Oracle® Banking Corporate Lending Setup Plug-Ins



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ORACLE

Oracle Banking Corporate Lending Setup Plug-Ins, Release 14.7.6.0.0

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

Role	Function
Administrator	Who controls the system and application parameters and ensures 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 120 1_domain ⊕ Environment → Deployments ⊕ Services → Security Realms ⊕ Interoperability ⊕ Diagnostics	Configure applications Configure advisor for RAC 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	WTC Servers Jolt Connection Pools
How do I 🖂	Environment	Store-and-Forward Agents MS Modules	
Search the configuration Use the Change Center Record VUST Scripts Change Console preferences Manage Console extensions Montor servers System Status Falled for furning Servers Falled (0) Critical (0) Overloaded (0) Warring (0)	erres Custers Server Templates Mgrabable Targets Morabable Targets Coherence Custers Machines Virtual Notas Work Managers Startup And Shutdown Classes Your Deployed Resources Deployments Your Application's Security Settings	Path Services Bridges Data Sources Persistent Stores XML Registries XML Registries XML Ently Coches Foreign JRDI Providers Vork Contexts yCoM Mal Sessions FileT3 JTA OSG Praneworks	Log Files Loganostic Modules Diagnostic Modules Diagnostic Indiges Degnostic Indiges Request Performance Ardvines Context SteP Charts and Graphs Monitoring Darbbard €

Figure 1-1 Oracle Weblogic Server - Security Realms

5. Click myrealm.

Figure 1-2 Oracle Weblogic Servers_SecurityRealm_myrealms

	Administration Console 12c		⊆
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Q	Welcome, weblogic Connected to: soa_doma
View changes and restarts	Home >Summary of Servers >Summary of Security Realms :	>myrealm >Providers >FCUBS >Summary of Secu	rity Realms >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 mechanisms-inclu active security realms in a WebLogic Server domain, but	uding users, groups, security roles, security poli t only one can be set as the default security rea	cies, and security providersthat are used to protect WebLogic resources. You can have multiple alm, which is reserved for domain administrative purposes.
soa_domain P Domain Partitions B Environment Deployments P Services 	This Security Realms page lists each security realm that () Customize this table Realms (Filtered - More Columns Exist)	has been configured in this WebLogic Server do	main. Click the name of the realm to explore and configure that realm.
Interoperability Diagnostics	New Delete		Showing 1 to 1 of 1 Previous Next
	Name 🌣	Default Realm	
	New Delete	true	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) OK (3)			
WebLogic Server Version: 12.2.1.0.0 Copyright (c) 1996,2015, Oracle and/or its affiliates, / Oracle is a registered trademark of Oracle Corporati	\ll rights reserved. on and/or its affiliates. Other names may be trademarks of their respi	ective owners.	

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



DRACLE WebLogic Server Ad	ministration Console 120	c							
hange Center	Home Log Out F	Preferences 🔝 Reci	ord Help		Q			Welcome, weblog	gic Connected to: soa_server
new changes and restarts	Home >Summary of S	iecurity Realms >myrea	Im >Providers						
to pending changes exist. Click the Release	Settings for myreal	m							
onfiguration button to allow others to edit the omain.	Configuration Use	rs and Groups Rol	es and Policies	Credential Mapp	ings Provider	s Migration			
Lock & Edit	Authentication	Password Validation	Authorization	Adjudication	Role Mapping	Auditing Credential Mapping	Certification Path		
Release Configuration									
omain Structure	An Authentication p	provider allows WebLi	ogic Server to es	tablish trust by va	lidating a user. Ye	u must have one Authentication	provider in a security realm, and you	can configure multiple Authentication provi	iders in a security realm.
3-Environment Deployments Services Security Realms Interoperability	Customize this ta Authentication Provide Compared to Authentication Provide Compared t	Reorder						Sho	wing 1 to 4 of 4 Previous Ne
Diagnostics	😡 Name				Des	ription			Version
	FC3CustomPro	wider			Auth	entication provider for FLEXCUB	E users		FCUBS 12.2
	Trust Service 1	Identity Asserter			Trus	Service Identity Assertion Provi	der		1.0
	DefaultAuthen	ticator			Web	ogic Authentication Provider			1.0
au da I	DefaultIdentity	yAsserter			Web	ogic 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	Reorder						Sho	wing 1 to 4 of 4 Previous Ne
ystem Status 🖂									
ealth 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 12	20	Q
Change Center	Home Log Out Pre	eferences 🛃 Record Help	Welcome, weblogic Connected to: Dev1201_domain
View changes and restarts	Home >Summary of Se	curity Realms >myrealm >Providers >FCJCustomProvider > Providers	
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Create a New Authen OK Cancel	tication Provider	
Domain Structure	Create a new Auth	entication Provider	
Dev 120 1_domain	The following propert * Indicates required fiel	es will be used to identify your new Authentication Provider. ds	
Security Realms Interoperability Diagnostics	The name of the authe	intication provider.	
	This is the type of auth	FCJCustomProvider	
		FCUBSUserAuthenticator	
How do I			
Manage security providers	<u> </u>		
Configure Authentication and Identity Assertion providers			
System Status	ā iemeratura		
Health of Running Servers			
Failed (0)			
Critical (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 Corporati	All rights reserved. ion and/or its affiliates. Other na	mes may be trademarks of their respective owners.	

8. Click the **Reorder** button.



Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Q Wek	come, weblogic Connected to: Dev1201_dom
View changes and restarts Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Home >Summary of Security Realms >myrealm >Providers >FCICL Messages © Create operation cancelled - no Authentication Providers o	stonProvider > Providers	
Domain Structure	Settings for myrealm		
Dev 1201 domain	Configuration Users and Groups Roles and Policies Cre	dential Mappings Providers Migration	
Environment Deployments	Authentication Password Validation Authorization A	djudication Role Mapping Auditing Credential Mapping Certification Path K	ieystores
	Customize this table Authentication Providers New Delete Reorder		Showing I to 4 of 4 Previous Next
How do I	🔲 Name	Description	Version
 Configure Authentication and Identity Assertion providers 	FCJCustomProvider	Authentication provider for FLEXCUBE users	FCUBS 12.1
Configure the Password Validation provider	Trust Service Identity Asserter	Trust Service Identity Assertion Provider	1.0
 Manage security providers 	DefaultAuthenticator	WebLogic Authentication Provider	1.0
	Default/dentityAsserter	WebLogic Identity Assertion provider	1.0
Set the JAAS control flag			
Set the JAAS control flag Re-order Authentication providers	New Delete Reorder		Showing 1 to 4 of 4 Previous Next
Set the JAAS control flag Re-order Authentication providers System Status	New Delete Reorder		Showing 1 to 4 of 4 Previous Next

Figure 1-5 Oracle Weblogic Server - Providers - Reorder

The Reorder Authentication Providers screen displays.

|--|

	Administration Console 12c	Q
Change Center	Home Log Out Preferences 🔤 Record Help 🔍 🔍 Welcom	e, 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 #) Intercooreability	You can reorder your Authentication Providers using the list below. By reordering Authentication Providers, you can alter the authentication sequence. Select authenticator(s) in the list and use arrows to move them up and down in the list.	
Ĥ-Diagnostics	Available: FCOcustomProvider Trust Service Identity Asset DefaultAuthenticator DefaultIdentityAsserter Z	
How do I		
Re-order Authentication providers Set the JAAS control flag	OK Cancel	
System Status 🖂	a	
Health of Running Servers		
Failed (0) Critical (0) Overloaded (0) Warning (0) OK (3)		
Warning (0) OK (3) WebLogic Server Version: 12.1.3.0.0 Copyright (c) 1996,2014, Oracle and/or its affiliates. A	. Al rights 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	CustomProvider >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		
Dev1201_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 E	Save			
No task help found.				
System Status				
Health of Running Servers				
Failed (0)				
Critical (0)				
Overloaded (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\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 1201_domain ⊕ Environment - Deployments ⊕ Services = Security Realms ⊕ Interoperability ⊕ Deproperability	Configure applications Configure GridLink for RAC Data Source Configure a Dynamic Cluster Recent Task Status Set your console preferences Oracle Entermotion Manager	Common Administration Task Descriptions Read the documentation Ask a question on My Oracle Support	
	Domain Configurations		
	Domain	Services	Interoperability
	• Domain	Messaging JMS Servers Servers	WTC Servers Jolt Connection Pools
How do I	Environment • Servers	JMS Modules	Diagnostics
Earch the configuration Ues the Canage Center Record WLST Scripts Change Console preferences Montor servers System Status Pailed (0) Christa (0) Overloaded (0) Warring (0)	Clusters Server Templates Myratable Targets Orderence Clusters Whush Hoots Whush Hoots Work Managers Startup And Shutdown Classes Your Deployed Resources Deployments Your Application's 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 Buit-to Diagnostic Modules Diagnostic Images Request Performance Archives Context St&PP Charts and Graphs 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	館 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	ding 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 19-Domain Partitions	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			
Health of Running Servers			
Failed (0) Critical (0) Overloaded (0) Warning (0) Ov(3)			

4. Click the **Providers** tab.

The Settings for myrealms - Providers screen displays.

Change Center	Home Log Out Preference	ces 🔤 Record Help	L Q		Welcome, weblogic Connected to: so					
View changes and restarts	Home >Summary of Security P	Realms >myrealm >Provid	lers >FCUBS >Summary of Ser	myrealm >Summary of	Security Realms >myrealm >Summary of Security Realms >myrealm					
Configuration editing is enabled. Future	Settings for myrealm									
thanges will automatically be activated as you modify, add or delete items in this domain.	Configuration Users and	Groups Roles and Po	olicies Credential Mapping	Providers	Migration					
Iomain Structure	General RDBMS Security	Store User Lockout	Performance	P	roviders- Tab					
a_domain 1- Domain Partitions 2- Environment 	Save Use this page to configure t Note: If you are implement out available and th	Save Use this page to configure the general behavior of this security realm. Note: If You are implementing security using JACC (Java Authorization Contract for Containers as defined in JSR 115), you must use the DD Only security model. Other WebLogic Server models an								
ti∸Diagnostics	Name:	E SELURY INFLUER IN	myrealm		BUUT CONSOL OF C GO	The name of this security realm. More Info				
	age Security Model Defau	ilt:	DD Only			Specifies the default security model for Web applications or EJBs 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 Ma	apping Enabled				Determines how the role mappings in the Enterprise Application, Web application, and E38 containers interact. This setting is valid only for Web applications and E38 that use the Advanced executive model and that initia roles from deployment descriptors. More Info				
Manage security for Web applications and E3Bs Set the default security model	Use Authorization	Providers to Protec	t JMX Access			Configures the WebLogic Server MBean servers to use the security realm Authorization providers to determine whether a JMX client has permission access an MBean attribute or invoke an MBean operation. More Info				
Delegate Moean authorization to the realm System Status	Automatically Restart	t After Non-Dynamic	Changes	Specifies whether the Realm will be auto-restarted if non-dynamic change are 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 will shutdown after the specified timeout period has elegeed. More lafe				
Faled (0) Critical (0) Overloaded (0) Warning (0)	- Advanced		kan terreter and the second terreter to	STUDIONI BIO DE SECUED UNICON ponor nar capora, mais amorn						

Figure 1-10 Settings for myrealms - Providers

5. Click New.

Figure 1-11 Settings for myrealms - Authentication Providers

Change Center	Home Lag Out Preferences 🔤 Record Help							Welcome, weblog	ic Connected to: soa_doma	
View changes and restarts	Home >myrealm >l	Providers >FCUBS >Su	mmary of Security	Realms >myrealm >	Summary of Secu	rity Realms :	>myrealm >Summary of	Security Realms >myrealr	m > Providers	
Configuration editing is enabled. Future	Settings for myre	alm								
modify, add or delete items in this domain.	Configuration L	Isers and Groups R	oles and Policies	Credential Mapp	ings Provide	ns Migra	tion			
Domain Structure	Authentication	Password Validatio	Authorization	Adjudication	Role Mapping	Auditing	Credential Mapping	Certification Path		
⊕ Doman Partitions ⊕ ⊕ Environment → Deployments ⊕ Services ⊕ Interoperability ⊕ Diagnostics	An Authentication providers in a sec Customize this Authentication New Delete	n provider allows Web surity realm. Different : table Providers	.ogic Server to es types of Authenti	tablish trust by va cation providers ar	idating a user. Y re designed to ad	ou must ha cess differ	ve one Authentication p ent data stores, such a	xrovider in a security rea s LDAP servers or DBMS	alm, and you can config	ure multiple Authentication
	Name				Description				siloning.	Version
	FCUBS				Authentication p	rovider for	FLEXCUBE users			FCUBS 12.2
How do L	Trust Servic	e Identity Asserter			Trust Service Identity Assertion Provider					1.0
Configure Authentication and Identity	DefaultAuth	nenticator			WebLogic Authentication Provider					1.0
Assertion providers	DefaultIden	itityAsserter			WebLogic Identity Assertion provider					1.0
Configure the Password Validation provider	New Delete	Reorder							Showing	1 to 4 of 4 Previous Next
Manage security providers Set the 10.05 control flag										
Re-order Authentication providers										
System Status										
Health of Running Servers										
T										

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	Crasta a new Authantication Drovider	
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	il rights reserved. n andjor its affiliate. 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

Charles incheogle center a		
Change Center	Home Log Out Preferences M 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 wil 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	You can reorder your Authentication Providers using the list below. By reordering Authentication Providers, you can alter the	e authentication sequence.
Britishers By-Service Brokens Service Service Service Service Thereoperability Brolagnostics How do L. Re-order Authentication providers	Select authentication Providers: Authentication Providers: Authentication Providers: Authentication Providers: Trust Service Identity Assee DefaultIdentityAsserter CK Concol	
Set the JAAS control flag	UK Lance	
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		Q				Welcome, weblogic	Connected to: soa_dom:	
View changes and restarts	Home >myrealm >S	ummary of Securit	y Realms >myrealm >S	ummary of Security	Realms >myrealm	>Providers >	ENTITYID >Providers	>ENTITYID >Provide	rs		
Configuration editing is enabled. Future	Settings for myrealm										
changes will automatically be activated as you modify, add or delete items in this domain.	Configuration U	sers and Groups	Roles and Policies	Credential Mappi	ngs Provider	s Migratio	n				
Domain Structure	Authentication	Password Valida	ation Authorization	Adjudication	Role Mapping	Auditing	Credential Mapping	Certification Path			
sa_doman [®] -Doman Partitons [®] -Environment [®] -Environments [®] -Serviros [®] -Serviros [®] -Interoperability [®] Diagnostics	An Authentication providers in a sec Customize this Authentication New Delete	provider allows V urity realm. Differ table Providers Reorder	/ebLogic Server to es ent types of Authent	tablish trust by val cation providers ar	idating a user. Yo re designed to acc	u must have læss differen	one Authentication ; t data stores, such a	provider in a security r s LDAP servers or DBN	ealm, and you can configu IS. Showing 1	e multiple Authentication	
	Name			Description					v	ersion	
	ENTITYID				Authentication provider for FLEXCUBE users					CUBS 12.2	
How do I	FCUBS				Authentication pr	P	CUBS 12.2				
Configure Authentication and Identity	Trust Service		Trust Service Identity Assertion Provider					.0			
Assertion providers	DefaultAuth		WebLogic Authentication Provider					.0			
Configure the Password Validation provider	DefaultIden	tityAsserter			WebLogic Identity Assertion provider					0	
Manage security providers Set the JAAS control flag Re-order Authentication providers	New Delete	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	dministration Con	isole 12c								
Change Center	Home Log	Out Preferences	Record Help		Q		Welcome, weblogic Connected to: soa_d			
View changes and restarts	Home >Summa	ary of Security Realm	s >myrealm >Summa	ary of Security R	ealms >myrealm >P	Providers >ENTITYID >Pro	viders >ENTITYID >Providers >ENTITYID			
Configuration editing is enabled. Future	Settings for El	Settings for ENTITYID								
modify, add or delete items in this domain.	Configuratio	n								
Domain Structure	Common	Provider Specific								
soa_domain	Save									
Deployments	This page all	ows you to define th	ie general configura	ation of this pro-	vider.					
Services Security Realms	🛃 Name:		ENTITYID							
Interoperability Diagnostics	街 Descript	ion:	Authentication	provider for FL	EXCUBE users					
	dersion:		FCUBS 12.2							
	a Control F	-lag:	SUFFICIEN	IT 💌						
How do I	Save									
No task help found.										
System Status										
Health of Running Servers										
Failed (0)										
Critical (0)										
Uverloaded (U) 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 explicit and emark of Oracle Corporatio	ll rights reserved. to and/or its affiliates.	Other names may be	trademarks of their	respective owner	z					

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

The Settings for ENTITYID - Provider Specific screen displays.



