7 Previ	ous Next
Work Managers Startup dosts Work Managers "Deployments Genvices Genvices Hessaging Lessaging Lessaging Lessaging tow do L.	Outbour Save Proper Admow	nd Connection	Properties	Prop. java.k	erty Type	Property Value	dify here are save	Sho	-	of 7 Previ	ious Next
Work Managers Startup dosts Work Managers "Deployments Genvices Genvices Hessaging Lessaging Lessaging Lessaging tow do L.	Outbour Save Proper Admowl Connect	nd Connection	Properties	Prop java.lz java.lz	erty Type ang.String	Property Value AUTO_ACKNOWLEDGE	ndify here are save	Sho Supports Dynamic Upo false	-	of 7 Previ	ous Next
Work Managers Work Managers Work Managers Work Managers Services Works Messaging Works Works Corea-and-Ensured Anente V	Outbour Save Proper Admowl Connect	nd Connection	Properties	Propu java.la java.la java.la	erty Type ang.String ang.String	Property Value AUTO_ACKNOWLEDGE	dify here are save	Sho Supports Dynamic Upo false false	-	of 7 Previ	ous Next
Work Managers Work Managers Work Managers Startup and Shutdown Classes Deployments Services PMS Services Vore and Ensured Anente Configure outbound connection pool	Outbour Save Proper Adxnowl Connect Factory	nd Connection	Properties	Propu java.la java.la java.la java.la	erty Type ang.String ang.String ang.String	Property Value AUTO_ACRNOWLEDGE jnd/FCUBSConnectionFactory	dify here are save	Sho Supports Dynamic Upo false false false	-	of 7 Previ	ous Next
Work Managers Work Managers Work Managers Work Managers Services Services Messaging Messaging tow do L	Outbour Save Proper Admowl Connect Factory IsTopic	nd Connection	Properties	Ргорч јача.!с јача.!с јача.!с јача.!с јача.!с јача.!с	erty Type ang.String ang.String ang.String ang.String ang.Boolean	Property Value AUTO_ACRNOWLEDGE jnd/FCLBSConnectionfactory false	odify here are save	Shor Supports Dynamic Upo faise faise faise faise	-	of 7 Previ	ous Next
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Figure 1-50 Settings for oracle.tip.adapter.jms.IJmsConnectionFactory - Messages

35. Go to Weblogic Console, click Deployment, and select JMS Adapter.

The Summary of Deployments screen displays.

Figure 1-51 Summary of Deployments

(10.184.135.218:7001/console/console.p	ortal?_nt	pb=true&_pageLabel=AppDeploymentsControlPage	⊤ C	8 - G	oogle	P 1	2 自 平 1
OF-Clusters Horence Clusters Hachines Wirtual Hosts Wirtual Hosts Work Managers Startup and Shutdown Classes Deployments Oservices	Dep	staal a new apparation or module for deployment to targets in this do tomize this table: loyments nall Update Delete Start > Stop >	main, click the Install Dutton.			Showing 1 to 46	of 46 Previous N
	100	Name 🗇	State	Health	Туре	Targets	Deployment Ord
How do I		⊗ AqAdapter	Prepared	🛩 ок	Resource Adapter	SOAServer	324
Install an enterprise application Configure an enterprise application	823	в Еврзия	Prepared	🛩 ок	Enterprise Application	SOAServer	313
Update (redeploy) an enterprise application	122	D BamComposer	New		Enterprise Application	BAMServer	500
Start and stop a deployed enterprise application Monstor the modules of an enterprise	123	BamCQService	New		Enterprise Application	BAMServer	300
application • Deploy EJB modules	1993	€ EBBamServer	New		Enterprise Application	BAMServer	400
Install a Web application	100	IE CBBPMComposer	Active	🛩 ок	Enterprise Application	SOAServer	385
ystem Status 🖂	[22]	Coherence-transaction-rar	Active	✓ OK	Resource Adapter	AdminServer, BAMServer, SOAServer	100
Failed (0)	100	CoherenceAdapter	Installed		Resource Adapter		331
Critical (0) Overloaded (0)	123	@DbAdapter	Active	🖋 ок	Resource Adapter	SOAServer	322
Warning (0) OK (2)	100	E DefaultToDoTaskFlow	Active	🖋 ОК	Enterprise Application	SOAServer	314
	123	E OMS Application (12.1.3.0.0)	Active	🛩 ок	Web Application	AdminServer, BAMServer, SOAServer	5
	100	18 Caem	Active	🛩 ок	Enterprise Application	AdminServer	400
	HT1	IEFCUBSAppIUT (12.1.0.0.0)	Active	Warning	Enterprise Application	SOAServer	600
	122	@ FileAdapter	Active	🖋 ок	Resource Adapter	SOAServer	321
	1221	(*) Effrevvo	Active	🛩 ок	Enterprise Application	SOAServer	100
	123	<mark>⊛</mark> [₽] tpAdapter	Active	🛩 ок	Resource Adapter	SOAServer	325
	100	(E) GWWebServices (12.1.0.0.0)	Active	🖉 ок	Enterprise Application	SOAServer	600
	123	😹 3DEWorldAdapter	Installed		Resource Adapter		333

36. Click **Update**.

The **Update Application Assistant** screen displays.

10.184.135.218:7001/console/console.p	portainappApplication	opuateron	iererum 10=A	ahhpehi	noyments	scontroip	-ageo.Appbi	epioyme	anscontre		8 - Goog	c.		٩	☆	Ê	-	п	=
ORACLE WebLogic Server Ad	dministration Console	12c																	õ
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View changes and restarts	Home >Summary o Deployments >3msA				y of Deploy	oyments >Jr	msAdapter >S	Summary o	of JMS Mode	ules > FCUB	SJMSModule :	Summary of J	15 Modules >S	ummary of					
Configuration editing is enabled. Future changes will automatically be activated as you	Update Applicatio	n Assistant																	
modify, add or delete items in this domain.	Back Next	Finish	Cancel																
Domain Structure).																	
AlphaDomain	Locate new dep	loyment fi	les																
Environment Servers	You have elected	to update th	e JmsAdapter aj	application	on.														
Clusters Coherence Clusters	🔘 Update this a	pplication	in place with r	new dep	ploymen	nt plan ch	hanges. (A d	deploym	ent plan	must be	specified fo	r this option)						
Machines Virtual Hosts	Deployment pla	path:	/scratch/a	app/orad	cle/product	ct/fmw12a	tr 3/soa/soa/co	onnectors	s/Plan 1.xm	Change	Path								
Work Managers																			
Startup and Shutdown Classes	Redeploy this	applicatio	n using the fo	ollowing	g deployn	ment file	25:												
Deployments																			
Services	Source path:		/scratch/a	app/orad	cle/product	ct/fmw12c	r 3/soa/soa/co	onnectors	s/JmsAdap	ter.rar Ch	ange Path								
É -Messaging										-									
JMS Servers Store-and-Enrward Agents	Deployment pla	path:	/scratch/a	app/orad	cle/product	ct/fmw12c	r3/soa/soa/co	onnectors	s/Plan 1. xm	Change	Path								
How do I 🗉	Back Next	Finish	Cancel																
 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																			
- rescare includes in an enterprise appresson																			
System Status																			
Health of Running Servers																			
Failed (0)																			
Critical (0)																			
Overloaded (0)																			
Warning (0)																			
ОК (2)																			

Figure 1-52 Update Application Assistant

37. Click Next and then click Finish.

The two messages displays on the **Summary of Deployments** screen.

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Figure 1-53 Summary of Deployments - Messages

 Create the Outbound Connection Pool with the eis/wls/Queue name in the Deployments using Connection Factory jndi/FCUBSConnectionfactory.

1.2.7 Configure FTP Adapter

This topic explains to configure FTP Adapter using the below steps.

- 1. Login to Weblogic Console, click Deployment, and select FTP Adapter.
- 2. Click the **Configurations** tab and select **Outbound Connection Pool**.

The **Outbound Connection Pool** screen displays.

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Change Center	Home Home	e Log Out Prefe	erences 🚵 Record He	p		Q					We	lcome, adr	nin Co	nnected to	: AlphaD	om
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Configuration editing is enabled. Future	Settings	for FtpAdapte	er													
changes will automatically be activated as you modify, add or delete items in this domain.	Overvier	w Deploymen	t Plan Configuration	Security	/ Targets	Control	Testing	Monitoring	Notes							
Domain Structure	General	Properties	Outbound Connectio	n Pools	Admin Object	s Work	oad I	nstrumentation								
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Figure 1-54 Outbound Connection Pool

3. Click New.

The Create a New Outbound Connection screen displays.

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View changes and restarts	Home >Summary of Deployments >FtpAdapter					
Configuration editing is enabled. Future	Create a New Outbound Connection					
changes will automatically be activated as you modify, add or delete items in this domain.	Back Next Finish Cancel					
Domain Structure	JNDI name for Outbound Connection Instance					
AlphaDomain ⊕-Environment Deployments ⊕-Services	Enter the JNDI name that you want to use to obtain the new connection instance * Indicates required fields					
Security Realms D-Interoperability Diagnostics	The Outbound Connection instance represents a connection pool. The JNDI name can be used to obtain the pool at runtime.					
	Back Nest Aneh Cancel					
How do I						
properties						
System Status 🖂						
Health of Running Servers						
Failed (0) Critical (0) Overloaded (0) Warning (0) Ok (2)						

Figure 1-55 Create a New Outbound Connection

- 4. Specify eis/ftp/FtpAdapterLcl in the JNDI Name field.
- 5. Click Finish and Save.

This topic contains the following sub-topic:



• BIP Interactive reports configuration This topic explains systematic instructions to configure the BIP Interactive reports with BPEL.

1.2.7.1 BIP Interactive reports configuration

This topic explains systematic instructions to configure the BIP Interactive reports with BPEL.

To configure BPEL with BIP interactive reports, follow the instructions below:

- 1. Login to the **BIP domain console**, http/s:<hostname>:<port>/console.
- 2. To add the FCJCustomProvider, refer to steps from *Configure Custom Authentication Provider* topic.
- Navigate to Security realms and click myrealm, and then click Users and Groups tab. The Settings for myrealm - Users and Groups screen displays.

Change Center	Home Log	Out Preferences 🔛 R	ecord Help	Q			Welco	me, weblogic Connected to: bifoundation_dom
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No pending changes exist. Click the Release Configuration button to allow others to edit th	Settings for r	nyrealm						
domain.	Configuration	Users and Groups	Roles and Policies	Credential Mappings	Providers	Migration		
Lock & Edit	Users Gro	oups						
Release Configuration								
Domain Structure	This page di	splays information about e	each user that has b	een configured in this see	urity realm.			
ifoundation domain	Some result	s are not displayed becaus	se there are too ma	ny matches. Please custo	nize this table	to specify more s	pecific criteria.	
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Create users	14141	4	Defau	lt Admin User 10			FCJCustomProvide	r.
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Overloaded (0)								
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OK (2)	1							

Figure 1-56 Settings for myrealm - Users and Groups

Note:

Check if the users from the schema, display in the **Users** tab, and the roles from the schema are displayed under the **Groups** tab.

- 4. Login to the Enterprise Manager (em) http/s:<hostname>:<port>/em.
 - Right click the domain (in which BI suite is installed) under the WebLogic domain.
 - Go to **Security** and then navigate to **Application Roles**.

The Enterprise Manager screen displays.



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Figure 1-57 Enterprise Manager

- 5. Navigate to the **Application Roles** screen, specify the following details:
 - a. Select obi from the Application Stripe drop-down.
 - b. Click the Search button.
 - c. Click the Create button to add a role.

The Application Roles screen displays.

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calhost:7002/em/faces/as/as/wlFarmHome?target=	=Farm bifoundation domain&type=oracle ias fa	rm& afrLoop=204754250353830	

- 6. On the Create Application Role screen, specify the following details:
 - a. Specify the **Role Name** (mandatory), **Display Name** (optional) and **Description** (optional).



b. Click the **Add** button.

The Add Principal pop-up displays.

ORACLE Enterprise Manager	11g Fusion Middleware Control				Setup + Help	✓ Log Out
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♥ ♥ ■ ♥ ■	bifoundation_domain () WebLogic Domain +			Page	Logged in as N Refreshed Mar 19, 2014 6:45:35 F	
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	No groups or application roles added.		Type Group * Principa	Display Name Display Name name here instead of searce Name ALEROLES-000 Name ALEROLES-000		y v

- c. Select Group from the **Type** drop-down.
- d. Select the checkbox under the **Advanced Option** section and again select Group from the **Type** drop-down.
 - Click the Search button, if the roles are listed then select the roles like ALLROLES-000, ADMINROLE-000 from the list.
 - Specify the **Principal Name** (mandatory), which is the role present in the FCUBS (ex: ALLROLES-000, ADMINROLE-000), Display Name (optional).
- e. Click the OK button in the Add Principal pop-up and then also in the Create Application Role screen.

A confirmation screen displays with a message stating that a new role added successfully.

7. Again, right click the domain (which BI suite is installed) under the **WebLogic domain** and select **Security** and then select **Application Policies**.

The Application Policies screen displays.



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	Web Services				principal type and enter search	keyword to query application security	y grants assigned to the principals. Click on searched principal to query			
	ADF Domain Configura	ation		ned. polication Stripe obi	•					
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	Metadata Repositories	5		Security Provider Configuration	-	D				
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Figure 1-60 Application Policies

- 8. On the Application Policies screen, specify the following details:
 - a. Select obi from the Application Stripe drop-down and also select Application Role in the Principal Type field.
 - b. Click the search button.
 - c. Select **BIConsumer** from the list and click the **Create** button.

The Application Policies screen displays.

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Application Deployments WebLogic Domain Diffoundation_domain D	☐ To manage users an ✓ Policy Store Prov F ✓ Search Select an application polices assess Application Propping	he authorization policies that an application re d groups in the WebLogic Domain, use the <u>Or</u> i dier Scope WebLogic Domain rovider XML occation ./system-jazn-data.xml	ade WebLogic Server S	lecurity Provider. I to query application security grants	assigned to the principals. Click on searched principal to qu	Jery
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Figure 1-61 Application Policies

9. On the **Create Application Grant** screen, click the **Add** button.

The Add Principal pop-up window displays.

