

Setting up Plug-Ins
Oracle FLEXCUBE Universal Banking
Release 12.1.0.0.0
[October] [2015]



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1. Setting up Plug-Ins

1.1 Introduction

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

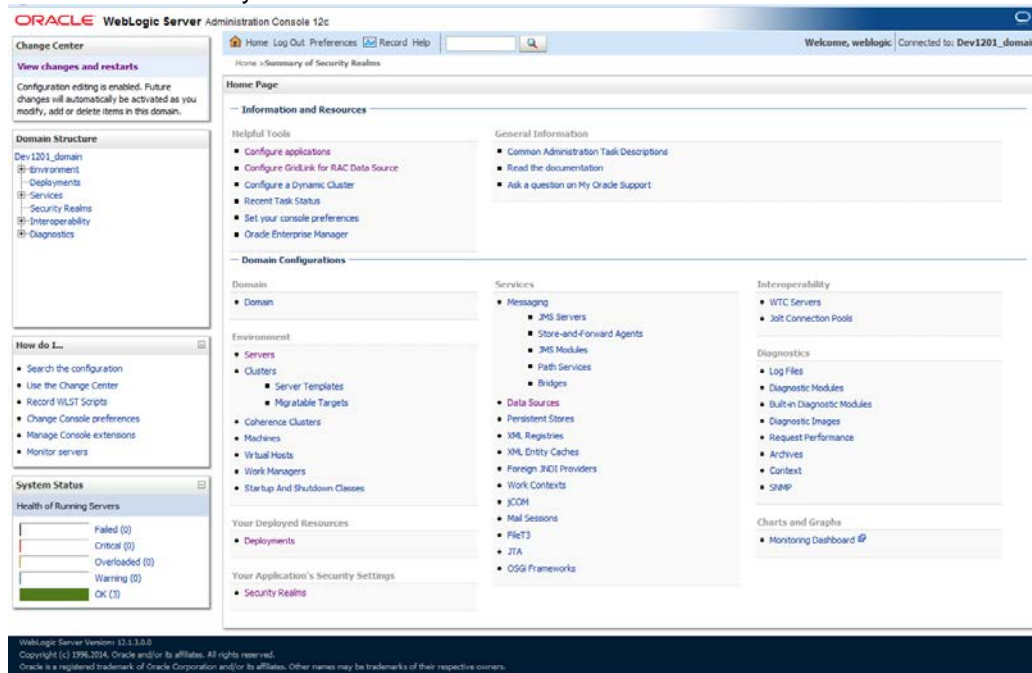
1.2 Integrating Oracle FLEXCUBE UBS and BPEL

If you have created the EAR file with BPEL as a plug-in, then along with the Oracle FLEXCUBE UBS EAR file, the Installer creates 'FCBPEL.CIS.jar' file. You need to complete the following tasks before deploying Oracle FLEXCUBE UBS EAR file.

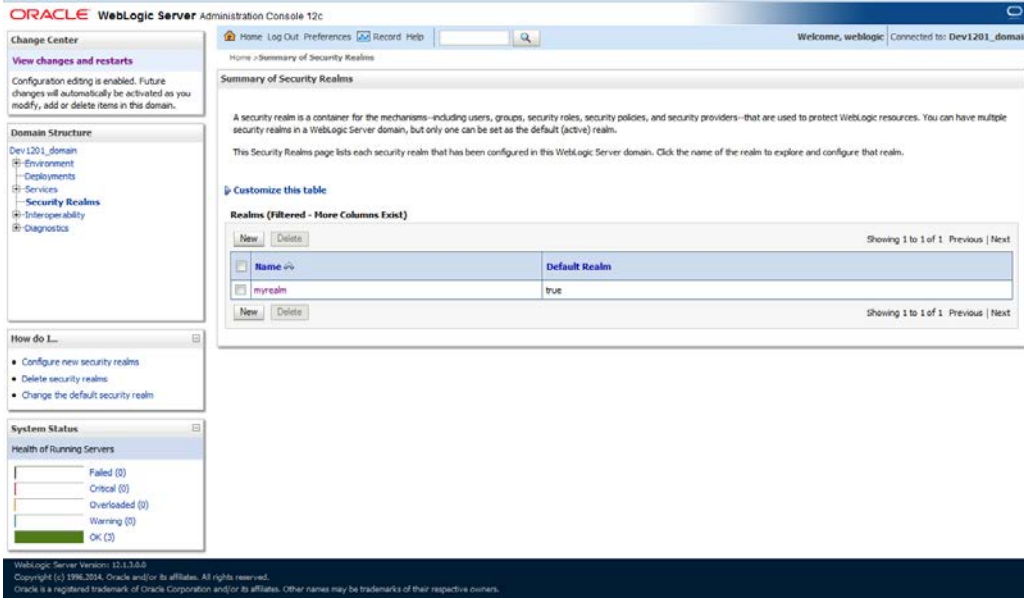
1.2.1 Custom Provider Configuration

FCUBS Custom Authenticator Provider configuration has to be done from the weblogic console of SOA or manually update the config.xml of the soa domain. Below steps needs to be followed to setup Custom Authentication Provider:

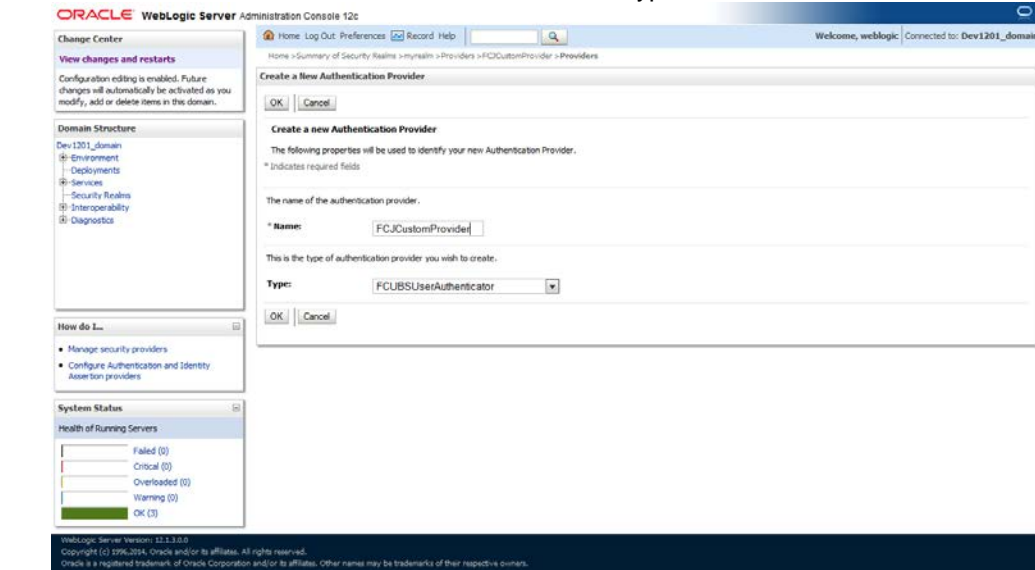
1. Along with FCUBS Ear file, Installer creates FCUBSAuthenticationProvider.jar file. Copy this files to <ORACLE_HOME>\wlserver\server\lib\mbeantypes
2. Restart the Admin Server
3. Login to the Console
4. Click on Security Realms.



5. Click on myrealm.



6. Click on Providers tab and click on new button to create new authentication provider.
7. Give Provider name as FCJCustomProvider and type as FCUBSUserAuthenticator.



8. Click Reorder to bring provider to first of all providers and click OK.

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help Welcome, weblogic Connected to: Dev1201_domain

Change Center
View changes and restarts
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.

Domain Structure
Dev1201_domain
Environment
Deployments
Services
Security Realms
Interoperability
Diagnostics

How do I...
Configure Authentication and Identity Assertion providers
Configure the Password Validation provider
Manage security providers
Set the JAAS control flag
Re-order Authentication providers

System Status
Health of Running Servers
Failed (0)
Critical (0)
Overloaded (0)
Warning (0)
OK (3)

Settings for myrealm
Configuration Users and Groups Roles and Policies Credential Mappings **Providers** Migration

Authentication Password Validation Authorization Adjudication Role Mapping Auditing Credential Mapping Certification Path Keystores

An Authentication provider allows WebLogic Server to establish trust by validating a user. You must have one Authentication provider in a security realm, and you can configure multiple Authentication providers in a security realm. Different types of Authentication providers are designed to access different data stores, such as LDAP servers or DBMS. You can also configure a Realm Adapter Authentication provider that allows you to work with users and groups from previous releases of WebLogic Server.

Customize this table

Authentication Providers

New Delete Reorder Showing 1 to 4 of 4 Previous Next

Name	Description	Version
FCJCustomProvider	Authentication provider for FLEXCLUBE users	FCUBS 12.1
Trust Service Identity Asserter	Trust Service Identity Assertion Provider	1.0
DefaultAuthenticator	WebLogic Authentication Provider	1.0
DefaultIdentityAsserter	WebLogic Identity Assertion provider	1.0

New Delete Reorder Showing 1 to 4 of 4 Previous Next

WebLogic Server Version: 12.1.3.0.0
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ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help Welcome, weblogic Connected to: Dev1201_domain

Change Center
View changes and restarts
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Domain Structure
Dev1201_domain
Environment
Deployments
Services
Security Realms
Interoperability
Diagnostics

How do I...
Re-order Authentication providers
Set the JAAS control flag

System Status
Health of Running Servers
Failed (0)
Critical (0)
Overloaded (0)
Warning (0)
OK (3)

Reorder Authentication Providers

OK Cancel

Reorder Authentication Providers

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.

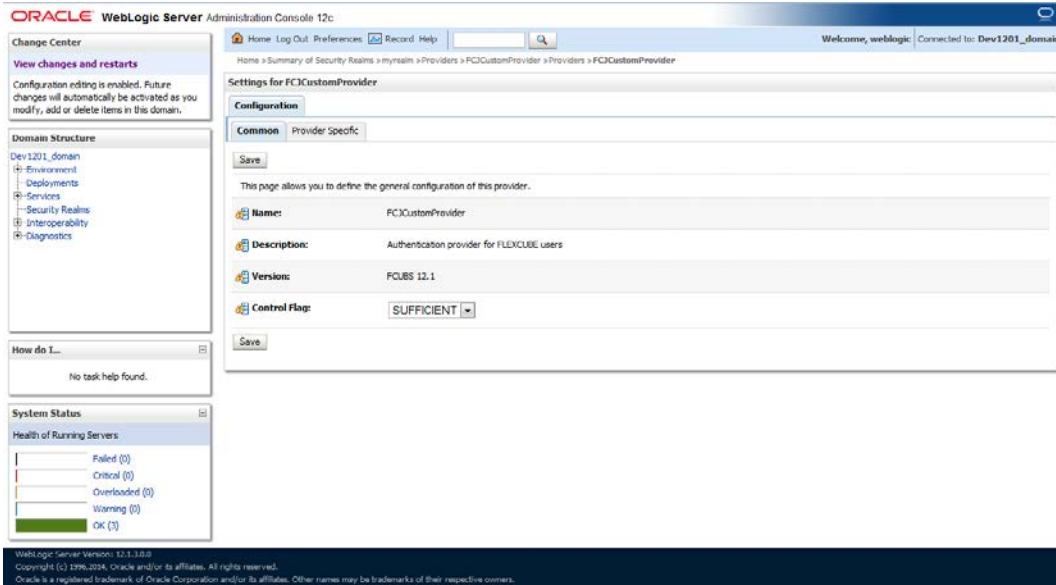
Authentication Providers

Available:

- FCJCustomProvider
- Trust Service Identity Asserter
- DefaultAuthenticator
- DefaultIdentityAsserter

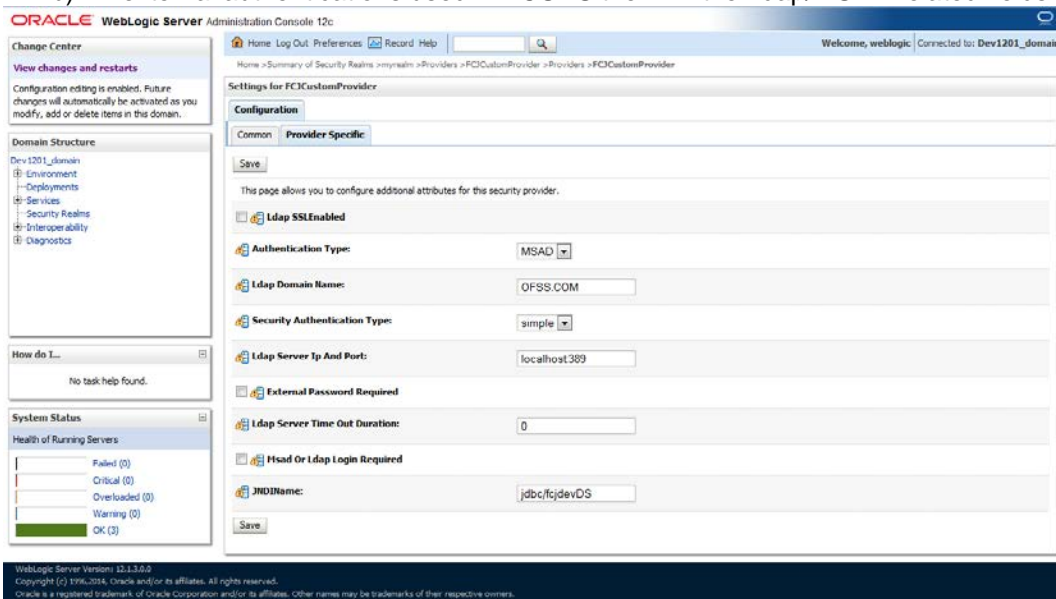
OK Cancel

- Click on FCJCustomProvider.
- In Common tab change the control flag to "SUFFICIENT".



11. In Provider Specific tab

- Set JNDIName as Flexcube JNDI Name.
- If external authentications used in FCUBS then Fill the Ldap/MSAD related fields.



12. For manually editing the config.xml go to

<ORACLE_HOME>\Middleware\user_projects\domains\base_domain\config\ path. Open config.xml file. The following codes need to be added at proper locations in the config.xml.

- 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:n1="http://fcubs.ofss.com/security" xsi:type="n1:fcubs-user-authenticatorType">
  <sec:name>FCJCustomProvider</sec:name>
  <sec:control-flag>SUFFICIENT</sec:control-flag>
  <n1:msad-or-ldap-login-required>true</n1:msad-or-ldap-login-required>
  <n1:external-password-required>true</n1:external-password-required>
  <n1:authentication-type>MSAD</n1:authentication-type>
```

```

<n1:ldap-server-ip-and-port>LDAP://localhost:389</n1:ldap-server-ip-and-port>
<n1:ldap-ssl-enabled>true</n1:ldap-ssl-enabled>
<n1:security-authentication-type>simple</n1:security-authentication-type>
<n1:ldap-domain-name>OFSS.COM</n1:ldap-domain-name>
<n1:ldap-server-time-out-duration>0</n1:ldap-server-time-out-duration>
</sec:authentication-provider>

```

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

1.2.2 Configuring JPS

For configuring JPS, you need to follow the steps given below:

1. Go to the location – ‘<ORACLE_HOME>\user_projects\domains\<Domain_created>\config\fmwconfig’

Open ‘jps-config.xml’ file. Search for ‘<serviceProviders>’ tag and add the following code between ‘<serviceProviders>’ and ‘</serviceProviders>’ tags.

```

<serviceProvider class="com.ofss.fcc.bpel.security.jps.service.FCIdentityServiceProvider"
name="idstore.db.provider" type="IDENTITY_STORE">

<description>DB IdentityStore Provider</description>

</serviceProvider>

```

Similarly, Search for ‘<serviceInstances>’ tag and add the following code between ‘<serviceInstances>’ and ‘</serviceInstances>’ tags.

```

<serviceInstance provider="idstore.db.provider" name="idstore.db">

  <property value="flexcube" name="subscriber.name"/>

  <property value="jdbc/fcjddevDS" name="datasource"/>

</serviceInstance>

```



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

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