Home >Summary of Security Realms >myrealm >Summa	vry of Security Realms >myrealm >Providers >ENTITYID >Providers	SENTITYID Suproviders SENTITYID						
ettings for ENTITYID								
Configuration								
Common Provider Specific								
Save								
This page allows you to configure additional attribute	es for this security provider.							
6월 Ldap Server Ip And Port:	localhost389							
생 JNDIName:	jdbc/fcjdevDS							
External Password Required								
1 Ldap Server Time Out Duration:	D							
🔲 🏀 Multi Entity Enabled								
Ecurity Authentication Type:	simple 💌							
6월 Entity Id:	ENT1							
🥰 Ldap Domain Name:	OFSS.COM							
Edap SSLEnabled								
🗐 🏀 Msad Or Ldap Login Required								
de Authentication Type:	MSAD 💌							
Save								
	Common Provider Specific	Common Provider Specific Save This page alones you to configure additional attributes for this security provider. Idap Server Ip And Port: localhost 389 Idap Server Ip And Port: jdbc/fcjdevDS Idap Server Time Out Duration: 0 Idap Server Time Out Duration: 0 <t< td=""></t<>						

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 >mynealm >Sun	mmary of Security Realms >myrealm > Providers > ENTITYID > Provi	ders >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	Cormon Provider Specific		
soa_domain			
Domain Partitions	Save		
Deployments	This page allows you to configure additional attrit	butes for this security provider.	
E-Services	denter Line Server Ip And Port:	localhost 389	
E-Diagnostics	den Sind Sind Sind Sind Sind Sind Sind Sin	jdbc/fcjdevDS	
	External Password Required		
	den Server Time Out Duration:	0	
How do L	C. Carbon State		
No task help found.			
	Security Authentication Type:	simple •	
System Status			
Health of Running Servers	de Entity Id:	ENT1	
Faled (0)	A I dan Damain Hamai		
Critical (0)	and road political name.	OFSS.COM	
Warning (0) OK (3)	🗐 🛃 Ldap SSLEnabled		
	📕 🔚 🚓 Msad Or Ldap Login Required		
	a 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	<u> </u>	Welcome, weblogic Connected to: soa_dr
View changes and restarts	Home >Summary of Security Realms >myrealm >Summar	y of Security Realms >myrealm >Providers >ENTITYID >Providers >	>ENTITYID >Providers >ENTITYID
Configuration editing is enabled. Future	Settings for ENTITYID		
.hanges will automatically be activated as you modify, add or delete items in this domain.	Configuration		
Domain Structure	Common Provider Specific		
oa_domain P-Domain Partitions	Save		
Environment Deployments	This page allows you to configure additional attributer	.s for this security provider.	
Security Realms	🏀 Ldap Server Ip And Port:	localhost389	
Diagnostics	德 JNDIName:	jdbc/fcjdevDS	
	External Password Required		
	Ldap Server Time Out Duration:	0	
tow do I	🕑 🏤 Multi Entity Enabled		
No task help round.	E Security Authentication Type:	simple 💌	
Health of Running Servers	الله المتعادية	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 Authentication Type:	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	н 💼 н	iome Log Out Preferences 🔝 Record H	Help Q			1	Welcome, weblogic Con	nected to: Dev1201_don
View changes and restarts	Hom	e »Summary of Deployments						
Configuration editing is enabled. Future	Sumn	nary of Deployments						
changes will automatically be activated as you modify, add or delete items in this domain.	Cont	trol Monitoring						
Domain Structure	Thi	e nace divolative a list of Java FE application	re and stand-alone application modules tha	t have been installed to t	nic domain	Installed applicatio	ne and modulae can be eta	batchou become
ev 2021 Johnain B-Environment Deployments D-Services Security Realms B-Interoperability B-Olagnostics	(rei To)) Cu: Dep	page opposite of the source exploration of the opportunity of the electron of the	o and addition units, opplication imposed with first selecting the application makes and usin oyment to targets in this domain, dick the	Install button.	ge.		na una modulas can de sta	ico, stopped, opinica
	In	nstall Update Delete Start ~	Stop ~		1	-	Showing 1 to	47 of 47 Previous Next
] Name 🖚		State	Health	Туре	Targets	Deployment Order
		AqAdapter		Active	Ø OK	Resource Adapter	soa_server1	324
Instal an enterprise application		E Cob2bui		Active	🖋 ок	Enterprise Application	soa_server1	313
Configure an enterprise application] 🗷 📑 BamComposer		New		Enterprise	bam_server1	500
Start and stop a deployed enterprise application		BamCQService		New		Enterprise	bam_server1	300
Monitor the modules of an enterprise application] ⊞BamServer		New		Enterprise	bam_server1	400
Deploy EJB modules Install a Web application	2	BPMComposer		Active	⊘ ОК	Enterprise	soa_server1	385
system Status] 👼 coherence-transaction-rar		Active	🖋 ок	Resource Adapter	AdminServer, bam_server1, soa_serve	r1 100
Health of Running Servers] 🤯 CoherenceAdapter		Installed		Resource Adapter		331
Failed (0) Critical (0)] 🔯 DbAdapter		Active	🖋 ок	Resource Adapter	soa_server1	322
Overloaded (0) Warning (0)] DefaultToDoTaskFlow		Active	🖋 ок	Enterprise Application	soa_server1	314
OK (2)] E DMS Application (12.1.3.0.0)		Active	🖋 ок	Web Application	AdminServer, bam_server1, soa_serve	r1 5
	0	B Bem		Active	⊘ ок	Enterprise Application	AdminServer	400
	27	E FCUBSApp (12.1.0.0)		Preparec	« ок	Enterprise Application	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 Log O	ut Preferences	Record Help			Q				Welcome, weblogic Connected to: Dev1201_dom
View changes and restarts	Home >Summary	y of Deployments	>DbAdapter							
Configuration editing is enabled. Future	Settings for Db/	Adapter								
changes will automatically be activated as you modify, add or delete items in this domain.	Overview Dep	ployment Plan	Configuration	Security	Targets	Control	Testing	Monitoring	Notes	
Domain Structure	General Prop	oerties Outbo	ound Connection	Pools	Admin Object	s Workloa	ad Inst	rumentation		
lev1201_domain # Environment • Deployments # Services • Security Realms # Interoperability 9 Diagnostics	This page displa by connection I Pool group. Clic Outbound Cor	ays a table of Ou factory interface ik the name of a nnection Pool (utbound Connectio and the instances group or instance Configuration Ta	n Pool gro are listed to configu able	ups and insta by their JNDJ ire it. Automa	nces for this names. Exp ically genera	resource and a gro ated Conr	adapter. The up to obtain ection Pools :	e top level entries configuration info are not displayed	In the table represent Outbound Connection Pool groups, Groups are listed mation for a Connection Pool instance within an Outbound Connection in the table below.
	New Del	ete								Showing 1 to 1 of 1 Previous Next
	Groups :	and Instances	•						Connection Fac	tory Interface
	🕑 javax.	resource.cci.Cor	nnectionFactory					j	javax.resource.co	i.ConnectionFactory
	New Del	ete								Showing 1 to 1 of 1 Previous Next
How do L										
Configure outbound connection pool properties										
System Status										
Health of Running Servers										
Ealed (0)										
Critical (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.
- 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

ORACLE WebLogic Server	Administration Console 12c				<u>o</u>
Change Center	Home Log Out Preferences	Record Help	Q		Welcome, weblogic Connected to: Dev1201_domain
View changes and restarts	Home >Summary of Deployment	s >DbAdapter			
Configuration editing is enabled. Future	Settings for javax.resource.	ci.ConnectionFactory			
changes will automatically be activated as you modify, add or delete items in this domain.	General Properties Tran	Authentication	Connection Pool Logging		
Domain Structure Dev 1201_domain ⊕-Environment	This page allows you to view a	nd modify the configuration	properties of this outbound con	nection pool. Properties you modify here are say	red to a deployment plan.
Deployments B-Services Security Realms	Save	erties			Showing 1 to 8 of 8 Previous Next
Interoperability Diagnostics	Property Name 🗞	Property Type	Property Value		Supports Dynamic Updates
	DataSourceName	java.lang.String	jdbc/fcjdevDS		false
	DefaultNChar	java.lang.Boolean	false		false
	PlatformClassName	java.lang.String	org.edipse.persistence	platform.database.Oracle 10Platform	false
	SequencePreallocationSize	java.lang.Integer	50		false
	UsesBatchWriting	java.lang.Boolean	true		false
How do I	UsesNativeSequencing	java.lang.Boolean	true		false
Configure outbound connection pool	UsesSkipLocking	java.lang.Boolean	true		false
properties	XADataSourceName	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) Warning (0) OK (2)					
WebLogic Server Version: 12.1.3.0.0 Copyright (c) 1996,2014, Oracle and/or its affiliates Oracle is a registered trademark of Oracle Corpora	. All rights reserved. ition and/or its affiliates. Other names may	be trademarks of their respect	ve owners.		

- **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	▶ ☆ 自 ♣ 兪
ORACLE WebLogic Server	Administration Console 12c		
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Q	Welcome, admin Connected to: Alphal
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		
	J Helpful Tools	General Information	
Jomain Structure	Configure applications	Common Administration Task Descriptions	
JphaDomain	Configure Grid ink for RAC Data Source	Read the documentation	
Servers	Configure a Dynamic Cluster	Ask a question on My Oracle Support	
E-Clusters E	Decent Tark Statur	- Aak a queation on my orable support	
Coherence Clusters	Cot your concolo profesences		
Machines	Oracle Enterprise Manager		
Work Managers	Oracle Enterprise Manager		
Startup and Shutdown Classes	- Domain Configurations		
Deployments			the second second second
=)-Services	Domain	Services	Interoperability
-JMS Servers	Domain	Messaging	WTC Servers
Store-and-Forward Agents			Jolt Connection Pools
I ob wot	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)		• JTA	
Overloaded (0)	Your Application's Formity Softings	OSGi Frameworks	
Warning (0)	Security Dealers		
UK (2)	- Security Reality		

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/conso	le.portal?_nfpb=true&_pageLabel=JmsServerJMSServerTablePage	v C Soogl	e	<u>۲</u>	∃ + 11
ORACLE WebLogic Server	Administration Console 12c				
hange Center	🔒 Home Log Out Preferences 🔤 Record Help	Q		Welcome, admin Con	nected to: Alph
iew changes and restarts	Home >AlphaDomain >Summary of JMS Servers				
onfiguration editing is enabled. Future	Summary of JMS Servers				
aanges will automatically be activated as you odify, add or delete items in this domain.	JMS servers act as management containers for the queues and	d topics in JMS modules that are targeted to them.			
omain Structure	This page summarizes the JMS servers that have been created	in the current WebLogic Server domain.			
Environment Servers E-Clusters Coherence Clusters	© Customize this table JMS Servers (Filtered - More Columns Exist)				
Virtual Hosts	New Delete			Showing 1 to 8	of 8 Previous
	🗖 Name 🏟	Persistent Store	Target	Current Target	Health
-Services	BamAlertEngineJmsServer	BamAlertEngine3msFileStore	BAMServer	BAMServer	
-Messaging	BamCQService3msServer_BAMServer	BamCQServiceJmsFileStore_BAMServer	BAMServer	BAMServer	
Store-and-Forward Agents	BamReportCacheJmsServer	BamReportCacheJmsFileStore	BAMServer	BAMServer	
ow do I	BamServerJmsServer_BAMServer	BamServerJmsFileStore_BAMServer	BAMServer	BAMServer	
Configure JMS servers	BPMJMSServer	BPMJMSFileStore	SOAServer	SOAServer	🖋 ОК
Configure JMS system modules	SOAJMSServer	SOAJMSFileStore	SOAServer	SOAServer	🖋 ОК
	UMSJMSServer_auto_1	UMSJMSFileStore_auto_1	BAMServer	BAMServer	
ystem Status	UMSJMSServer_auto_2	UMSJMSFileStore_auto_2	SOAServer	SOAServer	🖋 ОК
ealth of Running Servers	New Delete			Showing 1 to 8	of 8 Previous
Failed (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 N	New JMS	Server
-------------	------------	---------	--------

soa-infra (SOA Infrastruct 🗙	FC1211QAR2 (Oracle We	eb × Create	e a New JMS Server 🛛 🛪	dev_domain (Oracle	Web ×	Summary of JM	S Servers 🗙	AlphaDomain (O	acle We ×	+				×
€ @ 10.184.135.218:7001/consol	e/console.portal?_nfpb=	true&_pageLabe	I=JmsServerCreateJMSSer	rver&JmsServerCreateJN	//SServerPort	let_action0 🛡 C	S - Google		٩	☆	Ê	÷	^	=
ORACLE WebLogic S	erver Administration	Console 12c											6	õ
Change Center	Home	Log Out Preferen	ces 🚵 Record Help	٩					Welcome, ad	min C	Connect	ed to: Al	phaDo	main
View changes and restarts	Home >A	ohaDomain >Summ	ary of JMS Servers											
Configuration editing is enabled. Future	Create a N	ew JMS Server												
changes will automatically be activated modify, add or delete items in this doma	as you ain. Back	Next Finish	Cancel											
Domain Structure	JMS Set	ver Properties												
AlphaDomain	The follo	wing properties will	be used to identify your ne	ew JMS Server.										
Servers	* Indicates	required fields												
Clusters Coherence Clusters	What wou	ld you like to name	vour new IMS Server?											
Machines Virtual Hosts		a you nee to name	you new sho berver.											
Work Managers	6日 * Nar	ne:	FCUBSJMSServ	er										
Deployments	Specify pe	rsistent store for t	he new JMS Server.											
Services Hessaging	Persiste	at Store:	COA IMPEiloPtor	-		este a New Store								
JMS Servers	-		SOADMSI IIESIDI	В	• •	COLO O MON DIOIC								
How do L.	Back	Next Finish	Cancel											
Configure IMS system modules														
Configure custom persistent stores														
System Status														
Health of Running Servers														
Failed (0)														
Overloaded (0)														
Warning (0)														
OK (2)														

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 (Or	acle We ×	+				x
	e.portal?JmsServerCreateJMSServerPortlet_actionOverride=/com/bea/console/actions/jms/server/createj 🤍 🖱 🚺 🐱 Google	م	☆	Ê	÷	♠	≡
	Administration Console 12c						õ
Change Center	🔒 Home Lag Out Preferences 🔤 Record Help	Welcome, adm	nin C	Connecte	ed to: A	lphaD	omain
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.						
🕀 - Clusters 🗏	SOAServer 💌						
Coherence ClustersMachinesVirtual HostsWork ManagersWork Managers	Back, Net Finah Cancel						
JMS Servers							
How do I	1						
Configure JMS system modules							
Configure custom persistent stores							
System Status	1						
Health of Running Servers							
Failed (0)							
Critical (0)							
Overloaded (0)							
	-						

5. Click Finish.

Two messages displays on the Summary of JMS Servers screen.

ORACLE WebLogic Server	Administration Console 12c				
Change Center	🔒 Hame Lag Out Preferences 🔤 Record Help	9		Welcome, admin Con	nected to: AlphaDo
View changes and restarts	Home >AlphaDomain >Summary of JMS Servers				
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Messages All changes have been activated. No restarts are new JMS Server created successfully	cessary.			
Domain Structure	Summary of IMS Servers				
Machines					
	Customize this table JHS Servers (Filtered - More Columns Exist) New Delete Manage	Participat Chara	Taunat	Showing 1 to 9	of 9 Previous Nex
Withual Hosts Work Managers Ustratup and Shutdown Classes Deployments Services Findessaging Fin	Customize this table JHS Servers (Filtered - More Columns Exist) New Delete Name SemilorSinger, Instance	Persistent Store	Target	Showing 1 to 9 Current Target RMMcourr	e of 9 Previous Net Health
Work Managers Work Managers Work Managers Starb p and Shutdown Classes Opeloyments Genvices Messaging Linthe Servers Store-and-Ennward Anents tow do L.	Customize this table JHS Servers (Filtered - More Columns Exist) New Delete Rame © BandlertEngne.ImServ Sort table by Name BandlertEngne.ImServe EMManue	Persistent Store BanAlertEngne.MoRFleStore BanOfactional PurElectore. BMManuer	Target BAMServer BAMServer	Showing 1 to 9 Current Target BAMServer BAMServer	Health
Work Managers Work Managers Work Managers Work Managers Work Managers Work Structure Worksaging Messaging Messaging Messaging Worksaging	Customize this table JHS Servers (Filtered - More Columns Exist) New Delete Name BanAlerEngne.ImSer(Sort table by Name BanCQService.ImServer_BAMServer BanGCQService.ImServer_BAMServer	Persistent Store BamAlertEngine.hmsFileStore BamCQService.imaFileStore_BAMServer BamBandrick.htm	Target BAMServer BAMServer	Showing 1 to 9 Current Target BAMServer BAMServer BAMServer	Health
Virula HostsVork MangersVork MangersVork MangersVork MangersVork Studiown ClassesVorkesVorkesVorkesVorkesVorkesVorkesVorkesVorkes	Customize this table JH5 Servers (Filtered - More Columns Exist) New Delete BanklertEngneJmSer Sort table by Name BanCQServiceJmServer BanReportCadre ImServer BanReportCadre	Persistent Store BanklerEngine.hmsFileStore BankCQService.hmsFileStore_BAMServer BankRopriCade.hmsFileStore BankRopriCade.hmsFileStore	Target BAMServer BAMServer BAMServer	Showing 1 to 9 Current Target BAMServer BAMServer BAMServer BAMServer	Health
Vitual Hosts Vitual Hosts Vitua Hosts	Customize this table JH5 Servers (Filtered - More Columns Exist) New Delete BanklertEngneJmsSer(Sort table by Name BanCQServiceJmsServer_BAMServer BanReportCache ImsServer BanServer_Istanserver_BaMServer BanServer_Istanserver_BamServer BanServer_Istanserver BamServer_Istanserver BanServer_Istanserver BamServer_Istanserver BamServer_Istanserver BamServer_Istanserver BamServer_Istanserver BamServer_Istanserver BamServer_Istanserver BamServer_Istanserver BamServerIstanserver BamServerIstanserver BamServerIstanserver BamServerIstanserver BamServerIstanserver BamServerIstanserverIstanserver BamServerIstanserver BamServer Ba	Persistent Store BanklertEngne.ImsFileStore BankCQService.ImsFileStore_BAMServer BanReportCadck.ImsFileStore_BAMServer BanServer.ImsFileStore_BAMServer BPMVMSFileStore	Target BAMServer BAMServer BAMServer SOAServer	Showing 1 to 9 Current Target BAMServer BAMServer BAMServer BAMServer SOAServer	Health
Work Managers Work Managers Work Managers Work Managers Services Services Services Services Configure JMS servers Configure JMS servers Configure JMS servers Servers Servers	Customize this table JHS Servers (Filtered - More Columns Exist) New Delen Rame BanclertEngine.imsServer_BAVGerver BanCaper tcache.imsGerver BanGerver.imsGerver BanGerver.imsGerver.imsGerver BanGerver.imsGerver	Persistent Store BanAlertEngre.hmsFileStore BanCQService.hmsFileStore BanReportCade.hmsFileStore BanServer.hmsFileStore BanServer.hmsFileStore BANSFileStore SOLNPSFileStore	Target BAMServer BAMServer BAMServer SOAServer SOAServer	Showing 1 to 9 Current Target BAMServer BAMServer BAMServer BAMServer SOAServer SOAServer	Health
Vick Hangers	Customize this table DHS Servers (Filtered - More Columns Exist) New Delete Rame 4% BanAlertEngneImsServe Sort table by Name BanCQServiceImsServer_BANGerver BanGerveImsServer_BANGerver BMMOGerver FOLDSUMSServer FOLDSUMSServer SolumSserver	Persistent Store BanklertEngre.hmSFleStore BanRcgortCarleAmSFleStore_BAMServer BanReportCarleAmSFleStore BanServerJmSFleStore BANJMSFleStore SOLAMSFleStore SOLAMSFleStore	Target BAMServer BAMServer BAMServer BAMServer SOAServer SOAServer SOAServer	Showing 1 to 9 Current Target BAMServer BAMServer BAMServer BAMServer SOAServer SOAServer SOAServer SOAServer	Health
Vicual Hosts Vork Hangers Vork Hangers Vork Hangers Vork Hangers Vork Hangers Vork	Customize this table JHS Servers (Filtered - More Columns Exist) New Delete BanAlertEngne.Imster Sort table by Name BanCQService.Imsterver BanRerver BanRerver.Imsterver BanRerver.Imsterver BMDACServer DHDACServer SOA.MSServer UNIS.MSServer UNIS.MSServer.auto_1	Persistent Store BamAlertEngine.hmsFileStore BamCQService.mBrileStore_BAMServer BamReportCadre.hmsFileStore BamCerver.hmsFileStore_BAMServer BPHIMSFileStore SOLANSFileStore SOLANSFileStore UMSNSFileStore	Target BAMServer BAMServer BAMServer BAMServer SOAServer SOAServer BAMServer	Showing 1 to 9 Current Target BAMServer BAMServer BAMServer BAMServer SOAServer SOAServer SOAServer BAMServer	Hof9 Previous Ner Health
Vicula Hosts Vork Hangers	Customize this table JHS Servers (Filtered - More Columns Exist) New Dete BancQserviceInsServer_Sort table by Name BancQServiceInsServer_BAMServer BanReportCache.ImsServer BanReportCache.ImsServer BMMSServer ClasSIMSServer SofAMSServer UMSIMSServer UMSIMSServer_Buto_1 UMSIMSServer_auto_2	Persistent Store BamAlertEngine.hmsRieStore BamCQService.imsRieStore_BAMServer BamReportCadre.hmsRieStore_BAMServer BamGever.hmsRieStore_BAMServer BAMUSFIEStore SOALMSFIEStore SOALMSFIEStore SOALMSFIEStore UMSJMSFIEStore_BAUG_1 UMSJMSFIEStore_auto_1	Target BAMServer BAMServer BAMServer BAMServer SOAServer SOAServer BAMServer SOAServer BAMServer	Showing 1 to 9 Current Target BAMServer BAMServer BAMServer SOAServer SOAServer BAMServer SOAServer BAMServer SOAServer	Health Health Construction Cons