Figure 1-62 Add Principal

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AdminServer	Application Stripe obi Grantee						licenced licensee
 Business Intelligence Metadata Repositories 	Select the grantees (user, grou Add 🚿 Delete	up or application role) you want to a	id to the policy.				
	Name	Display Name	Туре	Descripti	ion		
	No users or groups added.	Add Principal					
		Specify criteria to search and s	elect the application roles that you	want to grant permissi	ions to.		
		Туре					
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		BIAdministrator	BI Administrator Role				
	4	BIAuthor	BI Author Role				
		BIConsumer	BI Consumer Role				
		BIReportViewer	FCUBS Consumer Role		_		
		ALLROLES	ALLROLES	ALLROLES			
		authenticated-role	Authenticated Role				
		anonymous-role	Anonymous Role				
				ОК	Cancel		

- 10. On the Add Principal pop-up window, perform the following actions:
 - a. Select Application Role from the Type drop-down list and click the Search button.
 - **b.** From the **Searched Principals** list, select **ALLROLES** that has been created earlier in the **Application Role** screen.



- c. Click the OK button in the Add Principal pop-up window and also on the Create Application Grant screen.
- 11. Click the **Add** button under **Permissions** section and add the two permissions one by one as mentioned below.
 - oracle.bi.publisher.runReportOnline
 - oracle.bi.publisher.accessReportOutput

The Create Application Grant - Permissions screen displays.

Figure 1-63 Create Application Grant

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Farm_ELCM121MAT Parm_ELCM121MAT	🔠 WebLogic Domain 👻				Page Refreshed	Dec 10, 2014 4:15:06 PM IST			
V 🔄 WebLogic Domain	Application Policies > Create Application Gran	nt							
	Create Application Grant								
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▷ A bi_cluster ▷ a bi_cluster ▷ a bi_cluster	Grantee								
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🗁 🚞 Metadata Repositories	Name	Display Name	Туре	Description					
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	Add / Edit 💥 Delete		Resource Nam		Resource Type	Permission Actions			
	🗣 Add 🥒 Edit 💥 Delete		oracle.bi.publi	e sher.runReportOnline sher.accessReportOutput	Resource Type oracle.bi.publisher.permission oracle.bi.publisher.permission	Permission Actions			

The confirmation screen displays with a message stating that a security added successfully.

- 12. Login into the BI Publisher , http/s:<hostname>:<port>/xmlpserver.
- 13. Click Administration.
- 14. Click **Roles and Permission** under **Security Center** and check whether the added role (in em) is displayed or not, if not, restart the servers.

The **BIPublisher - Administration** screen displays.



ORACLE BI Publisher Enterprise	Search All	~	Ø	Administration	∎ Help v	Sign Out 읻
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Security Center Security Conformation Robes and Permissions Data Signature	Runtime Configuration Properties Font Mappings Currency Formats					
Delivery > Delivery Configuration > Prints - Email > WebOAV > HTTP + FIP + CLPS Server	Integration orade Et Presentation Services Orade Endeca					
Orade BI Publisher 11.1.1.7.0 (build:20130303,1415)						

Figure 1-64 BIPublisher - Administration

15. Click **Catalog**, select the folder that has been created.

The **BIPublisher - Catalog** screen displays.

Figure 1-65 BIPublisher - Catalog

ACLE BI Publisher En	terprise	Search Al		Administra	ation Help ~ Sign Out 🧲
log			Home Catalog	New 🗸 📔 🧰 Open	 Signed In As weblogic -
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16. Click **Permissions** under the **Tasks**.

The **Permissions** pop-up displays.



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	Help				OK Cancel				
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	•	Roles		-					
		BI Administrator Role	>	1					
		BI Author Role	Move]					
		BI Consumer Role	Move All	-					
		BI System Role	Remove	_					
		Manager	33						
		NormalUser	Remove All	1					
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FCReports									
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Paste 👰 Rename	1	Help			OK Cancel				
Permissions Reporties						20			
Export XLIFF									

Figure 1-66 Permission

- **17.** Delete all the roles if any present.
- 18. Click the Add button.
- 19. Click the Search button in the Add Roles pop-up window.
- 20. Select the role that has been created and click the **Move** button and then click **OK**.

The role will be added in the **Permissions** pop-up window.

Figure 1-67 Permissions - Add Roles

ORACLE	BI Publisher Ent	erprise		Search All	UV.	•	Administration	Help ~	Sign Out	0
Catalog					Home Catalog	New ~	🚞 Open ~	Signed In A	s weblogi	6 ~
Folders My Folders My Folders Gomponents Gomponents FCReports B Samples		Contains: //Rhaned/Pioders/PiCRaports Patho [Lass Modelder 3/12/14 1128 PN Created By weblogic Coom Schedule Jobs Job Hotory Edit Moree- antio Lass Modelde 3/13/14 1126 PM Created By weblogic undefined Edit Moree-	*							0
		Permissions Leation //CRepots ALBORES to items within the folder ALBORES	kead Write	Palate Bun Record Colo	Schedule Report Very R	Cancel]			
Copy	Upload Download Cut Sup Frogerities Export SULPF									

21. Select the options that should be granted to the particular role and check if permissions are only granted to items in the folder if necessary.

Now the reports in the folder will be accessed accordingly based on roles.



Note:

Similarly, you can set the permissions at the report level also for a particular role.

- 22. Login in to BI Publisher http://server:port/xmlpserver.
- 23. Click Administration.

The Administration screen displays.

Figure 1-68 Administration

Administration	Home Catalog 🦉 New 🗸 🎦 Open 🗸 Signed In As 👐 🔤
Data Sources Data Connection DBC Connection File LDAP Connection OLAP Connection	System Maintenance Server Configuration Scheduler Configuration Scheduler Dopnositis Report Viewer Configuration
Security Center Security Configuration Roles and Permissions Digital Signature	Runtime Configuration Properties Font Mappings Currency Formats
 Delvery Delvery Configuration Print Frax Ernal WebDAV HTTP FTP CUPS Server 	Integration Oracle BI Presentation Services
nder Data Sources , click JDBC C	connection.
he Administration - JDBC screer	i displavs.



DITUD	lisher Enterprise	Search All	×	0	Administration		Sign Out
dministration			Home Catalog S	New ~	📔 🔁 Open 🗸 🛛	Signed In /	s weblog
dministration > JDBC							
Data Sources							
JDBC JNDI File LDAP	OLAP						
Add Data Source	© Previ	us 1-10 of 16 💌 <u>Next 6</u> 🦻					
Data Source Name	Connection String	Delete					
<u>demo</u>	jdbc:oracle:thin:@10.184.149.52:1521:SOADB	Û					
FC1202UBS	jdbc:oracle:thin:@10.184.132.144:1521:KD12NEW	Û					
FC121DEV	jdbc:oracle:thin:@10.184.132.144:1521:KD12NEW	Û					
FCBIP	jdbc:oracle:thin:@10.184.154.149:1521:ORFC12C	Û					
FCOR121DEV	jdbc:oracle:thin:@10.184.154.149:1521:ORFC12C	Û					
FCOR121IUT	jdbc:oracle:thin:@10.184.154.149:1521:ORFC12C	Û					
FCUBS1203	jdbc:oracle:thin:@10.184.132.137:1521:FCPATCH2	Û					
FCUBS121	jdbc:oracle:thin:@whf00aew:1521:ORFC12C	Û					
FCUBS12C	jdbc:oracle:thin:@10.184.132.172:1521:FCUBS12C	Û					
fcubswf1202	jdbc:oracle:thin:@10.184.149.52:1521:SOADB	Û					
Add Data Source	S Previo	us 1-10 of 16 💌 Next 6 🥥					

Figure 1-69 Administration - JDBC

25. Click Add Data Source to create the data source with name as FCSOA and use SOA schema details to create the same.

The Add Data Source screen displays.

DRACLE BI Publisher Enterprise		Search <mark>All</mark>			Administratio		Sign Out
Administration			Home	Catalog 🧕 New 🗸	Open 🗸	Signed In A	s weblogic
Idministration > JDBC > Add Data Source							
Add Data Source							-
						Apply	Cancel
General							
TIP Please make sure to install the required JDBC driver classe	s.						
✓TIP With Oracle Fusion Middleware Security Model, select the	Use System User checkbox to use the BI System User	for your BI Serve	Database Conn	ection.			
* Data Source Name	FCSOA						
* Driver Type	Oracle 11g						
	oracle.jdbc.OracleDriver						
	(Example: oracle.jdbc.OracleDriver)						
* Connection String	jdbc:oracle:thin:@//ofss222783.in.oracle.com:1521	FCUBSDEV121					
Use System User	DEV12C_SOAINFRA						
* Username Password							
Pre Process Function							
Post Process Function	I						
rost rocess raited	Use Proxy Authentication						
	Test Connection						
Backup Data Source							
✓TIP To enable access to a backup data source, please check the	e Use Backup Data Source checkbox and enter the n	cessary connectio	n information.				
Connection String	Use Backup Data Source						
Username							
Password							
Passworu	Test Connection						
	ISAR SAMICUMI						

Figure 1-70 Add Data Source

26. Under **Security**, add FCUBS roles to Allowed Roles.

The Add Data Source (Security) screen displays.



ORACLE	BI Publisher Enterprise			Sei	arch <mark>All</mark>	~		Ø	Administratio	n Help v	Sign Out
Administration						Home	Catalog	New 🗸	📔 🔁 Open 🗸	Signed In /	As weblogi
	Use System User * Username Password Pre Process Function Post Process Function	DEV12C_SOAINFRA	tion	·							
Backup Data So	ource										
≪TIP To enable	access to a backup data source, please check th Connection String Username Password	e Use Backup Data Source Use Backup Data Source Test Connection		enter the nece	ssary connecti	on information					
Security											
Allow Guest A	Access	Available Roles El Administral Bl Author No Bl Consumer Bl System Ro FCUBS Consu	tor Role 🔺 le Role le	⊘ Move ≫ Move All ≪ Remove Remove All	Allowed Roles ALLROLES		* 0 9 9				

Figure 1-71 Add Data Source (Security)

- 27. Click Test Connection.
- 28. Once the connection is established successfully, click Apply.
- 29. Follow steps 25 to 28 to create the data source for FCUBS Schema and specify the name as FCBIPBPEL.

1.2.8 BAM Report Configuration settings

This topic explains the configuration settings for BAM reports.

Generate a deployment plan for BAM Composer Application. If you want to configure BPEL with BAM reports, follow the steps below:

- 1. Generate a deployment plan for BAM Composer Application.
- 2. Log in to console http://<hostname>:<port>/<console>.
- 3. Under the Domain Structure, click Deployments.

The Summary of Deployments screen displays.



Change Center	💮 н	ome Log Out Preferences 🔤 Record Help	Q		We	scome, weblogic	Connected to: dev_dom
View changes and restarts	Home	>Summary of Deployments					
Configuration editing is enabled. Future	Summ	ary of Deployments					
changes will automatically be activated as you modify, add or delete items in this domain.	Cont	trol Monitoring					
Domain Structure							
lev_domain		s page displays a list of Java EE applications and sta ted, stopped, updated (redeployed), or deleted f					
Environment Deployment		install a new application or module for deployment	· · · · · · · · · · · · · · · · · · ·				6543
Services		install a new application or module for deployment	to targets in this domain, click the install bu	ccon.			
Security Real Deployments, Level 1, 2 of 6, Se		territe this table					
 Interoperability Diagnostics 	P Cu	stomize this table					
	Dep	loyments					
	In	stall Update Delete Start v Stop	Ψ.			Showing 1 to 4	7 of 47 Previous Next
		Name 🙈	State	Health	Туре	Targets	Deployment Order
	8	AqAdapter	Active	🛩 ок	Resource Adapter	soa_server1	324
iow do I E	13	E Cob2bui	Active	🛩 ок	Enterprise Application	soa_server1	313
Configure an enterprise application	1	E BamComposer	Active	🖌 ОК	Enterprise	bam_server1	500
Update (redeploy) an enterprise application		E Bancomposer	Active	VOK	Application	Dam_server1	500
 Start and stop a deployed enterprise application 	13		Active	🛩 ок	Enterprise Application	bam_server1	300
Monitor the modules of an enterprise application	5	⊞BamServer	Active	🖋 ОК	Enterprise Application	bam_server1	400
Deploy EJB modules Install a Web application	23	BPMComposer	Active	🛩 ок	Enterprise Application	soa_server1	385
iystem Status 🖂	15	Scoherence-transaction-rar	Active	🖋 ОК	Resource Adapter	AdminServer, bam_server1, soa_server1	100
Failed (0)	23	ScherenceAdapter	Installed		Resource Adapter		331
Critical (0) Overloaded (0)	8	BbAdapter	Active	🛩 ок	Resource Adapter	soa_server1	322
Warning (0) OK (3)	2	E Default ToDo TaskFlow	Active	🗸 ок	Enterprise Application	soa_server1	314
UK (3)					Web	AdminServer,	-

Figure 1-72 Summary of Deployments

4. Click BAM Composer.

The Summary of BAM Composer screen displays.

Figure 1-73 Summary of BAM Composer

ange Center	Home Lo	g Out Prefere	ences 💽 Record H	elp		Q					welcome	, weblogic	Connecte	ed to: dev_do
w changes and restarts	Home >Summa	ry of Deployme	ents >BamComposer >Su	mmary of Deploy	yments >Ba	mCompos	ier							
nfiguration editing is enabled. Future	Settings for E	lamCompose	er											
anges will automatically be activated as you dify, add or delete items in this domain.	Overview	Deployment P	lan Configuration	Security	Targets	Control	Testing	Monitoring	Notes	5				
main Structure	Application	Workload	Instrumentation											
_domain Environment	Save													
Deployments Services Security Realms	This page d	This page describes the configuration information that is currently defined in the deployment plan for the selected module or component.												
Interoperability Diagnostics	Session coo	kies max age	e (in seconds):	-1				The life span of the session cookie (in seconds expires on the client. The value '-1' indicates th persist until the client's browser shuts down.						
	Session Inva	lidation Inte	erval (in seconds):	60				The time (in seconds) that WebLogic Server wa doing house-cleaning checks for timed-out and in and deleting the old sessions and freeing up mer						lid sessions,
w do I 🖂	Session Time	eout (in seco	onds):	3600							ne (in secor s invalidated			n remain
Create a deployment plan Jpdate a deployment plan	📰 Debug E	nabled						Er	nable deb	ugging	information	for this se	ssion More	e Info
Start and stop a deployed enterprise application	Maximum in	memory Se	ssions:	-1							nber of sess there is no			ory.The value
Configure an enterprise application Target an enterprise application to a server	Monitoring .	Attribute Na	ame:					se	ssion info	rmation	. For exam	ple, if this v	alue is set	agged with to username, nique. More
stem Status 🛛 🖂									fo					
alth of Running Servers	Save													
Failed (0)	-													
Critical (0) Overloaded (0)														
Warning (0)														
ОК (3)														



- 5. On the Summary of BAM Composer screen, click the Configuration tab, select the Application tab and click the Save button.
- 6. Click the **Overview** tab and check the **Deployment Plan** location.