```

<jpsContext name="flex">

  <serviceInstanceRef ref="credstore.db"/>

  <serviceInstanceRef ref="keystore.db"/>

  <serviceInstanceRef ref="policystore.xml"/>

```

<serviceInstanceRef ref="audit.db"/>

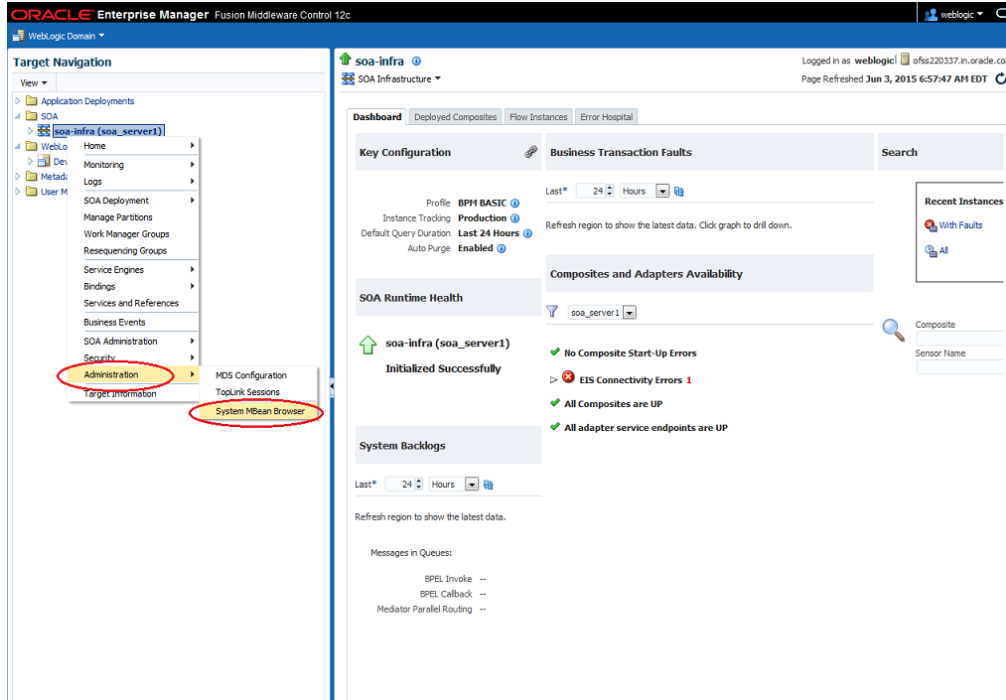
<serviceInstanceRef ref="idstore.db"/>

</jpsContext>

1.2.3 Configuring Work Flow Identity

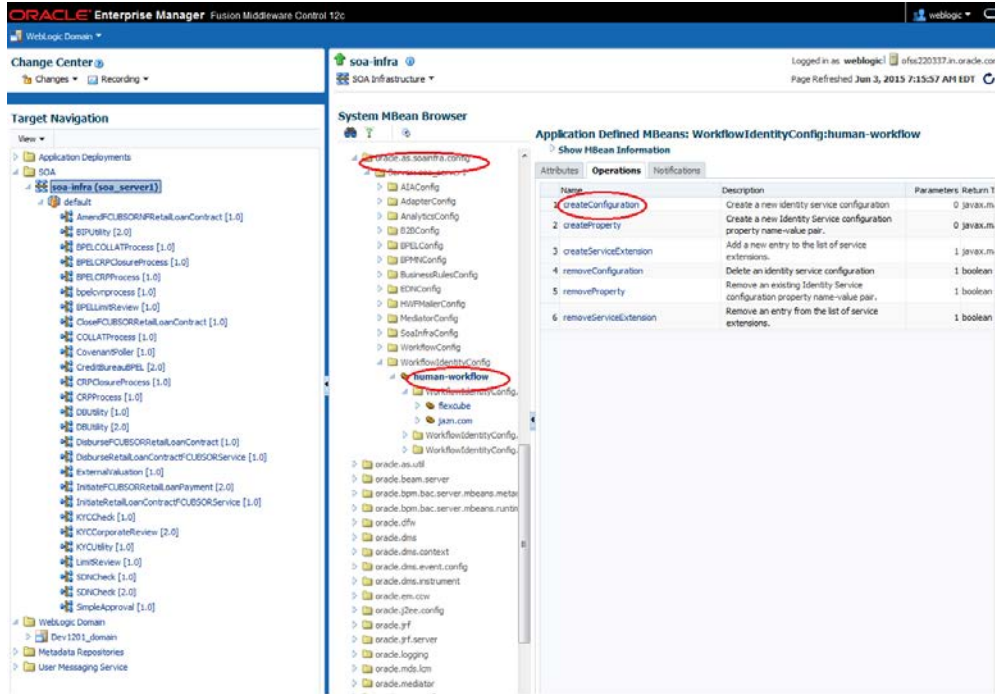
You need to configure the workflow identity details from Enterprise Manager Console of the SOA. To configure workflow identity details, follow the steps given below.

1. Login to EM Console. Expand the SOA.

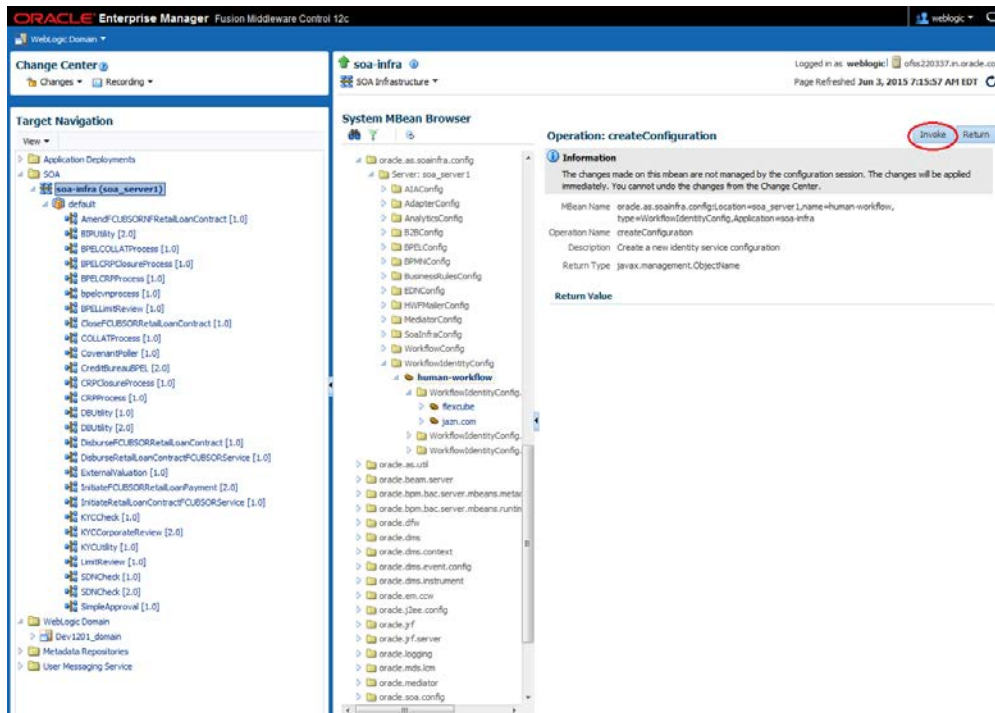


2. Right click 'soa-infra(soa-server1)', choose 'Administration' and click 'System MBean Browser' under it.

- Further, under System MBean Browser, go to 'oracle.as.soainfra.config > Server: soa_server1 > WorkflowIdentityConfig > human-workflow'.



- Under the 'Operations' tab, choose 'createConfiguration' option. The following screen is displayed.

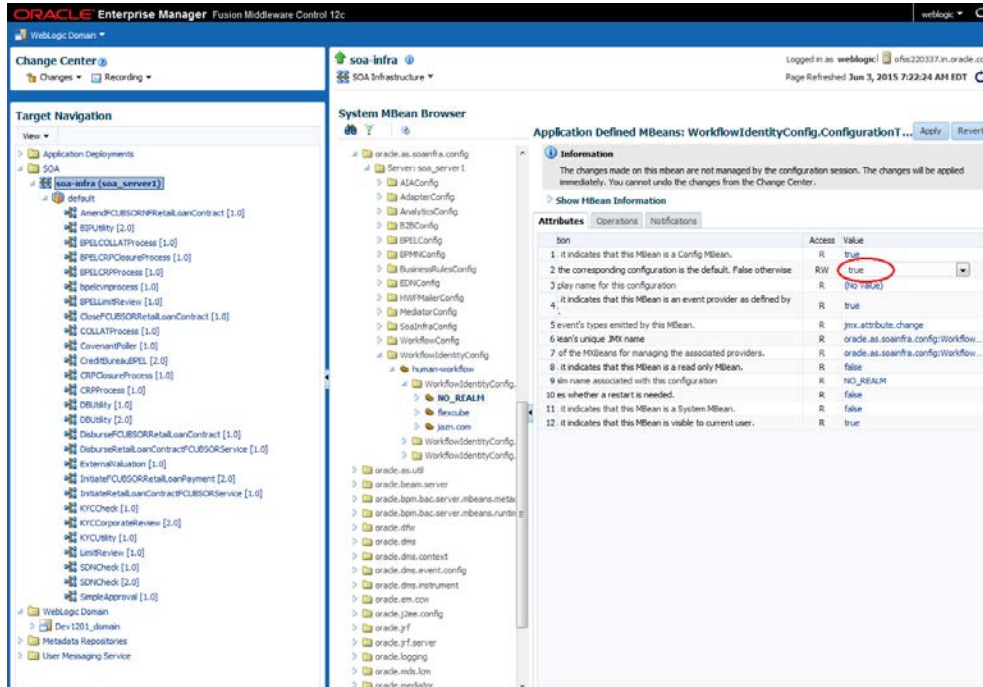


- Click 'Invoke' button.

The SOA displays the following confirmation message.

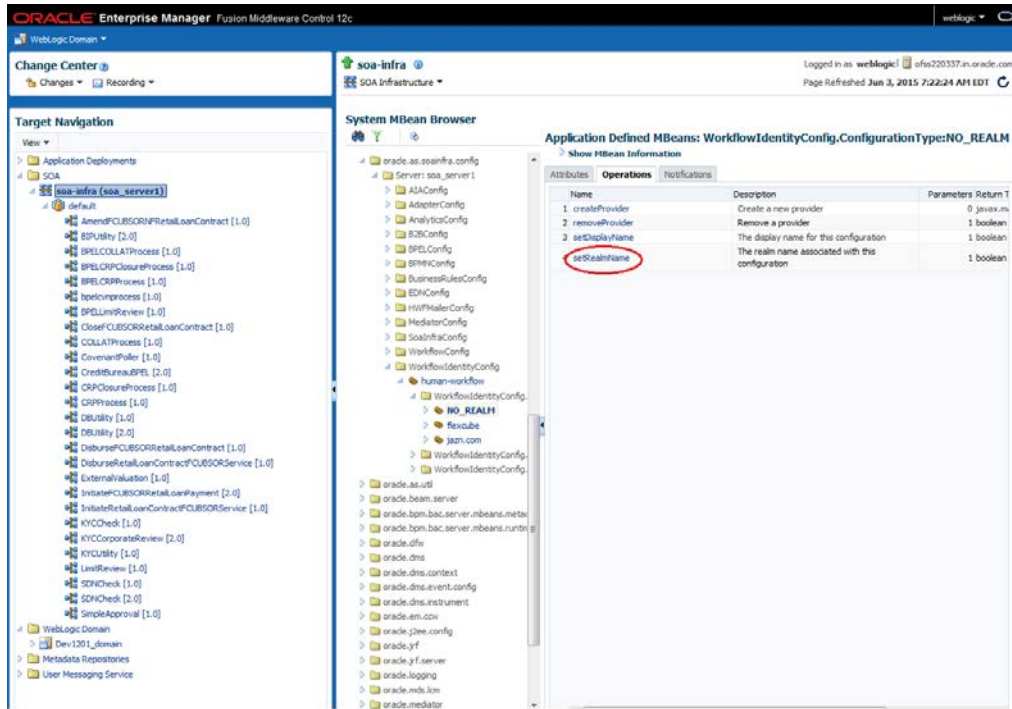
Confirmation
Operation executed successfully.

6. Refresh 'MBean' browser. Go to 'WorkflowIdentityConfig.ConfigurationType' under 'human-workflow'.



7. Click 'NO_REALM'. On the right side, select 'Attributes' tab and change the value of 'Default' from NO_REALM to 'true'.

8. Further, under the 'Operations' tab, click 'setRealmName'.



9. The following screen is displayed:

Operation: setRealmName Invoke Revert Return

Information
 The changes made on this mbean are not managed by the configuration session. The changes will be applied immediately. You cannot undo the changes from the Change Center.

MBean Name oracle.as.soainfra.config:Location=soa_server1,WorkflowIdentityConfig=human-workflow,name=NO_REALM,type=WorkflowIdentityConfig.ConfigurationType,Application=soa-infra
 Operation Name setRealmName
 Description The realm name associated with this configuration
 Return Type boolean

Parameters

Name	Type	Value
p1	java.lang.String	flexcube

Return Value

10. Specify the value of the parameter as 'flexcube' and click 'Invoke' button.
11. Refresh the 'MBean' browser. Go to flexcube > WorkflowIdentityConfig.ConfigurationType.ProviderType > oracle.soa.management.config.identity.ProviderType@.... Under the 'Attributes' tab, you need to make sure that the values of the following attributes are as per the table below:

Attribute	Value
Name	JpsProvider1

PropertyType	JPS
Service	Identity

Application Defined MBeans: WorkflowIdentityConfig.....ProviderType:JPSPProvider1

Apply Revert

Information

The changes made on this mbean are not managed by the configuration session. The changes will be applied immediately. You cannot undo the changes from the Change Center.

▶ Show MBean Information

Attributes		Operations	Notifications
Name	Description	Access	Value
1	ClassName	The class name of the provider.	R (No value)
2	ConfigMBean	If true, it indicates that this MBean is a Config MBean.	R true
3	Connection	Name of the MXBean for managing the associated Connection.	R (No value)
4	eventProvider	If true, it indicates that this MBean is an event provider as defined by JSR-77.	R true
5	eventTypes	All the event's types emitted by this MBean.	R jmx.attribute.change
6	Name	The name of the provider.	RW JPSPProvider1
7	objectName	The MBean's unique JMX name	R oracle.as.soainfra.config:WorkflowIdentityC...
8	Properties	Names of the MXBeans for managing the associated properties.	R oracle.as.soainfra.config:Location=soa_serv...
9	ProviderType	The provider type for this provider configuration.	R JPS
10	ReadOnly	If true, it indicates that this MBean is a read only MBean.	R false
11	RestartNeeded	Indicates whether a restart is needed.	R false
12	RoleControls	Name of the MXBean for managing the associated Role Control.	R (No value)
13	SearchableUserAttributeMap	Name of the Map containing custom attribute mapping. In this map the key is the attributeName used by Identity service and value is the attribute name supported by underlying provider.	R javax.management.openmbean.TabularData...
14	Service	The associated service.	R Identity
15	SystemMBean	If true, it indicates that this MBean is a System MBean.	R false
16	UserControls	Name of the MXBean for managing the associated User Control.	R (No value)
17	Visible	If true, it indicates that this MBean is visible to current user.	R true

12. Under 'Operations' tab, select the operation 'CreateProperty' and click 'Invoke' button. A new Property is created under 'JpsProvider1'.

Application Defined MBeans: WorkflowIdentityConfig.....ProviderType:JPSPProvider1

▶ Show MBean Information

Attributes		Operations	Notifications
Name	Description	Parameters	Return Type
1	addSearchableUserAttributeMap	Add a new Attribute mapping. In this map the key is the attributeName used by Identity service and value is the attribute name supported by underlying provider	2 boolean
2	createConnection	Create a new connection.	0 javax.management.ObjectName
3	createProperty	Create a new property.	0 javax.management.ObjectName
4	createRoleControls	Create a new Role Control.	0 javax.management.ObjectName
5	createUserControls	Create a new User Control.	0 javax.management.ObjectName
6	removeConnection	Remove a connection.	0 boolean
7	removeProperty	Remove a new property.	1 boolean
8	removeRoleControls	Remove Role Control.	0 boolean
9	removeSearchableUserAttributeMap	Remove a Attribute from Map. In this map the key is the attributeName used by Identity service and value is the attribute name supported by underlying provider	1 boolean
10	removeUserControls	Remove User Control.	0 boolean
11	setClassName	The class name of the provider.	1 boolean
12	setProviderType	The provider type for this provider configuration.	1 boolean
13	setService	The associated service.	1 boolean

- Select the new property and change its Name and Value.

Application Defined MBeans: WorkflowIdentityConfig.....PropertyType:jpsContextName


Information: The changes made on this mbean are not managed by the configuration session. The changes will be applied immediately. You cannot undo the changes from the Change Center.

Show MBean Information

Name	Description	Access	Value
1 ConfigMBean	If true, it indicates that this MBean is a Config MBean.	R	true
2 eventProvider	If true, it indicates that this MBean is an event provider as defined by JSR-77.	R	true
3 eventTypes	All the event's types emitted by this MBean.	R	jmx.attribute.change
4 Name	Name of the property	RW	jpsContextName
5 objectName	The MBean's unique JMX name	R	oracle.as.soainfra.config:Workfl
6 ReadOnly	If true, it indicates that this MBean is a read only MBean.	R	false
7 RestartNeeded	Indicates whether a restart is needed.	R	false
8 SystemMBean	If true, it indicates that this MBean is a System MBean.	R	false
9 Value	Value of the property	RW	flex
10 Visible	If true, it indicates that this MBean is visible to current user.	R	true

- You can use the options 'setName' and 'setValue' to update the name and value. Change the name and value as per the following table.

Name	Value
jpsContextName	flex

 The value 'flex' should match the value given for 'jpsContext' during JPS configuration.

- From the 'System MBean Browser' select 'jajn.com'.

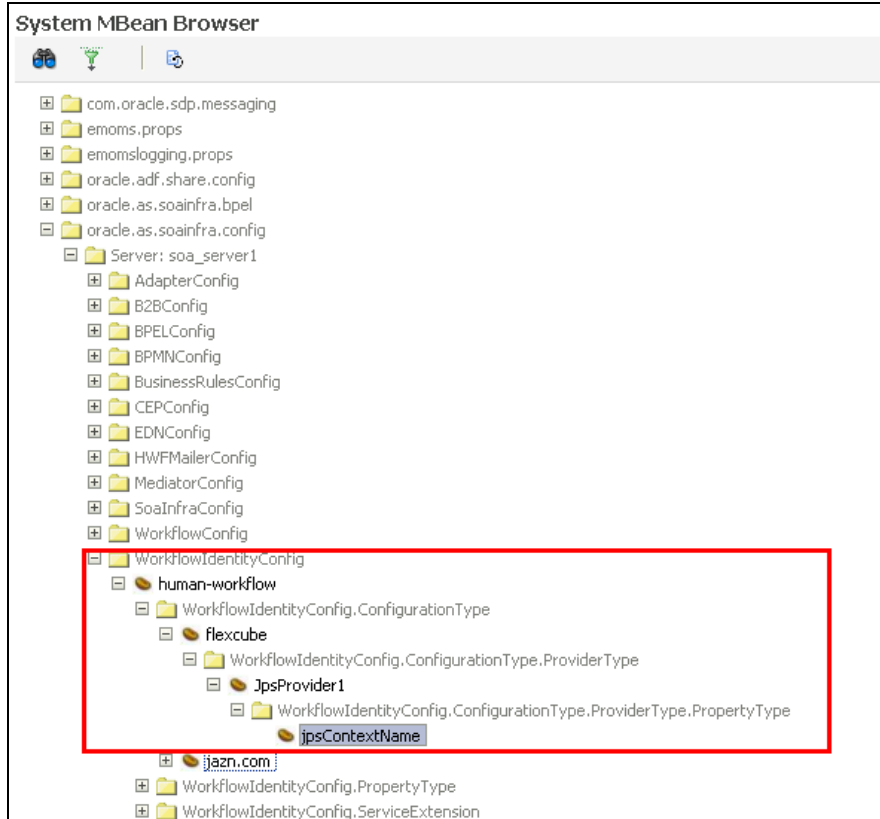
Application Defined MBeans: WorkflowIdentityConfig.ConfigurationType:jajn.com

Show MBean Information

Name	Description	Access	Value
1 ConfigMBean	If true, it indicates that this MBean is a Config MBean.	R	true
2 Default	True if the corresponding configuration is the default. False otherwise	RW	false
3 DisplayName	The display name for this configuration	R	
4 eventProvider	If true, it indicates that this MBean is an event provider as defined by JSR-77.	R	false
5 eventTypes	All the event's types emitted by this MBean.	R	jmx.attribute.change
6 objectName	The MBean's unique JMX name	R	oracle.as.soainfra.config:Workflow
7 Providers	Names of the MBeans for managing the associated providers.	R	oracle.as.soainfra.config:Workflow
8 ReadOnly	If true, it indicates that this MBean is a read only MBean.	R	false
9 RealmName	The realm name associated with this configuration	R	jajn.com
10 RestartNeeded	Indicates whether a restart is needed.	R	false
11 SystemMBean	If true, it indicates that this MBean is a System MBean.	R	false

- Under 'Attributes' tab, change the value of the attribute 'Default' to 'false'.

- Now, restart the Weblogic and SOA servers. After restarting the servers, make sure the structure is as follows.



1.2.4 Configuring Application Users and Policies

To configure application policies refer the attached sample system-jazn-data.xml.



system-jazn-data.xml

- There are four <application/> in the <applications> namely b2bui, OracleBPMProcessRolesApp, soa-infra and OracleBPMComposerRolesApp.
- Navigate to <ORACLE_HOME> /user_projects/domains/base_domain/config/fmwconfig
- Check system-jazn-data.xml available in this location whether <application> is already available in the <applications>
- If the application is not available then paste the application content from the attached file inside the <applications></applications>.
- If the above mentioned <application> is already there then replace the application content with the one available in the attached file.

1.2.5 Configuring CIS

You need to configure the CIS details. Follow the steps given below:

1. Along with the Oracle FLEXCUBE UBS EAR file, the Installer creates 'FCBPELCIS.jar' file.
2. Create a folder by name 'classes' at the location '`<MIDDLEWARE_HOME>soa\soa\modules\oracle.soa.ext_11.1.x'`.
3. Extract the file 'FCBPELCIS.jar' and copy the content of the folder 'com' to: '`<MIDDLEWARE_HOME>soa\soa\modules\oracle.soa.ext_11.1.x\classes'`.
4. Now, navigate to the location '`<MIDDLEWARE_HOME>soa\soa\modules\oracle.soa.ext_11.1.x\classes\com\ofss\fcc\bpe\'` and delete the folders 'dao' and 'security'.
5. Navigate to the location '`<MIDDLEWARE_HOME>soa\soa\modules\oracle.soa.ext_11.1.x\classes\com\ofss\fcc\bpe\cac'`. Edit the properties file 'CISProperties.properties' and update 'JNDI.name' with the JNDI name defined in the properties file 'fcubs.properties'.
6. Delete the folders CAC and soaext contents from the `com\ofss\fcc\bpe\` in FCBPELCIS.jar file location.
7. Copy 'FCBPELCIS.jar' to '`<MIDDLEWARE_HOME>/user_projects/domains/<domain_name>/lib`
8. Once the above steps are completed, restart the server.

1.2.6 Configuring DBAdapter

In order to configure DBAdapter, follow the steps given below.

1. Log in to 'Weblogic Console' and click 'Deployment' under 'Domain Structure'.

Summary of Deployments

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

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

Customize this table

Name	State	Health	Type	Targets	Deployment Order
AgAdapter	Active	OK	Resource Adapter	soa_server1	324
bjb2bul	Active	OK	Enterprise Application	soa_server1	313
bjb2bomComposer	New		Enterprise Application	bam_server1	500
bjb2bomCQService	New		Enterprise Application	bam_server1	300
bjb2bomServer	New		Enterprise Application	bam_server1	400
bjb2BPMComposer	Active	OK	Enterprise Application	soa_server1	385
coherence-transaction-rar	Active	OK	Resource Adapter	AdminServer, bam_server1, soa_server1	100
CoherenceAdapter	Installed		Resource Adapter		331
DbAdapter	Active	OK	Resource Adapter	soa_server1	322
DefaultToDoTaskFlow	Active	OK	Enterprise Application	soa_server1	314
DMIS Application (12.1.3.0.0)	Active	OK	Web Application	AdminServer, bam_server1, soa_server1	5
ejem	Active	OK	Enterprise Application	AdminServer	400
FCCBApp (12.1.0.0)	Prepared	OK	Enterprise Application	soa_server1	500

- In the Deployments table, select 'DbAdapter'. You will be navigated to 'Settings for DbAdapter'.

Settings for DbAdapter

Overview | Deployment Plan | **Configuration** | Security | Targets | Control | Testing | Monitoring | Notes

General | Properties | **Outbound Connection Pools** | Admin Objects | Workload | Instrumentation

This page displays a table of Outbound Connection Pool groups and instances for this resource adapter. The top level entries in the table represent Outbound Connection Pool groups. Groups are listed by connection factory interface and the instances are listed by their JNDI names. Expand a group to obtain configuration information for a Connection Pool instance within an Outbound Connection Pool group. Click the name of a group or instance to configure it. Automatically generated Connection Pools are not displayed in the table below.

Groups and Instances	Connection Factory Interface
javax.resource.cci.ConnectionFactory	javax.resource.cci.ConnectionFactory

- Click 'Configuration' tab and select 'Outbound Connection Pools' under it.
- Under 'Groups and Instances', click and expand 'javax.resource.cci.ConnectionFactory'.
- Click 'New' and select 'javax.resource.cci.ConnectionFactory' in Outbound Connection Group.
- Define 'JNDI Name' as 'eis/DB/FCCDEV' and click on 'Finish'.

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

7. Click 'DbAdapter' again. The new JNDI name is listed.
8. Click on the hyperlink 'eis/DB/FCCDEV'.

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: Dev1201_domain

Change Center

View changes and restarts

Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.

Domain Structure

- Dev1201_domain
 - Environment
 - Deployments
 - Services
 - Security Realms
 - Interoperability
 - Diagnostics

How do I...

- Configure outbound connection pool properties

System Status

Health of Running Servers