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
I Iguic ± Zi	Weblogie Console Child	mounic

10.184.135.218:7001/console/	'console.portal?_nfpb=true8t_pageLabel=HomePage1	⊽ C'	🗴 🔻 Google	م	☆	Ê	+	^
	Administration Console 12c							ç
Change Center	Home Log Out Preferences 🔤 Record Help	Q		Welcome, adr	min	Connect	ted to: A	lphaDom
View changes and restarts	Home > AlphaDomain > Summary of JMS Servers > Summary	of JMS Modules						
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						
AlphaDomain	Configure applications	 Common Administration Task Descriptions 						
P-Environment	Configure GridLink for RAC Data Source	 Read the documentation 						
Servers	Configure a Dynamic Cluster	 Ask a question on My Oracle Support 						
ti-Clusters	 Recent Task Status 							
····Machines	Set your console preferences							
Virtual Hosts	Oracle Enterprise Manager							
Work Managers	- Domain Configurations							
Deployments	Domain comparations							
-Services	Domain	Services	Inte	roperability				
El-Messaging	Domain	Messaging	• V	/TC Servers				
Store-and-Forward Agents	•	 JMS Servers 	• 3	olt Connection Pools				
How do I	Environment	 Store-and-Forward Agents 						
now do 1	Servers	(IMS Modules	Diag	inostics				
 Search the configuration 	Clusters	 Path Services 	• 0	og Files				
Use the Change Center	 Server Templates 	 Bridges 	• D	iagnostic Modules				
Record WLST Scripts	 Migratable Targets 	Data Sources	• 8	uilt-in Diagnostic Modules				
 Change Console preferences 	Coherence Clusters	 Persistent Stores 	• D	iagnostic Images				
Manage Console extensions	Machines	XML Registries	• R	equest Performance				
Monitor servers	Virtual Hosts	XML Entity Caches	• A	rchives				
	Work Managers	 Foreign JNDI Providers 	• 0	ontext				
System Status	 Startup And Shutdown Classes 	Work Contexts	• S	NMP				
Health of Running Servers		• jCOM						
Eailed (0)	Your Deployed Resources	Mail Sessions	Cha	rts and Graphs				
Critical (0)	Deployments	• FileT3	• N	lonitoring Dashboard B				
Overloaded (0)		• JTA						
Warning (0)	Your Application's Security Settings	OSGI Frameworks						
OK (2)	Security Realms							
	J							



The Summary of JMS Modules screen displays.

Figure 1-28	Summary	of JMS	Modules
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	.portal?_nfpb=true&_pageLabel=JmsModulesTablePage	V C Soogle	▶ ☆ 自 ♣ 斋 目
ORACLE WebLogic Server	dministration Console 12c		Ç
Change Center	🔒 Home Log Out Preferences 🔤 Record Help		Welcome, admin Connected to: AlphaDoma
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.	Summary of JMS Modules	12FF modules. Such resources include queues, tonics, connection fact	nnies, templates, destination keys, nuota,
Domain Structure	distributed queues, distributed topics, foreign servers, and JMS store-and-forwa	ard (SAF) parameters. You can administratively configure and manage	JMS system modules as global system resources.
Environment Servers Coherence Clusters	This page summarizes the 345 system modules that have been created for this of Customize this table 3HS Modules	domain.	
Work Managers			
Startup and Snutdown Classes	New Delete		Showing 1 to 8 of 8 Previous Next
E-Services	Name 🐟		Туре
JMS Servers	BamAlertEngineJmsSystemModule		System
Store-and-Forward Agents Modules	BamCQServiceJmsSystemResource_BAMServer		System
len de T	BamReportCacheJmsSystemModule		System
How do 1	BamServerJmsSystemResource		System
Configure JMS system modules	BPMJMSModule		System
 Configure resources for JMS system modules 	SOAJMSModule		System
System Status	UMSAQJMSSystemResource		System
Health of Dunning Servers	UMSJMSSystemResource		System
Failed (0) Critical (0) Overloaded (0) Warning (0) OK (2)	New Delete		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 Modul	е
-------------	-------------------------	---

	Administration Console 12c							õ
Change Center	Home Log Out Preferences 🔤 R	tecord Help	Q		Welcome, ad	Imin Conr	nected to: A	UphaDomain
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.	Create JMS System Module Back Next Finish Cance	el						
Domain Structure	The following properties will be a	used to identify your ne	ew module.					
AlphaDomain AlphaDomain B-Environment Cohervers Cubsters -Cubsters -Machines	JMS system resources are configured distributed queues, distributed topics, * Indicates required fields	and stored as modules sim , foreign servers, and JMS :	ilar to standard JZEE modules. Su store-and-forward (SAF) paramet	ch resources include queues, topic ers. You can administratively conf	s, connection factories, templates, d igure and manage JMS system modul	lestination k es as globa	eys, quota, I system res	ources.
Virtual HostsWork ManagersStartup and Shutdown ClassesDeploymentsDeployments	What would you like to name your Syst * Name:	FCUBSJMSMo	dule					
How do I	What would you like to name the descr Descriptor File Name:	iptor file name? If you do n	iot provide a name, a default will b	be assigned.				
Configure IMS sustem modules	Where would like to place the descripto	or for this System Module r	elative to the ims configuration su	ih-directory of your domain?				
Configure JMS servers	Location In Domain:			b arccary or your domain.				
System Status		. 1						
Health of Running Servers	Back Next Finish Cance	el						
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/	uR2 (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 Log 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 Fnum Cancel
Domain Structure	The following properties will be used to target your new JMS system module.
AlphaDoman	Use this page to select the server or duster on which you would like to deploy this 2MS system module. You can reconfigure targets later if you wish. Targets : Servers AdminiServer SoAServer SoAServer
Configure JMS servers	Book 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 Modu	les - Messages
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soa-infra (SOA Infrastruct × FC1211QA	AR2 (Oracle Web ×	Settings for FO	CUBSJMSM	I × (a	lev_dom	ain (Oracle Web	× Summar	y of JMS Servers	< AlphaDoma	in (Oracle We	< -	e Ti			×
€ @ 10.184.135.218:7001/console/console.	.portal?_nfpb=true&_	pageLabel=JMSSy	stemModu	uleConfigG	eneralPa	ge&UMSSystemMi	duleConfigGer	n ⊽ C 8 - Goog	qle	j	2	Ê	÷	A	≡
	dministration Conso	le 12c													õ
Change Center	Home Log Ou	t Preferences 🚵	Record He	lp		Q				Welcome,	admin	Connec	ted to: /	NphaD	Domaii
View changes and restarts	Home >AlphaDom	ain >Summary of JM	S Servers >9	Summary of J	IMS Modul	es >FCUBS3MSMod	ıle								
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Messages All changes ha The JMS mode	ave been activated. ule was created suc	No restarts	s are necess	ary.										
Domain Structure	Settings for FCUE	35JMSModule													
AlphaDomain	Configuration	Subdeployments	Targets	Security	Notes										
Servers Coherence ClustersCoherence ClustersCoherence ClustersCoherence ClustersCoherence ClustersCoherence Clusters	This page display	ys general informati	on about a .	JMS system	module ar	nd its resources. It a	lso allows you to	configure new resourc	es and access exis	ting resources.					
Virtual Hosts Work Managers	Name:			FC	JBSJMSM	odule		The na	me of this JMS syst	tem module. More	Info				
Startup and Shutdown ClassesDeploymentsServicesMessaging	Descriptor File	Name: arizes the IMS resou	rces that h	jms ave been cri	/fcubsjms	module-jms.xml	tule, including a	The na	me of the JMS mod	ule descriptor file. ctories. 1MS temple	More I	nfo	sort kev	κ.	
	destination quot	a, distributed destin	nations, fore	sign servers,	and stor	e-and-forward para	meters.				,		,	- 40	
How do I 🖂 No task help found.	Customize thi	s table esources													
System Status	New Delet	te								sł	owing 0	to 0 of	0 Previo	ous Ne	lext
Health of Running Servers	🔲 Name 🊕		Туре		JND	I Name		Subdeployment			Targ	ets			
Failed (0)						Th	ere are no items	to display			10000				-
Critical (0) Overloaded (0) Warning (0)	New Delet	te								sł	owing (to 0 of	0 Previo	ous Ne	lext
OK (2)															_

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

The Settings for FCUBSJMSModule screen displays.



	dministration Console	e 12c												Q
Change Center	🙆 Home Log Out	Preferences 🐼	Record He	elp		Q			Welcome	, admi	n Con	nected to	: AlphaD	mair
View changes and restarts	Home >AlphaDomai Modules >FCUBSJM	in »Summary of JM9 15Module	S Servers >	Summary of	JMS Mod	ules > FCUBSJMSModule > S	iummary of JMS Module	ı >FCUBSJMSModule >Sı	ummary of JMS Modules >	FCUBS.	MSMod	dule >Sum	mary of JM	
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	new resources and acce	ess existing resources.					
E Clusters	Name:			FC	UBSJMS	Module		The name of this J	MS system module. Mo	e Info				
Coherence Clusters			FCUBS3MSModule jms/fcubsjmsmodule-jms.xml				The name of the JMS module descriptor file. More Info							
Virtual Hosts Work Managers Startup and Shutdown Classes	Descriptor File Na	ame: izes the JMS resou	urces that h	jm nave been ci	is/fcubsjn reated fo	nsmodule-jms.xml rr this JMS system module,	including queue and to	The name of the J	MS module descriptor file	Mor	e Info	 tion sort k	œys,	
	Descriptor File Na This page summar destination quota, Customize this Summary of Res	ame: izes the JMS resou , distributed destin table sources	urces that H nations, for	jm nave been cr eign servers	s/fcubsjn reated fo s, and sto	nsmodule-jms.xml rr this JMS system module, rre-and-forward paramete	including queue and to	The name of the J	MS module descriptor file	. Mor	e Info	 tion sort k	œys,	
	Descriptor File Na This page summar destination quota, Customize this Summary of Res New Delete	ame: izes the JMS resou , distributed destin table sources	urces that H nations, for	jm nave been ci eign servers	is/fcubsjn reated fo s, and sto	ısmodule-jms.xml r this JMS system module, re-and-forward paramete	including queue and to	The name of the Ji	MS module descriptor file	Mor lates,	e Info destina g 0 to 0	 tion sort k I of 0 Pre	eys, wious Ne	rt
How that Notice Work Managers Startup and Shutdown Classes Services Services Services How do L. No task help found.	Descriptor File Na This page summar destination quota, Customize this Summary of Res New Delete New Delete	ame: izes the JMS resou distributed destin table sources	urces that h ations, for	jm nave been o eign servers	reated for s, and sto	nsmodule-jms.xml r this JMS system module, re-and-forward paramete DI Name	including queue and to rs. Subdeg	The name of the Ji pic destinations, connec	MS module descriptor fil	Mor lates, d ihowing	e Info destina g 0 to 0 rgets	 tion sort k I of 0 Pre	evious Ne	rt
Image: Startup and Shutdown Classes Startup and Shutdown Classes Services Services Image: Startup and Shutdown Classes Services Image: Startup and Shutdown Classes System Status	Descriptor File Na This page summar destination quota, Customize this Summary of Res New Delete	ame: izes the JMS resou distributed destin table sources	Type	jm	reated fo s, and sto	rsmodule-jms.xml rr this JMS system module, rre-and-forward paramete DI Name There a	including queue and to rs. Subdeg re no items to display	The name of the 31 pic destinations, conner	MS module descriptor fil	ihowing	e Info destina g 0 to 0 rgets	tion sort k	evious Ne	đ
Work Managers Work Managers Work Managers Wark Managers Services Messaging Messaging More action No task help found. System Status Realth of Running Servers	Descriptor File Na This page summar destination quota, Customize this Summary of Res New Delete	ame: izes the JMS resou distributed destin table sources	Type	jm	reated fo	nsmodule-jms.xml r this JMS system module, r the small forward parameter DI Name There a	Including queue and to rs. Subdeg re no items to display	The name of the 31	NS module descriptor fil	Mor lates, howing	e Info destina g 0 to 0 rgets g 0 to 0	 tion sort k l of 0 Pre	evious Ne	ct t

Figure 1-32 Settings for FCUBSJMSModule

12. Click New.

The Create a New JMS System Module Resource screen displays.

soa-infra (SOA Infrastruct × FC1211Q)	AR2 (Oracle Web × Create a New	w JMS System ×	dev_domain (Or	acle Web ×	Summary of JMS	Servers 🗙	AlphaDomain (Oracle We	× +	le R			x
③ 10.184.135.218:7001/console/console	.portal?_nfpb=true&_pageLabel=Jmsi	CreateSystemModu	uleEntity&UmsCreate	eSystemModule	EntityPortlet 🛡 C	8 🔻 Google		° ☆	Ê	÷	A	≡
	dministration Console 12c										Q	
Change Center	Home Log Out Preferences	Record Help	Q	<u> </u>			Welcome, ad	nin Co	nnected	to: Alpha	Doma	in
View changes and restarts	Home >AlphaDomain >Summary of J JMS Modules >FCUBSJMSModule	IMS Servers > Summar	ry of JMS Modules >FCI	UBSJMSModule >S	Summary of JMS Module	es > FCUBSJMSM	odule »Summary of JMS Modules »F	CUBSJMS	Module	>Summary	of	
Configuration editing is enabled. Future changes wil automatically be activated as you modify, add or delete items in this domain.	Create a New JMS System Modu Back Next Finish Ca	ancel										1
Domain Structure	Choose the type of resource	you want to creat	te.									
Benvironment Benviron Benviron	Use these pages to create resour Depending on the type of resource factories, distributed queues and targetable resources with subdepl	ces in a JMS system n e you select, you are topics, foreign server loyments, which is an	module, such as queue e prompted to enter be rs, and JMS SAF desti n advanced mechanism	es, topics, templa asic information fi nations, you can i for grouping JM:	tes, and connection fa or creating the resourc also proceed to target S module resources an	actories. ce. For targetabl ting pages for se d the members t Defines a se create conn	e resources, like stand-alone queu lecting appropriate server targets to server resources. et of connection configuration para ections for JMS clients. Hore Info	es and t You car meters t	opics, co a also as: hat are u	onnection sociate used to		
	© Queue					Defines a po peer commu one consum	oint-to-point destination type, whic nications. A message delivered to er. More Info	h are us a queue	ed for as is distrib	synchrono iuted to or	us Ily	E
Configure quotas for destinations Configure JMS templates	🔊 Торіс					Defines a pu asynchrono distributed t	ublish/subscribe destination type, v us peer communications. A messag to all topic consumers. More Info.	hich are e deliver	used fo ed to a	r topic is		
Configure topics Configure queues	Distributed Queue					Defines a se which are a	t of queues that are distributed or ccessible as a single, logical queue	multiple to JMS d	JMS ser ients.	rvers, but More Info		
Configure connection factories Configure uniform distributed topics	⑦ Distributed Topic					Defines a se which are a	t of topics that are distributed on ccessible as a single, logical topic to	nultiple : JMS die	IMS serv ents. M	ers, but lore Info	•	
Configure uniform distributed queues Configure foreign servers Configure JMS SAF	🔘 Foreign Server					Defines fore that are not	ign messaging providers or remote part of the current domain. Mor	WebLog Info	gic Serve	er instance	s	
System Status	🔘 Quota					Controls the Info	allotment of system resources av	silable to	destina	tions. M	ore	
Health of Running Servers Failed (0)	Destination Sort Key					Defines a ur messages.	ique sort order that destinations o More Info	an apply	to arriv	ing		-
Critical (0) Overloaded (0) Warning (0)	🔘 JMS Template					Defines a se Info	t of default configuration settings	for multi	ple desti	nations.	More	
OK (2)	SAF Imported Destinations	•				Defines a co SAF destina instance or so that the server insta	Illection of imported store-and-forv tion is a representation of a queue cluster that is imported into the loc local server instance or cluster can nce or cluster. More Info	ard (SAI or topic al duster send me	F) destin in a rem or serv ssages	nations. A lote server er instano to the rem	e, ote	
	Remote SAF Context					Defines the	URL of the remote server instance	or duste	er 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

Citracte weblogic server no	mershabon Console 120	
Change Center	Home Log Out Preferences I Record Help	Welcome, weblogic Connected to: FC141INSTE
View changes and restarts	Home >3msAdapter >5ummary of 3MS Servers >5ummary of 3MS	1 Modules >PC&BSM5Module >PC&BSConvector/Biddury >Summary of Deployments >Summary of 345 Modules >PC&BSM5Module
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Create a New JMS System Module Resource	
Release Configuration	Connection Factory Properties The following properties will be used to identify your new o	samection factory. The current module is FOURSH95Module.
Domain Structure PC141DNSTEST	- Indicates required fields	
Environment Deployments Services	What would you like to name your new connection factory? * Name:	FCUBSConnectionfactory
Security Realms Tinteroperability Processories	What JNDI Name would you like to use to look up your new	zannection factory?
or preprinter	JNDI Name:	[ndlFCUBSConnectionfactory
	The Connection Factory Subscription Sharing Policy Subscrib	ens 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 Configure quotas for destinations	The Client ID Policy indicates whether more than one JMS co subscriptions. What Client ID Policy would you like to use?	onnection 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 outcome	A connection factory can limit the number of messages that	can queued for an asynchronous session. Should this connection factory impose a limit?
Configure connection factories	Maximum Messages per Session:	10
Configure unrorm distributed topics Configure uniform distributed queues Configure foreign servers	Should this connection factory create sessions that are JTA a	aware, and create XA queues and XA topics?
Configure JNS SAF	Should the authenticated user name be attached to sent me	essaces if the IMS destination is configured to support this behavior ?
System Status 🛛	Attach JMSX UserID	
Paied (0) Paied (0) Critical (0)	Back Next Finish Gancel	
Warning (0)		

14. Specify Name as FCUBSConnectionfactory and click Next.

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

									-
ORACLE WebLogic Server A	fministration Console 12c								9
Change Center	Home Log Out Preferences I Record Help	Q			Welcome, ad	min C	innected to	Alpha0	horma
View changes and restarts	Home >Summary of 3MS Modules >PCUBSIMSModule >Summ Modules >PCUBSIMSModule >placebalder	ary of JMS Modules > FCUBSIM	Module > PCUESConnectionfacts	ry >Summary of 3MS Mode	les >PCUBSIHSModule >	Summe	ry of JHS		
Configuration satisfy a wolked in future develops of a closed by activities in your modify, add or delete items in this domain. Domains Structure By Clusters How Clusters - Caference Clusters - Caference Clusters - Madrues - Structure - Structure	Modula: PCUESTRIMAND placeholder Create a New JHS System Hodule Resource Reck, New JHS System Hodule Resource The following properties will be used for Larget top the default targets, then did. Advanced Targeting to the following JHS module targets will be used as the default Targets I Servers	Cancel ar new 3HS system modul to this 2HS resource will be tar ase the subdeployment mecha ase the subdeployment mecha t targets for your new 3HS sy	e resource geted. The default targets are to sen for targeting this resource. teen module resource. If the me	ased on the parent 3MS s	ystem module targets. d, this resource will also	tf you d be reta	o not want	to accept	6
How do L.	SOAServer								
Configure quarter for deternations Configure 405 templates Configure 405 templates Configure testion Configure testion Configure connection factories Configure connection factories Configure uniform distributed tapecs Configure uniform distributed quarters Configure uniform distributed quarters Configure 2015 SAP	Back, Need Presh, Advanced Tageting, 4	Canot							
System Status 🛛 🔅 Health of Running Servers									
Paled (0) Critical (0) 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 Otheran Structure
 Otheran Structure
 Otherance Ousters
 Otherance Ousters
 Modifines
 Writial Hosts
 Work Managers
 Structure and Shutdown Classes
 Otherance Ousters 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.