The Summary of BAM Composer - Overview screen displays.

Change Center	A Home Log Out Preferer	ces 💽 Record He	lp	Q				Welcome, weblogic Connected to: dev_dom		
View changes and restarts	Home >Summary of Deployment	s >BamComposer >Sum	mary of Deploy	ments >BamCompos	er >Summary	of Deployment	s >BamCo	omposer		
Configuration editing is enabled. Future	Settings for BamComposer									
changes will automatically be activated as you modify, add or delete items in this domain.	Overview Deployment Pla	n Configuration	Security T	argets Control	Testing	Monitoring	Notes			
Domain Structure	Save									
tev_domain d+ Environment - Deployments d- Services - Security Realms		at the end of the pa	ge lists the m					the application files, the associated deployment contained in the enterprise application. Click on the		
 Interoperability Diagnostics 	Name:	BamComposer				The	e name of	f this enterprise application. More Info		
	Path:	/ scratch/ app/ fn BamComposer. ea		ware/ soa/ bam/	applications/			the source of the deployable unit on the n Server. More Info		
	Deployment Plan:	/ scratch/ app/ fn Plan3. xml	nw12c/ Middle	ware/ soa/ bam/	applications/			the deployment plan document on the n Server. More Info		
How do I E	Staging Mode:	nostage					the Admir	ether a deployment's files are copied from a source nistration Server to the Managed Server's staging ipplication preparation. More Info		
application • Configure an enterprise application • Create a deployment plan • Target an enterprise application to a server	Plan Staging Mode:	(not specified)					Specifies whether an application's deployment plan is copie from a source on the Administration Server to the Managee Server's staging area during application preparation. More			
Target an enterprise application to a server Test the modules in an enterprise application	Security Model:	DDOnly						model that is used to secure a deployed ore Info		
System Status	🛃 Deployment Order:	500				rela	tive to ot	alue that indicates when this unit is deployed, her deployable units on a server, during re Info		
Faled (0) Critical (0) Overloaded (0) Warning (0) OK (3)	문 Deployment Principal Name:					wh Thi cali App	en deploy s principal ng out int plicationLif	that indicates the principal that should be used ing the fife or archive during startup and shutdown. will be used to set the current subject when to application code for interfaces such as fecycleListerier. If no principal name is specified, nymous principal will be used. More Info		
,	Save Modules and Component	5								

Figure 1-74 Summary of BAM Composer - Overview

7. Add variable and variable assignment as below to the Plan.xml in <modulename>BamComposerWeb.war</module-name>.

```
<variable>
<name>oracle.adf.view.rich.security.FRAME_BUSTING</name>
<value>never</value>
</variable>
<module-descriptor external="true">
<root-element>web-app</root-element>
<uri>WEB-INF/web.xml</uri>
<variable-assignment>
<name>oracle.adf.view.rich.security.FRAME_BUSTING</name>
<xpath>/web-app/context-param/
[paramname="oracle.adf.view.rich.security.FRAME_BUSTING"]/param-value</
xpath>
<origin>planbased</origin>
</variable-assignment> </module-descriptor>
```

- On the Summary of Deployments screen, click the Stop button and the following options are displayed.
 - When work completes

- Force Stop Now
- Stop, but continue servicing administration requests
- 9. Click Force Stop Now.
- **10.** To update the deployment plan, click **Deployment** and select the **BAM Composer** checkbox.

The Summary of Deployments - Update screen displays.

Figure 1-75 Summary of Deployments - Update

Change Center	н н	ome Log Out Preferences 🔤 Record Help	Q		We	lcome, weblogic	Connected to: dev dor
	100000	>Summary of Deployments >BarnComposer >Summary of Deployment	- I have been a second	nyments >P		a han an a	Provide a second second
View changes and restarts			on a manufacture a manufacture 1 or model	e Innei ner vie	anna an gran an an a	anning y or a cpro-	
Configuration editing is enabled. Future changes will automatically be activated as you		ary of Deployments					
modify, add or delete items in this domain.	Cont	rol Monitoring					
Domain Structure	-	page displays a list of Java EE applications and stand-alone ap	when the stand days block have be and	e in stalle d i	a this domain	Testalla d'annel settio	as and modules are be-
lev_domain		ted, stopped, updated (redeployed), or deleted from the do					
Deployments	To	nstall a new application or module for deployment to targets	in this domain, click the Install hu	tton			
D Services	10	is all a new application of module for acperiment to dargets					
Security Realms	A Cu	stomize this table					
Diagnostics	1000						
	Dep	loyments					
	In	stall Update Delete Start v Stop v				Showing 1 to 4	7 of 47 Previous Next
		Name 🙈	State	Health	Туре	Targets	Deployment Order
	8	AqAdapter	Active	🛩 ок	Resource Adapter	soa_server1	324
How do I 🗉	13	B B2bui	Active	🖋 ОК	Enterprise	soa_server1	313
Install an enterprise application Configure an enterprise application				Concerne and	Enterprise		
Update (redeploy) an enterprise application		BamComposer	Active	🖋 ОК	Application	bam_server1	500
 Start and stop a deployed enterprise application 		RamCQService	Active	🖉 ОК	Enterprise Application	bam_server1	300
 Monitor the modules of an enterprise application 		€ BamServer	Active	🛩 ок	Enterprise Application	bam_server1	400
Deploy EJB modules Install a Web application		TOBPMComposer	Active	🛩 ок	Enterprise Application	soa_server1	385
System Status		a coherence-transaction-rar	Active	✓ OK	Resource	AdminServer, bam server1,	100
					Adapter	soa_server1	1 A. A.
Failed (0)	8	CoherenceAdapter	Installed		Resource Adapter		331
Critical (0) Overloaded (0)		😹 DbAdapter	Active	🛩 ок	Resource Adapter	soa_server1	322
Warning (0)	13	DefaultToDoTaskFlow	Active	🖋 ОК	Enterprise Application	soa_server1	314
OK (3)			and the second s				

11. Click the **Update** button.

The Update Application Assistant screen displays.

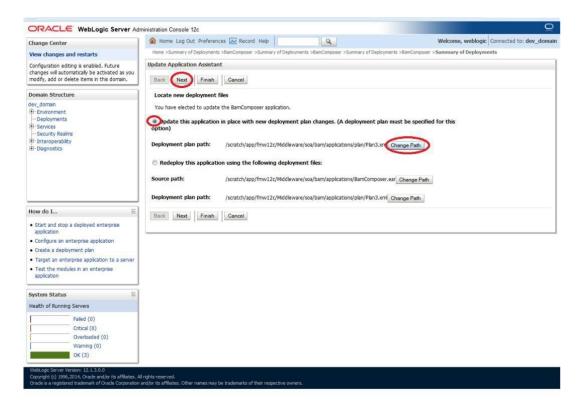


Figure 1-76 Update Application Assistant

- 12. On the Update Application Assistant screen, select the Update this application in place with new deployment plan changes option and click the change path button.
- **13.** Select the latest plan.xml in the path, and click the **Next**.

The Update Application Assistant - Select a deployment plan screen displays.

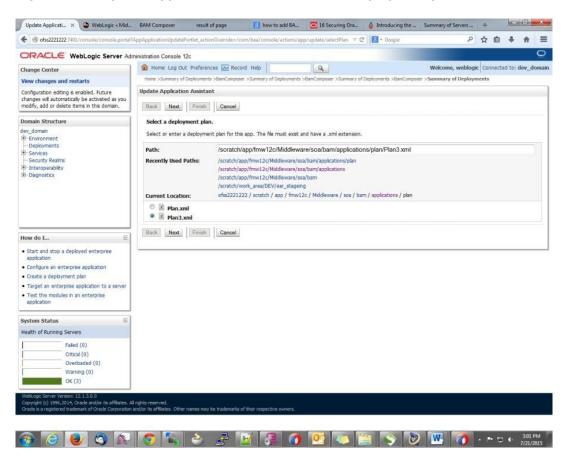


Figure 1-77 Update Application Assistant - Select a deployment plan

14. Click Finish.

Two messages are displayed on the Summary of Deployments screen.



• @ 10.184.135.218:7001/console/console.	portal?_n	fpb=true&_pageLabe	el=AppDeploymentsCo	ontrolPage		V C	8 - G	oogle	۲ م	5 🖻 🗸	F 🕆
	1ministra	tion Console 12c									ç
hange Center	н	ome Log Out Preferen	nces 🚵 Record Help		Q				Welcome, admin	onnected to:	AlphaDon
Tiew changes and restarts ionfiguration editing is enabled. Future hanges will automatically be activated as you odf/y, add or delete items in this domain.	Messa	oyments >JmsAdapter >5 ges	ents >JmsAdapter >Sumn Summary of Deploymen activated, No restarts an	ts	»JmsAdapter »Summary	y of JMS Modules > FC	UBSJMSMod	lule >Summary of JM	IS Modules >Summary of		
omain Structure	🖋 S	elected Deployments w	vere updated.								
phaDomain	Summ	ary of Deployments	5								
2-Environment Servers ⊕-Clusters Coherence Clusters Machines		Monitoring		1 . 1 . 1	v				s and modules can be starte	1	
Startup and Shutdown Classes 	Cus Dep	stomize this table	or module for deployme	nt to targets in this	domain, click the Instal	ll button.					
ow do I 🖃	Ins	stall Update De	elete Start v Str	op ~					Showing 1 to 46	of 46 Previ	ous Next
Install an enterprise application		Name 🖘	elete Start - St	op ~		State	Health	Туре	Showing 1 to 46	of 46 Previ	
Install an enterprise application Configure an enterprise application			elete Start → Str	op v		State Prepared	Concernant of	Type Resource Adapter	-		
Install an enterprise application Configure an enterprise application Update (redeploy) an enterprise application Start and stop a deployed enterprise application		Name 🊕	elete Start v Str	op ×			≪ок	Resource	Targets	Deployme	
Install an enterprise application Configure an enterprise application Update (redesploy) an enterprise application Start and stop a deployed enterprise application Monitor the modules of an enterprise application		Name 🌣	elete Start ~ St	op ~		Prepared	🖋 ок	Resource Adapter Enterprise	Targets SOAServer	Deployme	
Instal an enterprise application Configure an enterprise application Update (redeploy) an enterprise application Start and stop a deployed enterprise application Monitor the modules of an enterprise application Deploy E38 modules		Name AqAdapter		op ~		Prepared Prepared	🖋 ок	Resource Adapter Enterprise Application Enterprise	Targets SOAServer SOAServer	Deployme 324 313	
Instal en enterprise application Configure an enterprise application Update (redesploy) an enterprise application Start and stop a deployed enterprise application Deploy E28 modules Instal a Web application ystem Status		Name A AqAdapter E Eb2bu E BamComposer		00 ~		Prepared Prepared New	🖋 ок	Resource Adapter Enterprise Application Enterprise Application Enterprise	Targets SOAServer SOAServer BAMServer	Deployme 324 313 500	
Instal an enterprise application Configure an enterprise application Update (redeploy) an enterprise application Stort and stop a deployed enterprise application Monitor the modules of an enterprise application Deploy EB modules Install a Web application ystem Status ealth of Running Servers		Name A AqAdapter E Eb2bu E BamComposer		ob ~		Prepared Prepared New New	🖋 ок	Resource Adapter Enterprise Application Enterprise Application Enterprise Application Enterprise	Targets SOAServer SOAServer BAMServer BAMServer	Deployme 324 313 500 300	
Install an enterprise application Configure an enterprise application Update (redeploy) an enterprise application Stort and stop a deployed enterprise application Deploy E38 modules Install a Web application Update fRunning Servers Faled (0) Critica (0)		Name Addapter		00 ×		Prepared Prepared New New New	 ✓ ок ✓ ок 	Resource Adapter Enterprise Application Enterprise Application Enterprise Application Enterprise Enterprise	Targets SOAServer SOAServer BAMServer BAMServer BAMServer	Deployme 324 313 500 300 400	
Instal an enterprise application Configure an enterprise application Update (redeploy) an enterprise application Update (redeploy) an enterprise application Start and stop a deployed enterprise application Deploy EB modules Instal a Web application ystem Status Failed (0) Critical (0) Overloaded (0) Warning (0)		Name & AqAdapter (3)b2xul (3)b2xul (3)BamComposer (4)BamComposer (5)BamServer (5)BamServer (6)BPMComposer	ction rar	ob ~		Prepared Prepared New New New Active	 ✓ ок ✓ ок ✓ ок 	Resource Adapter Enterprise Application Enterprise Application Enterprise Application Enterprise Application Resource	Targets SOAServer SOAServer BAMServer BAMServer BAMServer SOAServer Admiserver, BAMServer,	Deployme 324 313 500 300 400 385	
Iristal an enterprise application Configure an enterprise application Update (redeploy) an enterprise application Update (redeploy) an enterprise application Start and stop a deployed enterprise application Pointor the modules of an enterprise application Update (0) Overloaded (0)		Name & AqAdapter B Tababul B TabanComposer B TabanCoservice B TabanServer B TabanServer B TabanServer B TabanServer B TabanServer	ction rar	99 9 ×		Prepared Prepared New New New Active	 ✓ ок ✓ ок ✓ ок 	Resource Adapter Enterprise Application Enterprise Application Enterprise Application Enterprise Application Enterprise Application Resource Resource	Targets SOAServer SOAServer BAMServer BAMServer BAMServer SOAServer Admiserver, BAMServer,	Deployme 324 313 500 300 400 385 100	
Instal an enterprise application Configure an enterprise application Update (redeploy) an enterprise application Update (redeploy) an enterprise application Start and stop a deployed enterprise application Deploy EB modules Instal a Web application ystem Status Failed (0) Critical (0) Overloaded (0) Warning (0)		Name & AqAdapter B Tab2oul B TaBamComposer B TaBamCogService D TaBamCeyservice B TaBamCeyservice B TaBamCeyservice Coherence-transa @ Coherence-transa @ Coherence-transa	cton-rar r	9 99 ¥		Prepared Prepared New New New Active Installed	 ✓ ОК ✓ ОК ✓ ОК ✓ ОК 	Resource Adapter Enterprise Application Enterprise Application Enterprise Application Enterprise Application Enterprise Application Resource Adapter Resource	Targets SOAServer SOAServer BAMServer BAMServer SOAServer SOAServer, BAMServer,	Deployme 324 313 500 300 400 385 100 331	

Figure 1-78 Summary of Deployments - Messages

15. Restart the BAM Composer application in the console.

The Summary of Deployments - Restart BAM Composer screen displays.