- Failed (0)
- Critical (0)
- Overloaded (0)
- Warning (0)
- OK (2)

Settings for javax.resource.cci.ConnectionFactory

General Properties Transaction Authentication Connection Pool Logging

This page allows you to view and modify the configuration properties of this outbound connection pool. Properties you modify here are saved to a deployment plan.

Outbound Connection Properties

Save Showing 1 to 8 of 8 Previous Next

Property Name	Property Type	Property Value	Supports Dynamic Updates
DataSourceName	java.lang.String	jdbc/fcdev05	false
DefaultChar	java.lang.Boolean	false	false
PlatformClassName	java.lang.String	org.eclips.persistence.platform.database.Oracle12Platform	false
SequencePreallocationSize	java.lang.Integer	50	false
UsesBatchWriting	java.lang.Boolean	true	false
UsesBatchSequencing	java.lang.Boolean	true	false
UsesSkipLocking	java.lang.Boolean	true	false
XADataSourceName	java.lang.String		false

Save Showing 1 to 8 of 8 Previous Next

WebLogic Server Version: 12.1.2.0.2
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9. Click the 'Property Value' field for the 'DataSourceName' and update the application JNDI reference (given in 'fcubs.properties' file) and then press 'Enter' key.
10. Save and restart the Adminserver.

1.2.7 Configuring JMS Adapter

Login in to console → Click on JMS Servers→New

soa-infra (SOA Infrastruct... x FC1211QAR2 (Oracle Web... x Home Page - AlphaDoma... x dev_domain (Oracle Web... x Summary of JMS Servers ... x AlphaDomain (Oracle We... x +

10.184.135.218:7001/console/console.portal?_nfpb=true&_pageLabel=HomePage1

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Welcome, admin Connected to: AlphaDomain

Home > AlphaDomain > Summary of JMS Servers

Change Center
View changes and restarts
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.

Domain Structure
AlphaDomain
Environment
Servers
Clusters
Coherence Clusters
Machines
Virtual Hosts
Work Managers
Startup and Shutdown Classes
Deployments
Services
Messaging
JMS Servers
Store-and-Forward Agents

How do I...
Search the configuration
Use the Change Center
Record WLST Scripts
Change Console preferences
Manage Console extensions
Monitor servers

System Status
Health of Running Servers
Failed (0)
Critical (0)
Overloaded (0)
Warning (0)
OK (2)

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Information and Resources
Helpful Tools
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Domain Configurations
Domain
Environment
Your Deployed Resources
Your Application's Security Settings
Services
Messaging
Interoperability
Diagnostics
Charts and Graphs

Helpful Tools

- Configure applications
- Configure GridLink for RAC Data Source
- Configure a Dynamic Cluster
- Recent Task Status
- Set your console preferences
- Oracle Enterprise Manager

General Information

- Common Administration Task Descriptions
- Read the documentation
- Ask a question on My Oracle Support

Domain Configurations
Domain

- Domain

Environment

- Servers
- Clusters
 - Server Templates
 - Migratable Targets
- Coherence Clusters
- Machines
- Virtual Hosts
- Work Managers
- Startup And Shutdown Classes

Your Deployed Resources

- Deployments

Your Application's Security Settings

- Security Realms

Services

- Messaging
 - JMS Servers
 - Store-and-Forward Agents
 - JMS Modules
 - Path Services
 - Bridges
- Data Sources
- Persistent Stores
- XML Registries
- XML Entity Caches
- Foreign JNDI Providers
- Work Contexts
- JCOM
- Mail Sessions
- FileT3
- JTA
- OSGi Frameworks

Interoperability

- WTC Servers
- Jolt Connection Pools

Diagnostics

- Log Files
- Diagnostic Modules
- Built-in Diagnostic Modules
- Diagnostic Images
- Request Performance
- Archives
- Context
- SNMP

Charts and Graphs

- Monitoring Dashboard

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ORACLE WebLogic Server Administration Console 12c

Home > AlphaDomain > Summary of JMS Servers

Summary of JMS Servers

JMS servers act as management containers for the queues and topics in JMS modules that are targeted to them. This page summarizes the JMS servers that have been created in the current WebLogic Server domain.

Customize this table

JMS Servers (Filtered - More Columns Exist)

New Delete Showing 1 to 8 of 8 Previous | Next

<input type="checkbox"/>	Name ↕	Persistent Store	Target	Current Target	Health
<input type="checkbox"/>	BamAlertEngineJmsServer	BamAlertEngineJmsFileStore	BAMServer	BAMServer	
<input type="checkbox"/>	BamCQServiceJmsServer_BAMServer	BamCQServiceJmsFileStore_BAMServer	BAMServer	BAMServer	
<input type="checkbox"/>	BamReportCacheJmsServer	BamReportCacheJmsFileStore	BAMServer	BAMServer	
<input type="checkbox"/>	BamServerJmsServer_BAMServer	BamServerJmsFileStore_BAMServer	BAMServer	BAMServer	
<input type="checkbox"/>	BPMJmsServer	BPMJmsFileStore	SOAServer	SOAServer	OK
<input type="checkbox"/>	SOAJmsServer	SOAJmsFileStore	SOAServer	SOAServer	OK
<input type="checkbox"/>	UMSJmsServer_auto_1	UMSJmsFileStore_auto_1	BAMServer	BAMServer	OK
<input type="checkbox"/>	UMSJmsServer_auto_2	UMSJmsFileStore_auto_2	SOAServer	SOAServer	OK

New Delete Showing 1 to 8 of 8 Previous | Next

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11. Please provide the below Name for JMS Server and select the file persistent store as below→Next

The screenshot displays the Oracle WebLogic Server Administration Console 12c interface. The main window is titled "Create a New JMS Server" and is currently at the "JMS Server Properties" step. The "Name" field is populated with "FCUBS.JMSServer". The "Persistent Store" dropdown is set to "SOAJMSFileStore". The left sidebar shows the "Domain Structure" tree with "AlphaDomain" expanded, and the "System Status" section showing "Health of Running Servers" with 2 servers in "OK" status. The bottom of the console displays the version "12.1.3.0.0" and copyright information.



12. Select the target as SOA Server →Finish

soa-infra (SOA Infrastruct... x FC1211QAR2 (Oracle Web... x Create a New JMS Server ... x dev_domain (Oracle Web... x Summary of JMS Servers ... x AlphaDomain (Oracle We... x +

10.184.135.218:7001/console/console.portal?jmsServerCreateJMServerPortlet_actionOverride=/com/bean/console/actions/jms/server/createj

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help Welcome, admin Connected to: AlphaDomain

Home > AlphaDomain > Summary of JMS Servers

Create a New JMS Server

Back Next Finish Cancel

Select targets

Select the server instance or migratable target on which you would like to deploy this JMS Server.

Target: SOAServer

Back Next Finish Cancel

Change Center
View changes and restarts
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.

Domain Structure

- AlphaDomain
 - Environment
 - Servers
 - Clusters
 - Coherence Clusters
 - Machines
 - Virtual Hosts
 - Work Managers
 - Startup and Shutdown Classes
 - Deployments
 - Services
 - Messaging
 - JMS Servers
 - Store-and-Forward Agents

How do I...

- Configure JMS system modules
- Configure custom persistent stores

System Status

Health of Running Servers

Failed (0)
Critical (0)
Overloaded (0)
Warning (0)
OK (2)

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10.184.135.218:7001/console/console.portal?_nfpb=true&_pageLabel=JmsServerJMServerTabPage

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help Welcome, admin Connected to: AlphaDomain

Home > AlphaDomain > Summary of JMS Servers

Messages

- All changes have been activated. No restarts are necessary.
- JMS Server created successfully

Summary of JMS Servers

JMS servers act as management containers for the queues and topics in JMS modules that are targeted to them. This page summarizes the JMS servers that have been created in the current WebLogic Server domain.

Customize this table

JMS Servers (Filtered - More Columns Exist)

New Delete Showing 1 to 9 of 9 Previous | Next

Name	Persistent Store	Target	Current Target	Health
BamAlertEngine.JmsServ	BamAlertEngine.JmsFileStore	BAMServer	BAMServer	
BamCQService.JmsServer_BAMServer	BamCQService.JmsFileStore_BAMServer	BAMServer	BAMServer	
BamReportCache.JmsServer	BamReportCache.JmsFileStore	BAMServer	BAMServer	
BamServer.JmsServer_BAMServer	BamServer.JmsFileStore_BAMServer	BAMServer	BAMServer	
BPM.JMServer	BPM.JMSFileStore	SOAServer	SOAServer	OK
FCUBS.JMServer	SOA.JMSFileStore	SOAServer	SOAServer	OK
SOA.JMServer	SOA.JMSFileStore	SOAServer	SOAServer	OK
UMS.JMServer_auto_1	UMS.JMSFileStore_auto_1	BAMServer	BAMServer	
UMS.JMServer_auto_2	UMS.JMSFileStore_auto_2	SOAServer	SOAServer	OK

New Delete Showing 1 to 9 of 9 Previous | Next

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4. Go back to Console → JMS Modules → New

soa-infra (SOA Instruct... x FC1211QAR2 (Oracle Web... x Home Page - AlphaDoma... x dev_domain (Oracle Web... x Summary of JMS Servers ... x AlphaDomain (Oracle We... x +

10.184.135.218:7001/console/console.portal?_nfpb=true&_pageLabel=HomePage1

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help Welcome, admin Connected to: AlphaDomain

Home > AlphaDomain > Summary of JMS Servers > Summary of JMS Modules

Change Center
View changes and restarts
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.

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Coherence Clusters
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Store-and-Forward Agents

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Manage Console extensions
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Health of Running Servers
Failed (0)
Critical (0)
Overloaded (0)
Warning (0)
OK (2)

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General Information
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Path Services
Bridges
Data Sources
Persistent Stores
XML Registries
XML Entity Caches
Foreign JNDI Providers
Work Contexts
JCOM
Mail Sessions
FileT3
JTA
OSGI Frameworks

Interoperability
WTC Servers
Jolt Connection Pools

Diagnostics
Log Files
Diagnostic Modules
Built-in Diagnostic Modules
Diagnostic Images
Request Performance
Archives
Context
SNMP

Charts and Graphs
Monitoring Dashboard

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10.184.135.218:7001/console/console.portal?_nfpb=true&_pageLabel=JmsModulesTabPage

Windows taskbar showing icons for Internet Explorer, Firefox, Chrome, and other applications. System tray shows the time as 11:44 AM on 6/23/2015.

The screenshot shows the Oracle WebLogic Server Administration Console interface. The main content area is titled "Summary of JMS Modules". It contains a table of JMS modules with columns for "Name" and "Type". The table lists the following modules:

Name	Type
BamAlertEngineJmsSystemModule	System
BamCQServiceJmsSystemResource_BAMServer	System
BamReportCacheJmsSystemModule	System
BamServerJmsSystemResource	System
BPMJmsModule	System
SOAJmsModule	System
UMSAQJmsSystemResource	System
UMSJmsSystemResource	System

On the left side of the console, there are several panels: "Change Center", "Domain Structure" (showing a tree view of the environment), "How do I...", and "System Status" (showing health of running servers).



5. Create a JMS Module with the below Name→Next→Select the target as SOA Server→Finish

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10.184.135.218:7001/console/console.portal?CreateJMSSystemModulePortletreturnTo=JmsModulesTablePage&JmsModulesTablePortletName= Google

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help Welcome, admin Connected to: AlphaDomain

Home > AlphaDomain > Summary of JMS Servers > Summary of JMS Modules

Create JMS System Module

Back Next Finish Cancel

The following properties will be used to identify your new module.

JMS system resources are configured and stored as modules similar to standard J2EE modules. Such resources include queues, topics, connection factories, templates, destination keys, quota, distributed queues, distributed topics, foreign servers, and JMS store-and-forward (SAF) parameters. You can administratively configure and manage JMS system modules as global system resources.

* Indicates required fields

What would you like to name your System Module?

Name:

What would you like to name the descriptor file name? If you do not provide a name, a default will be assigned.

Descriptor File Name:

Where would you like to place the descriptor for this System Module, relative to the jms configuration sub-directory of your domain?

Location In Domain:

Back Next Finish Cancel

Change Center

View changes and restarts

Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.

Domain Structure

AlphaDomain

- Environment
 - Servers
 - Clusters
 - Coherence Clusters
 - Machines
 - Virtual Hosts
 - Work Managers
 - Startup and Shutdown Classes
 - Deployments
 - Services
 - Messaging
 - JMS Servers
 - Store-and-Forward Agents

How do I...

- Configure JMS system modules
- Configure JMS servers

System Status

Health of Running Servers

<div style="width: 10px; height: 10px; background-color: red; border: 1px solid black;"></div>	Failed (0)
<div style="width: 10px; height: 10px; background-color: orange; border: 1px solid black;"></div>	Critical (0)
<div style="width: 10px; height: 10px; background-color: yellow; border: 1px solid black;"></div>	Overloaded (0)
<div style="width: 10px; height: 10px; background-color: lightgreen; border: 1px solid black;"></div>	Warning (0)
<div style="width: 10px; height: 10px; background-color: green; border: 1px solid black;"></div>	OK (2)

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10.184.135.218:7001/console/console.portal?CreateJMSSystemModulePortlet_actionOverride=/com/bee/console/actions/jms/modules/syste