10.184.135.218:7001/console/console	le.portal?JmsCreateSystemModuleEntityPortlet_actionOverride=/com/bea/console/actions/jms/target/nt 🔻 ⊄ 🛛 🔀 🖷 Google 🛛 🔎 😭 🖬	1 + 11	
	Administration Console 12c		C
Change Center	😭 Home Log Out Preferences 🔝 Record Help 🔍 🔍 Welcome, admin Conr	ected to: Alph	aDoma
/iew changes and restarts	Hone > Summary of JHS Modules > PCUBSJMSModule > Summary of JHS Modules > PCUBSJMSModule > PCUBSConnectionfactory > Summary of JHS Modules > PCUBSJMSModule > Summary	of JMS	
Configuration editing is enabled. Future hanges will automatically be activated as you hodify, add or delete items in this domain.	reactes a Hew Subdeployment		
omain Structure	OK Cancel		
phaDomain A	Subdeployment Properties The following properties will be used to identify your new subdeployment.		
Clusters Coherence Clusters	Subdeployment Name: FCUBS		
	OK Cancel		
Startup and Shutdown Classes			
Deployments			
⊕-Messaging			
tow 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			
Compare ans sale			
system Status 🖂			
tealth of Running Servers			
Failed (0)	1		
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 S	System × dev_domain (Oracl	e Web × Summary of JMS	Servers × Alp	haDomain (Oracle We 🗙	+	l	- 1	×
I 0.184.135.218:7001/console/console.	portal?JmsCreateSystemModuleEntityPortle	t_actionOverride=/com/bea/conso	ele/actions/jms/target/cr 🛡 C	🚷 🔻 Google	م	☆	ê ·	÷ 1	≡
	dministration Console 12c								Q ^
Change Center	🔒 Home Log Out Preferences 🔤 Reco	rd Help			Welcome, admin	Conne	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 J	MS Modules > FCUBSJMSModule >	Summar	ry of JMS		
Pending changes exist. They must be activated to take effect. You may activate them now.	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 systen	module resource						
Undo All Changes	Use this page to select a subdeployment t	to assign this system module resource.	A subdeployment is a mechanism b	oy which JMS resources	are grouped and targeted to a	server i	instance,	duster, d	r 📗
Domain Structure	module's subdeployment management pag	ge.	icate a nen subacpiormene		an nga c sabacpio yn circ ai gea		i y danig i	ine paren	
AlphaDomain	Select the subdeployment you want to use	. If you select (none), no targeting wi	l occur.						
El-Clusters □Coherence Clusters	Subdeployments:	FCUBS Create a New	Subdeployment						
Machines Virtual Hosts Work Managers	What targets do you want to assign to this	subdeployment?							
Deployments Services	Targets :								=
E-Messaging	Servers								- 11
How do I	50AServer								- 11
Configure guotas for destinations	JMS Servers								- 11
Configure JMS templates Configure destination keys	BPMJMSServer								
Configure topics Configure topics	FCUBSJM5Server								
Configure queues Configure connection factories	SOAJM5Server		_						
Configure uniform distributed topics Configure uniform distributed queues Configure finalize accurate	UMSJMSServer_auto_2								
Configure JMS SAF	Back Next Finish Cancel								
System Status									
Health of Running Servers									
Failed (0)									
Overloaded (0)									
Warning (0)									
Un (2)									-

20. Click Finish.

Two messages displays on the Settings for FCUBSJMSModule screen.



		1. 40.										78.8	C
	Home, Log Qu	ite 120	Record He	In I	9			Welcome	admi	n Cor	nected to	Alpha	Dom
the state of the s	Home >Summary	of JMS Modules >FC	UBSJMSMod	ule >Summary of	f JMS Modules > FCU	BSJMSModule > FCUBSConn	ectionfactory >Summary	of JMS Modules > FCUBSJMSMod	ule »Su	mman	of JMS		
Configuration adition is anabled. Future	Modules >FCUBS	MSModule >placehe	older										
changes will automatically be activated as you	Messages												
modify, add or delete items in this domain.	All changes h	ave been activated	No restarts	are necessary.									
Domain Structure	Connection is	actory created succ	essiony.										
NphaDomain A	Settings for FCU	BSJMSModule											
Servers	Configuration	Subdeployments	Targets	Security No	otes								
Virtual Hosts Work Managers Startup and Shutdown Classes	Name:		FCUBS.	The name of this JMS system module. More Info									
Deployments Services Messaging JMS Servers Store-and-Forward Anents	Descriptor File Name: jmsjfcubstymmodule-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 with distributed determinations.								 tion sort	œys,			
How do I 🗉]												
No task help found.	Customize the Summary of R	is table esources											
System Status 🖂	New Dele	te						s	howing	1 to 1	of 1 Pre	vious N	ext
Health of Running Servers	Name			Туре		INDI Name		Subdeployment		Targe	te		
Failed (0)	E FO RECOR	nortionFactory		Connection E	ortanu	ind/ECLIPCConnection	tao	Subdeployment	_	cupe	MEEoroo		_
Critical (0)	New Dele	te		connectorra	actor y	jiuji cobscornectoria	.cory	S	howing	1 to 1	of 1 Pre	vious N	ext

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 TMS system module, such as queues.	tonics, templates, and connection factories.
Clusters	ose trese pages to elette resources in a site system motore, such as questes,	
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	factories, distributed queues and topics, foreign servers, and JMS SAF destinat	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		
ployments	Connection Factory	Defines a set of connection configuration parameters that are used to
vices		create connections for JMS clients, More Info
Messaging		
JMS Servers	Queue	Defines a point-to-point destination type, which are used for asynchronous
Store-and-Forward Agents	1000000	peer communications. A message delivered to a queue is distributed to only
o I	1	one consumer. More Info
	Topic	Defines a publish/subscribe destination type, which are used for
figure quotas for destinations		asynchronous peer communications. A message delivered to a topic is
figure JMS templates		distributed to all topic consumers. More Info
figure destination keys		
figure topics	O Distributed Queue	Defines a set of queues that are distributed on multiple JMS servers, but
foure queues		which are accessible as a single, logical queue to JMS clients. More Info
ngure queues		
figure connection factories	O Distributed Topic	Defines a set of topics that are distributed on multiple JMS servers, but
figure uniform distributed topics		which are accessible as a single, logical topic to JMS clients. More Info
figure uniform distributed queues		
figure foreign servers	Foreign Server	Defines foreign messaging providers or remote WebLogic Server instances
		that are not part of the current domain. More Info
ngure JMS SAF		
m Status 🖂	O Quota	Controls the allotment of system resources available to destinations. More Info
of Running Servers	Destination Cost Vau	Defines a unique part adaption that destinations are under to maining
Failed (0)	U Descination Sort Rey	messages. More Info
Critical (0)	Mc Tomolata	Defines a set of default configuration estimate for autical destinations. Mare
Overloaded (0)		Info
Warning (0)		
OK (2)	SAF Imported Destinations	Defines a collection of imported store-and-forward (SAF) destinations. A
		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 duster. More Info
	Downska CAE Combank	Defense Mar 101 of Marsonada annua instance an duatas ubara a 1940
	C Remote SAF Context	destination is exported from It also contains the equitiv credentials to be
		authenticated and authorized in the remote cluster or server. More Info
	0.000	
	SAF Error Handling	Defines the action to take when the SAF service fails to forward messages to remote destinations. More Info
	(and the set frame)	
	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 S	ervers ×	AlphaDomain (Oracle	Ne ×	+	J.	- 0	*
(0 10.184.135.218:7001/console/console.	portal?JmsCreateSystemMod	uleEntityPortlet_actionOve	erride=/com/bea/cons	sole/actions/jms	/modules 🔻 C	🙁 + Google		٩	☆	é 4	۱	=
	dministration Console 12c											Q
Change Center	A Home Log Out Prefere	nces 🔝 Record Help	Q				Wel	come, adı	nin Co	nnected	to: Alpha	Doma
View changes and restarts	Home >Summary of JMS Mo Modules >FCUBSJMSModule	dules >FCUBSJMSModule >Si >placeholder	ummary of JMS Modules >	FCUBSJMSModule	> FCUBSConnectionfa	ctory >Summary	of JMS Modules > FCUBSJ7	ISModule >	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 System	m Module Resource										
Domain Structure	Back Next Finish	Cancel										
AphaDomain	JMS Destination Properties w	e <mark>rties</mark> vil be used to identify your n	ew Queue. The current r	module is FCUBSJ	MSModule.							
	* Indicates required fields	NOTICY DEST OU										
Startup and Shutdown ClassesDeployments D-Services D-Messaging	JNDI Name:	ims/NOTIFY_DEST										
	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												
Fafed (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	ll rights reserved, n and/or its affiliates. Other names	may 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	▼ C ^e Soc	ogle
DRACLE WebLogic Server Ad	ministration Console 12c		
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	2	Welcome, admin Connected to: Alpha
/iew changes and restarts	Home >Summary of JMS Modules >FCUBSJMSModule >Summary of JMS Module	s >FCUBSJMSModule >FCUBSConnectionfactory >Sur	mmary of JMS Modules » FCUBSJMSModule » Summary of JMS
configuration editing is enabled. Future hanges will automatically be activated as you nodify, add or delete items in this domain.	Create a New JMS System Module Resource Back Next Rinkh Cancel		
omain Structure			
phaDomain - Environment Servers B-Clusters Coherence Clusters Machines	The following properties will be used to target your new JHS sys Use this page to select a subdeployment to assign this system module resou SAF agent. If necessary, you can create a new subdeployment by clicking to module's subdeployment management page.	tem module resource rce. A subdeployment is a mechanism by which JMS he Create a New Subdeployment button. You c	resources are grouped and targeted to a server instance, duster, or an also reconfigure subdeployment targets later by using the parent
Virtual Hosts Work Managers Startup and Shutdown Classes Deployments Deployments	Select the subdeployment you want to use. If you select (none), no targeting Subdeployments: FCUBS Create a	g will occur. New Subdeployment	
Messaging MS Servers Store-and-Forward Anents work do I	What targets do you want to assign to this subdeployment? Targets :		
Configure quotas for destinations	JM5 Servers		
Configure JMS templates			
Configure destination keys	BPMJMSServer		
Configure topics Configure queues	FCUBSJMSServer		
Configure connection factories Configure uniform distributed topics	SOAJM55erver		
Configure uniform distributed queues Configure foreign servers	O UMSJMSServer_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 × FC1211QAF	2 (Oracle Web → ortal? nfob=true&	Settings for F		M ×	dev_dom	nain (Oracle Web 🗙	Summary of JMS Ser	rvers ×	AlphaDomain (Oracle We	× -	· 7 自			
	ministration Conso	le 12c											Q	
Change Center	🔒 Home Log Ou	t Preferences 🚵	Record H	elp		Q			Welcor	ne, admin	Connect	ted to: Al	phaDomain	
View changes and restarts	Home >Summary	of JMS Modules >FC	UBSJMSMo	dule >Summa	ary of JMS	Modules > FCUBSJMSMod	ule >FCUBSConnectionfact	tory >Summar	y of JMS Modules > FCUBSJMSM	lodule >Sun	imary of J	MS		
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Messages	ave been activated	. No restart	s are neces	sary.									
Domain Structure		ue was created suc	cessfully											
AlphaDomain	Settings for FCU	BSJMSModule											_	
EEnvironment	Configuration	Subdeployments	Targets	Security	Notes									
-Coherence Clusters Machines Virtual Hosts	This page displa	ys general informat	ion about a	JMS system	module a	ind its resources. It also	illows you to configure ne	ew resources a	and access existing resources					
Work Managers Startup and Shutdown Classes	Name: FCUBSJMSModule The							The name	The name of this JMS system module. More Info					
""Deployments B-Services D-Messaging MS Servers Styre-and-Enroward ∆nents	Descriptor File This page summ destination quoi	Name: arizes the JMS reso a, distributed desti	urces that h nations, for	jm nave been o eign servers	s/fcubsjm reated for ;, and stor	smodule-jms.xml r this JMS system module re-and-forward paramete	including queue and topi	The name	of the JMS module descriptor , connection factories, JMS te	file. More mplates, de	info stination	sort keys,		
How do I				-										
No task help found.	Customize the	s table												
Surtem Statur	Summary of R	esources												
Health of Dunning Servers	New Dele	te								Showing	l to 2 of 2	2 Previou	is Next	
Falled (0)	📄 Name 🗇			Туре		JNDI N	ame		Subdeployment	Т	irgets			
Critical (0)	FCUBSCon	nectionfactory		Connectio	on Factor	y jndi/FCL	BSConnectionfactory		FCUBS	FC	UBSJMSS	erver		
Overloaded (0)	NOTIFY_D	EST_QUEUE		Queue		jms/NO1	IFY_DEST_QUEUE		FCUBS	FC	UBSJMSS	erver		
Warning (0) OK (2)	New Dele	te								Showing	L to 2 of 2	2 Previou	is Next	
WebLogic Server Version: 12.1.3.0.0 Copyright (c) 1996,2014, Oracle and/or its affiliates. All Oracle is a registered trademark of Oracle Corporation	rights reserved. and/or its affiliates. Oth	er names may be tra	demarks of 1	their respectiv	ve owners.									


- 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 f	for JMSAdapter
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10.184.135.218:7001/console/co	onsole.por	tal?_nfpb=true&_pageLabel=AppDeploymentsControlPage	⊽ C	<u>8</u> - G	oogle	P 1	2 🖻 🕂
OK (2)		OMS Application (12.1.3.0.0)	Active	🖋 ок	Web Application	AdminServer, BAMServer, SOAServer	5
	E1	(B) []em	Active	🖋 ок	Enterprise Application	AdminServer	400
	E	⊞ E ☐FCUBSAppIUT (12, 1.0.0.0) ☐	Active	<u>()</u> Warning	Enterprise Application	SOAServer	600
			Active	🖋 ок	Resource Adapter	SOAServer	321
		1 Coffervo	Active	🖋 ОК	Enterprise Application	SOAServer	100
		FtpAdapter	Active	🖋 ок	Resource Adapter	SOAServer	325
		B GWWebServices (12.1.0.0.0)	Active	🖋 ок	Enterprise Application	SOAServer	600
		BDEWorldAdapter	Installed		Resource Adapter		333
	V	SimsAdapter	Active	🖋 ОК	Resource Adapter	SOAServer	323
		BLdapAdapt JmsAdapter, Level 1, 19 of 46	Installed		Resource Adapter		332
		[₩] QSeriesAdapter	Active	🖋 ок	Resource Adapter	SOAServer	327
	<u></u>		Installed		Resource Adapter		334
			Active	🖋 ОК	Enterprise Application	SOAServer	100
		Oracle AppsAdapter	Active	🖋 ок	Resource Adapter	SOAServer	328
		OradeBamAdapter	Installed		Resource Adapter		329
		E COradeBPMBACServerApp	Active	🖋 ОК	Enterprise Application	SOAServer	384
		E COradeBPMComposerRolesApp	Active	🖋 ОК	Enterprise Application	SOAServer	382
		E COracleBPMProcessRolesApp	Active	🖋 ок	Enterprise Application	SOAServer	381
		CradeBPMWorkspace	Active	🖋 ОК	Enterprise Application	SOAServer	383
			Installed		Resource Adapter		335
		SimpleApprovalTaskFlow	Active	🖋 ОК	Enterprise Application	SOAServer	386
		🗈 📑 soa-infra	Active	🖋 ОК	Enterprise Application	SOAServer	350