ORACLE WebLogic Server A		e Log Out Preferences 🐼 Record Help				Welcome admin	onnected to: AlphaDom
Change Center			<u> </u>				onnected to: Alphabol
View changes and restarts		BamComposer > Summary of Deployments > BamComposer ments >/bam/composer > Summary of Deployments	>Summary of Deployments >BamComposer >Summar	ry of Deploym	ents >Summary of	Servers >Summary of	
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Message Sele	es ected Deployments have been requested to stop.					
Domain Structure	Summa	ry of Deployments					
bhaDonain	This p (rede;	Monitoring age displays a list of Java EE applications and stand-alor loyed), or deleted from the doman by first selecting the tail a new application or module for deployment to targe	application name and using the controls on this pay		istalled application	s and modules can be starte	d, stopped, updated
Deployments Services Security Realms Interoperability Clannostics		omize this table yments al Update Delete Start op v				Showing 1 to 48	of 48 Previous Nex
tow do L	0	Name 🗟 Servicing all equests	State	Health	Туре	Targets	Deployment Order
Install an enterprise application Configure an enterprise application		Servicing only administrat	Prepared	≪ок	Resource Adapter	SOAServer	324
Update (redeploy) an enterprise application Start and stop a deployed enterprise	8	Tab2bui	Prepared	🖋 ок	Enterprise Application	SOAServer	313
application Monitor the modules of an enterprise application		E BamComposer	Prepared	🖋 ОК	Enterprise Application	BAMServer	500
Deploy E38 modules Install a Web application	B	BamCQService	Active	🖋 ок	Enterprise Application	BAMServer	300
		BamServer	Active	🖋 ОК	Enterprise Application	BAMServer	400
ystem Status 🖂		BPMComposer	Active	🖋 ОК	Enterprise Application	SOAServer	385
Failed (0) Critical (0)		coherence-transaction+ar	Active	🖋 ОК	Resource Adapter	AdminServer, BAMServer, SOAServer	100
Overloaded (0)		CoherenceAdapter	Installed		Resource Adapter		331
Warning (1) OK (2)	83	B DbAdapter	Active	🖋 ок	Resource Adapter	SOAServer	322
	23		Active	🖋 ок	Enterprise Application	SOAServer	314
	5	DMS Application (12.1.3.0.0)	Active	🖋 ОК	Web Application	AdminServer, BAMServer, SOAServer	5
		E ENELCMARONUE (12.1.0.0.0)	Active	4	Enterprise	SOAServer	600

Figure 1-79 Summary of Deployments - Restart BAM Composer

- **16.** Log in to Enterprise Manager console http://hostname:port/em.
- Right click the BAM Server, and click Security and then click Application Roles.
 The BAM Server Application Roles screen displays.

Figure 1-80 BAM Server - Application Roles

📲 WebLogic Domain 👻							
Target Navigation		👚 BamServer 🔞		Logged	Logged in as weblogic 🗐 ofss2221222.in.oracle.		
View 🕶		Business Activity Monitoring 🕶		Page Ref	reshed Jul 23, 2015 11:17:31 AM IST		
Application Deployments SoA SoA WebLogic Doman WebLogic Doman WebLogic Doman WebLogic Coman Webscherwer (Dam gee Metadsta Repositiones Wetadsta Repositiones User Messaging Service	Ver1) Home Monitoring Control Logs Security A	plobal policy store when the app application. Policy Store Provider Scope WebLo Provider LDAP Location jdbc/O uplication Policies	ications are registered. These n the WebLogic Domain, use gic Domain ossDataSource name to query roles defined b	are also application roles that are created	nese roles are seeded by applications in sin if in the context of end users accessing th vidar.		
			Create Like 🦉 Edit	-	Detac		
		Role Name	Display Name	Description			
		No application roles found.					

18. On the **Application Roles** screen, click the **Create** button to create application role with **ALL ROLES-000** name.

The Create Application Role screen displays.

Figure 1-81 Create Application Role

📲 WebLogic Domain 👻		
Target Navigation	The BamServer (1)	Logged in as weblogic 🗐 ofss2221222.in.oracle.co
View 🕶	Business Activity Monitoring 🕶	Page Refreshed Jul 23, 2015 11:20:30 AM IST 🕻
Deployments Deploymen	Create Application Role General Application BarnServer Stripe * Role Hame ALIROLES-000 Display Hame ALIROLES-000 Description	OK Cance
	An application role may need to be mapped to users or group roles. View - Add & Delete Dopby Name No groups or app Add roles } added.	Type

- 19. Click the ADD button under the Members section.
- 20. Select the Group from the Type drop-down list and add principle details.
- **21.** Log in to BAM Composer http://hostname:port/bam/composer.
- 22. Click Administrator.

The Oracle BAM Composer - Administrator screen displays.

Figure 1-82 Oracle BAM Composer - Administrator

DRACLE BAM Composer	Home Administrator Designer	Preferences Help + weblogic + C
Constant of the state of t		
TestObject2 TestObjectTestObject Ktask_Different_Stages		

23. Under Data Objects, Right click CUBE_INSTANCE and select Security.

The BAM Composer - Navigate to Security screen displays.

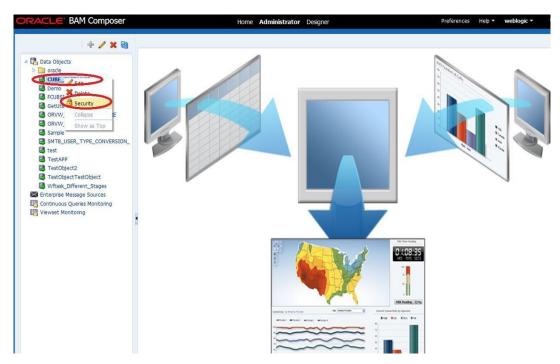


Figure 1-83 BAM Composer - Navigate to Security

24. Click the Add button under Grant permission and search the list based on the Application Role.

The **Security** screen displays.

Figure 1-84	Security
-------------	----------

RACLE BAM Composer	Home Administrator Designer Preferences	Help • weblogic •
+ / × @	GetUtilsDB (Security) $_{\times}$	3
	Full Name /dataobject/GetUtikD8 Owner Type USER Owner Name webbgic	(1) Ry Sa
ORVW_FACILITY_EXPOSURE	1. Grant permission Add Application Roles, Groups and Users	×
ORVW_TRACK_EXPOSURE ORVW_TRACK_EXPOSURE Sample Sam	Vew	
	2. Deny Permission OK Cancel	
	View - 💠 🗶 🔄 Detach Role Name Read Write No data to display	



25. Move the ALLROLES-000 to the Selected Members column.

The Security - Add Application Roles, Groups and Users screen displays.

Figure 1-85 Security - Add Application Roles, Groups and Users

ORACLE BAM Composer	Home Administrator Designer Preferences	Help 🔻	weblog	igic + 🔾
+ / × @	GetUtilsDB (Security) ×			2 🖬 -
	Full Name /dataobject/GetUtikD8 Owner Type USER Owner Name weblogic	١	69	Save
ORVW_FACILITY_EXPOSURE ORVW_TRACK_EXPOSURE Simple Simple Simple TestObject_Pactore TestObject_Pactore Continuous Queries Monitoring Viewset Monitoring	1. Grant permission Add Application Roles, Groups and Users View * * Role Name Read Wite * BAMArchtect Ø Search Available Members Search Auralable Members BAMContent/Viewer Ø BMCOntent/Viewer Ø		×	
	2. Deny Permission OK Cancel View * ** ** Detach Role Name Read Write			

26. Select Read, Select, and Update checkboxes and click the Save button.

The Add Application Roles, Groups and Users - ALLROLES-000 screen displays.

+ / 🗙 🖨	GetUtilsDB (Security) ×							21
Cata Objects Control Contro Control Control Control Control	Full Name /datac Owner Type USER Owner Name weblo	bject/GetUtilsE gic	8					() () (Sw
CRVW_FACILITY_EXPOSURE	1. Grant permission							
Sample	View - 💠 💥	Detach	_			_		
SMTB_USER_TYPE_CONVERSION_	Kole Name	Read	Write	Remove	Select	Delete	Update	Security
🗟 test	BR ALLROLES-000	V				٦	V	
TestAPP		1			[F2]		U.	1
TestObject2	BAMContentCreator	1	(f)	10		10	9	E1
TestObjectTestObject Wrtask_Different_Stages	BAMContentViewer			<u></u>		<u>10</u>	1	11
Enterprise Message Sources Continuous Queries Monitoring Viewset Monitoring								
	2. Deny Permission							
	View 🔻 🍦 💥	detach 🖸						
	Role Name	Read	Write	Remove	Select	Delete	Update	Security
	No data to display							

- 27. Follow the steps 21 to 27 for other Data objects as listed below:
 - cube_instance
 - wftask_different_stages
 - ORVW_TRACK_EXPOSURE
 - ORVW_FACILITY_EXPOSURE
 - GetUtilsDB
 - SMTB_USER_TYPE_CONVERSION_VIEW
 - FCUBSDATAOBJECTS
- 28. On the Oracle BAM Composer, click the Designer.

The Oracle BAM Composer Designer screen displays.

CUBS_BAM_Report		
Data Objects Modelete Busness Queries G Security Busness Views Modelete Busness Views Modelete Dashboards Alerts Marrameters Modelete	Dashboard or Al	Model Data
	What do you want to	create?
	Dashboards and Alerts	
E	Dashboards are composed of one or more or Create one	views
	Alerts are notifications based on KPIs, Querie Create one	s, or Pattern Matches

Figure 1-87 Oracle BAM Composer Designer

29. Click Open Project.

The **Open Project** pop-up window displays.



ORACLE BAM Composer	Home Administrator Designer	Preferences Help * weblogic *
FCUBS_BAM_Report → Data Objects → → → → → → → → → →	Open Project × Select the project to open × Das FCUBS BAM Report Process Analytics • TestApp_2204 •	Model Data b Data

Figure 1-88 Designer - Open Project

- 30. On the Open Project pop-up window, click FCUBS_BAM_Report.
- **31.** On the **Designer** screen, right click **FCUBS_BAM_Report** and select **Security**. The **FCUBS_BAM_Report Security** screen displays.

Figure 1-89	FCUBS_BAM_Report - Security	
-------------	-----------------------------	--



32. On the FCUBS_BAM_Report (Security) screen, click the ADD icon under Grant Permission.

The FCUBS_BAM_Report (Security) screen displays.

Figure 1-90 FCUBS_BAM_Report (Security)

CUBS_BAM_Report 💌	FCUBS_BAM_Repor	t (Security) $_{\times}$						21
	B Security					()	62	Save
Data Objects								
Business Queries		roject/FCUBS_BA№ iER	1_Report					
KPIs Business Views		eblogic						
Business views	office Hunder We	spiogic						
Alerts								
Parameters	1. Grant permissio							
	View -							
	Role Name Add BAMContenecre	Application Roles	Groups and Users	Remove V	Security			
	BAMContentView		(**)					
	2. Deny Permissio							
	View 👻 💠 🎽	Detach						
			Write	Remove	Security			

33. Search the list based on the **Application Roles** and select the **ALLROLES-000**.

The Add Application Roles, Groups and Users - ALLROLES-000 pop-up window displays.

Figure 1-91 Add Application Roles, Groups and Users - ALLROLES-000

ORACLE BAM Composer	Home Administrator Designer	Preferences Help - weblogic -						
CUBS_BAM_Report Compared to the second seco	FCUBS_BAM_Report (Security) ×							
	Security Ful Name /project/FCUBS_BAM_Report Owner Type USER Owner Name weblogic	(i) (ii) Save						
Dashboards Alerts		-						
Parameters	Grant permission Add Application Roles, Groups and Users ×							
	Application Role Search Search Marchitect BBMArchitect ALEOLES-000 C C Cancel Selected Hembers Selected Hembers							



34. Move the ALLROLES-000 to Selected Members column and click the OK button.

The Add Application Roles, Groups and Users - ALLROLES-000 - Selected Members pop-up window displays.

Figure 1-92 Add Application Roles, Groups and Users - ALLROLES-000 - Selected Members

ORACLE BAM Composer		Hon	ne Admi	nistrator Designer	Preferences	Help 🔻	weblogic - C
4 / × @	GetUtilsDB (Security) >						() ⊠ ▼
Contraction Contracti	Full Name /data Owner Type USER Owner Name weblo	١	ରୁଲ୍ଲ Save				
ORVW_FACILITY_EXPOSURE	1. Grant permission			Add Application Roles, Groups and U	Isers		×
ORVW_TRACK_EXPOSURE Sample	View 🕶 🌳 💥	Detach					
SATIBUSER_TYPE_CONVERSION_	Role Name	Read	Write	Name			1 million (1997)
a test	88 BAMArchitect		V	List Application Role			
TestAPP	BAMContentCreator			Search Available Members	Selected Members		
TestObject2	BAMContentViewer			BPMContentViewer	ALLROLES-000		
 TextObjectTextObject Witask_Different_Stages Enterprise Message Sources Continuous Queries Monitoring Viewset Monitoring 					> >> <		
	2. Deny Permission			OK Cancel	**		
	View 🔻 💠 💥	Detach					
	Role Name No data to display	Read	Write				

35. Select the Read checkbox for ALLROLES-000 and click the Save button.

The FCUBS_BAM_Report (Security) - ALLROLES-000 screen displays.