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help Welcome, admin Connected to: AlphaDomain

Home > AlphaDomain > Summary of JMS Servers > Summary of JMS Modules

Create JMS System Module

Back Next Finish Cancel

The following properties will be used to target your new JMS system module.

Use this page to select the server or cluster on which you would like to deploy this JMS system module. You can reconfigure targets later if you wish.

Targets :

Servers	
<input type="checkbox"/>	AdminServer
<input type="checkbox"/>	BAHServer
<input checked="" type="checkbox"/>	SOAServer

Back Next Finish Cancel

Change Center
View changes and restarts
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.

Domain Structure
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Coherence Clusters
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JMS Servers
Store-and-Forward Agents

How do I...
Configure JMS system modules
Configure JMS servers

System Status
Health of Running Servers
Failed (0)
Critical (0)
Overloaded (0)
Warning (0)
OK (2)

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soa-infra (SOA Infrastruct... x FC1211QAR2 (Oracle Web... x Settings for FCUBSJMSM... x dev_domain (Oracle Web... x Summary of JMS Servers ... x AlphaDomain (Oracle We... x +

10.184.135.218:7001/console/console.portal?_nfpb=true&_pageLabel=JMSSystemModuleConfigGeneralPage&JMSSystemModuleConfigGen

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help Welcome, admin Connected to: AlphaDomain

Change Center
View changes and restarts
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.

Domain Structure
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Machines
Virtual Hosts
Work Managers
Startup and Shutdown Classes
Deployments
Services
Messaging
JMS Servers
Store-and-Forward Agents

How do I...
No task help found.

System Status
Health of Running Servers
Failed (0)
Critical (0)
Overloaded (0)
Warning (0)
OK (2)

Messages
All changes have been activated. No restarts are necessary.
The JMS module was created successfully.

Settings for FCUBSJMSModule
Configuration Subdeployments Targets Security Notes

This page displays general information about a JMS system module and its resources. It also allows you to configure new resources and access existing resources.

Name: FCUBSJMSModule The name of this JMS system module. More Info...

Descriptor File Name: jms/fcubsjmsmodule-jms.xml The name of the JMS module descriptor file. More Info...

This page summarizes the JMS resources that have been created for this JMS system module, including queue and topic destinations, connection factories, JMS templates, destination sort keys, destination quota, distributed destinations, foreign servers, and store-and-forward parameters.

Customize this table

Summary of Resources
New Delete Showing 0 to 0 of 0 Previous | Next

Name	Type	JNDI Name	Subdeployment	Targets
There are no items to display				

New Delete Showing 0 to 0 of 0 Previous | Next

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6. Go back to JMS Modules→FCUBSJMSModule→New

The screenshot shows the Oracle WebLogic Server Administration Console 12c interface. The browser address bar shows the URL: 10.184.135.218:7001/console/console.portal?_nfpb=true&_pageLabel=JMSSystemModuleConfigGeneralPage&handle=com.bea.console.han. The page title is "Settings for FCUBSJMSModule".

On the left side, there are several panels:

- Change Center:** View changes and restarts. Configuration editing is enabled.
- Domain Structure:** A tree view showing the hierarchy: AlphaDomain > Environment > Servers > Clusters > Coherence Clusters > Machines > Virtual Hosts > Work Managers > Startup and Shutdown Classes > Deployments > Services > Messaging > JMS Servers > Store-and-Forward Agents.
- How do I...:** No task help found.
- System Status:** Health of Running Servers: Failed (0), Critical (0), Overloaded (0), Warning (0), OK (2).

The main content area shows the "Settings for FCUBSJMSModule" page with tabs for Configuration, Subdeployments, Targets, Security, and Notes. The "Configuration" tab is active. It contains the following information:

- Name:** FCUBSJMSModule (The name of this JMS system module. [More Info...](#))
- Descriptor File Name:** jms/fcubsjmsmodule-jms.xml (The name of the JMS module descriptor file. [More Info...](#))

 Below this, there is a "Summary of Resources" section with a table. The table has columns: Name, Type, JNDI Name, Subdeployment, and Targets. The table is currently empty, displaying "There are no items to display".

At the bottom of the console, the version information is displayed: WebLogic Server Version: 12.1.3.0.0. Copyright (c) 1996-2014, Oracle and/or its affiliates. All rights reserved. Oracle is a registered trademark of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.



7. Click on Connection Factory → next → Create the connection Factory with the below Names → Next

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10.184.135.218:7001/console/console.portal?_nfpb=true&_pageLabel=JmsCreateSystemModuleEntity&JmsCreateSystemModuleEntityPortlet

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help Welcome, admin Connected to: AlphaDomain

Change Center
View changes and restarts
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.

Domain Structure
AlphaDomain
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Work Managers
Startup and Shutdown Classes
Deployments
Services
Messaging
JMS Servers
Store-and-Forward Agents

How do I...
• Configure quotas for destinations
• Configure JMS templates
• Configure destination keys
• Configure topics
• Configure queues
• Configure connection factories
• Configure uniform distributed topics
• Configure uniform distributed queues
• Configure foreign servers
• Configure JMS SAF

System Status
Health of Running Servers
Failed (0)
Critical (0)
Overloaded (0)
Warning (0)
OK (2)

Create a New JMS System Module Resource
Back Next Finish Cancel

Choose the type of resource you want to create.

Use these pages to create resources in a JMS system module, such as queues, topics, templates, and connection factories.

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 factories, distributed queues and topics, foreign servers, and JMS SAF destinations, you can also proceed to targeting pages for selecting appropriate server targets. You can also associate targetable resources with subdeployments, which is an advanced mechanism for grouping JMS module resources and the members to server resources.

- Connection Factory** Defines a set of connection configuration parameters that are used to create connections for JMS clients. [More Info...](#)
- Queue** Defines a point-to-point destination type, which are used for asynchronous peer communications. A message delivered to a queue is distributed to only one consumer. [More Info...](#)
- Topic** Defines a publish/subscribe destination type, which are used for asynchronous peer communications. A message delivered to a topic is distributed to all topic consumers. [More Info...](#)
- Distributed Queue** Defines a set of queues that are distributed on multiple JMS servers, but which are accessible as a single, logical queue to JMS clients. [More Info...](#)
- Distributed Topic** Defines a set of topics that are distributed on multiple JMS servers, but which are accessible as a single, logical topic to JMS clients. [More Info...](#)
- Foreign Server** Defines foreign messaging providers or remote WebLogic Server instances that are not part of the current domain. [More Info...](#)
- Quota** Controls the allotment of system resources available to destinations. [More Info...](#)
- Destination Sort Key** Defines a unique sort order that destinations can apply to arriving messages. [More Info...](#)
- JMS Template** Defines a set of default configuration settings for multiple destinations. [More Info...](#)
- SAF Imported Destinations** Defines a collection of imported store-and-forward (SAF) destinations. A SAF destination is a representation of a queue or topic in a remote server instance or cluster that is imported into the local cluster or server instance, so that the local server instance or cluster can send messages to the remote server instance or cluster. [More Info...](#)
- Remote SAF Context** Defines the URL of the remote server instance or cluster where a JMS

11:52 AM
6/23/2015

The screenshot displays the Oracle WebLogic Server Administration Console 12c interface. The main window is titled "Create a New JMS System Module Resource" for the "FCUBSJMSModule". The configuration page includes the following sections and fields:

- Connection Factory Properties:**
 - Name:
 - JNDI Name:
 - Subscription Sharing Policy:
 - Client ID Policy:
 - Maximum Messages per Session:
- XA Connection Factory Enabled:**

The left sidebar contains a "Domain Structure" tree and a "System Status" section showing the health of running servers (Failed: 0, Critical: 0, Overloaded: 0, Warning: 0, OK: 2).

8. Select Advanced targeting → create New Sub Deployment with the below Name → Select the target as JMS server which we have created on top → Finish

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10.184.135.218:7001/console/console.portal?jmsCreateSystemModuleEntityPortlet_actionOverride=/com/bee/console/actions/jms/connecti Google

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help Welcome, admin Connected to: AlphaDomain

Home > Summary of JMS Modules > FCUBSJMSModule > Summary of JMS Modules > FCUBSJMSModule > FCUBSConnectionFactory > Summary of JMS Modules > FCUBSJMSModule > Summary of JMS Modules > FCUBSJMSModule > placeholder

Create a New JMS System Module Resource

Back Next Finish Advanced Targeting Cancel

The following properties will be used to target your new JMS system module resource

Use this page to view and accept the default targets where this JMS resource will be targeted. The default targets are based on the parent JMS system module targets. If you do not want to accept the default targets, then click **Advanced Targeting** to use the subdeployment mechanism for targeting this resource.

The following JMS module targets will be used as the default targets for your new JMS system module resource. If the module's targets are changed, this resource will also be retargeted appropriately.

Targets :

Servers	
<input checked="" type="checkbox"/>	SOAServer

Back Next Finish Advanced Targeting Cancel

Change Center
View changes and restarts
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.

Domain Structure
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- Configure JMS templates
- Configure destination keys
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- 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

Failed (0)
Critical (0)
Overloaded (0)
Warning (0)
OK (2)

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10.184.135.218:7001/console/console.portal?jmsCreateSystemModuleEntityPortlet_actionOverride=/com/bea/console/actions/jms/connecti Google

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help Welcome, admin Connected to: AlphaDomain

Home > Summary of JMS Modules > FCUBSJMSModule > Summary of JMS Modules > FCUBSJMSModule > FCUBSConnectionFactory > Summary of JMS Modules > FCUBSJMSModule > Summary of JMS Modules > FCUBSJMSModule > placeholder

Create a New JMS System Module Resource

Back Next Finish Cancel

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, cluster, 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.

Subdeployments: (none) **Create a New Subdeployment**

What targets do you want to assign to this subdeployment?

Targets:

Back Next Finish Cancel

Change Center

View changes and restarts

Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.

Domain Structure

AlphaDomain

- Environment
 - Servers
 - Clusters
 - Coherence Clusters
 - Machines
 - Virtual Hosts
 - Work Managers
 - Startup and Shutdown Classes
- Deployments
- Services
 - Messaging
 - JMS Servers
 - Store-and-Forward Agents

How do I...

- Configure quotas for destinations
- Configure JMS templates
- Configure destination keys
- Configure topics
- Configure queues
- Configure connection factories
- Configure uniform distributed topics
- Configure uniform distributed queues
- Configure foreign servers
- Configure JMS SAF

System Status

Health of Running Servers

Failed (0)
Critical (0)
Overloaded (0)
Warning (0)
OK (2)

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10.184.135.218:7001/console/console.portal?jmsCreateSystemModuleEntityPortlet_actionOverride=/com/bea/console/actions/jms/target/n... Google

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help Welcome, admin Connected to: AlphaDomain

Home > Summary of JMS Modules > FCUBSJMSModule > Summary of JMS Modules > FCUBSJMSModule > FCUBSConnectionFactory > Summary of JMS Modules > FCUBSJMSModule > Summary of JMS Modules > FCUBSJMSModule > placeholder

Create a New Subdeployment

OK Cancel

Subdeployment Properties

The following properties will be used to identify your new subdeployment.

Subdeployment Name: FCUBS

OK Cancel

Change Center

View changes and restarts

Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.

Domain Structure

AlphaDomain

- Environment
 - Servers
 - Clusters
 - Coherence Clusters
 - Machines
 - Virtual Hosts
 - Work Managers
 - Startup and Shutdown Classes
 - Deployments
- Services
 - Messaging
 - JMS Servers
 - Store-and-Forward Agents

How do I...

- Configure quotas for destinations
- Configure JMS templates
- Configure destination keys