27. Select JMS Adapter.

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

View changes and restarts	Home >FC	CUBSConnectionfa	ctory >Summary of JMS	5 Modules >F	CUBSJMSMo	dule >Sum	ary of JN	15 Modul	les > FCU	BSJMSMod	lule >placeh	older >Sum	nary of Depk	oyments >Jr	nsAdag	pter >Si	ummary (st
Configuration editing is enabled. Future	Deployment	nts >JmsAdapter																
hanges will automatically be activated as you modify, add or delete items in this domain.	Settings to	or JmsAdapter																
	Overview	Deployment Pl	an Configuration	Security	Targets	Control	Testing	Mor	hitoring	Notes								
Domain Structure	General	Properties 0	utbound Connectio	n Pools	Admin Objec	ts Work	oad I	nstrumer	ntation									
Privionment Servers Coherence Clusters Machines With Hosts Work Managers	This page listed by Connecti Outbour	e displays a table connection factor ion Pool group. Cl nd Connection F	of Outbound Connecti y interface and the ine ick the name of a grou Pool Configuration T	ion Pool grou stances are p or instanc	ups and insta listed by the e to configur	nces for th r JNDI nan e it. Autom	is resour es. Expa atically g	ce adapi ind a gro eneratei	ter. The oup to ob d Connec	top level e otain config ction Pools	ntries in the guration info are not dis	table repr ormation for played in th	esent Outbo • a Connecti • table belo	und Conne on Pool inst w.	action I tance 1	Pool gro within a	oups. Gr in Outbo	und
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∃-Services ⊟-Messaging	🔲 Gr	oups and Insta	nces 🔗						Cor	nnection	Factory I	terface						
JMS Servers	Ξ	oracle.tip.adapte	r.jms.IJmsConnectionF	actory					orac	de.tip.ada	pter.jms.IJ	nsConnecti	onFactory					
End Store-and-Forward Agents		eis/activemq/Que	ue						orac	de.tip.ada	pter.jms.IJ	nsConnecti	onFactory					
ow do I	E	eis/aqjms/EDNLoc	alTxDurableTopic						orac	de.tip.ada	pter.jms.I.)	msConnecti	onFactory					
Configure outbound connection pool		eis/agjms/EDNLog	alTxTopic						orac	de.tip.ada	pter.jms.IJ	nsConnecti	onFactory					
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ystem Status	0	eis/aqjms/EDNxa	Горіс						orac	de.tip.ada	pter.jms.IJ	nsConnecti	onFactory					
ealth of Running Servers		eis/aqjms/Queue							orac	de.tip.ada	pter.jms.IJ	msConnecti	onFactory					
Exied (0)	(F)	eis/aqjms/Topic							orac	de.tip.ada	pter.jms.IJ	msConnecti	onFactory					
Critical (0)		eis/fioranomq/Top	pic						orac	de.tip.ada	pter.jms.IJ	msConnecti	onFactory					
Overloaded (0)	[27]	eis/jbossmq/Queu	ie .						orac	de.tip.ada	pter.jms.I.)	msConnecti	onFactory					
Warning (0)		eis/jms/aiaB2BQu	eueCF						orac	de.tip.ada	pter.jms.IJ	msConnecti	onFactory					
OK (2)		eis/jms/aiaErrorTo	opicCF						orac	de.tip.ada	pter.jms.IJ	msConnecti	onFactory					
	E	eis/pramati/Queu	e						orac	de.tip.ada	pter.jms.IJ	msConnecti	onFactory					
		eis/sunmq/Queue							orac	de.tip.ada	pter.jms.IJ	msConnecti	onFactory					
	<u></u>	eis/tibjms/Queue							orac	de.tip.ada	pter.jms.I.)	msConnecti	onFactory					
	0	eis/tibjms/Topic							orac	de.tip.ada	pter.jms.I.)	nsConnecti	onFactory					
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		cial mail dacar							Via	ue.up.aua	pter.jilis.tu	nsconnect	onractory					

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

soa-infra (SOA Infrastruct × FC1211QA	.R2 (Oracle Web × Create a New Outbound × dev_domain (Oracle Web	× Summary of JMS Servers ×	AlphaDomain (Oracle We ×	+			×
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	dministration Console 12c						õ
Change Center	🔒 Home Log Out Preferences 🔤 Record Help		Welcome, ad	min Conn	ected to: /	AlphaD	omai
View changes and restarts	Home »FCUBSJMSModule »placeholder »Summary of Deployments »JmsAdapter »Summary of	Deployments »JmsAdapter »Summary of De	ployments »JmsAdapter »Summary of	Deployment	s > JmsAda	pter	
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 Finish Cancel						
Domain Structure	Outbound Connection Group						
AlphaDomain	In which outbound connection group do you want to create an instance? Outbound Connection Groups						
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	orace to aspte yrs. Link. Jone ton actory Back Nex Finish Cancel		Shov	ing 1 to 1 o	of 1 Previo	ous Ne	xt
How do I Configure outbound connection pool properties							
System Status							
Heath of kunning servers Failed (0) Oritical (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	AR2 (Oracle Web × 🖉 Create a New Outbound × 👌 dev_domain (Oracle Web × 🛛 Summary of JMS Servers × 🕹 AlphaDomain (Oracle We × 🕂 🛀	
C @ 10.184.135.218:7001/console/console	s.portal?ConnectorCreateOutboundConnectionPortlet_actionOvernide=/com/bea/console/actions/conn 🤍 😋 👔 - Google 🖉 🎝 🏠 🖨 🦊	↑ Ξ
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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 Finish Cancel	
Domain Structure	JNDI name for Outbound Connection Instance	
AlphaDomain	Enter the JNDI name that you want to use to obtain the new connection instance * Indicates required fields	
Coherence Clusters Machines Virtual Hosts Work Managers Startup and Shutdown Classes	The Outbound Connection instance represents a connection pool. The JNDI name can be used to obtain the pool at runtime. 성원 * JNDI Name: eis/Queue/Notif	
Deployments Services Hessaging With Servers Servers Store-and-Ensward Agents	Back Net Rnish 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. / Oracle is a registered trademark of Oracle Corporatio	an An and/or its affliates. Other names may be trademarks of their nepective 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.

Lei-Ousters Coherence Clusters Machines Virtual Hosts	Isted by connection factory interface and the instances are listed by their JNDI names. Connection Pool group. Click the name of a group or instance to configure it. Automatic Outbound Connection Pool Configuration Table	Expand a group to obtain configuration information for a Connection Pool instance within an Outbound ally generated Connection Pools are not displayed in the table below.
Work Managers Startup and Shutdown Classes	New Delete	Showing 1 to 1 of 1 Previous N
Deployments	Groups and Instances 🔅	Connection Factory Interface
···· JMS Servers	oracle.tip.adapter.jms.IJmsConnectionFactory	oracle.tip.adapter.jms.IJmsConnectionFactory
I IStore-and-Forward Agents	eis/activemq/Queue	oracle.tip.adapter.jms.IJmsConnectionFactory
iow do L 🗉	eis/agims/EDNLocalTxDurableTopic	oracle.tip.adapter.jms.IJmsConnectionFactory
Configure outbound connection pool properties	eis/aqjms/EDNLocalTxTopic	oracle.tip.adapter.jms.IJmsConnectionFactory
properves	eis/aqjms/EDNxaDurableTopic	oracle.tip.adapter.jms.IJmsConnectionFactory
System Status	eis/aqjms/EDNxaTopic	oracle.tip.adapter.jms.IJmsConnectionFactory
Health of Running Servers	eis/agims/Queue	oracle.tip.adapter.jms.IJmsConnectionFactory
End (0)	eis/aqims/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/aiaB2BQueueCF	oracle.tip.adapter.jms.IJmsConnectionFactory
OK (2)	eis/jms/alaErrorTopicCF	oracle.tip.adapter.jms.IJmsConnectionFactory
	eis/pramati/Queue	oracle.tip.adapter.jms.IJmsConnectionFactory
	eis/Queue/Notif	orade.tip.adapter.jms.IJmsConnectionFactory
	eis/sunmq/Queue	oracle.tip.adapter.jms.IJmsConnectionFactory
	eis/tibjms/Queue	oracle.tip.adapter.jms.IJmsConnectionFactory
	eis/tibjms/Topic	orade.tip.adapter.jms.IJmsConnectionFactory
	eis/tibjmsDirect/Queue	orade.tip.adapter.jms.IJmsConnectionFactory
	eis/tibjmsDirect/Topic	oracle.tip.adapter.jms.IJmsConnectionFactory
	eis/webspheremg/Queue	orade.tip.adapter.jms.IJmsConnectionFactory
	eis/wls/EDNLocalTxDurableTopic	orade.tip.adapter.jms.IJmsConnectionFactory
	eis/wls/EDNLocalTxTopic	oracle.tip.adapter.jms.IJmsConnectionFactory
	eis/wls/EDNxaDurableTopic	oracle.tip.adapter.jms.IJmsConnectionFactory
	eis/wls/EDNxaTopic	oracle.tip.adapter.jms.IJmsConnectionFactory
	eis/wls/Queue	oracle.tip.adapter.jms.IJmsConnectionFactory
	eis/wls/Topic	oracle.tip.adapter.jms.IJmsConnectionFactory
	New Delete	Showing 1 to 1 of 1 Previous N

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.ti	p.adapter.jm	ns.IJmsConnectionFactory

	portal?_nfpb=	=true&_pageLa	bel=Connect	orOutboundCon	nectionConfigPro	pertiesPage	&ConnectorOu 🔻 C 🚺 - Go:	ogle	P	☆	ê 4	F 🕆	F F
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View changes and restarts	Home >Jn Deployme	nsAdapter >Sumn ents >JmsAdapte	nary of Deployr	ments >JmsAdapter :	»Summary of Deploy	ments >Jms/	idapter »Summary of JMS Modules »HCI	JBSJMSModule >Summary of JMS /	Modules >	Summar	'y of		
Configuration editing is enabled. Future changes will automatically be activated as you	Settings f	or oracle.tip.a	dapter.jms.J	DmsConnection	Factory								
modify, add or delete items in this domain.	General	Properties	Transaction	Authentication	Connection Pool	Logging							
Domain Structure													
AlphaDomain	This pag	e allows you to	view and modif	fy the configuration	n properties of this o	outbound co	nnection pool. Properties you modify h	ere are saved to a deployment pl	lan.				
Servers	Outbou	nd Connection	Proportion										
Clusters Contract Clusters	Outbour	10 Connection	Propercies										
Coherence clusters	Save	1							Show	ng 1 to	7 of 7 Pr	revious 1	Nex
Virtual Hosts Work Managers	Proper	ty Name 🗠		Pre	operty Type		Property Value	Supports Dynamic	: Update	:5			
Startup and Shutdown Classes	Acknowl	ledgeMode		jav	a.lang.String	_	AUTO_ACKNOWLEDGE	false	-				_
Services	Connect	bonFactoryLocal	aon	jav	a.lang.String		jndi/FCUBSConnec	false					
	Factory	Properties		jav	a.lang.String	_		false					_
Store-and-Enrward Anents	IsTopic			jav	a.lang.Boolean		false	false					
How do I 😑	IsTransa	acted		jav	a.lang.Boolean		false	false		_			
Configure outbound connection pool	Passwor	.d		jav	a.lang.String			false					
properties	Usernan	ne		jav	a.lang.String			false					
System Status	Save								Show	ing 1 to	7 of 7 Pr	revious	Nex
Health of Dunning Servers													
													-
Failed (0)	1												
Overloaded (0)	1												
Warning (0)	1												
	4												



34. Click on Save.

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

5 10.184.135.218:/001/console/consol	le.portal?_nfpb=true	e&_pageLab	el=Connecte	orOutboundCon	nectionConfigProp	ertiesPage&ConnectorOu 🔻 C 🛛 🚺 🕶 Goo	ogle
ORACLE WebLogic Server	Administration Con	nsole 12c					
Change Center	Home Log	Out Prefere	nces 🚵 Re	cord Help	٩		Welcome, admin Connected to: AlphaDo
View changes and restarts	Home >JmsAda	lapter »Summa »ImsAdanter	ary of Deployn	nents >JmsAdapter	»Summary of Deploy	ments »JmsAdapter »Summary of JMS Modules »FCL	JBSJMSModule >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	es have been a	activated. No	restarts are nece	ssary.		
Domain Structure	Deploymer O Remember	ent plan has be er to update y	een successfu vour deployme	illy updated. ent to reflect the r	new plan when you a	re finished with your changes.	
Environment	Settings for o	oracle.tip.ada	apter.jms.I	ImsConnection	Factory		
ClustersCoherence ClustersMachinesVirtual Hosts	General Pr This page allo	ows you to vie	Transaction ew and modif	Authentication y the configuration	Connection Pool	Logging utbound connection pool. Properties you modify he	ere are saved to a deployment plan.
Work Managers Startup and Shutdown Classes Deployments	Outbound C	Connection P	Properties				
⊢-Work Managers −-Startup and Shutdown Classes −Deployments ⊖-Services ⊖-Messaging	Outbound Co Save Property N	Connection F	Properties	Prop	erty Type	Property Value	Showing 1 to 7 of 7 Previous Nex Supports Dynamic Updates
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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

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9-Colusters Coherence Clusters Nachnes Virtual Hosts Vork Managers Vork Managers Vork Managers Vork Managers Vork Managers	Dep	stas a new appscation or moque tor deployment to targets in this dom tomize this table loyments tai ↓ Oddra ↓ Delete ↓ Start ↓ ↓ Stop ↓ ↓	NN, CHOK THE INSTAN DUTTON.			Showing 1 to 46	of 46. Previous I
- Messaging - Mis Servers	100	Name 🌣	State	Health	Туре	Targets	Deployment O
low do I	100	AqAdapter	Prepared	🛩 ок	Resource Adapter	SOAServer	324
Install an enterprise application	123	III []	Prepared	🛩 ок	Enterprise Application	SOAServer	313
Update (redeploy) an enterprise application	123	⊞BamComposer	New		Enterprise Application	BAMServer	500
Application Monitor the modules of an enterprise	623	BamCQService	New		Enterprise Application	BAMServer	300
application Deploy EJB modules	1223	■ FaBamServer	New		Enterprise Application	BAMServer	400
Install a Web application	123	■ Composer	Active	🛩 ок	Enterprise Application	SOAServer	385
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36. Click **Update**.

The **Update Application Assistant** screen displays.

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OK (7)																					

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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Figure 1-54 Outbound Connection Pool

3. Click New.

The Create a New Outbound Connection screen displays.

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AlphaDomain B-Environment Deployments B-Services	Enter the JNDI name that you want to use to obtain the new connection instance * Indicates required fields					
Security Realms ⊕ -Interoperability ⊞ -Diagnostics	The Outbound Connection instance represents a connection pool. The JNDI name can be used to obtain the pool at runtime.					
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Health of Running Servers						
Failed (0) Critical (0) Overloaded (0) Warning (0) CK (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.

hange Center	Home Log Out Preferences	Record Help	Welcome, weblogic Connected to: bifoundation_domai
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No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Settings for myrealm Configuration Users and Grou	Roles and Policies Credential Mappings Providers Migration	
Release Configuration	This page displays information at Some results are not displayed by Customize this table	out each user that has been configured in this security realm. cause there are too many matches. Please customize this table to specify	more specific criteria.
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	11111RM_4	RM	FCJCustomProvider
	112233	Default Admin User 10	FCJCustomProvider
łow do I	121212	Default Admin User 10	FCJCustomProvider
Manage upper and groups	123456	SANKER GS	FCJCustomProvider
Create users	141414	Default Admin User 10	FCJCustomProvider
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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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- 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.

Figure 1-59	Add Principal
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- 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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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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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

lg⊫arm ▼ G5 (opology	htfoundation1202 de	and the set					Longed in se weblog
Farm_bifoundation 1203_domain	WebLogic Domain -	main @					Page Refreshed Jun 4, 2015 8:16:52 PM IST (
E Domain	Application Policies > Create Ap	plication Grant					
🗄 📑 bifoundation1203_dom	Create Application Gran	it					OK Cancel
AdminServer	Application Stripe obi						
E L bi_cluster	Grantee						
🗄 🛄 Business Intelligence	Select the grantees (user, grou	up or application role) you want to ac	Id to the policy.				
🗄 🚞 Metadata Repositories	👍 Add 🛛 💥 Delete						
	Name	Display Name	Туре	Descript	ion		
	No users or groups added.	Add Principal					
		Specify criteria to search and s	elect the application roles that you	want to grant permiss	ions to.		
		Туре	Application Role 💌				
	Permissions	Principal Name	Starts With 💌				
	The second second second	Display Name	Starts With 💌	0			
	📌 Add 🧷 Edit 💥	Searched Principals	Louise contro land				
	Permission Class	Principal	Display Name	Description		Resource Type	Permission Actions
	No permissions added.	BISystem	BI System Role				
		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				
				OK	Cancel		
				the second se			

- 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

ar: narm ♥ are ropology						
I •	ELCM121MAT					Logged in as infi
7 📑 Farm_ELCM121MAT	🔠 WebLogic Domain 👻				Page Refreshed	Dec 10, 2014 4:15:06 PM IST
V 🔄 WebLogic Domain	Application Policies > Create Application Gran	r.				
V 📑 ELCM121MAT	Create Application Grant					OK Cancel
AdminServer	Application Stripe obi					
▷ ৣ bi_duster	Grantee					
Essbase Servers	Select the grantees (user, group or applic Add 🛛 💥 Delete	ation role) you want to add to the polic	у.			
🗁 🚞 Metadata Repositories	Name	Display Name	Туре	Description		
	ALLROLES	ALLROLES	Application Role	ALLROLES		
	Permissions Add Edt 💥 Delete					h an
	Permissions ♣ Add	-	Resource Nam	e	Resource Type	Permission Actions
	Permissions Permission Parmission Class oracle.security.jps.ResourcePermission oracle.security.ps.resourcePermission	1	Resource Nam oracle.bi.public	e sher.runReportOnline her.acceseBenortOutput	Resource Type oracle, bit, 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	~	0	Administration	∎ Help v	Sign Out 읻
Administration		Home Catalog	New	- 📔 Open 🗸	Signed In	As weblogic ∽
Data Sources Dif Connection HDIC Connection File LIAP Connection v CLAP Connection	System Maintenance Sever Configuration Scheduler Configuration Scheduler Degroatics Report Viewer Configuration					
Security Center Security Confouration Robes and Permissions	Runtime Configuration Properties Fond Mappings Currency Formats					
Delivery Pekery Configuration Printer Prix Pr	Integration Oracle Effectention Services Oracle Endeca					
Orade 81 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

ORACLE	BI Publisher Ent	erprise	Search All	~		Iministration Help ~	Sign Out 🔍
Catalog				Home Catalog	Sew ~ 🖻	Open 🛩 🛛 Signed In	As weblogic~
9 ~ 19 😒 🚱 😹	L 🗀 🖿 🗶 🛠 🗸	Location /Shared Folders/#CReports	•				3
Folders	atest (1997)	ratio Last Modified 3/13/14 1:28 PM Created By weblogic Open Schedule Jobs Job History Edit Morey					
My Folders Shared Folders	[=]	ratio Last Modified 3/13/14 1:26 PM Created By weblogic					
E Components		Edit More~					
E Greeports							
	1						
Tasks							
FCReports							
Expand 🛛	P Upload						
X Delete	Download						
In Paste	Rename						
and the second s	Description						
Permissions (g	a Properces						

16. Click **Permissions** under the **Tasks**.

The **Permissions** pop-up displays.