DRACLE' BAM Composer		Home	Administrator D	esigner		Preferences	Help 🔻	weblo	gic 🔻
CUBS_BAM_Report 🔳	FCUBS_BAM_Rep	ort (Security) ×							2
Constant Constan	Owner Type	/project/FCUBS_BAI USER weblogic	M_Report				١	69	Save
Alerts	1. Grant permis	sion							
Paralineters	View 🕶 💠	🗙 🛃 Detach							
	Kole Name	Read	Write	Remove	Security				
	NU POLES-00								
	BAMContent		7	V					
	👯 BAMContent	/lewer 😢	23						
	2. Deny Permis	sion							
	View 🕶 💠	🗙 🛃 Detach							
	Role Name	Read	Write	Remove	Security				
	No data to display								

Figure 1-93 FCUBS_BAM_Report (Security) - ALLROLES-000

1.2.9 Configure IPM to Edit Document

This topic explains to edit the document using the IPM configuration.

If you want to configure BPEL with IPM configuration, perform the following steps.

- 1. Login to the console, http/s:<hostname>:<port>/console with admin user.
- To add the FCJCustomProvider, Refer to the Configure Custom Authentication Provider topic.
- 3. Navigate to Security Realms, click myrealm, and click Users and Groups tab.

Check if the users from the schema are displayed in the **Users** tab, and roles from the schema are displayed under the **Groups** tab.

- 4. After adding the custom authenticator, perform the following actions:
 - a. Navigate to Security Realms, click myrealm, click Users and Groups and click the Groups tab.

The Settings for myrealm screen displays.

Change Center		Home Log	Out Preferences 🔤 R	Record Help	Q			Welcome, weblogic	Connected to: IPM_don
View changes and restarts		Home							
Configuration editing is enabled. Future changes will automatically be activated as modify, add or delete items in this domain.	you	Settings for m	yrealm Users and Groups	Roles and Policies	Credential Mappings	Providers	Marshan		
Domain Structure		Users Grou		Notes and Policies	Credenda Happinga	Providers	(high bloom		
IPM domain			462						
Environment Deployments Security Realms Transperability Diagnostics		This page disp Customize Groups	plays information about	each group that has b	een configured in this :	ecurity realm			
		New							10 of 568 Previous Nex
		Name	~	Description				Prov	rider
		AC-BAT	СН	Accounting Batch Ope	erations			Fcubs	5
	_	AC-REP	ORTS	Accounting Reports				Foubs	5
How do I		AC-RPT		Accounting Reports				Fcubs	\$
 Manage users and groups 		ADMIN		Admin				Fcubs	5
Create groups		AdminCl	hannelUsers	AdminChannelUsers o	an access the admin ch	annel.		Defau	ultAuthenticator
Modify groups		Administ	trators	Administrators can vie	ew and modify all resou	rce attributes	and start and stop servers.	Defau	ultAuthenticator
Delete groups		ADMINE	ROLE	Admin Role				Fcubs	5
		AE-MAII	NT-IN	AEOD Maitenance				Fcubs	5
System Status		AEOD-R	PT	AEOD Reports				Fouls	5
Health of Running Servers		AEOD-S	тв	Accounting Reports				Fcubs	5
Failed (0) Critical (0) Overloaded (0) Warning (0) OK (3)		New	ete					Showing 1 to	10 of 568 Previous Nex

Figure 1-94 Setting for myrealm

b. Click the **New** button.

The Create a New Group screen displays.

Figure 1-95 Create a New Group

Change Center	😰 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: IPM_domai
View changes and restarts	Home	
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Oreate a New Group OK Gancel	
Domain Structure	Group Properties	
IPM_domain Brownonment Deployments Brownices	Group Properties The following properties will be used to identify your new Group. * Indicates required fields	
Security Realms	What would you like to name your new Group? *Name: IPMUserGroup	
	How would you like to describe the new Group? Description: User group for IPM	
How do L	Please choose a provider for the group. Provider: DefaultAuthenticator	
Modify groups Delete groups Create users	DK Cancel	
Manage users and groups		
System Status		
Health of Running Servers		
Faled (0) Oritical (0) Overloaded (0) Warning (0) OK (3)		

- 5. On the **Create a New Group** screen, specify the following details.
 - a. Specify the name as **IPMUserGroup**.
 - b. Specify the **Description** for the new group (optional).
 - c. Select the **Provider** as **DefaultAuthenticator**.
 - d. Click the OK button.
- 6. Login to the Imaging using the following URL http/s:<hostname>:<port>/imaging with admin user.



The Oracle Webcenter Content:Imaging log in screen displays.

- Copyright 2, 2012, 2012 and an an affilies. A high transmit
- Figure 1-96 Oracle Webcenter Content:Imaging

7. Specify User ID and Password and click Sign in.

The FLEXCUBE: Application Summary screen displays.

Figure 1-97 FLEXCUBE: Application Summary

ORACLE WebCenter C	Internet: Imaging Lappedin as weldings: http://doi.org/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/	
Searches		-
ves"to	FLEXCUBE: Application Summary	Delete 🗶 C
	#General Properties	
	Application 5d 3	
P Tools	Application line PL2COBE	
A Manage Searches	Description	
t Manage Applications	Report Local 9 Rul Fick Optime Name	
DCUSE	The second	
	∃ Field Definitions	
	Type Name Length Scale Required Indexed Default Value Pridint	
	Moc Frield Name 1 80 V	
	Explication Security	
	■Appication security	
	Type Security Member View Hodify Delete Acces	
	g weblogic v v v	_
	Bocument Security	
	Type Security Nember View Write Delete Over Lock.dtmm Annualet Annualet Annualet Annualet	
	n nge jeduar needen vere mit beere Access LooAan Tandrad Restored Hédee	_
	S Mydsettoop	
	isStorage Policy Document Storage	
	Volume File default	
	Supporting Context Storage	
	Supporting Content Storage Volume File Selval	
	E Workflow Configuration	
	Worldfox configuration has not been defined.	
	votestatev constantation nas not seen demote.	
	Application History	
	Date Type UserName	_
	7/21/2015 5:19:4 Definition Create webload:	
	7/22/2015-6-R21.1. Definition Modify weblique	
😨 Manage Inputs		
Manage Connections		
Manage Security		
- manife occurity		_

- 8. Navigate to Manage Applications on the left pane.
- 9. Click FLEXCUBE.
- **10.** Click the **Modify** button on the right pane.

The Create Application Document Security screen displays.



	nt: Imaging Loged In as wellogic. Help. Refresh. Professions. Logical. Als	
searches 9_10	General Progetties: Paid Definitions: Applications: Security angle Palay: Visiother Configuration: Network Sections: Create Application: Document Security	Cancel Back Next Sub
	Provide security rights for the application's context. Select "list" when you have finished with document security. Rote: The Sand Access' security right automatically confers "Note" and Defete' occurity rights in the repository.	
P Tools	Top Security Nember View Write Delete Grant Luck Admin Ametate Annotate Annotate	
4, Manage Searches	There (source) feeder Write Defecte Write Defecte Additional Additional Statistication Additional Additional Additional Additional Additional Statistication Y Y Y Y Y	
	Add Security Hember B In the problem to search for early nearly n	
Manage Applications	for exercises, and the NYU to that exercise manues beginning with W and end exercises of the design within its marker and second the second se	
	Tani Sach Mehr	
	Add Canad	
7 Manage Inputs		
Manage Inputs		

Figure 1-98 Create Application Document Security

- 11. On the Create Application Document Security screen, perform the following steps:
 - a. Click Document Security tab.
 - **b.** Click the **Add** button.

The Add Security Member pop-up window displays.

- c. Click the Search button in the Add Security Member pop-up window.
- d. Select the IPMUserGroup.
- e. Click Add.

IPMUserGroup is listed in the panel.

- f. Select View, Write, Annotate Standard, Annotate Restricted and Annotate Hidden checkboxes.
- g. Click Submit.

The USER_ID:Search Summary screen displays.



ORACLE WebCenter	ontent: Imagi	ng						Logged in as	weblogic Help R	efresh Preferen	ces Logout About
Searches	USER_	ID: Search Summary								/ Ma	odify 🗙 Delete 🖹
⊡ 🖉 Tools ⊇ 🗣 Manage Searches USBR_D	<u> </u>	erties Search Name USER_ID Description Instructions m Search Results 0 ilts Formatting									
	Source	oplication DOCID			cument Create	d Docume	ot Batch Id	Document Id			
	FLEXCUS		Date Decument (By Trantia Dr	' icument Create						
	= Para Paramet	Field Operation Operatio Operation Operation Operation Operation Operation Operation O			- Document Cre		icklist	Required	Read Only) Conju	inction
		nt Created Document Created		ext De	iduit value		TUNIST	Required	Redu Only		
	⊡Secu	rity	_								
		Security Member	View	Modify	Delete	Grant Access					
		Administrators IPMUserGroup	*	~	~	~					
	⊟Audi	t History									
	Date	Туре	User Name								
	7/2/201		ARU1 weblogic								
	7/4/201	Definition Modify Definition Modify	weblogic								
Manage Applications	7/4/201	Definition Modify	weblogic								
🗉 🕎 Manage Inputs	7/4/201		weblogic weblogic								
Manage Connections	7/4/201		weblogic								
Manage Security											

Figure 1-99 USER_ID:Search Summary

- 12. On the USER_ID: Search Summary screen, perform the following steps:
 - a. Navigate to Manage Searches.
 - **b.** Select the available search (ex: USER_ID in this doc).
 - c. Click the Modify button.

The USER_ID:Search Security screen displays.

Figure 1-100 USER_ID:Search Security

ORACLE WebCenter Cont	ent: Imaging	
u (b) Searches 1979_D 11 // Jock	B B B B B B B B Properties Read Provide and Text Rows Settings Distance	street dark treat Tories
Ur (f., Harage Soardies	A decession A decession Material and a decession of the section	
Im Hanage Applications Im Planage Inputs Im Planage Connections Im Planage Security		

- 13. On the USER_ID:Search Security screen, perform the following steps:
 - a. Click the Security tab.



b. Click the Add button.

The Add Security Member pop-up window displays.

- c. Click the Search button in the Add Security Member pop-up window.
- d. Select the IPMUserGroup.
- e. Click Add button.

The **IPMUserGroup** will be listed in the panel; don't select any checkbox except the default **View** checkbox.

- f. Click the Submit button on the right corner.
- 14. Copy the FCJJPSProvider.jar to location <ORACLE_HOME >\user_projects\domains\<domian name>\lib .
- 15. Go to the location <ORACLE_HOME>\
 user projects\domains\<Domain created>\config\fmwconfig.
 - a. Open **jps-config.xml** file and search <serviceProviders> tag and add the following code between <serviceProviders> and </serviceProviders> tags.

```
<serviceProvider
class="oracle.security.jps.internal.idstore.generic.GenericIdentityStore
Provider"
name="custom.generic.provider" type="IDENTITY_STORE">
<description>DB IdentityStore Provider</description>
</serviceProvider>
```

b. Similarly, search for <serviceInstances> tag and add the following code between <serviceInstances> and </serviceInstances> tags.

```
<serviceInstance location="dumb" name="idstore.custom"
provider="custom.generic.provider">
    <description>Custom Identity Store Service Instance</description>
    <property name="idstore.type" value="CUSTOM"/>
    <property name="ADF_IM_FACTORY_CLASS"
value="com.ofss.fcc.bpel.security.idm.providers.stddb.FCIdentityStoreFac
tory"/>
    <property name="DATASOURCE_NAME" value="jdbc/fcjdevDS"/>
    <property name="INTERNAL_CONTEXT_REQUIRED" value="true"/>
    <property name="INTERNAL_CONTEXT_NAME" value="internalstore"/>
    </serviceInstance>
```

Make sure that the JNDI (jdbc/fcjdevDS) matches the value given during property file creation.

c. Search for <jpsContexts default="default"> tag and add the following code between <jpsContexts default="default"> and </jpsContexts>, preferably after the default jpsContext.

```
<jpsContext name="internalstore">
  <serviceInstanceRef ref="credstore"/>
  <serviceInstanceRef ref="keystore"/>
  <serviceInstanceRef ref="policystore.xml"/>
  <serviceInstanceRef ref="audit"/>
  </jpsContext>
```



1.2.10 Configure Supervisor Roles in EM

This topic explains to configure supervisor roles in the Oracle Enterprise Manager.

1. Right click **soa-infra** and select **Security** and click **Application Roles**.

The Target Navigation of Application Roles screen displays.

Figure 1-101 Target Navigation of Application Roles

RACLE Enterprise	Manager Fusi	n Middleware Control 12c	👫 WebLogic Domain 🔻 🛛 weblogic 🔻 🔹
rget Navigation			Mar 21, 2016 12:30:59 PM IST
w v			
Home		 Is that are specific to the application. These roles are seede assing the application. 	d by applications in single global policy store when the applications are registered. These are also
Monitoring	Þ	he Oracle WebLogic Server Security Provider.	
Logs	Þ		
SOA Deployment Manage Partitions Work Manager Groups Resequencing Groups	Þ	application. Use application stripe to search if application u b Delete	ses a stripe that is different from application name.
Service Engines Bindings Services and Reference	▶ .0] ▶ SS [1.0] S	Description	
Business Events	_		
SOA Administration	•		
Security	Applic	tion Policies	
Administration	Applie	tion Roles	
Target Sitemap Target Information			
CRDCProcess [CreateCorporate CreateCorporate CreateCorporate CreateCorporate CredtBurley[10] EDUIlity[10] EDUIlity[20]	Customer [2.0] Customer [3.0] Customer [3.1]		

2. Search the Application Roles with the **Starts With** option.

The Application Roles screen displays.