- Configure topics
- Configure queues
- Configure connection factories
- Configure uniform distributed topics
- Configure uniform distributed queues
- Configure foreign servers
- Configure JMS SAF

System Status

Health of Running Servers

Failed	(0)
Critical	(0)
Overloaded	(0)
Warning	(0)
OK	(2)

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ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help Welcome, admin Connected to: AlphaDomain

Home > Summary of JMS Modules > FCUBSJMSModule > Summary of JMS Modules > FCUBSJMSModule > FCUBSConnectionFactory > Summary of JMS Modules > FCUBSJMSModule > Summary of JMS Modules > FCUBSJMSModule > placeholder

Create a New JMS System Module Resource

Back Next Finish Cancel

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, cluster, 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.

Subdeployments: FCUBS Create a New Subdeployment

What targets do you want to assign to this subdeployment?

Targets:

Servers

SOAServer

JMS Servers

BPHJMServer

FCUBSJMServer

SOAJMServer

UMJMServer_auto_2

Back Next Finish Cancel

Change Center

View changes and restarts

Pending changes exist. They must be activated to take effect. You may activate them now. Otherwise, they will be automatically activated when you next modify, add or delete items in this domain.

Activate Changes

Undo All Changes

Domain Structure

AlphaDomain

- Environment
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How do I...

- Configure quotas for destinations
- Configure JMS templates
- Configure destination keys
- Configure topics
- Configure queues
- Configure connection factories
- Configure uniform distributed topics
- Configure uniform distributed queues
- Configure foreign servers
- Configure JMS SAF

System Status

Health of Running Servers

Failed (0)

Critical (0)

Overloaded (0)

Warning (0)

OK (2)

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Home Log Out Preferences Record Help Welcome, admin Connected to: AlphaDomain

Home > Summary of JMS Modules > FCUBSJMSModule > Summary of JMS Modules > FCUBSJMSModule > FCUBSConnectionFactory > Summary of JMS Modules > FCUBSJMSModule > Summary of JMS Modules > FCUBSJMSModule > placeholder

Messages

- All changes have been activated. No restarts are necessary.
- Connection factory created successfully.

Settings for FCUBSJMSModule

Configuration Subdeployments Targets Security Notes

This page displays general information about a JMS system module and its resources. It also allows you to configure new resources and access existing resources.

Name: FCUBSJMSModule The name of this JMS system module. [More Info...](#)

Descriptor File Name: jms/fcubsjmsmodule-jms.xml The name of the JMS module descriptor file. [More Info...](#)

This page summarizes the JMS resources that have been created for this JMS system module, including queue and topic destinations, connection factories, JMS templates, destination sort keys, destination quota, distributed destinations, foreign servers, and store-and-forward parameters.

[Customize this table](#)

Summary of Resources

New Delete Showing 1 to 1 of 1 Previous | Next

Name	Type	JNDI Name	Subdeployment	Targets
FCUBSConnectionFactory	Connection Factory	jndi/FCUBSConnectionFactory	FCUBS	FCUBSJMSServer

New Delete Showing 1 to 1 of 1 Previous | Next

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Home > Summary of JMS Modules > FCUBSJMSModule > Summary of JMS Modules > FCUBSJMSModule > FCUBSConnectionFactory > Summary of JMS Modules > FCUBSJMSModule > Summary of JMS Modules > FCUBSJMSModule > placeholder

Messages

- ✓ All changes have been activated. No restarts are necessary.
- ✓ Connection factory created successfully.

Settings for FCUBSJMSModule

Configuration | Subdeployments | Targets | Security | Notes

This page displays general information about a JMS system module and its resources. It also allows you to configure new resources and access existing resources.

Name: FCUBSJMSModule The name of this JMS system module. [More Info...](#)

Descriptor File Name: jms/FCUBSJMSModule-jms.xml The name of the JMS module descriptor file. [More Info...](#)

This page summarizes the JMS resources that have been created for this JMS system module, including queue and topic destinations, connection factories, JMS templates, destination sort keys, destination quota, distributed destinations, foreign servers, and store-and-forward parameters.

[Customize this table](#)

Summary of Resources

New Delete Showing 1 to 1 of 1 Previous | Next

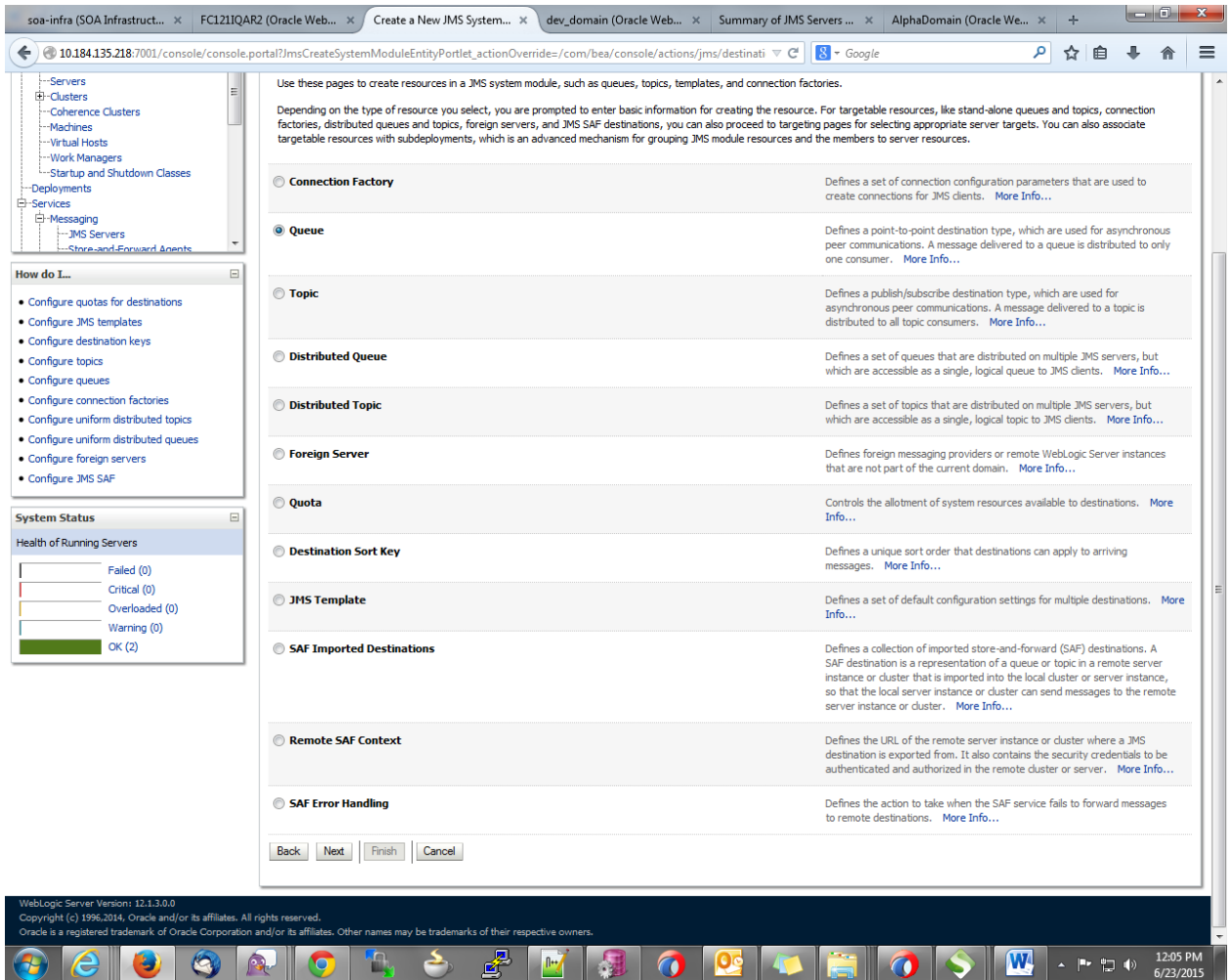
Name	Type	JNDI Name	Subdeployment	Targets
FCUBSConnectionFactory	Connection Factory	jndi/FCUBSConnectionFactory	FCUBS	FCUBSJMSServer

New Delete Showing 1 to 1 of 1 Previous | Next

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9. Go back to console → Click on JMS Modules → New → check on Queue → next



10. Create Queue with Name NOTIFY_DEST_QUEUE and JNDI name as jms/NOTIFY_DEST_QUEUE → select the sub deployment which we have created earlier → Next → Finish

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10.184.135.218:7001/console/console.portal?jmsCreateSystemModuleEntityPortlet_actionOverride=/com/bee/console/actions/jms/modules

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help Welcome, admin Connected to: AlphaDomain

Home > Summary of JMS Modules > FCUBSJMSModule > Summary of JMS Modules > FCUBSJMSModule > FCUBSConnectionFactory > Summary of JMS Modules > FCUBSJMSModule > Summary of JMS Modules > FCUBSJMSModule > placeholder

Create a New JMS System Module Resource

Back Next Finish Cancel

JMS Destination Properties

The following properties will be used to identify your new Queue. The current module is FCUBSJMSModule.

* Indicates required fields

Name: NOTIFY_DEST_QUEL

JNDI Name: jms/NOTIFY_DEST_QUEUE

Template: None

Back Next Finish Cancel

Change Center

View changes and restarts

Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.

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 - Store-and-Forward Agents

How do I...

- Configure quotas for destinations
- Configure JMS templates
- Configure destination keys
- Configure topics
- Configure queues
- Configure connection factories
- Configure uniform distributed topics
- Configure uniform distributed queues
- Configure foreign servers
- Configure JMS SAF

System Status

Health of Running Servers

Failed (0)
Critical (0)
Overloaded (0)
Warning (0)
OK (2)

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ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help Welcome, admin Connected to: AlphaDomain

Home > Summary of JMS Modules > FCUBSJMSModule > Summary of JMS Modules > FCUBSJMSModule > FCUBSConnectionFactory > Summary of JMS Modules > FCUBSJMSModule > Summary of JMS Modules > FCUBSJMSModule > placeholder

Change Center
View changes and restarts
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.

Domain Structure
AlphaDomain
Environment
Servers
Clusters
Coherence Clusters
Machines
Virtual Hosts
Work Managers
Startup and Shutdown Classes
Deployments
Services
Messaging
JMS Servers
Store-and-Forward Agents

How do I...

- Configure quotas for destinations
- Configure JMS templates
- Configure destination keys
- Configure topics
- Configure queues
- Configure connection factories
- Configure uniform distributed topics
- Configure uniform distributed queues
- Configure foreign servers
- Configure JMS SAF

System Status
Health of Running Servers

Failed (0)
Critical (0)
Overloaded (0)
Warning (0)
OK (2)

Create a New JMS System Module Resource

Back Next Finish Cancel

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, cluster, 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.

Subdeployments: FCUBS Create a New Subdeployment

What targets do you want to assign to this subdeployment?

Targets:

JMS Servers
<input type="radio"/> BPHJMServer
<input checked="" type="radio"/> FCUBSJMServer
<input type="radio"/> SOAJMServer
<input type="radio"/> UMSJMServer_auto_2

Back Next Finish Cancel

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Home > Summary of JMS Modules > FCUBSJMSModule > Summary of JMS Modules > FCUBSJMSModule > FCUBSConnectionFactory > Summary of JMS Modules > FCUBSJMSModule > Summary of JMS Modules > FCUBSJMSModule > placeholder

Messages

- ✓ All changes have been activated. No restarts are necessary.
- ✓ The JMS Queue was created successfully.

Settings for FCUBSJMSModule

Configuration Subdeployments Targets Security Notes

This page displays general information about a JMS system module and its resources. It also allows you to configure new resources and access existing resources.

Name: FCUBSJMSModule The name of this JMS system module. [More Info...](#)

Descriptor File Name: jms/FCUBSJMSModule-jms.xml The name of the JMS module descriptor file. [More Info...](#)

This page summarizes the JMS resources that have been created for this JMS system module, including queue and topic destinations, connection factories, JMS templates, destination sort keys, destination quota, distributed destinations, foreign servers, and store-and-forward parameters.

Customize this table

Summary of Resources

New Delete Showing 1 to 2 of 2 Previous | Next

Name	Type	JNDI Name	Subdeployment	Targets
FCUBSConnectionFactory	Connection Factory	jndi/FCUBSConnectionFactory	FCUBS	FCUBSJMSServer
NOTIFY_DEST_QUEUE	Queue	jms/NOTIFY_DEST_QUEUE	FCUBS	FCUBSJMSServer

New Delete Showing 1 to 2 of 2 Previous | Next

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11. Please create the **MDB_QUEUE_RESPONSE**, **eis/jms/ORGateway**, **FAULT_QUEUE_RESPONSE** Queues as above in console with in **FCUBSJMSModule**. (Follow step 9-10 in 1.2.7)

12. Go to Console → Deployment → JMS Adapter → Configuration → outbound connection pool → New → next → Finish

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10.184.135.218:7001/console/console.portal?_nfpb=true&_pageLabel=AppDeploymentsControlPage

DMS Application (12.1.3.0.0)	Active	OK	Web Application	AdminServer, BAMServer, SOAServer	5
em	Active	OK	Enterprise Application	AdminServer	400
FCUBSAppIUT (12.1.0.0.0)	Active	Warning	Enterprise Application	SOAServer	600
FileAdapter	Active	OK	Resource Adapter	SOAServer	321
frevvo	Active	OK	Enterprise Application	SOAServer	100
FtpAdapter	Active	OK	Resource Adapter	SOAServer	325
GWWebServices (12.1.0.0.0)	Active	OK	Enterprise Application	SOAServer	600
JDEWorldAdapter	Installed		Resource Adapter		333
JmsAdapter	Active	OK	Resource Adapter	SOAServer	323
LdapAdapter	Installed		Resource Adapter		332
MQSeriesAdapter	Active	OK	Resource Adapter	SOAServer	327
MSMQAdapter	Installed		Resource Adapter		334
OAAPredictionService	Active	OK	Enterprise Application	SOAServer	100
OracleAppsAdapter	Active	OK	Resource Adapter	SOAServer	328
OracleBamAdapter	Installed		Resource Adapter		329
OracleBPMBACServerApp	Active	OK	Enterprise Application	SOAServer	384
OracleBPMComposerRolesApp	Active	OK	Enterprise Application	SOAServer	382
OracleBPMProcessRolesApp	Active	OK	Enterprise Application	SOAServer	381
OracleBPMWorkspace	Active	OK	Enterprise Application	SOAServer	383
SAPAdapter	Installed		Resource Adapter		335
SimpleApprovalTaskFlow	Active	OK	Enterprise Application	SOAServer	386
soa-infra	Active	OK	Enterprise Application	SOAServer	350
soa-webapps	Active	OK	Enterprise Application	SOAServer	360

10.184.135.218:7001/console/console.portal?_nfpb=true&_pageLabel=AppApplicationDispatcherPage&AppApplicationDispatcherPagePortlethandle=com.bea.console.handlers.AppDeploymentHandle"com.bea:Name=JmsAdapter,Type=AppDeployment"

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10.184.135.218:7001/console/console.portal?_pageLabel=ConnectorApplicationConfigurationOutboundConnectionPoolPage&_nfpb=true&v - Google

Home > FCUBSConnectionFactory > Summary of JMS Modules > FCUBSJMSModule > Summary of JMS Modules > FCUBSJMSModule > placeholder > Summary of Deployments > JmsAdapter > Summary of Deployments > JmsAdapter

Settings for JmsAdapter

Overview Deployment Plan **Configuration** Security Targets Control Testing Monitoring Notes

General Properties **Outbound Connection Pools** Admin Objects Workload Instrumentation

This page displays a table of Outbound Connection Pool groups and instances for this resource adapter. The top level entries in the table represent Outbound Connection Pool groups. Groups are listed by connection factory interface and the instances are listed by their JNDI names. Expand a group to obtain configuration information for a Connection Pool instance within an Outbound Connection Pool group. Click the name of a group or instance to configure it. Automatically generated Connection Pools are not displayed in the table below.

Outbound Connection Pool Configuration Table

New Delete Showing 1 to 1 of 1 Previous | Next

Groups and Instances	Connection Factory Interface
oracle.tp.adapter.jms.IJmsConnectionFactory	oracle.tp.adapter.jms.IJmsConnectionFactory
eis/activemq/Queue	oracle.tp.adapter.jms.IJmsConnectionFactory
eis/aqjms/EDNLocalTxDurableTopic	oracle.tp.adapter.jms.IJmsConnectionFactory
eis/aqjms/EDNLocalTxTopic	oracle.tp.adapter.jms.IJmsConnectionFactory
eis/aqjms/EDNxuDurableTopic	oracle.tp.adapter.jms.IJmsConnectionFactory
eis/aqjms/EDNxuTopic	oracle.tp.adapter.jms.IJmsConnectionFactory
eis/aqjms/Queue	oracle.tp.adapter.jms.IJmsConnectionFactory
eis/aqjms/Topic	oracle.tp.adapter.jms.IJmsConnectionFactory
eis/foranmq/Topic	oracle.tp.adapter.jms.IJmsConnectionFactory
eis/jbossmq/Queue	oracle.tp.adapter.jms.IJmsConnectionFactory
eis/jms/aiaB2BQueueCF	oracle.tp.adapter.jms.IJmsConnectionFactory