DRACLE BI Publis	her Enterprise			Search Al	~	Ø	Administration	i Help ∽	Sign Out 🧲
atalog					Home Catalog	New 🗸	📔 🔁 Open 🗸	Signed In A	\s weblogic∨
· • • • 2 • ¥ ⊡ 1 ×	😵 🗸 🛛 Location /Shar	ed Folders/FCReports	•						(
E Folders	ratio Last Mod	ified 3/13/14 1:28 PM Created By weblogic							
My Folders Shared Folders	ratio Last Mod	ified 3/13/14 1:26 PM Created By weblogic							
E Components	Edit Morev								
FCReports Samples									
	Permissions					×			
	Location /FCReports								
	Apply permission	ons to items within this folder							
	Role Name	Read	Vrite Delete	Run Report Online Sched	ule Report View Report Output				
						-			
	Help				OK Cancel				
		Add Roles							
		Leaster (CD-seate							
		Available Roles		Selected Roles					
				Deles					
		Name		AUDOLES					
		Search		ALLROLES					
	•	Roles		-					
		BI Administrator Role	8	1					
		BI Author Role	Move]					
		BI Consumer Role	Move All	-					
		BI System Role	Remove	_					
		Manager	38						
		NormalUser	Remove All	1					
🗉 Tasks									
FCReports									
Expand Pownload									
Copy									
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	terprise		Search All	×	Ø	Administration	Help ~	Sign Out	0
Catalog					Home Catalog	New ~	🚞 Open ~	Signed In A	s weblogi	с~
Folders Folders My Polders Shared Polder Componen E CReport Samples	*	Container, //Shared Folders//FCRaports entre (Last Modified 3/13/14 20 PM Created By weblogic Open ISchedule (Jobis / Job Hotory / Edit (Moree- ratto, Last Modified 3/13/14 3/26 PM (Created By weblogic undefined Edit (Moree-	*							0
		Permissions Location /PCRept Is Bole Annue ALROUES	ead Write	Delete Bun Record	1 Oojon Schudde Baser Liver, R Ook	cort Output]			
Tasks FCReports Formation Conv Premissions	Upload Download Cut We Rename ass Properties Export NLIPF									

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 using http://server:port/xmlpserver.
- 23. Click Administration.

The Administration screen displays.

Figure 1-68 Administration

Data Sources	
Security Configuration • Security Configuration • Digital Signature Delivery • Delivery Configuration • Prop • Curre • Curre • Delivery Configuration • Prop • Curre • Curre • Prof • Curre • Prof • Curre • Prof • Curre • Prof • Curre • Prof • Curre • C	Maintenance Configuration Jer Configuration Jer Dagnostics Viewer Configuration
Delvery Configuration • Delvery Configuration • Fax • Email • WebDAV • HTTP • CUPS Server	: Configuration ties lappings cy Formats
	ion BI Presentation Services
Inder Data Sources, click JDBC Connection.	



		Search All	Home Catalog 🔮 New	Cigned I	
ministration			Horne Catalog	Open V Signed 1	TAS WEDIOG
ministration > JDBC					
ata Sources IDBC JNDI File LDAP	OLAP				
Add Data Source	© Previo	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	ous 1-10 of 16 💌 <u>Next 6</u> 🧿			
Add Data Source	③ Previo	bus 1-10 of 16 💌 <u>Next 6</u> 🔊			

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.

RACLE BI Publisher Enterprise	Search All	×	0	Administratio	n Help →	Sign Out
dministration		Home	Catalog 🧕 New 🗸	🤁 Open 🗸	Signed In /	\s weblogic
dministration > 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 Ser	ver Database Conn	ection.			
* Data Source Name	FCSOA					
* Driver Type	Oracle 11g					
* Database Driver Class	oracle.jdbc.OracleDriver					
* Connection String	(Example: oracle.jdbc.OracleDriver)	-				
Connection String	jdbc:oracle:thin:@//ofss222/83.in.oracle.com:1521/FCUBSDEV121					
Line Surfam Lines						
* Username	DEV12C SOATNERA					
Password	••••					
Pre Process Function						
Post Process Function						
	Use Proxy Authentication					
	Test Connection					
Rackup Data Source						
backup baca source						-
TTO To such a second to a body or data second allocated at	- Use Realize Date Course shallbe and aske the assessment	Non Information				
· III I o enable access to a backup data source, please check in	e use backup bata source checkbox and enter the necessary connec	don mormadon.				
	Use Backup Data Source					
Connection String		-				
Username						
Password						
	Test Connection					

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		s	earch All	~		Ø	Administratio	n Help v	Sign Out
Administration				Home	Catalog	New 🗸	📔 🔁 Open 🗸	Signed In /	As weblogi
Use System Use = Username Passwor Pre Process Function Post Process Function	Use Proxy Authentication		.1						
Backup Data Source									
✓TIP To enable access to a backup data source, please check Connection String Username Password	the Use Backup Data Source ch Use Backup Data Source	ackbox and enter the nec	essary connecti	on information					
Security									
Allow Guest Access	Avalable Roles BI Administrator F BI Author Role BI System Role FCUBS Consumer	role Role Role Rome Remove All S Remove All Remove All	Allowed Roles ALLROLES						

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	🟦 Home Log Out Preferences 🔤 Record Help	Q	We	Icome, weblogic Connected to: dev
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				
ev_domain	This page displays a list of Java EE applications and stand-alone started, stopped, updated (redeployed), or deleted from the or	application modules that have been Iomain by first selecting the applicat	installed to this domain.	Installed applications and modules can l controls on this page.
Environment Deployment	To instal a new application or module for deployment to burge	r in this domain, click the Install but	***	
Services	To install a new application of module for deployment to target	s in this domain, tick the bistal but		
Security Real Deployments, Level 1, 2 of 6, Sel	ected			
Interoperability Diagnostics	P Customize this table			
	Deployments			
	Install Update Delete Start v Stop v			Showing 1 to 47 of 47 Previous
	🔲 Name 🚕	State	Health Type	Targets Deployment Or
	AqAdapter	Active	✓ OK Resource Adapter	soa_server1 324
low do I E	E Eb2bul	Active	OK Enterprise Application	soa_server1 313
Configure an enterprise application			Enterprise	
Update (redeploy) an enterprise application	BamComposer	Active	OK Application	bam_server1 500
Start and stop a deployed enterprise application	B BamCQService	Active	OK Enterprise Application	bam_server1 300
Monitor the modules of an enterprise application	BamServer	Active	✓ OK Enterprise Application	bam_server1 400
Deploy EJB modules Install a Web application	BPMComposer	Active	OK Enterprise Application	soa_server1 385
ystem Status E	Coherence-transaction-rar	Active	✓ OK Resource Adapter	AdminServer, bam_server1, 100 soa_server1
lealth of Running Servers	CoherenceAdapter	Installed	Resource Adapter	331
Critical (0)	DbAdapter	Active	✓ OK Resource Adapter	soa_server1 322
Warning (0)	Default ToDo TaskFlow	Active	✓ OK Enterprise Application	soa_server1 314
OK (3)			100.0	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

hange Center	Home Log) Out Prefere	ences 🛃 Record H	elp		Q					Nelcome, we	eblogic	Connected to: dev_do
fiew changes and restarts	Home >Summar	ry of Deployme	nts >BamComposer >Su	mmary of Deploy	ments >Ba	mCompos	er						
Configuration editing is enabled. Future	Settings for B	amCompose	r										
hanges will automatically be activated as you nodify, add or delete items in this domain.	Overview	eployment P	an Configuration	Security	Targets	Control	Testing	Monitoring	Notes				
omain Structure	Application	Workload	Instrumentation										
ev_domain B- Environment	Save												
Deployments B- Services Security Realms	This page de	escribes the c	onfiguration informati	on that is curr	ently defin	ed in the o	deployment	plan for the	selected	module	or component	τ.	
Ð-Interoperabilty Ð-Diagnostics	Session cool	kies max age	(in seconds):	-1				Th ex pe	ie life spa pires on t rsist until	n of the he client the clier	session cooki . The value '-: tt's browser s	e (in sec l' indicat huts dov	onds) after which it es that the cookie will m. More Info
	Session Inva	lidation Inte	erval (in seconds):	60				Th do an	ie time (ii ing house d deletini	second cleaning the old	s) that WebL g checks for t sessions and	ogic Sen imed-out freeing i	ver waits between and invalid sessions, up memory. More Info
low do I 🗉	Session Time	eout (in seco	onds):	3600				Th	e amoun ictive bef	t of time ore it is i	(in seconds) nvalidated.	that a se fore Info	assion can remain
Create a deployment plan Update a deployment plan	🔲 Debug Er	abled						En	able debi	ugging in	formation for	this sess	ion More Info
Start and stop a deployed enterprise application	Maximum in-	memory Se	sions:	-1				Th '-1	e maximu ' indicate	im numb s that th	er of sessions ere is no limit	to retai	n in memory. The value
Configure an enterprise application Target an enterprise application to a server	Monitoring /	Attribute Na	me:					Sp se th	ecifies th ssion info	e name (mation,	of a session at For example, attribute is qu	tribute v if this va	which is tagged with ue is set to username, d to be unique. More
ystem Status								Int	Fo	CITION INC.	accionce o ge		to be and at. Hore
ealth of Running Servers	Save												
Failed (0)													
Critical (0)													
Warning (0)													
OK (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 >BamComp	iser >Summary	of Deployment	s >BamCo	mposer
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	Fargets Contro	Testing	Monitoring	Notes	
Domain Structure	Save							
tev_domain	Use this page to view the plan, and so on. The table name of the module to vie	general configuration at the end of the pa w and update its con	of an enterpi ge lists the m figuration.	ise application, s odules (such as	uch as its nar Neb applicati	ne, the physic ons and EJBs)	al path to that are	the application files, the associated deployment contained in the enterprise application. Click on the
 Interoperability Diagnostics 	Name:	BamComposer				The	e name of	this enterprise application. More Info
	Path:	/ scratch/ app/ fn BamComposer. ea	nw12c/ Middle r	ware/ soa/ bam	applications	The Adr	e path to ministratio	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	plan/ The Adr	e path to ministratio	the deployment plan document on the n Server. More Info
How do I 🖂	Staging Mode:	nostage				Spe on are	ecifies whe the Admir a during a	ether a deployment's files are copied from a source histration Server to the Managed Server's staging pplication preparation. More Info
application Configure an enterprise application Create a deployment plan Tagget an enterprise application to a server	Plan Staging Mode:	(not specified)				Spe from Ser	ecifies when masource ver's stag	ether an application's deployment plan is copied e on the Administration Server to the Managed ing area during application preparation. More Info
Target an enterprise application to a server Test the modules in an enterprise application	Security Model:	DDOnly				The mo	e security dule. Mo	model that is used to secure a deployed re Info
System Status	🛃 Deployment Order:	500				An rela stai	integer va tive to ot tup. Mo	slue 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:					A s wh Thi cali App the	tring value en deploy s principal ng out int plicationLif n the and	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 ecycleLaterier. If no principal name is specified, nymous principal will be used. More Info
	Save Modules and Component	s						

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

chara carbo	A H	ame Log Out Preferences 🐼 Record Help	0		We	loome, weblogic	Connected to: dev. dor
Change Center	Home	>Summary of Deployments >BamComposer, >Summary of Deployments	nts StamComposer Symmary of Denk	numents >R	amComposer >5	ummary of Deploy	ments
View changes and restarts	0		une s manufacilitates is namenia I at matic	a fonan ina in a	an	annuar f or a chiof	
Configuration editing is enabled. Future changes will automatically be activated as you	Summ	ary or Depioyments					
modify, add or delete items in this domain.	Cont	rol Monitoring					
Jomain Structure	The	sees disclose a list of two PP analysis and should also	enterting and day that have been	in stalled 4	a this downin	Testaled an India	as and modules are be-
ev_domain	star	ted, stopped, updated (redeployed), or deleted from the d	prication modules that have been omain by first selecting the application	tion name	and using the	controls on this pa	ge.
the Environment	To	nstall a new annikation or module for deployment to target	in this domain, click the Install hu	tton			
D-Services		istal a new application of module for acpositione to darget		com			
- Security Realms	D Cur	tomize this table					
Diagnostics	p cus						
	Dep	loyments					
	In	tall Update Delete Start v Stop v				Showing 1 to 4	7 of 47 Previous Next
	2	Name 🙈	State	Health	Туре	Targets	Deployment Order
	23	aqAdapter	Active	🛩 ок	Resource Adapter	soa_server1	324
How do I 🗉	13	E Rb2bui	Active	🛩 ок	Enterprise	soa_server1	313
Install an enterprise application		-0			Cotomica		
Lindate (redenicy) an enterprise application		BamComposer	Active	S OK	Application	bam_server1	500
Start and stop a deployed enterprise application		I CBamCQService	Active	🛩 ок	Enterprise Application	bam_server1	300
 Monitor the modules of an enterprise application 	13	(*) BamServer	Active	🛩 ок	Enterprise Application	bam_server1	400
Deploy EJB modules Install a Web application	13	III CoBPMComposer	Active	🛩 ок	Enterprise Application	soa_server1	385
Surtan Statur	10	a coherence-transaction-rar	Active	🖉 ок	Resource	AdminServer, bam_server1,	100
system status		8			Adapter	soa_server1	
Failed (0)	23	G CoherenceAdapter	Installed		Resource Adapter		331
Critical (0)		👸 DbAdapter	Active	🖋 ок	Resource Adapter	soa_server1	322
Warning (0)	13	Default ToDo TaskFlow	Active	🖋 ок	Enterprise Application	soa_server1	314
					1.0000000000000000000000000000000000000		

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.



U10.184.135.218:/001/console/console.p	ortal?_nf	ob=true&_pageLabel=AppDeploymentsControlPage	⊽ C	8 - G	oogle	P 7	2 自 🖶	♠
	ninistrat	on Console 12c						
hange Center	Ho Ho	me Log Out Preferences 🔤 Record Help				Welcome, admin	onnected to: Alpl	haDo
ew changes and restarts	Home	»Summary of Deployments »JmsAdapter »Summary of Deployments »JmsAdapter	>Summary of JMS Modules >Fi	UBSIMSMod	ule >Summary of JI	15 Modules >Summary of		
afguration adition is enabled. Future	Deplo	ments >3msAdapter >Summary of Deployments						
ingeration equiligits enabled. Future	Messa	Jes						
dify, add or delete items in this domain.	I A	changes have been activated. No restarts are necessary.						
main Structure	s Si	lected Deployments were updated.						
aDomain	Summ	ary of Deployments						
Environment	Garren							
Servers	Conti	ol Monitoring						
-Clusters =								
Coherence Clusters	This	and the last of the of the second standard shared shared and the second standard s	a share have been to shall a sh	ta deservita T	entelle disardere Pro-	a sead as address and has about		24
Machines	This	page displays a list of Java EE applications and stand-alone application module	s that have been installed to t	nis domain. I	nstalled application	s and modules can be started	i, stopped, updat	ed
Virtual Hosts	(red	ployed), or deleted from the domain by first selecting the application name an	d using the controls on this pa	ge.				
Work Managers	Tele	atall a new application or much in far deployment to taxante in this domain while	the Testal buttee					
Startup and Shutdown Classes	101	stal a new application or module for deployment to targets in this domain, close	the Install button.					
Deployments								
Convine	8							
D Massaire	Cus	comize this table						
Ermessagng								
JMS Servers	Depl	pyments						
Store-and-Enrward Agents		and an						
w do L	Ins	al Update Delete Start v Stop v				Showing 1 to 46	of 46 Previous	Ne:
Install an enterprise application		Name 🔅	State	Health	Туре	Targets	Deployment C)rder
Configure an enterprise application					Resource	and the strength	terr in co	
Jpdate (redeploy) an enterprise application		2 AqAdapter	Preparec	✓ ОК	Adapter	SOAServer	324	
Start and stop a deployed enterprise		E mit first	Duran	all ov	Enterprise	00000000	212	
application		C COSCI	Preparec	V UK	Application	SUASErver	515	
Monitor the modules of an enterprise					Cohemater			
application	0	E BamComposer	New		Angliaghan	BAMServer	500	
Deploy EJB modules					Application			
Install a Web application	1000	E BarrCOService	D.C.		Enterprise	PAMCanan	200	
a source of philosophica point	0	to Loomedoe vice	New		Application	DAMSERVER	300	
	1				Enterning			-
stem Status 🖂		BamServer	New		Application	BAMServer	400	
1111 (1111) (111			0.596		Application	Approximent and an a	- and a second	
	1.1.1			and out	Enterprise			
alth of Running Servers	1000	C April Composer		V OK	Application	SUAServer	385	
alth of Running Servers			Active	200	Application			
Failed (0)			Active	7.12				
Pailed (0) Critical (0)		Coherence-transaction-rar	Active	✓ ок	Resource	AdminServer, BAMServer,	100	
Ith of Running Servers Failed (0) Critical (0) Overloaded (0)		Coherence-transaction-rar	Active	∉ ок	Resource Adapter	AdminServer, BAMServer, SOAServer	100	
Ith of Running Servers Failed (0) Critical (0) Overloaded (0)		Coherence-transaction-rar	Active	≪ок	Resource Adapter Besource	AdminServer, BAMServer, SOAServer	100	
Faled (0) Critical (0) Overloaded (0) Warning (0)		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Active Active Installed	∉ок	Resource Adapter Resource Adapter	AdminServer, BAMServer, SOAServer	100 331	
Failed (0) Critical (0) Overloaded (0) Warning (0) O(c (2)		Coherence-transaction-rar CoherenceAdapter	Active Active Installed	≪ ок	Resource Adapter Resource Adapter	AdminServer, BAMServer, SOAServer	100 331	
Faled (0) Critical (0) Overloaded (0) Warning (0) Ok (2)		coherence-transaction-rar CoherenceAdapter Dhadapter	Active Active Installed	₽ ок	Resource Adapter Resource Adapter Resource	AdminServer, BAMServer, SOAServer	100 331	
Paled (0) Paled (0) Critical (0) Overfoaded (0) Warning (0) Ok (2)		≥ coherence-transaction rar ≥ CoherenceAdapter ≥ DbAdapter	Active Active Installed Active	✓ ок✓ ок	Resource Adapter Resource Adapter Resource Adapter	AdminServer, BAMServer, SOAServer SOAServer	100 331 322	
Faled (0) Critical (0) Overloaded (0) Warning (0) OK (2)		i coherence-transaction-rar coherenceAdapter DbAdapter	Active Active Installed Active	 ✓ ок ✓ ок 	Resource Adapter Resource Adapter Resource Adapter	AdminServer, BAMServer, SOAServer SOAServer	100 331 322	
Failed (0) Pailed (0) Critical (0) Overloaded (0) Warning (0) OK (2)		coherence-transaction-rar coherenceAdapter DbAdapter mpcefaultToDotad#flow	Active Active Installed Active Active	 ✓ ок ✓ ок ✓ ок 	Resource Adapter Resource Adapter Resource Adapter Enterprise	AdminServer, BAMServer, SOAServer SOAServer SOAServer	100 331 322 314	
Falled (0) Critical (0) Overloaded (0) Warning (0) Ock (2)		Coherence-Itansaction rar CoherenceAdapter DbAdapter DDbAdapter DDpEfaultToDoTaskFlow	Active Active Installed Active Active	 ✓ ок ✓ ок ✓ ок 	Resource Adapter Resource Adapter Resource Adapter Enterprise Application	AdminServer, BAMServer, SOAServer SOAServer SOAServer	100 331 322 314	

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.