	CLE [®] Ente	rprise Manag	er Fusion Middl	eware Control 12	iii wa	ebLogic Domain 🔻	weblogic 🔻	
E 1	soa-infra () SOA Infrastructure	Ŧ				Mar 21, 20	16 12:30:59 PM I	
pplica	tion Roles							
					the application. These roles are seeded by applications in single global policy store when the app	lications are registere	d. These are al	
	roles that are create de users and droup:				Server Security Provider.			
	Store Provider							
Search								
nter searc	n Keyword for role na	ame to query role	s defined by this	application. Use a	lication stripe to search if application uses a stripe that is different from application name.			
	Role Nan	ne Starts With	-					
View w	🕍 Create	🐮 Create Like	e 🖋 Edit	X Delete	arch application roles	E ,	Detach	
Role			Display Name		Description			
default_Composer Composer for the Default Partition			A composer is responsible for making changes to composite artifacts, such as business rule					
default_Deployer Composite Deployer for the Default P				18 17 18 18				
	t_Tester		fester for the Defa		A tester performs integrated black box testing on preproduction systems. A system tester typically runs tests using a combination			
	t_ApplicationOperate			tor for the Default				
	t_Monitor		Ionitor for the Def		A default partition monitor is responsible for ensuring the successful operations of the deployed applications on the default partition			
	wareOperator		SOA MiddleWare (A middleware operator is responsible for ensuring operational continuity. A middleware opera			
Middle	wareAdministrator	S	SOA Middleware A	Administrator	A middleware administrator is responsible for ensuring the continuous availability of the midd	leware servers, but is	not always res	
SOAAd	imin	s	SOA Admin Role		SOA application admin role, has full privilege for performing any operations including security	related		
SOAO			SOA operator Role		SOA application operator, for common operational tasks like start, stop, monitor, backups			
SOAM			SOA Monitor Role		SOA application monitor role, has read-only privileges for monitoring			
	ıditAdmin		SOA Audit Admin F		SOA audit administrator role, can perform audit configuratoin and administration			
	ıditViewer		SOA Audit Viewer		A audit viewer role, can view audit records			
BPMW	orkflowAdmin	E	JPM Workflow Sys	stem Admin Role	BPM Workflow Administrator Application Role	PM Workflow Administrator Application Role		
	orkflowCustomize		BPM Workflow Cu		BPM Workflow Customize Application Role			
					BPM Activity Guide Administrator Application Role			
				Admin role	BPM Organization Administrator Application Role			
врио			SOA Designer		SOA Designer			

Figure 1-102 SOA Infra - Application Roles

- 3. Select **SOA Admin** role and click the **Edit** option.
- 4. On the Edit Application Roles : SOAAdmin screen, click the ADD button.

The Add Principal pop-up window displays.

dit Application F	ole : SOAAdmin					OK Cance
tole (or Enterprise Role) is		at the enterprise level an	d typically used to assign a p	privilege or permission. A role can also cor	ntain other roles as members.	
ieneral						
Application Stripe so						
Role Name SC	Add Principal					
Display Name SC	Specify criteria to search an Search	d select the application re	oles that you want to grant pe	rmissions to.		
Description SC	a search					
pe re		Туре	Group			
		Principal Name	Starts With 💌			
lembers		Display Name	Starts With	•		
n application role may nee View 💌 🕂 Add	Searched Principals					
Name	View v 💮 Detach					pe
Administrators	Principal	Display Name	Description			oup
Non-Marine State	No search conducted	Display Hame	Description			
Charles and the Store						
	Advanced Option					
		al name here instead of s	searching from above. This o	option can be used for advanced scenarios	related to custom authenticators.	
					OK Cancel	
					ok cancer	

Figure 1-103 Add Principal

- 5. Select the **Group** from the **Type** drop-down.
- 6. Specify the **Principal Name** as (EX: ALLROLES-000) Param_val, which is mapped to the OR_ADMINROLE in the cstb_param table and search the role.

The list of application roles is displayed based on the criteria specified.

Figure 1-104 Add Principal - ALLROLES-000

Application Stripe Search and select the application roles that you want to grant permissions to. Add Principal Beach B	Edit Application F Role (or Enterprise Role) is General		at the enterprise level and typic	ally used to assign a privile	ge or permission. A role can also contain ot	her roles as members.	OK Can
Role kamo Specify offetia to search and select the application roles that you want to grant permissions to. Description Search Description Search An application role may new Display Name View × Description Administrators Display Name View × Description Attracted-one Principal Name Description Attracted-one	Application Stripe	oa-infra					
bicetary Ham is bicetary Ham is bicet	Role Name St	Add Principal					
Name Searched Principal Display Name Description Administrators View * in Desche Description oup Administrators Principal Display Name Description			d select the application roles th	at you want to grant permis:	sions to:		
Searched Principals Display Name Starts Vith Search roles Name View * Conception Display Name Description Administrators Principal Display Name Description ALLCOLES-000 ALLCOLES-000 ALLCOLES-000 ALLCOLES-000			Type Group	P •			
n application role may nee View + Add Name Administrators Name Administrators Name Administrators Name ALLROLES-000 AL			Principal Name Starts	With ALLROLES-000			
Principal Searched Principals Search roles Name View + Add Detach pp Administrators Principal Display Name Description coup AdLicoLES-000 ALLICOLES-000 ALLICOLES-000 ALLICOLES-000 ALLICOLES-000			Display Name Starts	s With			
Name View * Detach rpe Administrators Principal Display Name Description roup ALLROLES-000 ALLROLES-000 ALLROLES-000 Recent Principal Recent Principal		NAMES AND A DOMESTIC AND A DOMESTIC					
ALLCOLES-000 ALLCOLES-000	Name	View - 🔤 Detach					/pe
	Administrators	Principal	Display Name	Description			roup
A Advanced Option		ALLROLES-000		ALLROLES-000			
Advanced Option							
		Advanced Option					and the second se
Check to enter principal name here instead of searching from above. This option can be used for advanced scenarios related to custom authenticators.		Check to enter princip:	al name here instead of search	ing from above. This option	can be used for advanced scenarios relate	d to custom authenticators.	
OK Cancel						ок	Cancel

7. Click the **OK** button.



1.2.11 Configure Email Driver

This topics explains the steps to configure the Email Driver.

To configure the Email Driver in BPEL, follow the steps below:

- **1.** Log in to EM console.
- 2. Navigate to User Messaging Service folder.

The User Messaging Service target navigation folder displays.

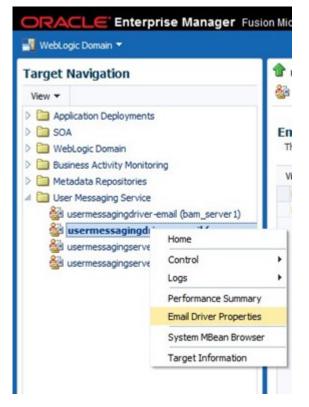


Figure 1-105 User Messaging Service

- 3. Right click usermessagingdriver-email (soa_server1).
- 4. Click Email Driver Properties.

The usermessagingdriver-email screen displays.



Target Navigation	tusermessagingdriv					ofss2221222.in.orade.com
View 🔻	User Messaging Email Drive	er 🔻			Page Refreshed Jun 11, 2	2015 11:09:57 AM IST C
Application Deployments SoA WebLogic Domain Metadata Repositories Metadata Repositories				Supported Protocols Supported Carriers	SMTP	OK Cancel
	Configuration Level Supported Delivery Types	Cluster Name EMAIL SEND, RECEIVE	•	Sender Address Cost	Use Sender Addresses Use Default Sender Address EMAIL:xxx@xxx.xom	
	Supported Status Types	DELIVERY_TO_GATEWAY_SUCCE DELIVERY_TO_GATEWAY_FAILUR USER_REPLY_ACKNOWLEDGEMEN USER_REPLY_ACKNOWLEDGEMEN	RE, NT_SUCCESS,	.ii [Supports Cancel Supports Replace Supports Status Polling Supports Tracking	

Figure 1-106 usermessagingdriver-email

- 5. Specify the **Sender Address** and **Default Sender Address** (This ID will be used as sender address).
- 6. Specify the supported protocols (SMTP).
- 7. Select the mail access protocol (IMAP) as per the mail server specification.

The Driver-Specific Configuration screen displays.

Figure 1-107 Driver-Specific Configuration

Driver-Specific Configur	ation				
Name	Description	Mandatory	Encoded Credential	Value	
E-mail Receiving Protocol	E-mail receiving protocol. The possible values are IMAP and POP3.			IMAP	* E
Connection Retry Limit	This value specifies the number of times to retry connecting to the incoming mail server, if the connection is lost due to some reason. The default value is -1 which means no limit to the number of tries.			-1	11
Message Cleanup Frequen	The frequency to permanently remove deleted messages. The unit is in seconds and the default value is 600 seconds. A cy negative value indicates the messages should not be expunged. For the POP3 protocol, the message is expunged after it is processed.			600	
	Whether the driver should mark the messages deleted after they have been				-

- 8. Specify the **Receive** folder in the mailbox (INBOX).
- 9. Specify the Outgoing Mail Server hostname or IP.
- 10. Specify the Outgoing Mail Server Port.
- 11. Specify the Outgoing Default From Address.
- 12. Specify the Outgoing Username and Password if required.



Name	Description	Mandatory	Encoded Credential	Value	
Outgoing Mail Server	The name of the SMTP server. Mandatory only if e-mail sending is required.			xxxxx	
Outgoing Mail Server Port	Outgoing Mail Server Port			25	
Outgoing Mail Server Securi	The security used by SMTP server. it Possible values are None, TLS and SSL. Default value is None.			None	
Default From Address	Deprecated. Use Default Sender Address instead. The default FROM address (if one is not provided in the outgoing message).			xxx@xxx.com	
Outgoing Username	The username used for SMTP authentication. Required only if SMTP authentication is supported by the SMTP server.				
	The second used for CMTD				-

Figure 1-108 Driver-Specific Configuration

- **13.** Navigate to **SOA** folder.
- 14. Right click soa-infra (soa_server1) and select SOA Administration and then click Workflow Porperties.

The Workflow Notification Properties screen displays.

Figure 1-109 Workflow Notification Properties

📲 WebLogic Domain 🔻			
Target Navigatio	'n	會 soa-infra ⑧ 瑟 SOA Infrastructure マ	Logged in as weblogic 🗐 ofss2221222.in.orade.co Page Refreshed Jun 11, 2015 11:15:16 AM IST 🕻
Application Deplo A SOA		Mailer Task	
✓ 器 soa-infra / > <a>image default > WebLogic Don	Home Monitoring	③ Information All changes made in this page require a server restart to take effect.	
 Business Activ Metadata Rep User Messagir usermessa usermessa usermessa usermessa 	Logs SOA Deployment Manage Partitions Work Manager Groups Resequencing Groups	Workflow Notification Properties Before configuring the Workflow Notification, configure the Messaging Service Driver. Go to the Messaging Driver page * Notification Mode Email Notification Service Notification Service	
ign usermessa	Service Engines Bindings Services and References Business Events	* Email : From Address Xxx@xxx.com * Email : Actionable Address XXX@XXX.com * Email : Reply To Address XxXQ@xxx.com	
•	SOA Administration Security Administration Target Information	Common Properties cation Configuration Properties BPEL Properties BPNN Properties Mediator Properties	
		Workflow Properties B2B Server Properties Cross References Token Configurations Auto Purge	

- 15. Select Email/ALL from the Notification Modedrop-down list.
- 16. Specify the From Address, Actionable Address, and Reply To Address.

1.2.12 Configure TimeOut Settings for BPEL

This topic explains steps to configure TimeOut Settings for BPEL.

To configure TimeOut setting for BPEL, follow the below steps:

 Login into Console (http://hostname:port/console). The WebLogic Server Home page displays.



DRACLE WebLogic Server	Administration Console 12c		
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	٩	Welcome, admin Connected to: Alph
View changes and restarts	Home >AlphaDomain >Summary of Servers >AlphaDoma	in >Summary of Servers >Summary of Deployments >soa-infra >BPELE	ngine8ean
Configuration editing is enabled. Future	Home Page		
changes will automatically be activated as you modify, add or delete items in this domain.	- Information and Resources		
Domain Structure	Helpful Tools	General Information	
	Configure applications	 Common Administration Task Descriptions 	
Environment	Configure GridLink for RAC Data Source	 Read the documentation 	
Servers E Coherence Clusters E Machines Virtual Hosts	Configure a Dynamic Cluster	Ask a question on My Oracle Support	
	Recent Task Status		
	 Set your console preferences 		
	Oracle Enterprise Manager		
Startup and Shutdown Classes	- Domain Configurations		
Startup and Shutdown Classes			
-Services	Domain	Services	Interoperability
Security Realms	Domain	Messaging	WTC Servers
	*	 JMS Servers 	Jolt Connection Pools
How do I	Environment	 Store-and-Forward Agents 	
	Servers	 JMS Modules 	Diagnostics
 Search the configuration 	Clusters	Path Services	Log Files
Use the Change Center	 Server Templates 	 Bridges 	Diagnostic Modules
Record WLST Scripts	 Migratable Targets 	Data Sources	Built-in Diagnostic Modules
 Change Console preferences 	Coherence Clusters	Persistent Stores	Diagnostic Images
Manage Console extensions	Machines	XML Registries	Request Performance
Monitor servers	Virtual Hosts	XML Entity Caches	Archives
	Work Managers	Foreign JNDI Providers	Context
System Status	 Startup And Shutdown Classes 	Work Contexts	SNMP
Health of Running Servers		• jCOM	
	Your Deployed Resources	Mail Sessions	Charts and Graphs
Failed (0)	Deployments	• FileT3	Monitoring Dashboard
Critical (0)	- Septoynens	• <u>JTA</u>	
Overloaded (0)	Your Application & Security Settings	OSGi Frameworks	

Figure 1-110 WebLogic Server

2. Click Deployments.

The Summary of Deployments screen displays.

Figure 1-111	Summary of Dep	loyments
--------------	----------------	----------

er services Security Realms ⊐ Interoperability		Name 🏟	State	Health	Туре	Targets	Deployment Order
	0	Forade.wsm.console.core.view(1.0, 12. 1. 3.0)	Active		Library	AdminServer	311
ow do L		Coracle.wsm.seedpolicies(2.0, 12. 1. 3)	Active		Library	AdminServer, BAMServer, SOAServer	100
Install an enterprise application Configure an enterprise application		oracleAppsAdapter	Active	🖋 ОК	Resource Adapter	SOAServer	328
Update (redeploy) an enterprise application Start and stop a deployed enterprise application		Ø OracleBamAdapter	Installed		Resource Adapter		329
Application Monitor the modules of an enterprise application		E CoradeBPMBACServerApp	Active	🖋 ок	Enterprise Application	SOAServer	384
Deploy EJB modules Install a Web application		€ ConceleBPMComposerRolesApp	Active	🖋 ок	Enterprise Application	SOAServer	382
ystem Status		⊡OradeBPMProcessRolesApp	Active	🖋 ок	Enterprise Application	SOAServer	381
ealth of Running Servers		E CoradeBPMWorkspace	Active	🖋 ОК	Enterprise Application	SOAServer	383
Failed (0) Critical (0)		Corai18n-adf(11,11.1.1.0)	Active		Library	AdminServer, BAMServer, SOAServer	100
Overloaded (0) Warning (0)	e	nowasp.esapi(2.0, 12. 1. 3)	Active		Library	AdminServer, BAMServer, SOAServer	100
OK (2)		SAPAdapter	Installed		Resource Adapter		335
		E SimpleApprovalTaskFlow	Active	🖋 ок	Enterprise Application	SOAServer	386
		🔁 📑 soa-infra	Active	🖋 ок	Enterprise Application	SOAServer	350
		E soa-webapps	Active	🖋 ок	Enterprise Application	SOAServer	360
		nosoa.em	Active		Library	AdminServer	100
		SocketAdapter	Installed		Resource Adapter		326
	E	state-management-provider-memory-rar-12.1.3	Active	🖋 ок	Resource Adapter	AdminServer, BAMServer, SOAServer	100
	C	UIX(11,12.1.3.0.0)	Active		Library	AdminServer, BAMServer, SOAServer	100

- 3. Click **soa-infra** application under deployments.
- 4. Go to EJBs, click BPELEngineBean.