eis/jms/aiaErrorTopicCF	oracle.tp.adapter.jms.IJmsConnectionFactory
eis/pramati/Queue	oracle.tp.adapter.jms.IJmsConnectionFactory
eis/sunmq/Queue	oracle.tp.adapter.jms.IJmsConnectionFactory
eis/tbjms/Queue	oracle.tp.adapter.jms.IJmsConnectionFactory
eis/tbjms/Topic	oracle.tp.adapter.jms.IJmsConnectionFactory
eis/tbjmsDirect/Queue	oracle.tp.adapter.jms.IJmsConnectionFactory
eis/tbjmsDirect/Topic	oracle.tp.adapter.jms.IJmsConnectionFactory
eis/webspheremq/Queue	oracle.tp.adapter.jms.IJmsConnectionFactory
eis/wls/EDNLocalTxDurableTopic	oracle.tp.adapter.jms.IJmsConnectionFactory
eis/wls/EDNLocalTxTopic	oracle.tp.adapter.jms.IJmsConnectionFactory
eis/wls/EDNxuDurableTopic	oracle.tp.adapter.jms.IJmsConnectionFactory
eis/wls/EDNxuTopic	oracle.tp.adapter.jms.IJmsConnectionFactory
eis/wls/Queue	oracle.tp.adapter.jms.IJmsConnectionFactory
eis/wls/Topic	oracle.tp.adapter.jms.IJmsConnectionFactory

Domain Structure

AlphaDomain

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 - Startup and Shutdown Classes
- Deployments
- Services
 - JMS Servers
 - Store-and-Forward Agents

How do I...
 • Configure outbound connection pool properties

System Status

Health of Running Servers

- Failed (0)
- Critical (0)
- Overloaded (0)
- Warning (0)
- OK (2)

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Home Log Out Preferences Record Help Welcome, admin Connected to: AlphaDomain

Home > FCUBSJMModule > placeholder > Summary of Deployments > JmsAdapter > Summary of Deployments > JmsAdapter > Summary of Deployments > JmsAdapter > Summary of Deployments > JmsAdapter

Create a New Outbound Connection

Back Next Finish Cancel

Outbound Connection Group

In which outbound connection group do you want to create an instance?

Outbound Connection Groups

Showing 1 to 1 of 1 Previous Next

Outbound Connection Group ^v
<input checked="" type="radio"/> oracle.tip.adapter.jms.JmsConnectionFactory

Showing 1 to 1 of 1 Previous Next

Back Next Finish Cancel

Change Center

View changes and restarts

Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.

Domain Structure

- AlphaDomain
 - Environment
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 - Deployments
 - Services
 - Messaging
 - JMS Servers
 - Store-and-Forward Agents

How do I...

- Configure outbound connection pool properties

System Status

Health of Running Servers

Failed (0)
Critical (0)
Overloaded (0)
Warning (0)
OK (2)

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e Highlight All Match Case

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10.184.135.218:7001/console/console.portal?ConnectorCreateOutboundConnectionPortlet_actionOverrides=/com/bee/console/actions/conn

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help Welcome, admin Connected to: AlphaDomain

Home > FCUBSJMModule > placeholder > Summary of Deployments > JmsAdapter > Summary of Deployments > JmsAdapter > Summary of Deployments > JmsAdapter > Summary of Deployments > JmsAdapter

Create a New Outbound Connection

Back Next Finish Cancel

JNDI name for Outbound Connection Instance

Enter the JNDI name that you want to use to obtain the new connection instance
* Indicates required fields

The Outbound Connection instance represents a connection pool. The JNDI name can be used to obtain the pool at runtime.

* JNDI Name:

Back Next Finish Cancel

Change Center
View changes and restarts
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.

Domain Structure
AlphaDomain
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Work Managers
Startup and Shutdown Classes
Deployments
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JMS Servers
Store-and-Forward Agents

How do I...
Configure outbound connection pool properties

System Status
Health of Running Servers
Failed (0)
Critical (0)
Overloaded (0)
Warning (0)
OK (2)

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e Highlight All Match Case

Windows taskbar showing icons for Internet Explorer, Firefox, Chrome, and other applications. System tray shows the time as 12:12 PM on 6/23/2015.

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10.184.135.218:7001/console/console.portal?_pageLabel=ConnectorApplicationConfigurationOutboundConnectionPoolPage&_nfpb=true&v

list by connection factory interface and the instances are listed by their JNDI names. Expand a group to obtain configuration information for a Connection Pool instance within an Outbound Connection Pool group. Click the name of a group or instance to configure it. Automatically generated Connection Pools are not displayed in the table below.

Outbound Connection Pool Configuration Table

New Delete Showing 1 to 1 of 1 Previous | Next

Groups and Instances	Connection Factory Interface
oracle.tp.adapter.jms.IJmsConnectionFactory	oracle.tp.adapter.jms.IJmsConnectionFactory
eis/activemq/Queue	oracle.tp.adapter.jms.IJmsConnectionFactory
eis/aqms/EDNLocalTxDurableTopic	oracle.tp.adapter.jms.IJmsConnectionFactory
eis/aqms/EDNLocalTxTopic	oracle.tp.adapter.jms.IJmsConnectionFactory
eis/aqms/EDNxuDurableTopic	oracle.tp.adapter.jms.IJmsConnectionFactory
eis/aqms/EDNxuTopic	oracle.tp.adapter.jms.IJmsConnectionFactory
eis/aqms/Queue	oracle.tp.adapter.jms.IJmsConnectionFactory
eis/aqms/Topic	oracle.tp.adapter.jms.IJmsConnectionFactory
eis/foranomaq/Topic	oracle.tp.adapter.jms.IJmsConnectionFactory
eis/jbossmq/Queue	oracle.tp.adapter.jms.IJmsConnectionFactory
eis/jms/aaab2BQueueCF	oracle.tp.adapter.jms.IJmsConnectionFactory
eis/jms/aiatErrorTopicCF	oracle.tp.adapter.jms.IJmsConnectionFactory
eis/pramati/Queue	oracle.tp.adapter.jms.IJmsConnectionFactory
eis/Queue/Notif	oracle.tp.adapter.jms.IJmsConnectionFactory
eis/summq/Queue	oracle.tp.adapter.jms.IJmsConnectionFactory
eis/tbjms/Queue	oracle.tp.adapter.jms.IJmsConnectionFactory
eis/tbjms/Topic	oracle.tp.adapter.jms.IJmsConnectionFactory
eis/tbjmsDirect/Queue	oracle.tp.adapter.jms.IJmsConnectionFactory
eis/tbjmsDirect/Topic	oracle.tp.adapter.jms.IJmsConnectionFactory
eis/webspheremq/Queue	oracle.tp.adapter.jms.IJmsConnectionFactory
eis/wls/EDNLocalTxDurableTopic	oracle.tp.adapter.jms.IJmsConnectionFactory
eis/wls/EDNLocalTxTopic	oracle.tp.adapter.jms.IJmsConnectionFactory
eis/wls/EDNxuDurableTopic	oracle.tp.adapter.jms.IJmsConnectionFactory
eis/wls/EDNxuTopic	oracle.tp.adapter.jms.IJmsConnectionFactory
eis/wls/Queue	oracle.tp.adapter.jms.IJmsConnectionFactory
eis/wls/Topic	oracle.tp.adapter.jms.IJmsConnectionFactory

New Delete Showing 1 to 1 of 1 Previous | Next

System Status
Health of Running Servers
Failed (0)
Critical (0)
Overloaded (0)
Warning (0)
OK (2)

12:14 PM
6/23/2015

- Click on the Outbound connection pool with **eis/Queue/Notif** and enter the connection factory location as **jndi/FCUBSConnectionFactory** → press Enter and Save

soa-infra (SOA Infractu... x FC1211QAR2 (Oracle Web... x Settings for oracle.tip.ad... x dev_domain (Oracle Web... x Summary of JMS Servers... x AlphaDomain (Oracle We... x +

10.184.135.218:7001/console/console.portal?_nfpb=true&_pageLabel=ConnectorOutboundConnectionConfigPropertiesPage&ConnectorOu

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help Welcome, admin Connected to: AlphaDomain

Home > JmsAdapter > Summary of Deployments > JmsAdapter > Summary of Deployments > JmsAdapter > Summary of JMS Modules > FCUBS3MSModule > Summary of JMS Modules > Summary of Deployments > JmsAdapter

Settings for oracle.tip.adapter.jms.IJmsConnectionFactory

General **Properties** Transaction Authentication Connection Pool Logging

This page allows you to view and modify the configuration properties of this outbound connection pool. Properties you modify here are saved to a deployment plan.

Outbound Connection Properties

Save Showing 1 to 7 of 7 Previous | Next

Property Name	Property Type	Property Value	Supports Dynamic Updates
AcknowledgeMode	java.lang.String	AUTO_ACKNOWLEDGE	false
ConnectionFactoryLocation	java.lang.String	jdbc/FCUBSConne	false
FactoryProperties	java.lang.String		false
IsTopic	java.lang.Boolean	false	false
IsTransacted	java.lang.Boolean	false	false
Password	java.lang.String		false
Username	java.lang.String		false

Save Showing 1 to 7 of 7 Previous | Next

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e Highlight All Match Case

ORACLE WebLogic Server Administration Console 12c

Home > JmsAdapter > Summary of Deployments > JmsAdapter > Summary of Deployments > JmsAdapter > Summary of JMS Modules > FCUBS3MSModule > Summary of JMS Modules > Summary of Deployments > JmsAdapter

Messages

- ✓ All changes have been activated. No restarts are necessary.
- ✓ Deployment plan has been successfully updated.
- Remember to update your deployment to reflect the new plan when you are finished with your changes.

Settings for oracle.tip.adapter.jms.DmsConnectionFactory

General **Properties** Transaction Authentication Connection Pool Logging

This page allows you to view and modify the configuration properties of this outbound connection pool. Properties you modify here are saved to a deployment plan.

Outbound Connection Properties

Save Showing 1 to 7 of 7 Previous | Next

Property Name	Property Type	Property Value	Supports Dynamic Updates
AcknowledgeMode	java.lang.String	AUTO_ACKNOWLEDGE	false
ConnectionFactoryLocation	java.lang.String	jndi/FCUBSConnectionFactory	false
FactoryProperties	java.lang.String		false
IsTopic	java.lang.Boolean	false	false
IsTransacted	java.lang.Boolean	false	false
Password	java.lang.String		false
Username	java.lang.String		false

Save Showing 1 to 7 of 7 Previous | Next

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15. Go to console →Deployments→JMS adapter→Update→Next→ Next →finish

soa-infra (SOA Infrastruct... x FC1211QAR2 (Oracle Web... x Summary of Deployment... x dev_domain (Oracle Web... x Summary of JMS Servers... x AlphaDomain (Oracle We... x

10.184.135.218:7001/console/console.portal?_nfpb=true&_pageLabel=AppDeploymentsControlPage

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

Customize this table

Deployments

Install Update Delete Start Stop

Showing 1 to 46 of 46 Previous Next

Name	State	Health	Type	Targets	Deployment Order
AqAdapter	Prepared	OK	Resource Adapter	SOAServer	324
b2bui	Prepared	OK	Enterprise Application	SOAServer	313
BamComposer	New		Enterprise Application	BAMServer	500
BamCQService	New		Enterprise Application	BAMServer	300
BamServer	New		Enterprise Application	BAMServer	400
BPMComposer	Active	OK	Enterprise Application	SOAServer	385
coherence-transaction-rar	Active	OK	Resource Adapter	AdminServer, BAMServer, SOAServer	100
CoherenceAdapter	Installed		Resource Adapter		331
DbAdapter	Active	OK	Resource Adapter	SOAServer	322
DefaultToDoTaskFlow	Active	OK	Enterprise Application	SOAServer	314
DMS Application (12.1.3.0.0)	Active	OK	Web Application	AdminServer, BAMServer, SOAServer	5
em	Active	OK	Enterprise Application	AdminServer	400
FCUBSAppInt (12.1.0.0.0)	Active	Warning	Enterprise Application	SOAServer	600
FileAdapter	Active	OK	Resource Adapter	SOAServer	321
frevvo	Active	OK	Enterprise Application	SOAServer	100
FtpAdapter	Active	OK	Resource Adapter	SOAServer	325
GWWebServices (12.1.0.0.0)	Active	OK	Enterprise Application	SOAServer	600
JDEWorldAdapter	Installed		Resource Adapter		333

How do I...
 • Install an enterprise application
 • Configure an enterprise application
 • Update (redeploy) an enterprise application
 • Start and stop a deployed enterprise application
 • Monitor the modules of an enterprise application
 • Deploy EJB modules
 • Install a Web application

System Status
 Health of Running Servers
 Failed (0)
 Critical (0)
 Overloaded (0)
 Warning (0)
 OK (2)

Highlight All Match Case

12:19 PM 6/23/2015

soa-infra (SOA Infract... x FC1211QAR2 (Oracle Web... x Update Application Assist... x dev_domain (Oracle Web... x Summary of JMS Servers... x AlphaDomain (Oracle We... x +

10.184.135.218:7001/console/console.portal?AppApplicationUpdatePortletreturnTo=AppDeploymentsControlPage&AppDeploymentsContro Google

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help Welcome, admin Connected to: AlphaDomain

Home > Summary of Deployments > JmsAdapter > Summary of Deployments > JmsAdapter > Summary of JMS Modules > FCUBSJMSModule > Summary of JMS Modules > Summary of Deployments > JmsAdapter > Summary of Deployments

Update Application Assistant

Back Next Finish Cancel

Locate new deployment files

You have elected to update the JmsAdapter application.

Update this application in place with new deployment plan changes. (A deployment plan must be specified for this option)

Deployment plan path: /scratch/app/oracle/product/fmw12c3/soa/soa/connectors/Plan1.xml [Change Path](#)

Redeploy this application using the following deployment files:

Source path: /scratch/app/oracle/product/fmw12c3/soa/soa/connectors/JmsAdapter.rar [Change Path](#)

Deployment plan path: /scratch/app/oracle/product/fmw12c3/soa/soa/connectors/Plan1.xml [Change Path](#)

Back Next Finish Cancel

Change Center

View changes and restarts

Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.

Domain Structure

AlphaDomain

- Environment
 - Servers
 - Clusters
 - Coherence Clusters
 - Machines
 - Virtual Hosts
 - Work Managers
 - Startup and Shutdown Classes
- Deployments
- Services
 - Messaging
 - JMS Servers
 - Store-and-Forward Agents

How do I...

- Start and stop a deployed enterprise application
- Configure an enterprise application
- Create a deployment plan
- Target an enterprise application to a server
- Test the modules in an enterprise application

System Status

Health of Running Servers

Failed (0)
Critical (0)
Overloaded (0)