	Au	a Las Out Performent Ind Period Help				Welcome admin	and the AlabaDee
Change Center	UL Pion	e Log Out Preferences Log Record Hep	<u>a</u>			weicome, admin	onnected to: Alphabol
View changes and restarts	Home > Deploys	BamComposer > Summary of Deployments > BamComposer ments >/bam/composer > Summary of Deployments	>Summary of Deployments >BamComposer >Summa	ry of Deployn	ients >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	Contro This p (rede; To ins	Monitoring age displays a list of Java EE applications and stand-aloo loyed), or deleted from the doman by first selecting th tall a new application or module for deployment to targe	ne application modules that have been installed to the application name and using the controls on this part is in this domain, click the Install button.	his domain. I ge	nstalled application	s and modules can be starte	d, stopped, updated
Deployments Services Security Realms Interoperability Tolamostics	Deplo	omize this table yments sli Update Delete Start op v				Showing 1 to 48	of 48 Previous Nex
tow do I	0	Name 🗟 Servicing all equests	State	Health	Туре	Targets	Deployment Order
Install an enterprise application Configure an enterprise application		AqAdapter	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		T BamComposer	Prepared	≪ ок	Enterprise Application	BAMServer	500
Deploy E38 modules	8	EBamCQService	Active	🖋 ОК	Enterprise Application	BAMServer	300
Install a Web application		BamServer	Active	У ОК	Enterprise Application	BAMServer	400
ystem Status 🖂			Active	≪ ок	Enterprise Application	SOAServer	385
Faled (0)		coherence-transaction-rar	Active	« ок	Resource Adapter	AdminServer, BAMServer, SOAServer	100
Overloaded (0)		CoherenceAdapter	Installed		Resource Adapter		331
OK (2)	83		Active	🖋 ок	Resource Adapter	SOAServer	322
	23		Active	• ок	Enterprise Application	SOAServer	314
	12	DMS Application (12.1.3.0.0)	Active	Ф ОК	Web Application	AdminServer, BAMServer, SOAServer	5
	-	E E CMarol III (12.1.0.0.0)	1.00	4	Enterprise	50ACenuer	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 bomain *		-						
Target Navigation		🕆 BamServer 🕕			Logged in as weblogic 📃 ofss2221222.in.oracle.			
View 🕶		Business Activity Monitor	ring 🕶		Page Ref	reshed Jul 23, 2015 11:17:3	1 AM IST	
Application Deployments SoA SoA WebLogic Doman WebLogic Doman WebLogic Doman Webstress Activity Monitoria Meanderserver (Dam gee Meandata Repositories Wetherstaging Service	9 Home Montoring Control Logs System MBean Browser Target Information	Application Roles Application roles are the n global policy store when t application. To manage users and of Policy Store Provider Location pipication Policies pipication Policies unreferit from application	oles used by security i he applications are rej roups in the WebLog ar WebLogic Domain LDAP jdbc/OpssDataSource or role name to query n name.	ware applications that istered. These are also comain, use the $\underline{\Omega}_{1}$ roles defined by this a	t are specific to the application. Ti is application roles that are create: acle WebLopic Server Security Pro application. Use application stripe to	nese roles are seeded by applicat d in the context of end users a visitar.	tions in sing ccessing the	
		View • Create	Create Like.	. 🥒 Edit 💥 D	elete		🛃 Detac	
		<i>•</i>						
		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
Application Deployments Sol Sol Weblogic Domain Weblogic Domain Busness Activity Monitoring Metadata Repositories Metadata Repositories User Messaging Service	Create Application Role General Application BanServer Stope * Role Name ALLROLES-000 Display Name ALLROLES-000 Description	OK Cance
	An application role may need to be mapped to users or groups def roles. View - Add & Delete Add how be have been applied to users or groups of application of the second seco	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

Home Administrator Designer	Preferences Help ▼ weblogic ▼
Administrator Desgret	Preferences Help * weblogic *

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
-------------	----------

DRACLE BAM Composer		Home	Administrator Designer	Preferences	Help 🔻	weblogic *
+ / × 0	GetUtilsDB (Security)	ĸ				3
Data Objects joracle CUBE_INSTANCE Demo FOUSDATAOBJECTS GettrikaD8	Ful Name /data Owner Type USER Owner Name webb	object/GetUtisDB ogic			1	R Save
ORVW_FACILITY_EXPOSURE	1. Grant permission		Add Application Roles, Groups and Use	5		×
Sunyoe S	Role Name	Read W	nte Lis Aolitation Role Search Avanabler Hembers BPMCnotenthiawer ALLROLES-000	Selected Members		
	2. Deny Permission		OK Cancel			
	View 🕶 💠 💥	Detach				
	Role Name No data to display	Read W	rte			



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 🔻	weblogic + (0
+ / × @	GetUtilsDB (Security) ×			2 🖬 -	
	Security Full Name /dataobject/GetUtisDB Owner Type USER Owner Name weblogic		(j)	নি <u>য়</u> Save	
GetUtilsDB ORWW_FACILITY_EXPOSURE Sample Sample test TestOljectTestOlject Vitask_Different_Stages Uterprise Message Sources Continuous Queries Monitoring Viewset Monitoring	1. Grant permission Add Application Roles, Groups and Use View * * * * Detach Name Role Name Read Øg BAMArchtect Øg BAMArchtect Øg BAMArchtect Øg BAMArchtect Øg BAMArchtect Øg BAMArchtect Øg BAMArchtect Øg BAMContentViewer Øg	Add Application Roles, Groups and Users Name Let: Application Role Search Available Members BPMContentViewer ALIROLES-000		×	
	2. Deny Permission View - A S Detach Role Name Read No data to display				

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

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

Figure 1-86	Add Application Roles,	Groups and Users -	ALLROLES-000
-------------	------------------------	--------------------	--------------

+ / 🗙 🐚	GetUtilsDB (Security) ×							(2
	Becurity							0 8 6
Data Objects								
CUBE INSTANCE	Full Name /datad	bject/GetUtils	DB					
Perco	Owner Type USER							
E FCUBSDATAOBJECTS	Owner Name weblo	gic						
GetUtilsDB								
ORVW_FACILITY_EXPOSURE								
S ORVW_TRACK_EXPOSURE	1. Grant permission							
Sample	View 🔻 💠 💥	Detach	_					
SMTB_USER_TYPE_CONVERSION_	Kole Name	Read	Write	Remove	Select	Delete	Update	Security
🗐 test	RR ALLROLES-000	V					V	
TestAPP	BAMArchitect	W.			[12]	172	W.	E
TestObject2	BAMContentCreator	1	E	12		10	1	23
TestObjectTestObject	BAMContentViewer	1	(1)	m			V	E
Wftask_Different_Stages								
Enterprise Message Sources								
Continuous Queries Monitoring								
Viewset Monitoring	U							
	2. Deny Permission							
	View 🔻 👍 💥	Detach						
	Role Name	Read	Write	Remove	Select	Delete	Update	Security
	No data to display	and the second sec	1.11.11.1		100746552		107.75.67	

- 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	Home Administrator Designer	Preterences Help ▼ weblo
Data Objects Data Objects Busness Quenes Busness Views Data boards Akrts Parameters	Dashboard or Al Business View	Model Data
	What do you want to	create?
	Dashboards and Alerts	
3	Dashboards are composed of one or more Create one	news
	Alerts are notifications based on KPIs, Querier Create one	s, or Pattern Matches

Figure 1-87 Oracle BAM Composer Designer

29. Click Open Project.

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



DRACLE BAM Composer	Home Administrator Designer	Preferences Help 👻 weblogic 🕶
FCUBS_BAM_Report -	Open Project × Select the project to open Data FCUBS BAM Report Process Analytics TestApp_2204	Model 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_Report	t (Security) $_{\times}$? !
	³ Security					()	63	Save
🔒 Data Objects								
Business Queries	Full Name /p	roject/FCUBS_BAM_F	Report					
KPIS	Owner Name w	ek						
Bushboards		ologic .						
Alerts	la amanana							
Parameters	1. Grant permissio							
	View • Contract	Detach	147-24-2	Ramouro	Focurity			
	Ca BAMContensar	Application Roles, G	roups and Users	IV IV	Security			
	BAMContentVie	ver 🗸	(FT)					
	1							
	2. Deny Permissio							
	2. Deny Permissio View + A	n Detach Pard		Panous	5t-			
	2. Deny Permissio View	n Beach Read	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 veblogic						
FCUBS_BAM_Report	FCUBS_BAM_Report (Security) ×							
	Security Ful Name /project/FCUBS_BAM_Report Owner Type USER Owner Name weblogic	(i) (i) Save						
Dashboards		-						
Parameters	1. Grant permission							
	Application Role							



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) >						3 🖬 -
	Eull Name /data Owner Type USER Owner Name weblo	object/GetUtilsDB gic				()	Save
ORVW_FACILITY_EXPOSURE	1. Grant permission			Add Application Roles, Groups and I	Isers		×
CRVW_IRACK_EXPOSURE	View 👻 📥 💥	Detach					
SMTB LISER TYPE CONVERSION	Role Name	Read	Write	Name			100
a test	88 BAMArchitect		7	List Application Role			
TestAPP	BAMContentCreator			Search			
B TestObject2	BAMContentViewer			Available Members	Selected Members		
IestOpiert TestOpiert Whak, Different, Stages Enterprise Message Sources Continuous Queries Monitoring Viewset Monitoring					> >> <		
	2. Deny Permission View - 🗣 💥	Detach		OK Cancel			
	Role Name	Read	Write				
	No data to display						

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	jic 🕶
CUBS_BAM_Report 🗷	FCUBS_BAM_Repo	rt (Security) 🗴							2 2
	Full Name /project/FCUBS_BAM_Report Owner Type USER Owner Name webbojc							(d)	Save
Alerts	1. Grant permiss	ion							
Parameters	View - 💠 🕽	Cetach	-						
	Kole Name	Read	Write	Remove	Security				
	AU POLES-000	1							
	BAMContentCr	eator 🗹	1	V					
	BAMContentVi	ewer 🔽	2						
	2. Deny Permissi	on							
	View 👻 💠 🍃	K 🛃 Detach							
	Role Name	Read	Write	Remove	Security				
	no uata to ospay								

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 🔛 P	Record Help	Q			Welcome, weblogic	Connected to: IPM_dor
View changes and restarts		Home							
Configuration editing is enabled. Future changes will automatically be activated as	you	Settings for m	yrealm		e a como	(nu thu	(
modify, and or delete items in this domain.		Connguration	Users and Groups	Koles and Policies	Credential mappings	Providers	Migration		
Domain Structure		Users Grou	ıps						
IPM_domain ⊕ -Environment ⊕ -Services ⊕ -Services -Security Realms ⊕ -Interoperability ⊕ -Diagnostics		This page disp Customize 1 Groups	olays information about	each group that has b	een configured in this	security realm.			
		New	ste					Showing 1 to	10 of 568 Previous Nex
		Name Name	~	Description				Prov	rider
		AC-BAT	СН	Accounting Batch Op	erations			Fcubs	5
		AC-REP	ORTS	Accounting Reports				Fouls	5
How do I		AC-RPT		Accounting Reports				Fouls	\$
 Manage users and groups 		ADMIN		Admin				Fcube	5
Create groups		AdminCl	nannelUsers	AdminChannelUsers of	an access the admin ch	iannel.		Defau	ultAuthenticator
 Modify groups 		Administ	trators	Administrators can vi	ew and modify all resou	rce attributes	and start and stop servers.	Defa	ultAuthenticator
Delete groups		ADMINE	OLE	Admin Role				Fcubs	3
		AE-MAI	NT-IN	AEOD Maitenance				Fouls	5
System Status		AEOD-R	PT	AEOD Reports				Fouls	5
Health of Running Servers		AEOD-S	тв	Accounting Reports				Fcube	5
Falled (0) Critical (0) Overloaded (0) Warning (0)		New	ste					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_domain
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.	Create a New Group OK Cancel	
Domain Structure		
IPM_domain Environment Deployments Briservices	The following properties will be used to identify your new Group. * Indicates required fields	
Security Realms Disprovements Diagnostics	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	OK Cancel	
Manage users and groups		
System Status		
Health of Running Servers		
Faled (0) Critical (0) Overhoaded (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, 201 yr 201 and an an faffinger An affinger seminary of the semina
- 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

Searches		
ER_10	FLEXCUBE: Application Summary	C Delete
	a General Properties	
	Applications 3d 2	
2 Tools	Agrication water FLEXCOR Description	
Manage Searches	Reportary Local	
Manage Applications	Pull-Test Option None	
C.USE	Field Definitions	
	The base base base based based based based balance balance	
	And Field Name 1 80 V	
	■ Application Security	
	Toe Security Hember View Hoddy Delete Grant	
	å vettor	
		1
	B Document Security	
	The Country Member View Write Tubes Grat Lock Ammin Ammitte Amminte Amminte Amminte	
	trige instanter mins betrev Acces account Standard Retricted Méden	
	S MilliserGroup V V V V V	
	a Storage Policy	
	Document Storage	
	Volume File default	
	-Supporting Context Storage	
	Volume. File default	
	Workflow Configuration	
	Vioriflaw configuration has not been defined.	
	RANNErtion History	
	arppasson moory	-
	Dite Type UserNime 2020/2015/5159 Enderinan Carlas unablosiz	
	1722/2013 al. 2014. Definition (https://weblogic 1722/2013 al. 2014). Definition (https://weblogic	
Manage Inputs		
n Manage Connections		
stand Solution		

- 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.



9 Searches 9 JD	Green Properties Frid Definitions Applications Security Targe Palor, Workford Californian Teness Sattage. Create Applications Document Security	Cancel Back Net Take
	Provide security rights for the application's context. Select "lists" where you have finished with document security. Table: The "Grant Access" security right automatically confers: "Write" and Deleter' security rights in the repository.	
Tools	Alle (V utp) ar result	
Manage Searches	Top Security Reveals Advanture 3 PREservices 3 PREservices 4 Advanture 4 Advan	
	Add Security Hember	
I Manage Applications	for meters. (Ye carefy, eased in WY) to for meters having with W and end up with V Line for feet equal bink in stratmant with W and end up with V Line feet et up with the stratmant Transformer V meters	
	Tote (Seets) Refer	
	Add Carcel	
7 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 Co	ontent: Imaging					Logged in as	weblogic Help Re	fresh Preferences Logout About
Searches USER_ID	USER_ID: Sear	ch Summary						Modify 💥 Delete 🔳
B 🖉 Tools C Q Manage Searches USER_ID	Properties Search 1 Descri Maximum Search Re Results Form	Name USER_ID ption tions sults 0 atting						
	Source Application	DOCID DOC	cument Creation	Document Creater	d Document Batch	d Document Id		
	FLEYCURE	DOCID DOC	te nument Creatio	By Document Creater	d Dog ment Batch	d Document Id		
	Docume Docume Docume Parameters Parameter Name Document Created	Prompt Text Op	Paramet erator Text ntains	er - Document Crea	Picklist	Required	Read Only	
	⊡Security							
	Type Security Mer	nber 1	View Modif	y Delete	Grant Access			
	Constraint Constraint	rs .p	* *	~	~			
	Audit History							2
	Date 7/2/2014 7/4/2014	Type Use Definition Create ARI Definition Modify well	er Name U1 blogic					
🗉 🖼 Manage Applications	7/4/2014 7/4/2014	Definition Modify well Definition Modify well	blogic blogic					
🗉 🅎 Manage Inputs	7/4/2014	Definition Modify wel	blogic					
Manage Connections	7/4/2014	Definition Modify well	blogic					
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 WebCente	r Content: Imaging	
u (b) Searches unan_p u (b) Toods	Bandle Constitute States Search Process Search	nga Kanadi dadi dinadi Talah
U V, Harupe Sourches	Advance and a second seco	
B Hanage Applications Planage Inputs B Hanage Convections		
a B* Hanape 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	Nanager Fi	ion Middleware Control 12c	🖺 WebLogic Domain 🔻 🛛 weblogic 💌 🛶
arget Navigation			No. 11 - 2016 (1)-2016 (2) - 201
iew 🔻			PMB 21, 2010 12:30:35 PM 151
Home	F.	 Is that are specific to the application. These roles are seeded assing the application. 	y applications in single global policy store when the applications are registered. These are also
Monitoring	Þ	ne Oracle WebLogic Server Security Provider.	
Logs	Þ	_	
SOA Deployment Manage Partitions	Þ	application. Use application stripe to search if application use	s a stripe that is different from application name.
Resequencing Groups		_ X Delete	E Detach
Service Engines Bindings Services and References	▶ .0] ▶ 35 [1.0]	Description	
Business Events			
SOA Administration	Þ		
Security	► Ap	ication Policies	
Administration	► Ap	ication Roles	
Target Sitemap Target Information			
■Iª CRDCProcess [1.1] ■Iª CreateCorporateCu ■Iª CreateCorporateCu	stomer [2.0] stomer [3.0]		
•‡ CreateCorporateCu	stomer [3.1]		
•‡ CreditBureauHandle	er [1.0]		
DBUtility [1.0]			
DBUtility [2.0]			
		▼	

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

The **Application Roles** screen displays.



	CLE [®] Ente	erprise Manag	ger Fusion Mid	dleware Control	12c				🔚 WebLogic Domain 🔻	weblogic 🔻
	soa-infra () SOA Infrastructure	e w							Mar 21, 20:	16 12:30:59 PM
pplicati	ion Roles									
plication rol	les are the roles	used by security a	aware applicatio	ns that are spec	ific to the	e application. These roles	are seeded by application	ns in single global policy store	when the applications are registere	d. These are
plication rol To manage	es that are create users and group	ed in the context o os in the WebLod	ic Domain, use '	the Oracle WebL	cation. odic Sei	rver Security Provider.				
Dolicy St	ore Provider									
roncy st	ore rionaei									
Search										
er search i	Keyword for role n	name to query role	es defined by thi	s application. Us	e applic	ation stripe to search if a	pplication uses a stripe th	at is different from application i	name.	
	Role Nar	me Starts With	•							
∕iew ▼	🕍 Create	E Create Lik	e 💉 Edit	. X Delete	Sean	ch application roles			E ,	Deta
Role Na	ame	1	Display Name			Description				
default_0	Composer	1	Composer for th	e Default Partitio	n	A composer is respons	ible for making changes to	o composite artifacts, such as	business rules in a business proce	ss, security (
default_D	Deployer	1	Composite Dep	oyer for the Defa	ult P	A deployer is responsible for deploying new applications, upgrading existing applications, and managing the continuous integrati				
default_1	Tester		Tester for the De	fault Partition		A tester performs integrated black box testing on preproduction systems. A system tester typically runs tests using a combinatio				
default_/	ApplicationOperat	tor	Application Oper	ator for the Defa	ult Pa	An application operator	is responsible for handlin	ig customer complaints and m	aking decisions on requests that res	sult in faults
default_l	Monitor	1	Monitor for the D	efault Partition		A default partition monitor is responsible for ensuring the successful operations of the deployed applications on the default part				
Middlewa	areOperator	1	SOA MiddleWare	e Operator		A middleware operator is responsible for ensuring operational continuity. A middleware operator is also the main point of con				
Middlewa	areAdministrator		SOA Middleware	Administrator		A middleware administ	rator is responsible for en	suring the continuous availabil	lity of the middleware servers, but is	not always r
SOAAdm	nin	-	SOA Admin Role	,		SOA application admin	role, has full privilege for p	performing any operations inclu	uding security related	
SOAOpe	rator	1	SOA operator Ro	ole		SOA application operator, for common operational tasks like start, stop, monitor, backups				
SOAMoni	itor	1	SOA Monitor Rol	ie		SOA application monitor role, has read-only privileges for monitoring				
SOAAudi	itAdmin	1	SOA Audit Admir	1 Role		SOA audit administrator role, can perform audit configuratoin and administration				
SOAAudi	itViewer	1	SOA Audit Viewe	r Role		SOA audit viewer role, can view audit records				
BPMWor	kflowAdmin	1	BPM Workflow S	ystem Admin Ro	le	BPM Workflow Administrator Application Role				
BPMWor	kflowCustomize	1	BPM Workflow C	ustomize Role		BPM Workflow Customi	ze Application Role			
BPMAGA	dmin	1	BPM Activity Gui	de Admin Role		BPM Activity Guide Adm	inistrator Application Role			
	anizationAdmin	1	BPM Organizatio	n Admin role		BPM Organization Admi	nistrator Application Role			
BPMOrga										

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.