The **Summary of BPELEngineBean** screen displays.



B2BInstanceMessageBean	EJB	
B2BIntegratorBean	EJB	
B2BMetadataUtilityBean	EJB	
B2BStarterBeanWLS	EJB	
B2BUtilityBean	EJB	
BAMActionMDB	EJB	
BeamActionMDB	EJB	
BottleneckDetectionBean	EJB	
BPELActivityManagerBean	EJB	
BPELAuditTrailBean	EJB	
BPELCacheRegistryBean	EJB	
BPELCacheStoreBean	EJB	
BPELClusterBean	EJB	
BPELDeliveryBean	EJB	
BPELDispatcherBean	EJB	
BPELEngineBean	EJB	
BPELFind BPELEngineBean, Level 3, 22 of 106	EJB	
BPELInstanceManagerBean	EJB	
BPELKeyGeneratorBean	EJB	
BPELProcessManagerBean	EJB	
BPELSensorValuesBean	EJB	
BPELServerManagerBean	EJB	
BPELTestInstanceManager	EJB	
BpmAGProcessBrokerServiceBean	EJB	
BpmAppServiceBean	EJB	
BPMDataObjectSecurityService	EJB	
BPMNActivityManagerBean	EJB	
6 BPMNAudit TraiBean	EJB	
BPMNClusterBean	EJB	

Figure 1-112 Summary of BPELEngineBean

5. On the **BPELEngineBean** screen, click **Configuration** and set **Transaction TimeOut** to 300.

Under Managers Type: statels of Shiddown Classes The EB type (festion, entity, or message). More Info Proves Francaction Type: Container The bean's transaction type. More Info Ob Lambor of Shiddown Classes Oble Class Name: Container ED class Name: ED class Name: Proves Shiddown Classes Oble Class Name: Dol The initial number of beans in the fee pool. Wore Info Proves Shiddown Classes Oble Class Name: Dol The initial number of beans in the fee pool. Wore Info Proves Shiddown Classes Oble Class Name: Dol The available of the number of beans in the fee pool. Wore Info Proves Shiddown Classes Oble Class Name: Dol The available of the number of beans in the fee pool. Wore Info Proves Shiddown Classes Oble Class Name: Dol The available of the number of beans in the fee pool. Wore Info Proves Shiddown Classes Oble Class Name: Dol The available of the number of beans in the fee pool. Wore Info Proves Shiddown Classes Oble Class Name: Dol The available of the number of beans in the fee pool. Wore Info Wore More Marce Shiddown Classes Shiddown Classes		Name:	BPELEngineBean	The name of this bean. More Info
Deployments Transaction Type: Container The bean's transaction type. More Info rdo L Image: Imag	Work Managers Startup and Shutdown Classes	Туре:	stateless	The EJB type (session, entity, or message). More Info
Intercognetiality IDE Class Name: concolume.cpin.eqb.mpl.bpd.BPE.Enginetian EDE Class Name: More Info Indigure Version 2.X EDB The initial number of beans in the free pool. More Info Indigure Version 2.X EDB The initial number of beans in the free pool. More Info Indigure Version 2.X EDB The initial number of beans in the free pool. More Info Indigure Version 2.X EDB The initial number of beans in the free pool. More Info Indigure Version 2.X EDB The initial number of beans in the free pool. More Info Indigure Version 2.X EDB The initial number of beans in the free pool specified in the foll specified in the spec	Deployments Services	Transaction Type:	Container	The bean's transaction type. More Info
w do L Initial Beams in Free Pool: 100 The initial number of beams in the free pool. When an E.B has been in the free pool. When an E.B has been in the free pool for the number of beams in the free pool specified in the free pool. When an E.B has been in the free pool specified in the free pool. When an E.B has been in the free pool specified in the free pool. More Info intendisting Servers Initial Beams in Free Pool: 1000 The initial number of beams in the free pool. When an E.B has been in the free pool specified in the field, lade beams are removed from the free pool specified in the field, lade beams are removed from the free pool specified in the field, lade beams are removed from the free pool specified in the field, lade beams are removed from the free pool specified in the field, lade beams are removed from the free pool specified in the field, lade beams are removed from the free pool specified in the field number of beams in the free pool approaches the maximum beams in the pool approaches the maximum beams in the pool approaches themaximum beams in the pool approaches themaximum	Interoperability		com.collaxa.cube.engine.ejb.impl.bpel.BPELEngineBean	E38 Class Name More Info
onfigure Version 2X EBS Hax Beans in Free Pool: 1000 The maximum number of bases in the fee pool. When an EB has been in the fee pool of the number of bases in the fee pool approxed base pool approxed base in the fee pool approxed	do I 🖂		100	The initial number of beans in the free pool More Info
item status Idle Timeout: 0 The maximum length of the (h seconds) an EB should remain in the cache of free pool before. It is passwated or removed. More Info Pailed (0) Overlaaded (0) The maximum length of the (h seconds) an EB should remain in the cache of free pool before. It is passwated or removed. More Info Overlaaded (0) Overlaaded (0) The second pool be used as the run-as principal for a bean that has security dentity specified in the eB/case would otherwise run with an anonymous principal. More Info Create As Principal Name: The principal to be used when eB/Caste would otherwise run with an anonymous principal. More Info Remove As Principal Name: The principal to be used when eB/Caste would otherwise run with an anonymous principal. More Info JIDI Name: The principal to be used when eB/Caste would otherwise run with an anonymous principal. More Info JIDI Name: The principal to be used when eB/Caste would otherwise run with an anonymous principal. More Info JIDI Name: The principal to be used when eB/Caste would otherwise run with an anonymous principal. More Info JIDI Name: The JDI name of an EB, resource, or reference in Weblogic Server. Mo Info JIDI Name: The JDI name of an EB, resource, or reference in Weblogic Server. Mo Info JIDI Name: Designate which serve execute thread pool the EB should run n. More Info	Configure Version 2.X EJBs New deployment status of EJBs set EJB target servers and clusters Jpdate (redeploy) EJBs			The maximum number of beans in the free pool. When an E3B has been in the free pool for the number of seconds specified in 13de Timeout, and the total number of beans in the free pool approaches the maximum beans in free pool specified in this field, die beans are nerework from the free the free terms of the free pool.
Enterprise Bean Configuration Custom network during (b) Overlaaded (c) Warning (c) Overlaaded (c) Warning (c) Oc (c) Create As Principal Name: Create As Principal Name: Create As Principal Name: The principal to be used when epi/Create would otherwise run with an anonymous principal. More Info Remove As Principal Name: The principal to be used when epi/Create would otherwise run with an anonymous principal. More Info Passivate As Principal Name: The principal to be used when epi/Create would otherwise run with an anonymous principal. More Info IDE passivate As Principal Name: The principal to be used when epi/Create would otherwise run with an anonymous principal. More Info IDE passivate As Principal Name: The principal to be used when epi/Create would otherwise run with an anonymous principal. More Info IDE passivate As Principal Name: The principal to be used when epi/Create would otherwise run with an anonymous principal. More Info IDE passivate As Principal Name: The principal to be used when epi/Create would otherwise run with an anonymous principal. More Info IDE passivate As Principal Name: The principal to be used when epi/Create would otherwise run with an anonymous principal. More Info IDE JOINT Amee: The principal to be used when epi/Create would otherwise run. Weblogic Server. More Info Info Local JHDI Name: The JDI name of an EJB, resource, or reference in Weblogic Server. More Info Dispatch Policy: Designates which server execute thread pool the EJB should run n. More Designates which server execute thread pool the EJB should run n. More Designates which server execute thread pool the EJB should run n. More		Idle Timeout:	0	The maximum length of time (in seconds) an EJB should remain in the cache
Failed (0) Custom network dammel that the EB uses for network Critical (0) Overheaded (0) Waning (0) The scarity principal to be used as the run-as principal for a bean that has scarity identity specified in its eb-jar and file. More Info Create As Principal Name: The principal to be used when eb/sac within an anonymous principal. More Info Remove As Principal Name: The principal to be used when eb/sac within an anonymous principal. More Info Passivate As Principal Name: The principal to be used when eb/sac with an anonymous principal. More Info INDE Name: The principal to be used when eb/sac with an anonymous principal. More Info JUDI Name: The principal to be used when eb/sac with an anonymous principal. More Info Local JUDI Name: The JUDI name of an EJB, resource, or reference in WebLogic Server. More Info Local JUDI Name: The JUDI name of an EJB, resource, or reference in WebLogic Server. More Info Info The JUDI name of an EJB, resource, or reference in WebLogic Server. More Info	lth of Running Servers	- Enterprise Bean Configuration		or mee pool before it is passivated or removed. More into
Warning (0) Run As Principal Name: The security principal to be used as the run-as principal for a bean that has accurity defauty specified in the gb-jack and file. More Info Create As Principal Name: The principal to be used when ebDreate would otherwise run with an anonymous principal. More Info Remove As Principal Name: The principal to be used when ebDreate would otherwise run with an anonymous principal. More Info Passivate As Principal Name: The principal to be used when ebPrasivate would otherwise run with an anonymous principal. More Info Info: The principal to be used when ebPrasivate would otherwise run with an anonymous principal. More Info JNDI Name: The principal to be used when ebPrasivate would otherwise run with an anonymous principal. More Info Local JNDI Name: The JNDI name of an EJR, resource, or reference in WebLogic Server. More Info Local JNDI Name: The JNDI name of an EJR, resource, or reference in WebLogic Server. More Info Info: The JNDI name for a bear's local Home. More Info Info: Designate Mol Folicy: Designate which server execute threed pool the EJB shudd num n. More Info	Critical (0)			
Remove As Principal Name: The principal to be used when epiRemove would otherwise run with an anonymous principal. More Info Passivate As Principal Name: The principal to be used when epiRemove would otherwise run with an anonymous principal. More Info JNDI Name: The principal Name of an EJB, resource, or reference in WebLogic Server. Mo Info Local JNDI Name: The JNDI name of an EJB, resource, or reference in WebLogic Server. Mo Info Local JNDI Name: The JNDI name for a bean's local Home. More Info More Info The JNDI name for a bean's local Home. More Info	Warning (0)	Run As Principal Name:		The security principal to be used as the run-as principal for a bean that has security-identity specified in its ejb-jar.xml file. More Info
Anonymous principal. More Info Passivate As Principal Name: The principal to be used when epiDeasivate would otherwise run with an anonymous principal. More Info INDI Name: Info Local JNDI Name: Designates which server execute thread pool the EJB should run in. More Designates which server execute thread pool the EJB should run in. More		Create As Principal Name:		
anonymous principal. More Enfo NOT Name: Incal JNDI Name: The JNDI name of an EJB, resource, or reference in WebLogic Server. Mo Info Local JNDI Name: The JNDI name for a bean's local Home. More Info Desgrates which server execute thread pool the EJB should run in. More		Remove As Principal Name:		
Info Local JHDI Name: The JHDI name for a bean's local Home. More Info Dispatch Policy: Designates which server execute thread pool the EJB should run in. More		Passivate As Principal Name:		
Dispatch Policy: Designates which server execute thread pool the EJB should run in. More		JNDI Name:		The JNDI name of an EJB, resource, or reference in WebLogic Server. More Info
Dispatch Policy: Designates which server execute thread pool the EX8 should run in. More Info		Local JNDI Name:		The JNDI name for a bean's local Home. More Info
		👸 Dispatch Policy:		Designates which server execute thread pool the EJB should run in. More Info
Transaction Timeout: 300 The transaction timeout value, in seconds. More Info		Transaction Timeout:	300	The transaction timeout value, in seconds. More Info

Figure 1-113 BPELEngineBean Configuration - Transaction TimeOut

6. Go to EJBs, click BPELDeliveryBean.

The Summary of BPELDeliveryBean screen displays.

B2BUtilityBean	EJB	
BAMActionMDB	EJB	
BeamActionMDB	EJB	
BottleneckDetectionBean	EJB	
BPELActivityManagerBean	EJB	
BPELAuditTraiBean	EJB	
BPELCacheRegistryBean	EJB	
BPELCacheStoreBean	EJB	
BPELClusterBean	EJB	
BPELDelveryBean	EJB	
BPELDispatch BPELDeliveryBean, Level 3, 20 of 106	EJB	
BPELEngineBean	EJB	
BPELFinderBean	EJB	
BPELInstanceManagerBean	EJB	
BPELKeyGeneratorBean	EJB	
BPELProcessManagerBean	EJB	
BPELSensorValuesBean	EJB	
BPELServerManagerBean	EJB	
BPELTestInstanceManager	EJB	
BpmAGProcessBrokerServiceBean	EJB	
BpmAppServiceBean	EJB	
BPMDataObjectSecurityService	EJB	
BPMNActivityManagerBean	EJB	
BPMNAudit TrailBean	EJB	
BPMNClusterBean	EJB	
5 BPMNDeliveryBean	EJB	
BPMNDispatcherBean	EJB	
BPMNEngineBean	EJB	
BPMNFinderBean	EJB	

Figure 1-114 Summary of BPELDeliveryBean

7. On the **BPELDeliveryBean** screen, click **Configuration** and set **Transaction TimeOut** to 300.

Figure 1-115 BPELDeliveryBean Configuration - Transaction TimeOut

	Type:	stateless	The EJB type (session, entity, or message). More Info			
	Transaction Type:	Container	The bean's transaction type. More Info			
	EJB Class Name:	com.collaxa.cube.engine.ejb.impl.bpel.BPELDeliveryBean	EJB Class Name More Info			
	- Pool Configuration					
low do I E	Initial Beans in Free Pool:	200	The initial number of beans in the free pool. More Info			
Configure Version 2.X EJBs View deployment status of EJBs Set EJB target servers and clusters Update (redeploy) EJBs	Max Beans in Free Pool:	1000	The maximum number of bases in the free gool. When an EBB has been in the free pool for the number of seconds specified in has been in the free pool for the number of seconds specified in approaches the maximum bases in free pool specified in this field, the beans are removed from the free pool. More info			
Stop EJBs	Idle Timeout:	0	The maximum length of time (in seconds) an EJB should remain in the cache or free pool before it is passivated or removed. More Info			
Jocan otacus			Terroved. More intern.			
Health of Running Servers	— Enterprise Bean Configu					
Failed (0) Critical (0) Overloaded (0) Warning (0) OK (4)	Network Access Point:		Custom network channel that the EJB uses for network communications. More Info			
	Run As Principal Name:		The security principal to be used as the run-as principal for a bean that has security-identity specified in its elb-jar.xml file. More Info			
	Create As Principal Name:		The principal to be used when ejbCreate would otherwise run with an anonymous principal. More Info			
	Remove As Principal Name:		The principal to be used when ejbRemove would otherwise run with an anonymous principal. More Info			
	Passivate As Principal Name:		The principal to be used when ejbPassivate would otherwise rur with an anonymous principal. More Info			
	JNDI Name:		The JNDI name of an EJB, resource, or reference in WebLogic Server. More Info			
	Local JNDI Name:		The JNDI name for a bean's local Home. More Info			
	👩 Dispatch Policy:		Designates which server execute thread pool the EJB should rur in. More Info			
	Transaction Timeout:	1800	The transaction timeout value, in seconds. More Info			
	Save					



- 8. Login to Console and click JTA under Services.
- 9. Set the JTA timeout according to the below condition:

BPELEngineBean + BPELDeliveryBean is <= JTA timeout (For example 300+300<=600).