Warning (0)
OK (2)

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e Highlight All Match Case

Taskbar icons: Internet Explorer, Firefox, Chrome, File Explorer, Windows Explorer, etc.

System tray: 12:20 PM, 6/23/2015

The screenshot shows the Oracle WebLogic Server Administration Console 12c interface. The main content area is titled "Summary of Deployments" and contains a table of applications and modules. The table has the following columns: Name, State, Health, Type, Targets, and Deployment Order. The table lists various applications such as AqAdapter, b2bui, BamComposer, BamCQService, BamServer, BPMComposer, coherence-transaction-rar, CoherenceAdapter, DbAdapter, DefaultToDoTaskFlow, and DMS Application. The table also shows the state (e.g., Prepared, New, Active, Installed) and health (e.g., OK, Warning) of each application. The deployment order is also indicated for each application.

Name	State	Health	Type	Targets	Deployment Order
AqAdapter	Prepared	OK	Resource Adapter	SOAServer	324
b2bui	Prepared	OK	Enterprise Application	SOAServer	313
BamComposer	New		Enterprise Application	BAMServer	500
BamCQService	New		Enterprise Application	BAMServer	300
BamServer	New		Enterprise Application	BAMServer	400
BPMComposer	Active	OK	Enterprise Application	SOAServer	385
coherence-transaction-rar	Active	OK	Resource Adapter	AdminServer, BAMServer, SOAServer	100
CoherenceAdapter	Installed		Resource Adapter		331
DbAdapter	Active	OK	Resource Adapter	SOAServer	322
DefaultToDoTaskFlow	Active	OK	Enterprise Application	SOAServer	314
DMS Application (12.1.3.0.0)	Active	OK	Web Application	AdminServer, BAMServer, SOAServer	5

16. Create the out bound connection pool with the **eis/wls/Queue** name in the Deployments using connection factory **jndi/FCUBSConnectionFactory**.

1.2.8 Configuring FTP Adapter

1. Login to console→Deployments→ FTP Adapter→Configuration→Outbound Connection Pool→New

soa-infra (SOA Infras... x Login - Oracle Enter... x Settings for FtpAdap... x AmendRetailLoanCo... x Settings for javax.res... x AlphaDomain (OracL... x New Tab x +

10.184.135.218:7001/console/console.portal?_pageLabel=ConnectorApplicationConfigurationOutboundConnectionPoolPage&_nfpb=true& Google

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help Welcome, admin Connected to: AlphaDomain

Home > Summary of Deployments > FtpAdapter

Settings for FtpAdapter

Overview Deployment Plan **Configuration** Security Targets Control Testing Monitoring Notes

General Properties **Outbound Connection Pools** Admin Objects Workload Instrumentation

This page displays a table of Outbound Connection Pool groups and instances for this resource adapter. The top level entries in the table represent Outbound Connection Pool groups. Groups are listed by connection factory interface and the instances are listed by their JNDI names. Expand a group to obtain configuration information for a Connection Pool instance within an Outbound Connection Pool group. Click the name of a group or instance to configure it. Automatically generated Connection Pools are not displayed in the table below.

Outbound Connection Pool Configuration Table

New Delete Showing 1 to 1 of 1 Previous | Next

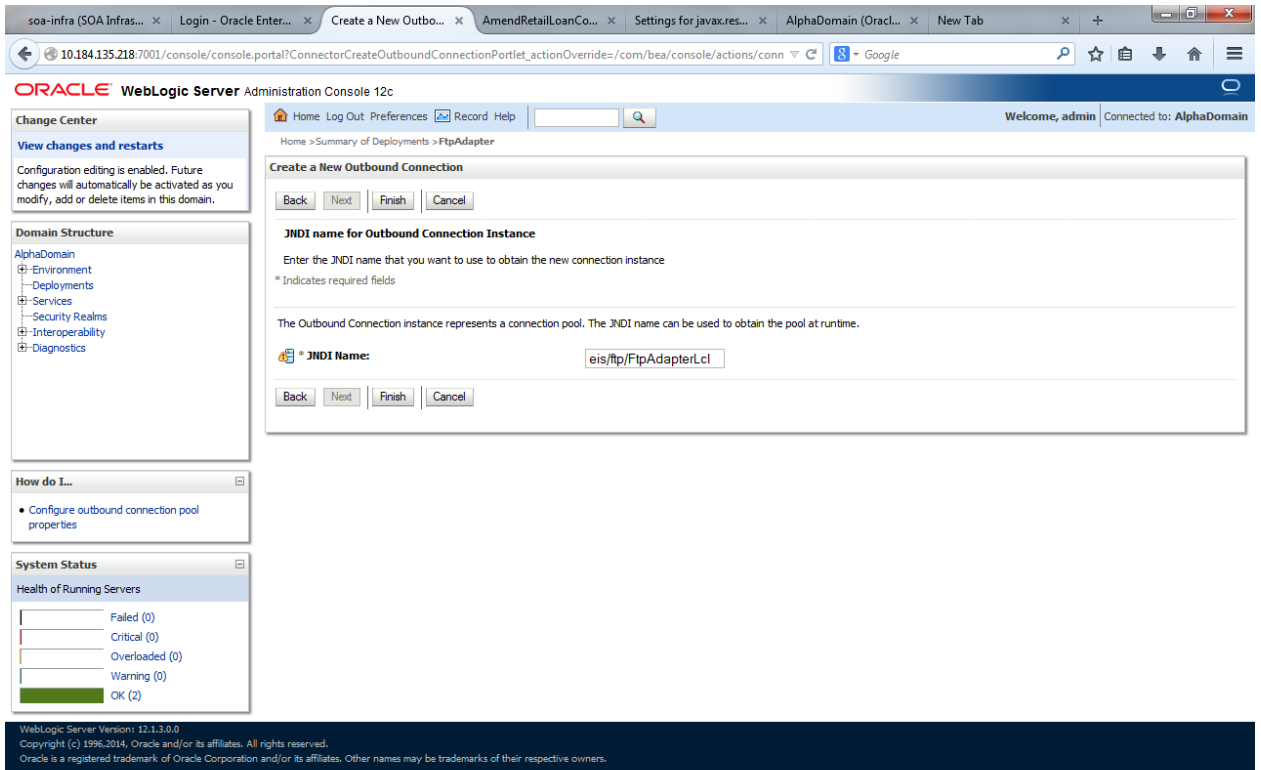
Groups and Instances	Connection Factory Interface
javax.resource.cdi.ConnectionFactory	javax.resource.cdi.ConnectionFactory
eis/ftp/CoherenceHAFtpAdapter	javax.resource.cdi.ConnectionFactory
eis/ftp/FtpAdapter	javax.resource.cdi.ConnectionFactory
eis/ftp/FtpAdapterLd	javax.resource.cdi.ConnectionFactory
eis/ftp/FtpAdapter_VMS	javax.resource.cdi.ConnectionFactory
eis/ftp/FtpsAdapter	javax.resource.cdi.ConnectionFactory
eis/ftp/HAFtpAdapter	javax.resource.cdi.ConnectionFactory
eis/ftp/HAFtpAdapterDB2	javax.resource.cdi.ConnectionFactory
eis/ftp/HAFtpAdapterMSSQL	javax.resource.cdi.ConnectionFactory
eis/ftp/LocalTransactionFtpAdapter	javax.resource.cdi.ConnectionFactory

New Delete Showing 1 to 1 of 1 Previous | Next

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eis/wls/Queue Highlight All Match Case

Windows taskbar showing icons for Internet Explorer, Firefox, Chrome, and other applications. System tray shows the time as 3:33 PM on 6/23/2015.

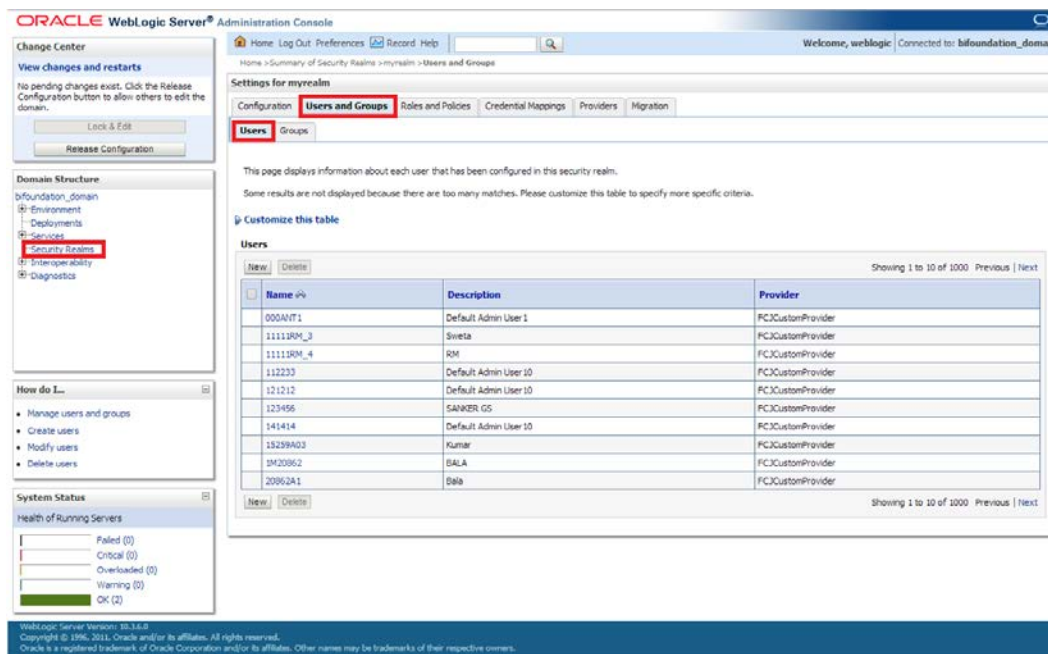


2) Click finish and save.

1.2.9 **BIP Interactive reports configuration**

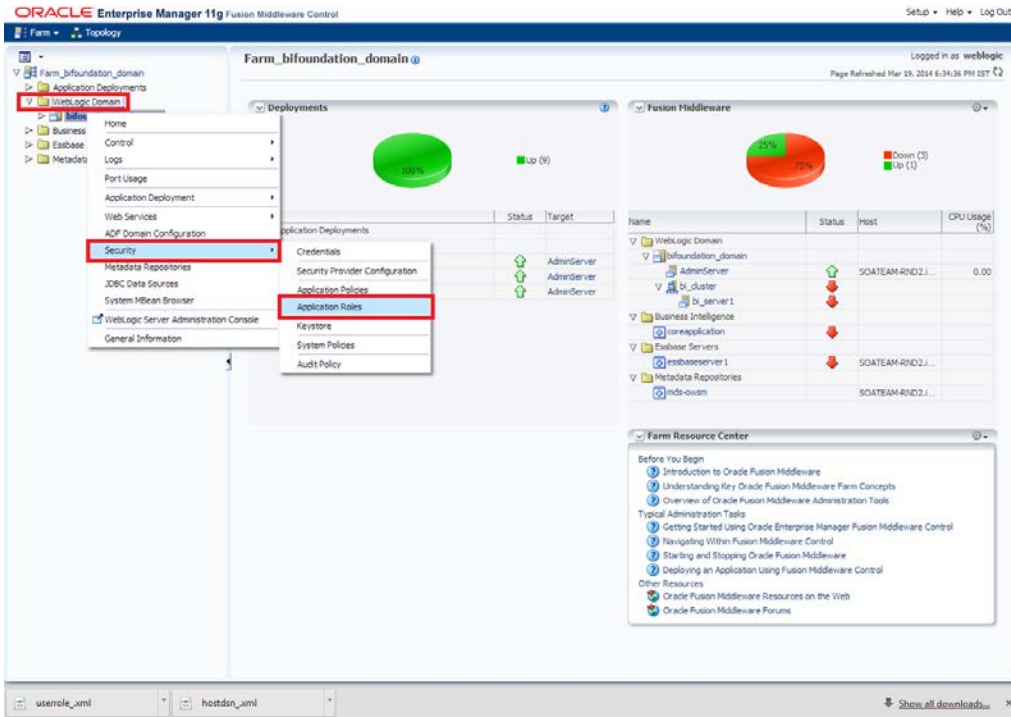
- 1) Login to the BIP domain console, `http/s:<hostname>:<port>/console`.
- 2) Follow the step 1.2.1 to add the "FCJCustomProvider".

After adding, Navigate to security realms >myrealm > Users and Groups and check if the users from the schema are displayed in Users tab, and Roles from the schema are displayed under the Groups Tab.



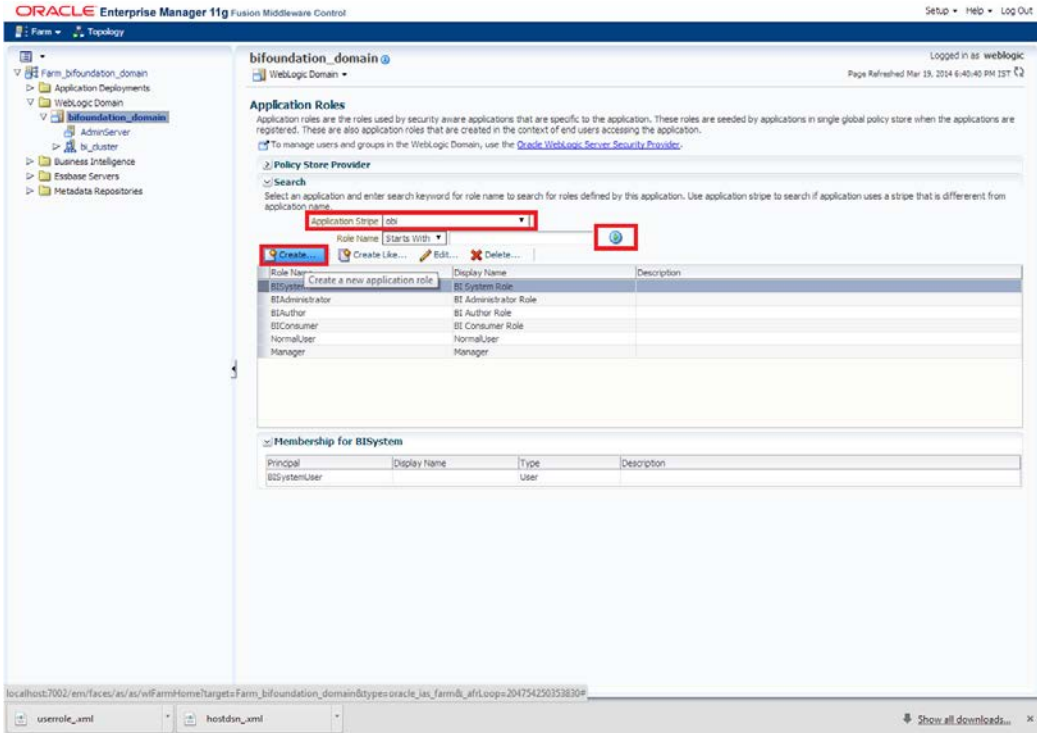
3) Login to the Enterprise Manager (em) http/s:<hostname>:<port>/em

- Right click on the domain(in which BI suite is installed) under the weblogic domain
- Go to security and then navigate to application roles



4) After navigating to next screen as in below screenshot,

- Select application stripe as obi
- Click on the search button
- Click on create button to add a role

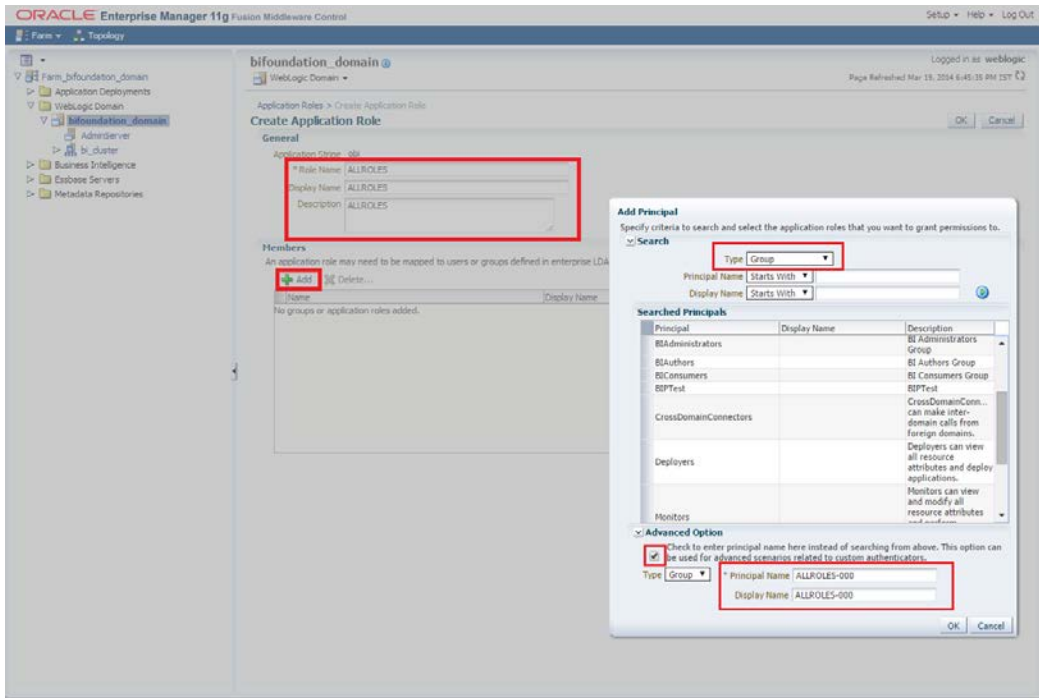


5) After navigating to next screen as in below screenshot,

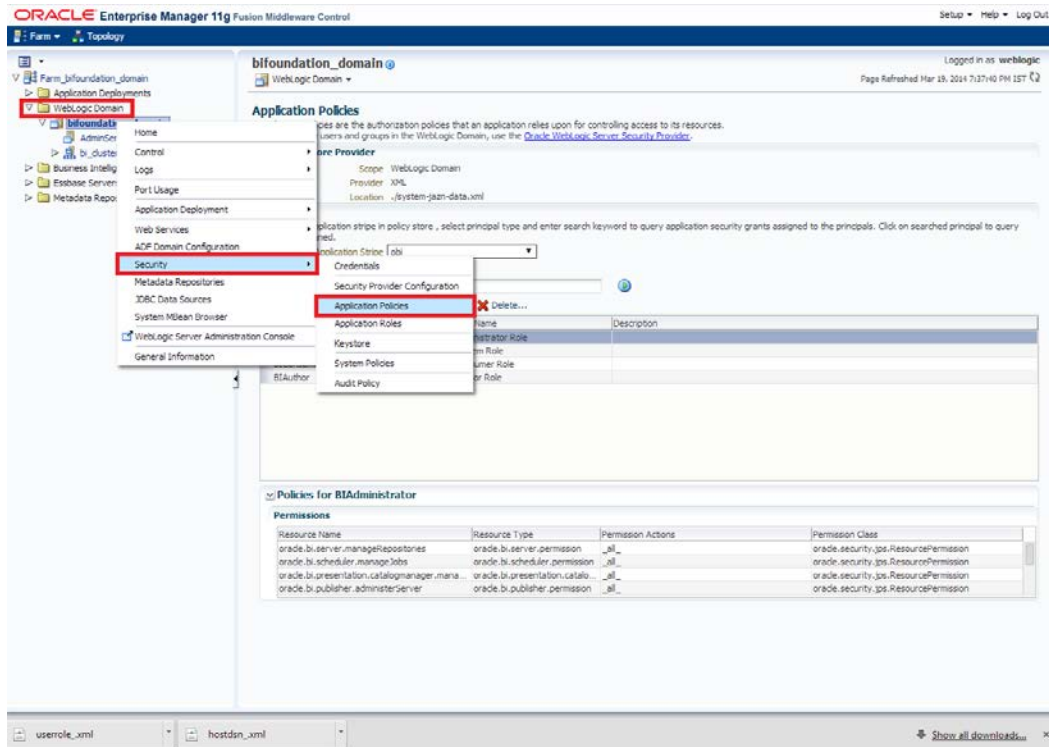
- Enter the role name(mandatory), display name(optional), description(optional)
- Click on the Add button
- In the Add Principal pop up select type as “Group”
- In the advanced option check the checkbox and again select the type as “Group” below
 - Click on the Search button, if the roles are listed then select the roles like ALLROLES-000, ADMINROLE-000 from the list.

or

 - Enter the Principal Name (mandatory), which is actually the role present in the FCUBS (ex: ALLROLES-000, ADMINROLE-000), Display Name (optional).
- After completing click on OK button in pop up window and also in the screen.

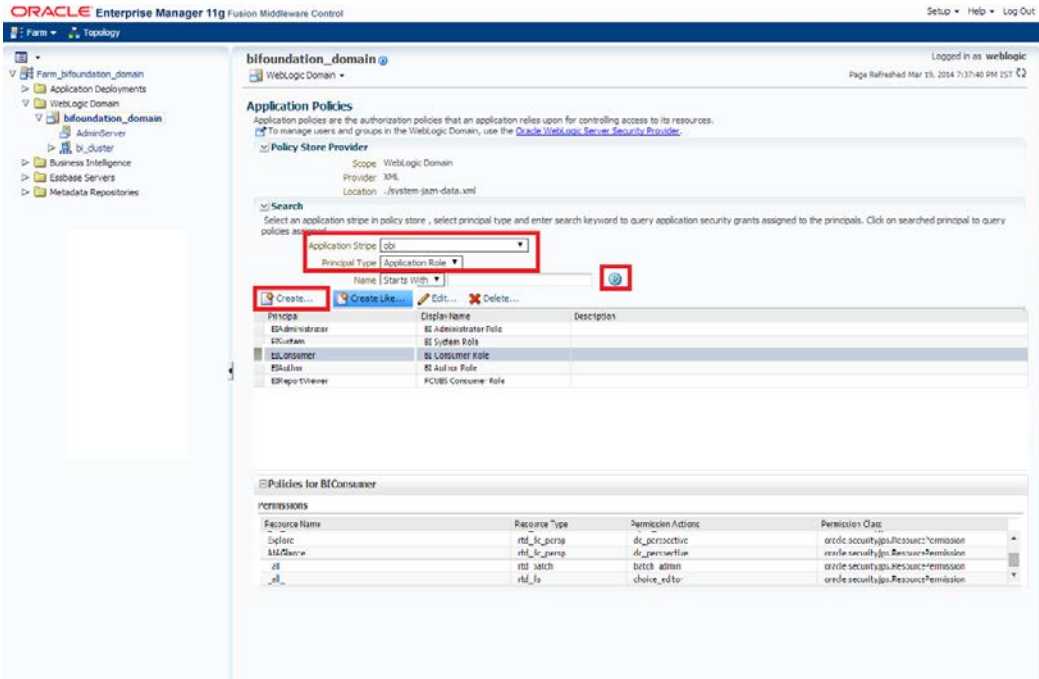


- 6) After getting information message like “A new role added successfully”, then again
- Right click on the domain(in which BI suite is installed) under the weblogic domain
 - Go to security and then navigate to application polices



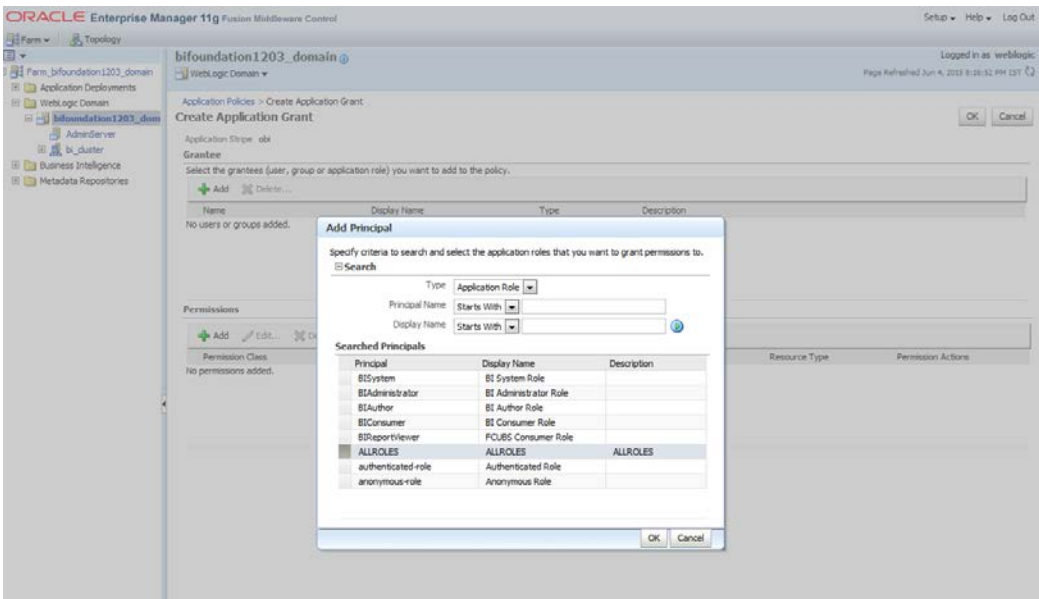
7) After navigating to next screen as per screen shot,

- Select the application stripe as obi, principal type as “Application Role”
- Click on the search button
- Select BIConsumer(it should be highlighted) from the list and click on the create like button.

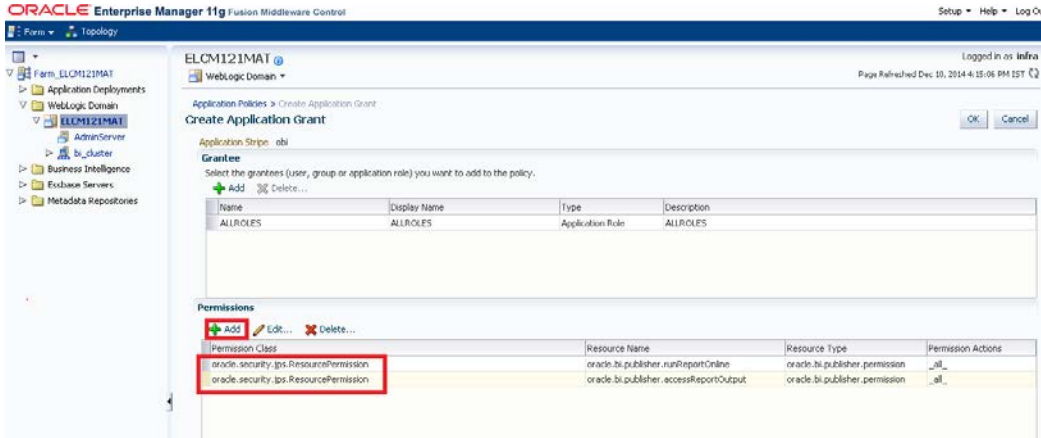


8) After navigating to next screen as per the screen shot,

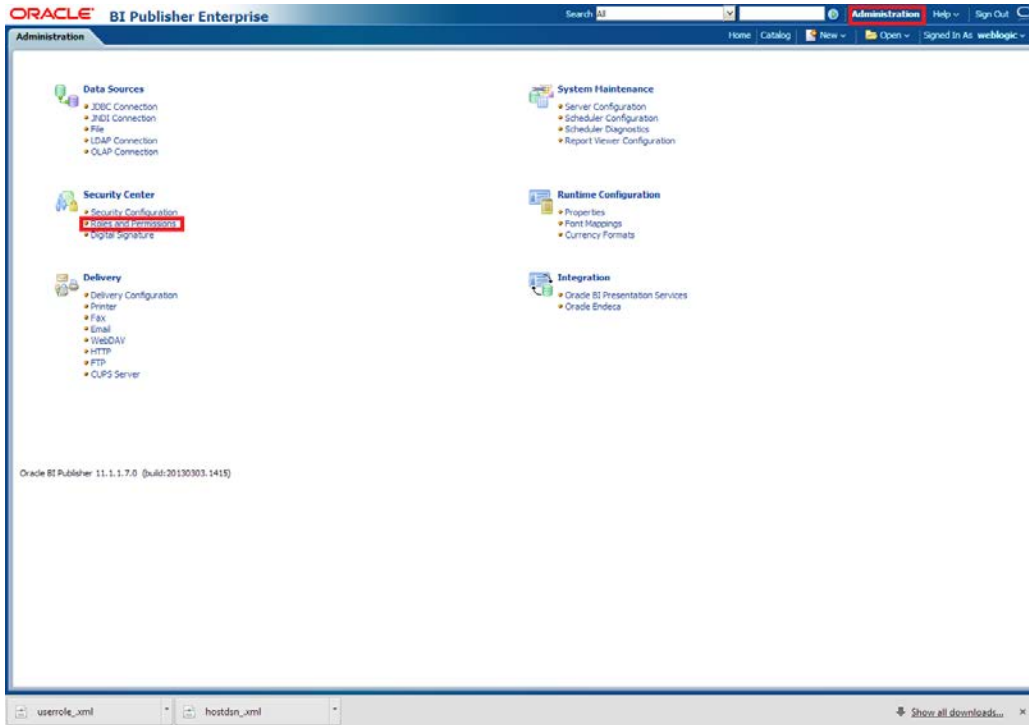
- Click on Add button , a new window “Add Principal” will be launched.
- Select Type as “Application Role” and click on the search button
- From the list select the role that has been created earlier in application role screen and click on OK button in pop up window and screen.



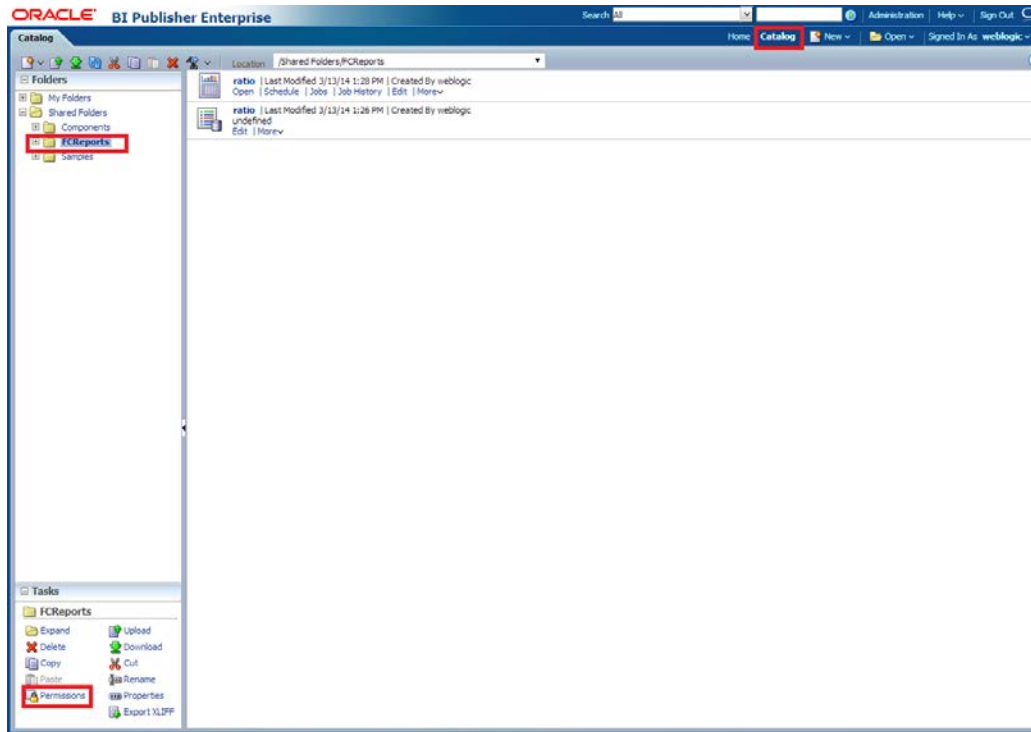
- Click Add button under Permissions and add the two permissions one by one as mentioned below.
 - oracle.bi.publisher.runReportOnline
 - oracle.bi.publisher.accessReportOutput



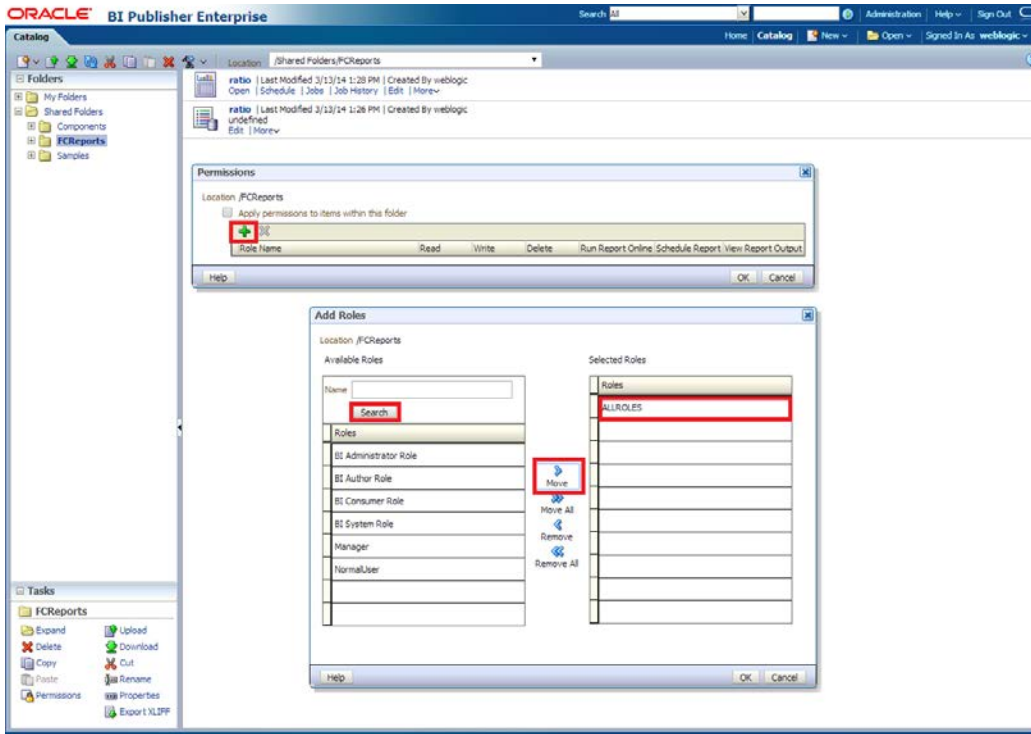
- 9) After getting information message like “A security added successfully”,
- Login into the BIPublisher , `http/s:<hostname>:<port>/xmlpserver`
 - Click on the Administration .
 - Click on the Roles and Permission under Security center and check if the added role(in em) is displayed, If not restart the servers.



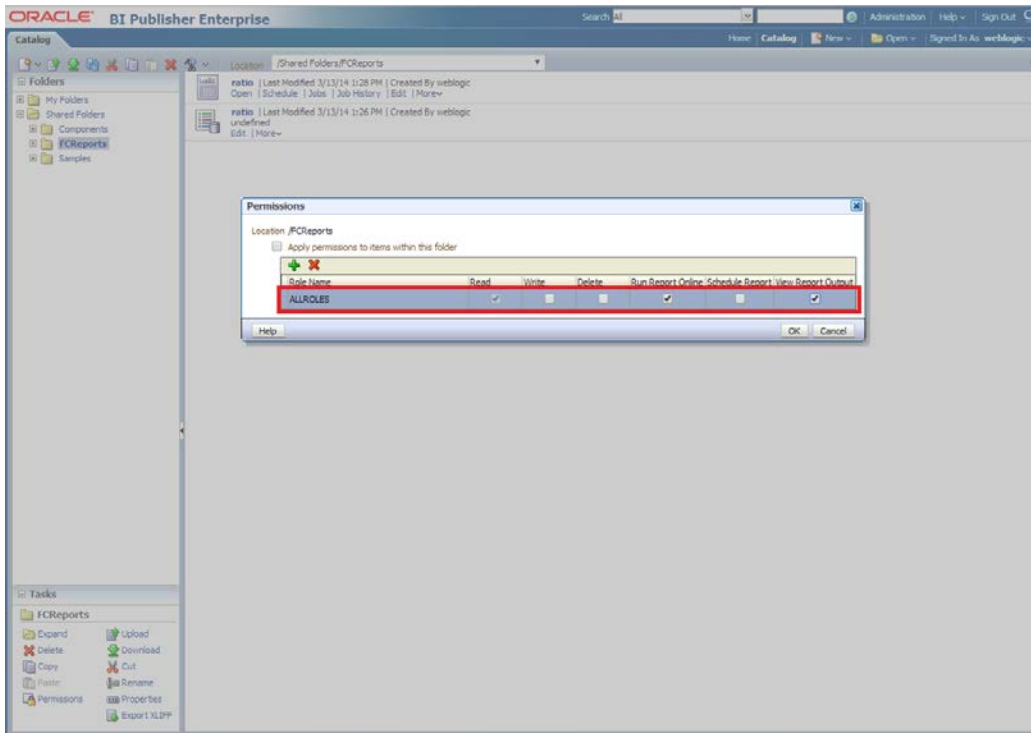
10) Then click on the Catalog , then on the folder that has been created , and then on permissions



11) After clicking on the permissions, a new window will pop up, delete all the roles if any present on click of permissions, then click on Add button, and then click on search button in “Add Roles” window that is launched newly and select the role that has been created and click on move button and click on OK.



12) Finally, the role will be added and select the options that has to be provided for the particular role and check if the permissions is only to items within the folder if necessary.



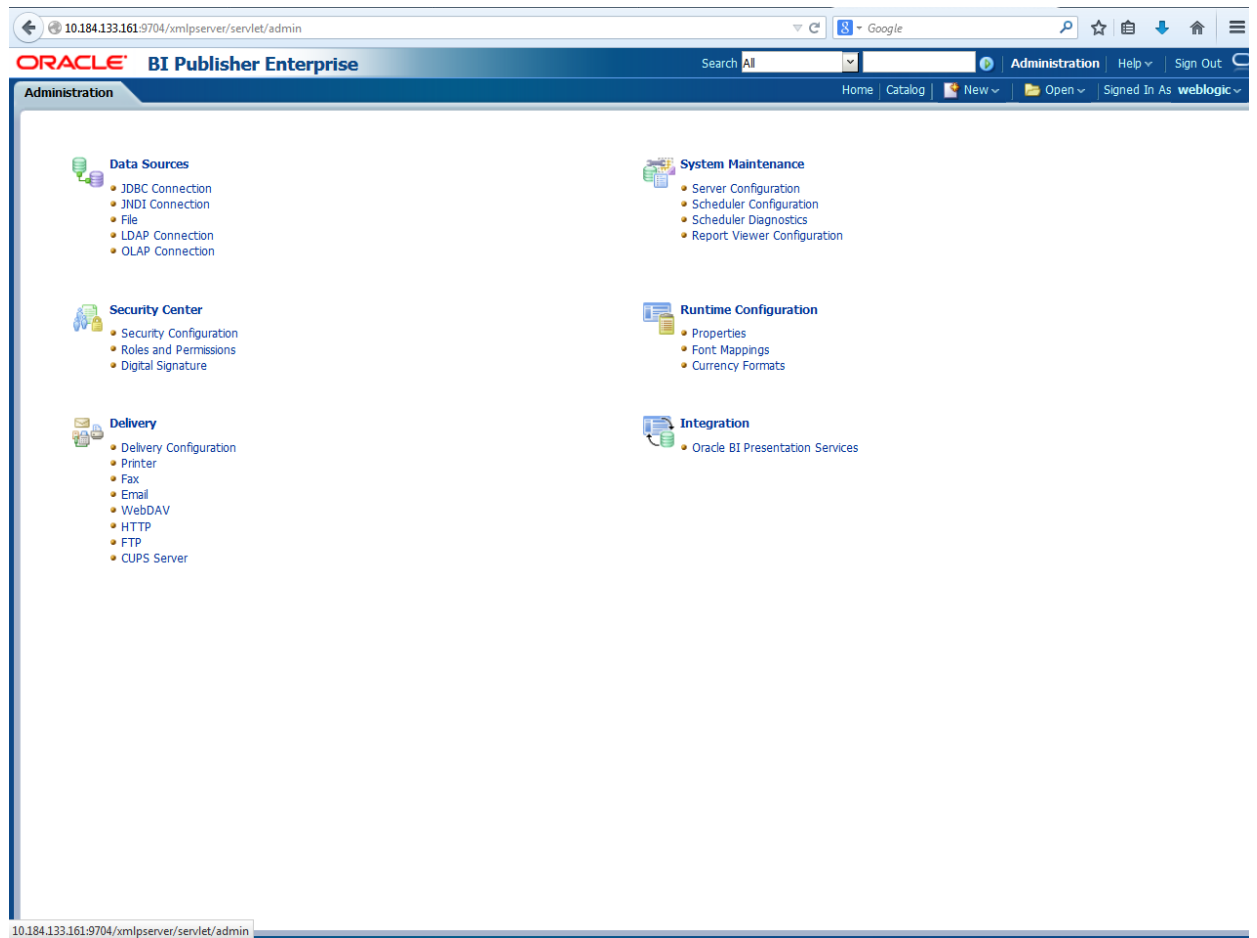
Now the reports in the folder will be accessed accordingly based on the roles.

Note:

In the similar way we can set the permissions at report level also for particular role.

13. Please login in to Bi Publisher <http://server:port/xmlpserver>.

14. Click on Administration → JDBC connection → Add Data Source



ORACLE BI Publisher Enterprise Administration Help Sign Out

Search All Home Catalog New Open Signed In As **weblogic**

Administration

- Data Sources**
 - JDBC Connection
 - JNDI Connection
 - File
 - LDAP Connection
 - OLAP Connection
- System Maintenance**
 - Server Configuration
 - Scheduler Configuration
 - Scheduler Diagnostics
 - Report Viewer Configuration
- Security Center**
 - Security Configuration
 - Roles and Permissions
 - Digital Signature
- Runtime Configuration**
 - Properties
 - Font Mappings
 - Currency Formats
- Delivery**
 - Delivery Configuration
 - Printer
 - Fax
 - Email
 - WebDAV
 - HTTP
 - FTP
 - CUPS Server
- Integration**
 - Oracle BI Presentation Services

10.184.133.161:9704/xmlsover/ser/vlet/adm/datasource/connectionhome?type=idbc&_stkn=6ec2d6c614e97518204

ORACLE BI Publisher Enterprise Administration Help Sign Out

Search All Home Catalog New Open Signed In As **weblogic**

Administration > JDBC

Data Sources

JDBC JNDI File LDAP OLAP

Add Data Source Previous 1-10 of 16 Next

Data Source Name	Connection String	Delete
demo	jdbc:oracle:thin:@10.184.149.52:1521:SOADB	
EC1202UBS	jdbc:oracle:thin:@10.184.132.144:1521:KD12NEW	
EC121DEV	jdbc:oracle:thin:@10.184.132.144:1521:KD12NEW	
ECRIP	jdbc:oracle:thin:@10.184.154.149:1521:ORFC12C	
ECOR121DEV	jdbc:oracle:thin:@10.184.154.149:1521:ORFC12C	
ECOR121UT	jdbc:oracle:thin:@10.184.154.149:1521:ORFC12C	
ECUBS1203	jdbc:oracle:thin:@10.184.132.137:1521:FCPAT CH2	
ECUBS121	jdbc:oracle:thin:@whf00aew:1521:ORFC12C	
ECUBS12C	jdbc:oracle:thin:@10.184.132.172:1521:FCUBS12C	
fcubswf1202	jdbc:oracle:thin:@10.184.149.52:1521:SOADB	

Add Data Source Previous 1-10 of 16 Next

- Please create the data source with data source name as **FCSOA** and use soa schema details to create the same.

ORACLE BI Publisher Enterprise

Administration > JDBC > Add Data Source

Add Data Source

General

TIP Please make sure to install the required JDBC driver classes.
 TIP With Oracle Fusion Middleware Security Model, select the Use System User checkbox to use the BI System User for your BI Server Database Connection.

* Data Source Name: FCSOA
 * Driver Type: Oracle 11g
 * Database Driver Class: oracle.jdbc.OracleDriver
 * Connection String: jdbc:oracle:thin:@//ofss222783.in.oracle.com:1521/FCUBSOEV121

Use System User:
 * Username: DEV12C_SOAINFRA
 Password: *****
 Pre Process Function:
 Post Process Function:
 Use Proxy Authentication
 Test Connection

Backup Data Source

TIP To enable access to a backup data source, please check the Use Backup Data Source checkbox and enter the necessary connection information.

Use Backup Data Source
 Connection String:
 Username:
 Password:
 Test Connection

- Add the fcubs roles to allowed Roles under security

ORACLE BI Publisher Enterprise

Administration > Security > Add Data Source

Add Data Source

Security

Allow Guest Access

Available Roles: BI Administrator Role, BI Author Role, BI Consumer Role, BI System Role, FCUBS Consumer Role

Allowed Roles: ALLROLES

Move, Move All, Remove, Remove All

- Click on test connection .once the connection is established succesfully .Click on Apply.

18. Please follow the steps 15 to 17 to create data source for FCUBS Schema and give the name as FCBIPBPEL

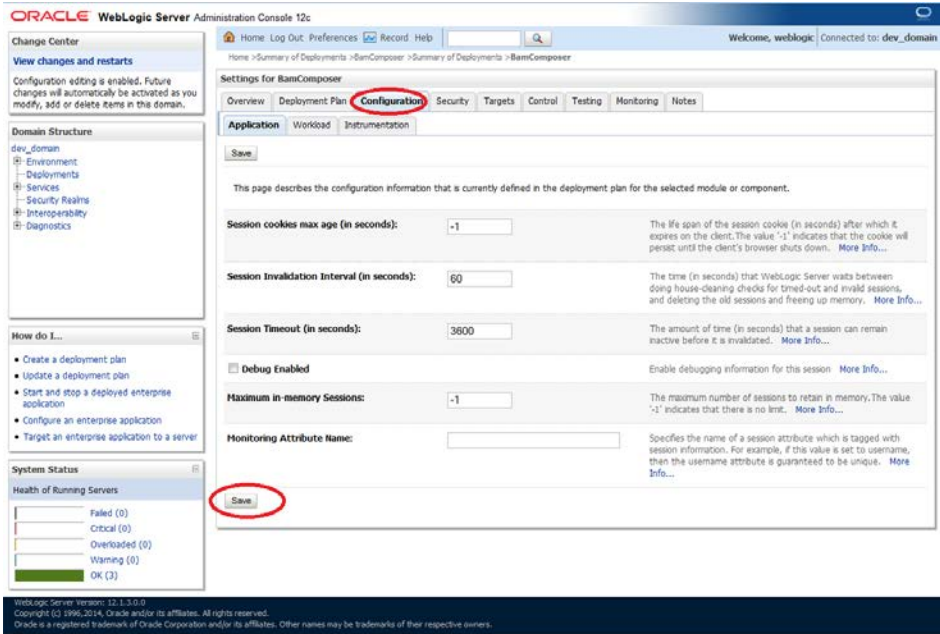
1.2.10 **BAM Report Configuration settings**

1. Generate a deployment plan for BAM Composer Application.
2. Login in to console <http://hostname:port/console>
3. Click on Deployments → click on BAM Composer

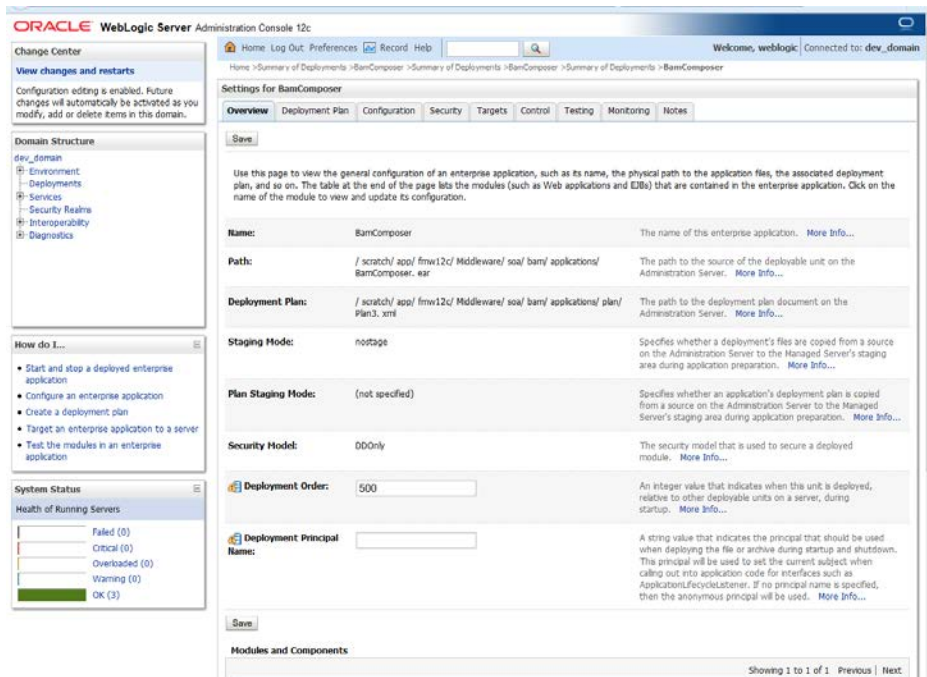
The screenshot shows the Oracle WebLogic Server Administration Console. The main area displays the 'Summary of Deployments' page. On the left, there is a 'Domain Structure' tree with 'Deployments' selected. Below it, a 'How do I...' section provides instructions for installing and managing applications. The 'System Status' section shows the health of running servers. The main table, titled 'Deployments', lists various applications with columns for Name, State, Health, Type, Targets, and Deployment Order. The 'BAMComposer' application is highlighted with a red circle.

Name	State	Health	Type	Targets	Deployment Order
AqAdapter	Active	OK	Resource Adapter	soa_server1	324
db2bui	Active	OK	Enterprise Application	soa_server1	313
BAMComposer	Active	OK	Enterprise Application	bam_server1	500
BAMCOService	Active	OK	Enterprise Application	bam_server1	300
BAMServer	Active	OK	Enterprise Application	bam_server1	400
BPMComposer	Active	OK	Enterprise Application	soa_server1	385
coherence-transaction-iar	Active	OK	Resource Adapter	AdminServer, bam_server1, soa_server1	100
CoherenceAdapter	Installed		Resource Adapter		331
DBAdapter	Active	OK	Resource Adapter	soa_server1	322
DefaultToDoTaskFlow	Active	OK	Enterprise Application	soa_server1	314
DMS Application (12.1.3.0.0)	Active	OK	Web Application	AdminServer, bam_server1, soa_server1	5

4. click on Configuration Configuration → Save



5. Click on Overview→check the deployment plan location



6. Add variable and variable assignment as below to the Plan.xml in `<module-name>BamComposerWeb.war</module-name>` and for reference please find plan.xml file.