Edit Application F	Role : SOAAdmin					OK Cance
Role (or Enterprise Role) is	the group of users designed	at the enterprise level an	d typically used to assign a	privilege or permission. A role can a	also contain other roles as members.	
ieneral						
Application Stripe so	oa-infra					
Role Name SC	Add Principal					1000000000
Display Name SC	Specify criteria to search an	id select the application n	les that you want to grant p	permissions to.		1000000000000
Description SC	a search					100000000000000000000000000000000000000
pe		Туре	Group			CONTRACTOR OF CONTRACTOR
		Principal Name	Starts With 💌			
lembers		Display Name	Starts With	•		1000000000000
h application role may nee	Searched Principale					
Name						100
Administrators	View + m; Detach	Diaplay Namo	Description			roup
	No search conducted	Display Hame	Description			1 The Statistics
						and the first of the
	Advanced Option					
	Check to enter princip	al name here instead of s	searching from above. This	option can be used for advanced sc	cenarios related to custom authenticators.	110000000000000000000000000000000000000
			-		OK Canad	
					OK Calcel	

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

Edit Application F	Role : SOAAdmin					OK Cance
tole (or Enterprise Role) is eneral	the group of users designed a	It the enterprise level and type	cally used to assign a privilege	or permission. A role can also contain othe	r roles as members.	
Application Stripe so	oa-infra					
Role Name St	Add Principal					the second se
Display Name SC	Specify criteria to search and Search	select the application roles t	hat you want to grant permission	ons to.		
Description S(Type Grou	- qu			
re		Principal Name Star	ts With ALLROLES-000			
lembers		Display Name Star	te With			
n application role may nee	Searched Principals	bioping manne - bio		Search roler		
Name	View = Plach			search roles		/pe
Administrators	Principal		roup			
	ALLROLES-000		ALLROLES-000			
	Advanced Option					
	Check to enter principal	I name here instead of searc	hing from above. This option ca	in be used for advanced scenarios related to	o custom authenticators.	
					OK Cancel	and the second second
					The second	

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	er-email 🔋			Logged in as weblogic	ofss2221222.in.orade.com
View -	Contraction of the second seco	er 🔻			Page Refreshed Jun 11, 2	2015 11:09:57 AM IST C
	Edit Driver Propertie Common Configuration Name Driver Type	es n FCUBS 121 User Messaging Email Driver		Supported Protocols Supported Carriers	SMTP	OK Cancel
Gene userniessagingsvine "enail (Sainijaeres J) 後国 国際の中国 総理研究の の の の の の の の の の の の の の	Configuration Level Supported Delivery Types Capability Supported Content Types	Domain Cluster 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	SS, IE, IT_SUCCESS, IT_FAILURE	Speed	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	Â
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	
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 Securit	The security used by SMTP server. 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.				

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 Navigation		會 soa-infra ⑧ 瑟 SOA Infrastructure ▼	Logged in as weblogic 🗍 ofss2221222.in.orade. Page Refreshed Jun 11, 2015 11:15:16 AM IST	
Application Depk	oyments	Mailer Task		
✓ 括 soa-infra ^A > Ø default > WebLogic Don	Home + Monitoring +	(i) Information Al changes made in this page require a server restart to take effect.		
 Business Activ Metadata Rep User Messagir 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		
i usermessa	Service Engines Bindings Services and References Reviewents	* Email : From Address fixx@xxx.com * Email : Actionable Address figge@gggg.com * Email : Reply To Address fixx@wxx.com		
	SQA Administration	Common Properties cation Configuration Properties BPEL Properties BPMN Properties Hedator 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			Ç
hange Center	🔒 Home Log Out Preferences 🔤 Record Help	Q	Welcome, admin Connected to: Alpha	Dom
View changes and restarts	Home > AlphaDomain > Summary of Servers > AlphaDomain	>Summary of Servers >Summary of Deployments >soa	infra >BPELEngineBean	
Configuration editing is enabled. Future	Home Page			
modify, add or delete items in this domain.	- Information and Resources			
Domain Structure	Helpful Tools	General Information		
lohaDomain	Configure applications	 Common Administration Task Descriptio 	ns	
Environment	 Configure GridLink for RAC Data Source 	 Read the documentation 		
Servers	Configure a Dynamic Cluster	Ask a question on My Oracle Support		
Coherence Clusters	Recent Task Status			
Machines	 Set your console preferences 			
Virtual Hosts	Oracle Enterprise Manager			
	- Domain Configurations			
Deployments				
-Services	Domain	Services	Interoperability	
Security Realms	Domain	Messaging	WTC Servers	
		 JMS Servers 	 Jolt Connection Pools 	
	Environment	 Store-and-Forward Agents 		
low do I	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 E	Starbun And Shutdown Classer	Work Contexts	• CNMP	
Include of Description Community	- Startup And Shoutown Classes	• iCOM		
health of Running Servers		Mail Sessions	Charles and Carely	
Failed (0)	Your Deployed Resources	• FieT3	Charts and Graphs	
Critical (0)	Deployments	• 114	Monitoring Dashboard	
Overloaded (0)		OSCI Esamanuadus		
	Your Application Cocurity Cottings	Obdi Franieworks		

Figure 1-110 WebLogic Server

2. Click Deployments.

The Summary of Deployments screen displays.

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

e services	-			r i		1	1
Security Realms		Name 🌣	State	Health	Туре	Targets	Deployment Orde
	C	Coracle.wsm.console.core.view(1.0,12.1.3.0)	Active	-	Library	AdminServer	311
ow do I 🖂		forade.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		Sour Contracter Source Contrac	Installed		Resource Adapter		329
Monitor the modules of an enterprise application		E CradeBPMBACServerApp	Active	🖋 ок	Enterprise Application	SOAServer	384
Deploy EJB modules Install a Web application		CadeBPMComposerRolesApp	Active	🖋 ок	Enterprise Application	SOAServer	382
vstem Status		€OracleBPMProcessRolesApp	Active	🖋 ок	Enterprise Application	SOAServer	381
ealth of Running Servers		€ CoradeBPMWorkspace	Active	🖋 ОК	Enterprise Application	SOAServer	383
Failed (0)		norai18n-adf(11,11.1.1.0)	Active		Library	AdminServer, BAMServer, SOAServer	100
Overloaded (0)		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 Coo-webapps	Active	🖋 ок	Enterprise Application	SOAServer	360
		📸 soa.em	Active		Library	AdminServer	100
		SocketAdapter	Installed		Resource Adapter		326
		State-management-provider-memory-rar-12.1.3	Active	🖋 ОК	Resource Adapter	AdminServer, BAMServer, SOAServer	100
	C	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	
B2BUtiltyBean	EJB	
BAMActionMDB	EJB	
BeamActionMDB	EJB	
BottleneckDetectionBean	EJB	
BPELActivityManagerBean	EJB	
BPELAudit TrailBean	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	
BPMNAudit TraiBean	EJB	
- BPMNClusterBean	E18	

Figure 1-112 Summary of BPELEngineBean

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

	Name:	BPELEngineBean	The name of this bean. More Info
Work Managers Startup and Shutdown Classes	Туре:	stateless	The EJB type (session, entity, or message). More Info
Deployments Services	Transaction Type:	Container	The bean's transaction type. More Info
Security Realms Interoperability L-WTC Servers	EJB Class Name:	com.collaxa.cube.engine.ejb.impl.bpel.BPELEngineBean	EJB Class Name More Info
r do I 🖂	- Pool Configuration	100	The initial number of beans in the free pool More Info
ionfigure Version 2.X EJBs iew deployment status of EJBs et EJB target servers and dusters	Max Beans in Free Pool:	1000	The maximum number of beans in the free pool. Hone amount the free pool for the number of seconds specified in Idle Timeout, and the total wather of beans in the free near descendes the maximum beans in the
Ipdate (redeploy) EJBs top EJBs			free pool specified in this field, idle beans are removed from the free pool. More Info
tem Status 🖂	Idle Timeout:	0	The maximum length of time (in seconds) an E38 should remain in the cache or free pool before it is passivated or removed. More Info
ith of Running Servers	- Enterprise Bean Configuration	I	
Faled (0) Critical (0) Overloaded (0) Warning (0) OK (2)	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 ejb-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 run with an anonymous principal. More Info
	JNDI Name:		The JNDI name of an EJB, resource, or reference in WebLogic Server. Mon 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
	Save		
bLogic Server Version: 12.1.3.0.0			

Figure 1-113 BPELEngineBean Configuration - Transaction TimeOut

6. Go to EJBs, click BPELDeliveryBean.

The Summary of BPELDeliveryBean screen displays.

isolo consoleiportan_p	ageabel-Appreprovincing control ageacing to - naccomprovincing control of necespo		
	B2BUtiltyBean	EJB	
	BAMActionMDB	EJB	
	BeamActionMDB	EJB	
	BottleneckDetectionBean	EJB	
	BPELActivityManagerBean	EJB	
	BPELAuditTraiBean	EJB	
	BPELCacheRegistryBean	EJB	
	BPELCacheStoreBean	EJB	
	BPELClusterBean	EJB	
	BPELDeliveryBean	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	
	BPMNAuditTrailBean	EJB	
	BPMNClusterBean	EJB	
	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 🗄	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 beans in the free pool. When an EIB has been in the free pool for the number of seconds specified in late Timout, and the total number of beans in the free pool approaches the maximum beans in free pool specified in this field, due 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
system Status			Ternoved. More into
rearch or Kunning Servérs	— Enterprise Bean Configu	ration	
Failed (0) Critical (0)	Network Access Point:		Custom network channel that the EJB uses for network communications. More Info
Overloaded (0) Warning (0) OK (4)	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
	둸 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	Q	Welcome, weblogic Connected to: dev_doma
New changes and restarts	Home >Summary of Deployments >dev_domain		
onfiguration editing is enabled. Future	Settings for dev_domain		
nanges will automatically be activated as you nodify, add or delete items in this domain.	Configuration Monitoring Control Security We	b Service Security Notes	
omain Structure	General JTA JPA EJBs Web Applications Log	iging Log Filters	
v_domain Environment	Save		
Services Security Realms	Use this page to define the Java Transaction API (JTA)	configuration of this WebLogic Serve	r domain.
⊕ - Diagnostics	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 roled 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
How do I	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
Configure advanced domain JTA options	Max Transactions:	10000	The maximum number of simultaneous in-progress transactions allowed on a server in this WebLogic Server domain. More Info
ealth of Running Servers	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 al 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		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 (determines) separated by line breaks. A determiner's in-doubt transaction records are used during transaction recovery when a TLog is not present. More brito
	☑ Forget Heuristics		Specifies whether the transaction manager automatically performs an XA Resource forget operation for heurstic

- **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 × U http://ofss222nitFilter=true × U Conne	xcting × New Tab ×	+ 2 公白	1 *
	Control 12c			👤 admin 🔻
WebLogic Domain 🝷				
arget Navigation	👚 soa-infra 💿	Logged in a	is admin 🗐 ofss22	0692.in.oracle.
śew ▼	SOA Infrastructure ▼	Page Refreshed :	Jun 17, 2015 11:36	:01 AM IST
Application Deployments SOA	Dashboard Deployed Composites Flow I	nstances Error Hospital		
(ii) default (iii) de	Key Configuration	P Business Transaction Faults	Sear	rch
Na America SOA Deployment → te [1.0] 이렇 BPUbli Manage Partitions 이렇 BPECC Work Manager Groups 이렇 BPECC Resequencing Groups	Profie BPM BASIC () Instance Tradang Production () Default Query Duration Last 24 Hours () Auto Purge Enabled ()	Last* 24 🕄 Hours 🗩 🝓 Refresh region to show the latest data. Click graph to drill down.		Recent
National Service Engines 이 전 SPELL Bindings 이 전 CTBL/F Services and References 비행 CTBL/F Services and References	SOA Runtime Health	Composites and Adapters Availability		_
et Corest SOA Administration → Common Pro et Could. Security → PEPL Proper et Credit Administration → BPNN Prope et Credit Target Information Heddor Pro et CRPCIosureProcess [1.0] Workflow Pro et CRPCIosureProcess [1.0]	perties soa-infra (SOAServer) tes Initialized Successfully pertes	 No Composite Start-Up Errors No EIS Connectivity Errors All Composites are UP 	Q	Composite Sensor Nan
NB CRPProcess [2:0] bits Server P NB CurrentAccountCreationWithCreditFacility Cross Refere NB DBUtity [1:0] Token Config NB DBUtity [2:0] Auto Purge	Inces System Backlogs	 All adapter service endpoints are UP 		
No Description NB EQFXProcess [1.0] NB EXPNProcess [1.0] NB Externalization (2.0)	Refresh region to show the latest data.			
	Messages in Queues: BPEL Invoke BPEL Caliback Mediator Parallel Routing			
에운 KYCCheck [2.0] 에운 KYCCorporateReview [2.0] 에운 KYCReview [2.0] 에운 LimiReview [1.0]				
Pla 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 http://ofss222nitFilter=true × C	Connecting × New Tab	× +	
€ @ 10.184.135.218:7001/em/faces/as/browser/mbeans?Adf-Page-Id=13	8mbeanPattern=oracle.as.soainfra.config%3An	ame%3Dbpel%2C*&ttarg 🔻 🖱 🔀 🕶 Google	٩	☆自♣ 俞
ORACLE Enterprise Manager Fusion Middleware Control	12c			👥 admin 🔻
📑 WebLogic Domain 🔻				
Change Center 2	👚 soa-infra 💿	Logge	d in as ad	Imin 🗐 ofss220692.in.oracle
🛅 Changes ▼ 🔝 Recording ▼	SOA Infrastructure ▼	Page Refre	shed Jun 1	17, 2015 11:37:36 AM IST
Target Navigation	System MBean Browser			
View -	· Application Defined MBeans	s: BPELConfig:bpel		Apply Reve
Application Deployments	1 Information			
4 ⊇ SOA 4 🗮 soa-infra (SOAServer)	The changes made on this mbea from the Change Center.	an are not managed by the configuration session. The changes will be applied in	mediately.	You cannot undo the changes
🔺 🔞 default	Show MBean Information			
AmendFCUBSORNFRetailLoanContract [1.0]	Attributes Operations Notifica	tions		
G AmendFCUBSORRetailLoanContract [1.0]	News	Description	A	Value
Ha AmendRetailLoanContractFCUBSORService [1.0]		a separate location from the rest of the instance scope data	Access	Value
에를 BFPURINY [1.0] 에랍 BFELCOLLATProcess [1.0] 에랍 BFELCRPCIosureProcess [1.0]	22 MaximumNumberOfinvokeMess	specify the number of invoke messages that can be kept in the in-memory cache, once the engine hits this limit, it would push the agestir message to dispatcher in-memory cache, instead it would save the message in the dh and these caved messages can be recovered upon	RW	100000
Big breicherencers [1.0]		recovery job, you can use value -1 to disable		
No BPELLimitReview [1.0] No BPELLimitReview [1.0]	23 MaxRecoverAttempt	This value specifies the maximum number of times an invoke or callback or activity will be recovered	RW	2
	E 24 MinBPELWait	The minimum time duration for BPEL to do a real wait that involves a dehydration	RW	2
CloseRetaiLoanContractFCUBSORService [1.0]	 25 objectName 	The MBean's unique JMX name	R	oracle.as.soainfra.config:nar
COLLATProcess [1.0]	26 OneWayDeliveryPolicy	Changes whether the one-way invocation messages are delivered	RW	async.persist
에십 CRDCProcess [1.0] 에십 CreditBureauBPEL [1.0]	27 QualityOfService	flag to enable or disable coherence cache for bpel service engine. use CacheEnabled for enabling coherence.	RW	DirectWrite
에랍 CreditBureauHandler [1.0]	28 QualityOfServiceAuditStorePolic	ryUsel flag to enable or disable coherence cache for bpel service engine when auditStorePolicy is set to async	RW	false
에는 CRPProcess [1:0]	29 QualityOfServiceOneWayDelive	ryPoli flag to enable or disable coherence cache for bpel service engine when oneWayDeliveryPolicy is set to async	RW	false
Ma CRAPTOCESS [2:0]	30 ReadOnly	If true, it indicates that this MBean is a read only MBean.	R	false
We current Accounture aton with credit-active [1.0]	31 RecoveryConfig	Recovery Configuration	RW	javax.management.openmbe
ally opublic [2:0]	32 RecurringMaxMessageRaiseSize	Number of messages to recover during recurring recovery	RW	50
Pictures CORPORT In an Contract [1 0]	33 RestartNeeded	Indicates whether a restart is needed.	R	false
	34 SpecCompliance	Sets how the implementation is compliant to the spec	RW	suggest
BIR EXPNProcess [1.0]	35 StartupMaxMessageRaiseSize	Number of messages to recover during startup recovery	RW	50
912 ExternalValuation [2.0]	36 StatsLastN	The size of the "most recently processed" request list	RW	-1
InitiateFCUBSORRetailLoanPayment [1.0] InitiateFCUBSORRetailLoanPayment [1.0]	37 SyncMaxWaitTime	The maximum time a request/response operation will take before it times out. The default value is 45 seconds.	RW	45
Ma InitiateKTCCheck=CubsOKService [1.0]	38 System/Bean	If true, it indicates that this MBean is a System MBean.	R	false
Ma InitiateRetail.oanContract+CUBSORService [1.0]	39 ValidateXML	If set to "true" the engine will apply schema validation for incoming and outgoing xml documents. The default value "false".	RW	false
InitiateRiskEvaluationFCUBSORService [1.0]	40 Version	version of the config file	R	11.1.0
KYCCheck [2.0]	41 Visible	If true, it indicates that this MBean is visible to current user.	R	true
KYCCorporateReview [2.0]	-	III .		•

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.