The Settings for dev_domain JTA screen displays.

Figure 1-116 Settings for dev_domain - JTA

Change Center	🏠 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: dev_doma						
view changes and restarts	Home >Summary of Deployments >dev_domain							
onfiguration editing is enabled. Future	Settings for dev_domain							
hanges will automatically be activated as you nodify, add or delete items in this domain.	Configuration Monitoring Control Security We							
omain Structure	General JTA JPA EJBs Web Applications Log	gging Log Filters						
/_domain Environment Deployments	Save							
Genrices Security Rearies Diagnostics Configure domain JTA options Configure advanced domain JTA options System Status Health of Running Servers	Use this page to define the Java Transaction API (JTA) (configuration of this WebLogic Serv	er domain.					
	Timeout Seconds:	3600	Specifies the maximum amount of time, in seconds, an active transaction is allowed to be in the first phase of a two-phase commit transaction. If the specified amount of time expires, the transaction is automatically rolled back. More Info					
	Abandon Timeout Seconds:	86400	Specifies the maximum amount of time, in seconds, a transaction manager persists in attempting to complete the second phase of a two-phase commit transaction. More Info					
	Before Completion Iteration Limit:	10	The maximum number of cycles that the transaction manager performs the beforeCompletion synchronization callback for this WebLogic Server domain. More Info					
	Max Transactions:	10000	The maximum number of simultaneous in-progress transactions allowed on a server in this WebLogic Server domain. More Info					
	Max Unique Name Statistics:	1000	The maximum number of unique transaction names for which statistics are maintained. More Info					
Failed (0) Critical (0) Overloaded (0)	Checkpoint Interval Seconds:	300	The interval at which the transaction manager creates a new transaction log file and checks all old transaction log files to see if they are ready to be deleted. More Info					
Warning (0) OK (4)	Write recovery logs when determiners configured	d	Indicates two-phase transaction recovery logs are written even if one or more determiners are configured. More Info					
	Determiners:		Specifies a list of one or more transaction resources (determiners) separated by ine breaks. A determiner's in-doubt transaction records are used during transaction recovery when a TLog is not present. Hore bifo					
	☑ Forget Heuristics		Specifies whether the transaction manager automatically performs an XA Resource forget operation for heuristic transaction completions More Info.					

- **10.** Login to EM console (http://host:port/em).
- 11. Right click on the soa-infra (SOAServer).
- **12.** Select **SOA Administration** and then click the **BPEL Porperties**.

The **soa-infra** screen displays.

soa-infra (SOA Infrastructure) × Settings for AlphaDomain - Alp ×	http://ofss222nitFilter=true × O Connect C		- • ☆ ê ↓ ♠
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▲ () default ▶ Monitoring ▶ 0] ▶ 0] ▶ 0]	Key Configuration	Business Transaction Faults	Search
Ng Annend SOA Deployment ≥ to [1.0] Ng BerDuti Manage Partitions Ng BPELC Work Manager Groups Ng BPELC Resequencing Groups Ng BPELC	Profie BPM BASIC () Instance Tradang Production () Default Query Duration Last 24 Hours () Auto Purge Enabled ()	Last* 24.3 Hours 🗨	Recent Sa With Sa All
Service Engines > Sig sequel Bindings Sig CoseF Business Events	SOA Runtime Health	Composites and Adapters Availability	Composite
CloseR SOA Administration Common Properties COLLA Security BPEL Properties CockI Administration BPEL Properties CockI Target Information Mediator Properties CockII CockII Security	Soa-infra (SOAServer) Initialized Successfully	V No Composite Start-Up Errors No ELS Connectivity Errors All Composites are UP All adapter service endpoints are UP	Sensor Na
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elia interview [.0] elia µmiteview [.0] elia OpenCurrentAccount [2.0] elia OpenCurrentAccount [2.0]	-		

Figure 1-117 SOA Infra

- **13.** Click **MoreConfigpropeties** and then click **SyncMaxWaitTime**.
- **14.** Change the **SyncMaxWaitTime** to 200 secs.



System MBean Browser - Oracl 🗙 Settings for AlphaDomain - Alp	. × C htt	p://ofss222nitFilter=true × 🕻 Con	necting × New Tab	+		1
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SOA ⊿ 器 <mark>soa-infra (SOAServer)</mark>	Î.	The changes made on this mbean are from the Change Center.	not managed by the configuration session. The changes will be applied im	nediately	. You cannot undo the ch	ang
세 (國) default 예법 AmendFCUBSORNFRetail.oanContract [1.0] 예법 AmendFCUBSORRetail.oanContract [1.0]		Show MBean Information				
		Attributes Operations Notifications				
Ma Amendrecobsorketalicoancontract [1:0]		Name	Description	Access	Value	
BIPUtity [1.0]		Er bergebotementer einere	a separate location from the rest of the instance scope data			
BPELCOLLATProcess [1.0]			specify the number of invoke messages that can be kept in the			
BPELCRPClosureProcess [1,0]		22 MaximumNumberOfinvokeMessagesTr	in-memory cache, once the engine hits this limit, it would push the message to dispatcher in-memory cache, instead it would save the	RW	100000	
BPELCRPProcess [1.0]		22 Hoxing interior of involutional grad	message in the db and these saved messages can be recovered using	1017	100000	
bpelcynprocess [1.0]			recovery job, you can use value -1 to disable			
BPELLimitReview [1.0]		23 MaxRecoverAttempt	This value specifies the maximum number of times an invoke or callback	RW	2	
CIBLProcess [1.0]			or activity will be recovered The minimum time duration for BPEL to do a real wait that involves a			
CloseFCUBSORRetailLoanContract [1.0]	=	24 MinBPELWait	dehydration	RW	2	
CloseRetailLoanContractFCUBSORService [1.0]		25 objectName	The MBean's unique JMX name	R	oracle.as.soainfra.conf	fia
COLLATProcess [1.0]		26 OneWayDeliveryPolicy	Changes whether the one-way invocation messages are delivered	RW	async.persist	1
GRDCProcess [1.0]			flag to enable or disable coherence cache for bpel service engine. use		C. March Conglette	
GreditBureauBPEL [1.0]		27 QualityOfService	CacheEnabled for enabling coherence.	RW	DirectWrite	
GreditBureauHandler [1.0]		28 QualityOfServiceAuditStorePolicyUse[flag to enable or disable coherence cache for bpel service engine when	RW	false	
CRPClosureProcess [1.0]			auditStorePolicy is set to async	icity.	TUBE	
CRPProcess [1.0]		29 QualityOfServiceOneWayDeliveryPoli	flag to enable or disable coherence cache for bpel service engine when oneWayDeliveryPolicy is set to async	RW	false	
CRPProcess [2.0]		30 ReadOnly	If true, it indicates that this MBean is a read only MBean.	R	false	
CurrentAccountCreationWithCreditFacility [1.0]		31 RecoveryConfig	Recovery Configuration	RW	javax.management.op	en
OBUtility [1.0]		32 RecurringMaxMessageRaiseSize	Number of messages to recover during recurring recovery	RW	50	
OBUtility [2.0]		33 RestartNeeded	Indicates whether a restart is needed.	R	false	
DisburseFCUBSORRetailLoanContract [1.0]		34 SpecCompliance	Sets how the implementation is compliant to the spec	RW	suggest	
e EQFXProcess [1.0]	1.00	35 StartupMaxMessageRaiseSize	Number of messages to recover during startup recovery	RW	50	
e EXPNProcess [1.0]		36 StatsLastN	The size of the "most recently processed" request list	RW	-1	
ExternalValuation [2.0]		A	The maximum time a request/response operation will take before it			
♣ InitiateFCUBSORRetail.oanPayment [1.0] ♣ InitiateKYCCheckFCUBSORService [1.0]		37 SyncMaxWaitTime	times out. The default value is 45 seconds.	RW	45	
InitiateKYCCheck=CUBSORService [1.0] InitiateRetail.oanContractFCUBSORService [1.0]		38 System/Bean	If true, it indicates that this MBean is a System MBean.	R	false	
InitiateRetail.comPaymentFCUBSORService [1.0]		39 ValidateXML	If set to "true" the engine will apply schema validation for incoming and	RW	false	
InitiateRiskEvaluationFCUBSORService [1.0]			outgoing xml documents. The default value "false".		1.0707.7	
KYCCheck [2.0]		40 Version 41 Visible	version of the config file If true, it indicates that this MBean is visible to current user.	R	11.1.0 true	
KYCCorporateReview [2.0]		41 Visible	If true, it indicates that this MBean is visible to current user.	ĸ	uue	

Figure 1-118 System MBean Browser

1.3 Integration of Oracle FLEXCUBE UBS and Scheduler

This topic explains Integration of Oracle FLEXCUBE UBS and Scheduler.

Before deploying the Oracle FLEXCUBE UBS EAR file, you must follow the tasks below.

Running Backend Scripts
 This topic provides the systematic instructions to run the backend scripts in the schema.

1.3.1 Running Backend Scripts

This topic provides the systematic instructions to run the backend scripts in the schema.

You must compile specific tables related to the Scheduler in the schema that are pointed by the application. Use the latest qualified version of Quartz.

Follow the steps given below:

- Download Quartz Latest Qualified Version.gz file from the following URL: http:// www.quartz-scheduler.org/download/download-catalog.html.
- 2. Extract the gz file.
- Open the Quartz-Latest Qualified Version\docs\dbTables folder and run the tables_oracle.sql (this is specific to Oracle Database) in the schema.



Note:

For more details on the latest version of the software qualified with Oracle FLEXCUBE, refer to the release certificate.

1.4 Integration of Oracle FLEXCUBE UBS and BIP Reports

This topic explains integration of Oracle FLEXCUBE UBS and BIP Reports.

For more details about integrate Oracle FLEXCUBE UBS and BIP reports, refer to the *BIP Web Service Reports* chapter in the *Oracle Analytics Publisher Web Service Reports* user manual.

 Deploy Application Through Application Server's Admin Console This topic explains deployment of application through Weblogic Administration Console.

1.4.1 Deploy Application Through Application Server's Admin Console

This topic explains deployment of application through Weblogic Administration Console.

For more details related to the deployment of Application using Weblogic Administration Console, refer to the *Deploying Oracle FLEXCUBE Application on WebLogic* user manual.

1.5 Integration of Oracle FLEXCUBE UBS and MBean

This topic explains to integrate Oracle FLEXCUBE UBS with MBean plug-in.

To integrate Oracle FLEXCUBE UBS and MBean, you must follow the below steps before deploying the Oracle FLEXCUBE UBS EAR file created with MBean as a Plugin.

Startup Script Modification This topic explains the Startup Script Modification.

1.5.1 Startup Script Modification

This topic explains the Startup Script Modification.

By default, the TopLink used in MBean uses Oracle xml parser internally. However, Weblogic Server has to use JAXPlatform.

To change the system property, follow the steps below:

- 1. Go to the Weblogic domain home folder.
 - Based on the operating system used, open startWeblogic.cmd (Windows) or startWeblogic.sh (Linux) from the bin folder.
 - b. Search for WLS_REDIRECT_LOG. After %JAVA_OPTIONS% add the following code under if and else conditions.

-Dtoplink.xml.platform=oracle.toplink.platform.xml.jaxp.JAXPPlatform Now, the details will look like this:

```
if "%WLS_REDIRECT_LOG%"=="" (
  echo Starting WLS with line:
  echo %JAVA_HOME%\bin\java %JAVA_VM% %MEM_ARGS% -
  Dweblogic.Name=%SERVER NAME% -
```



```
Djava.security.policy=%WL HOME%\server\lib\weblogic.policy
%JAVA_OPTIONS% %PROXY_SETTINGS% %SERVER_CLASS%
%JAVA HOME%\bin\java %JAVA VM% %MEM ARGS% -
Dweblogic.Name=%SERVER NAME% -
Djava.security.policy=%WL HOME%\server\lib\weblogic.policy
%JAVA OPTIONS% -
Dtoplink.xml.platform=oracle.toplink.platform.xml.jaxp.JAXPPlatform
%PROXY SETTINGS% %SERVER CLASS%
) else (
echo Redirecting output from WLS window to %WLS_REDIRECT_LOG%
%JAVA HOME%\bin\java %JAVA VM% %MEM ARGS% -
Dweblogic.Name=%SERVER NAME% -
Djava.security.policy=%WL HOME%\server\lib\weblogic.policy
%JAVA OPTIONS% -
Dtoplink.xml.platform=oracle.toplink.platform.xml.jaxp.JAXPPlatform
%PROXY_SETTINGS% %SERVER_CLASS% >"%WLS_REDIRECT_LOG%" 2>&1
)
```

2. Restart the Weblogic server.