```
<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/[param-
name="oracle.adf.view.rich.security.FRAME_BUSTING"]/param-value</xpath>
    <origin>planbased</origin>
  </variable-assignment> </module-descriptor>
```



Plan3.xml

7. Stop the BAM composer application in console.

When work completes
Force Stop Now
Stop, but continue servicing administration requests

Name	State	Health	Type	Targets	Deployment Order
AcAdapter	Active	OK	Resource Adapter	soa_server1	324
soa2bul	Active	OK	Enterprise Application	soa_server1	313
BAMComposer	Active	OK	Enterprise Application	bam_server1	500
BamCQService	Active	OK	Enterprise Application	bam_server1	300
BamServer	Active	OK	Enterprise Application	bam_server1	400
BPMComposer	Active	OK	Enterprise Application	soa_server1	385
coherence-transaction-rar	Active	OK	Resource Adapter	AdminServer, bam_server1, soa_server1	100
CoherenceAdapter	Installed		Resource Adapter		331
DbAdapter	Active	OK	Resource Adapter	soa_server1	322
DefaultToDoTaskFlow	Active	OK	Enterprise Application	soa_server1	314
DMS Application (12.1.3.0.0)	Active	OK	Web Application	AdminServer, bam_server1, soa_server1	5
em	Active	OK	Enterprise Application	AdminServer	400
FCUIBSAppJIT (12.1.0.0.0)	Active	Warning	Enterprise Application	soa_server1	600
FCUIBSAppSoaEmb (12.1.0.0.0)	Prepared	OK	Enterprise Application	soa_server1	601
FileAdapter	Active	OK	Resource Adapter	soa_server1	321
frevo	Installed		Enterprise Application		100
ftsAdapter	Active	OK	Resource	soa_server1	325

8. Update the deployment plan.

9. Click on deployments → click on BAM Composer checkbox → Click on update

Summary of Deployments

Control Monitoring

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

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

Customize this Table

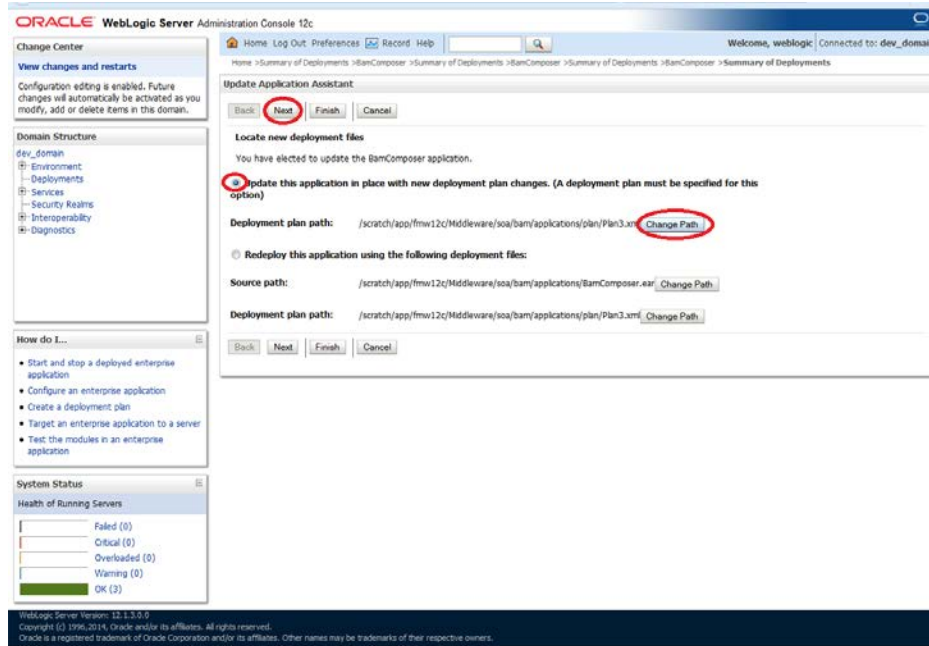
Deployments

Install Update Delete Start Stop

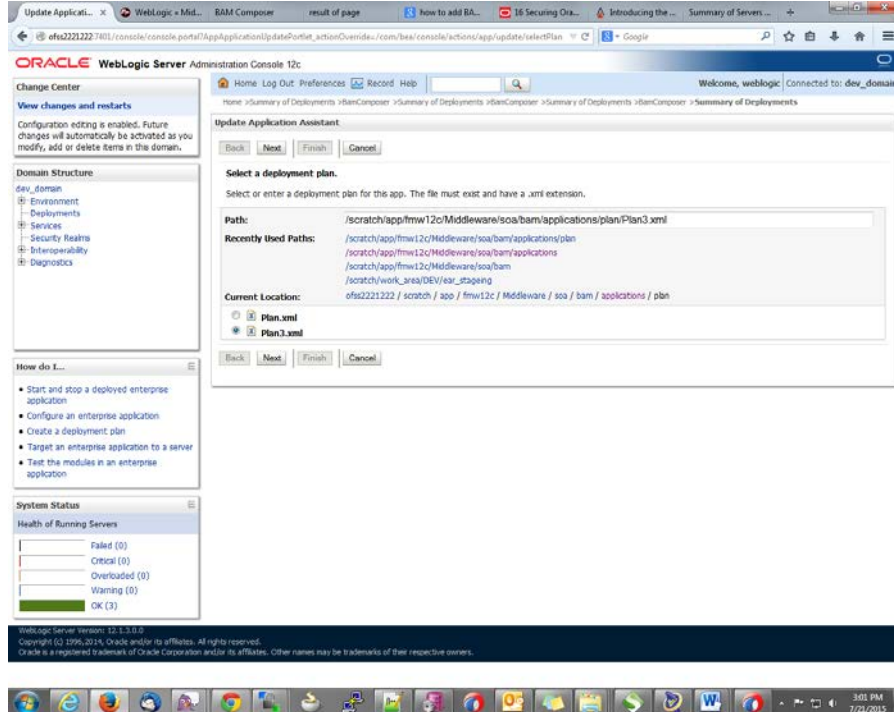
Showing 1 to 47 of 47 Previous Next

Name	State	Health	Type	Targets	Deployment Order
AcAdapter	Active	OK	Resource Adapter	soa_server1	324
soa2bul	Active	OK	Enterprise Application	soa_server1	313
BAMComposer	Active	OK	Enterprise Application	bam_server1	500
BamCQService	Active	OK	Enterprise Application	bam_server1	300
BamServer	Active	OK	Enterprise Application	bam_server1	400
BPMComposer	Active	OK	Enterprise Application	soa_server1	385
coherence-transaction-rar	Active	OK	Resource Adapter	AdminServer, bam_server1, soa_server1	100
CoherenceAdapter	Installed		Resource Adapter		331
DbAdapter	Active	OK	Resource Adapter	soa_server1	322
DefaultToDoTaskFlow	Active	OK	Enterprise Application	soa_server1	314
DMS Application (12.1.3.0.0)	Active	OK	Web Application	AdminServer, bam_server1, soa_server1	5

10. select the Update this application in place with new deployment plan changes and click on change path button.



11. Select the latest plan.xml in the in the path→next→next→Finish



ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: dev_domain

Home » Summary of Deployments » mjbamComposer » Summary of Deployments » mjbamComposer » Summary of Deployments » Summary of Deployments

Messages

- All changes have been activated. No restarts are necessary.
- Selected Deployments were updated.

Summary of Deployments

Control Monitoring

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

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

Customize this table

Deployments

Install Update Delete Start v Stop v

Showing 1 to 47 of 47 Previous Next

Name	State	Health	Type	Targets	Deployment Order
AcAdapter	Active	OK	Resource Adapter	soa_server1	324
mjb2ui	Active	OK	Enterprise Application	soa_server1	313
mjbamComposer	Prepared	OK	Enterprise Application	bam_server1	500
mjbamCQService	Active	OK	Enterprise Application	bam_server1	300
mjbamServer	Active	OK	Enterprise Application	bam_server1	400
mjbamComposer	Active	OK	Enterprise Application	soa_server1	385
coherence-transaction-rar	Active	OK	Resource Adapter	AdminServer, bam_server1, soa_server1	100
CoherenceAdapter	Installed		Resource Adapter		331
DbAdapter	Active	OK	Resource Adapter	soa_server1	322
mjbDefaultToDoTaskFlow	Active	OK	Enterprise Application	soa_server1	314

12. Restart the BAM Composer application in the console

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Welcome, admin Connected to: AlphaDomain

Home » Summary of Deployments » mjbamComposer » Summary of Deployments » mjbamComposer » Summary of Deployments » Summary of Deployments

Messages

- Selected Deployments have been requested to stop.

Summary of Deployments

Control Monitoring

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

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

Customize this table

Deployments

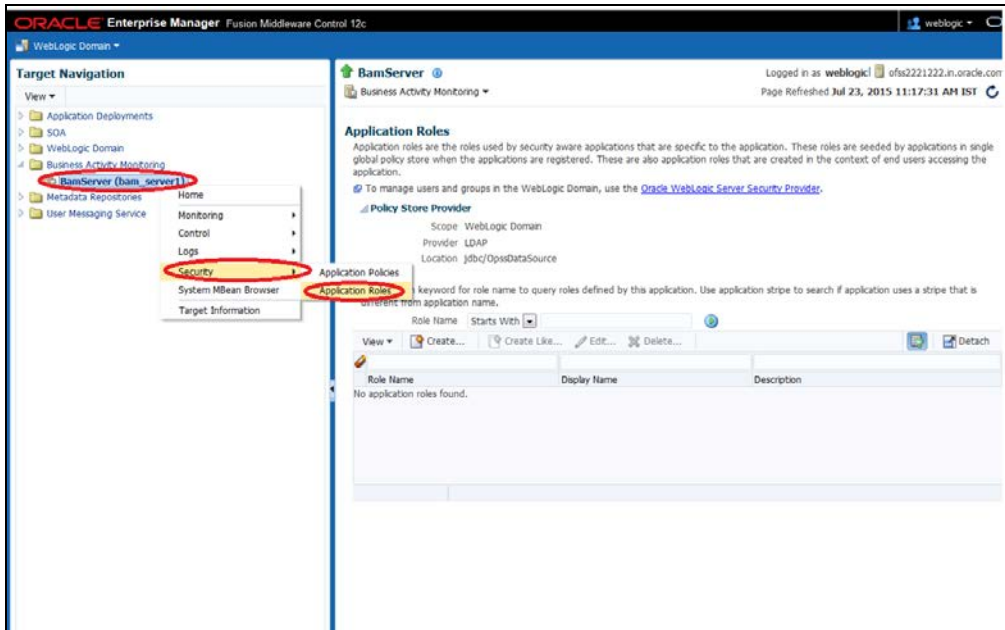
Install Update Delete Start v Stop v

Showing 1 to 48 of 48 Previous Next

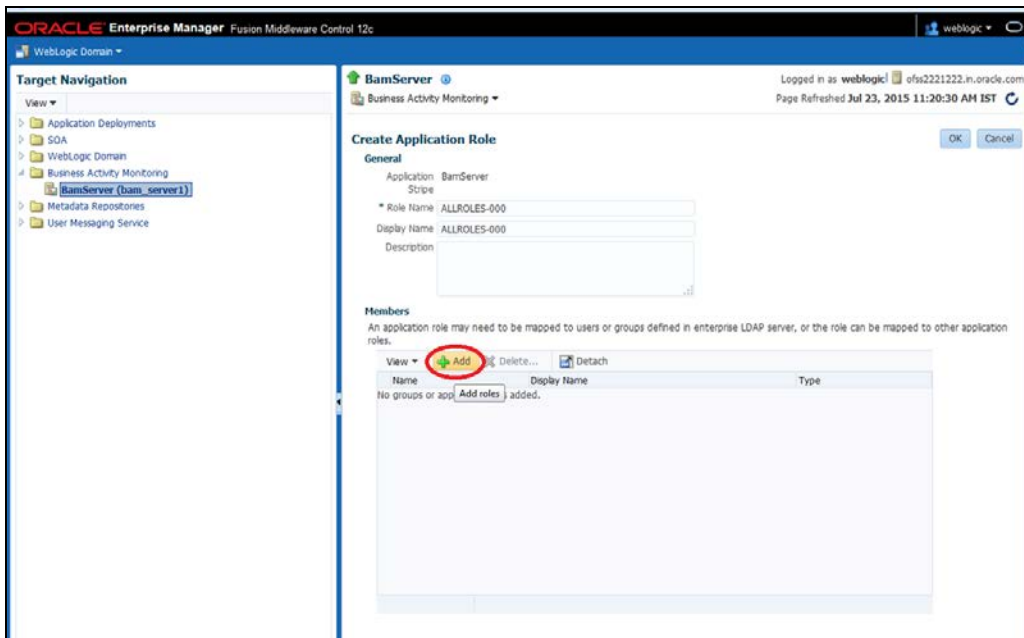
Name	State	Health	Type	Targets	Deployment Order
AcAdapter	Prepared	OK	Resource Adapter	SOAServer	324
mjb2ui	Prepared	OK	Enterprise Application	SOAServer	313
mjbamComposer	Prepared	OK	Enterprise Application	BAMServer	500
mjbamCQService	Active	OK	Enterprise Application	BAMServer	300
mjbamServer	Active	OK	Enterprise Application	BAMServer	400
mjbamComposer	Active	OK	Enterprise Application	SOAServer	385
coherence-transaction-rar	Active	OK	Resource Adapter	AdminServer, BAMServer, SOAServer	100
CoherenceAdapter	Installed		Resource Adapter		331
DbAdapter	Active	OK	Resource Adapter	SOAServer	322
mjbDefaultToDoTaskFlow	Active	OK	Enterprise Application	SOAServer	314
DMS Application (12.1.3.0.0)	Active	OK	Web Application	AdminServer, BAMServer, SOAServer	5
HLR (MandIT (12.1.0.0.0))	Active		Enterprise Application	SOAServer	600

13. Login in to em console http://hostname:port/em

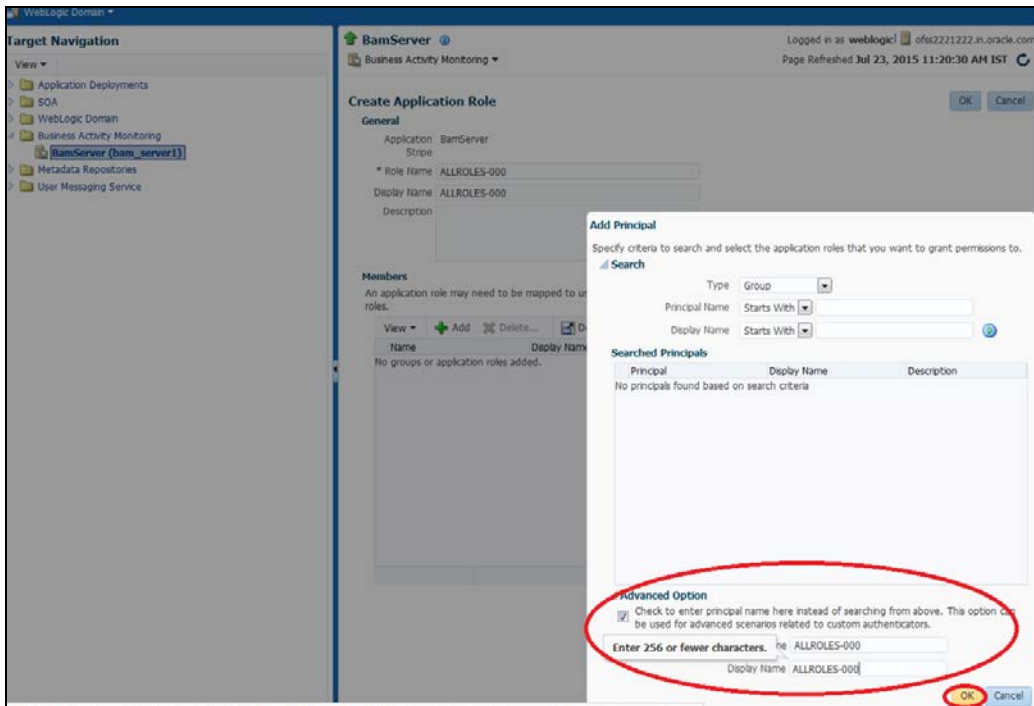
14. Right Click on BAM Server→Security→Application Roles



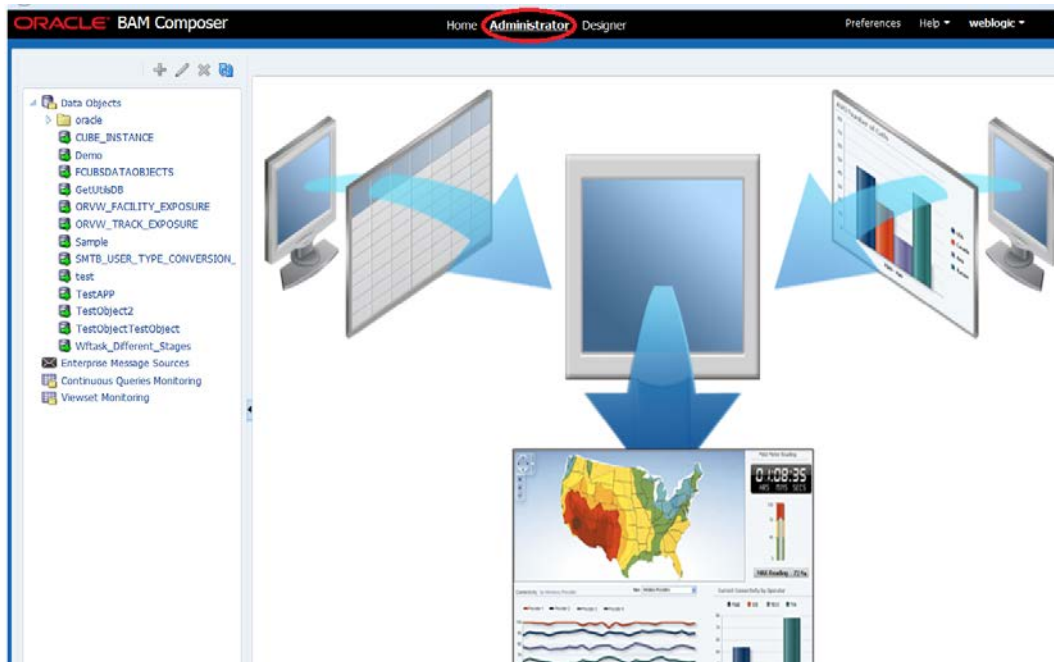
15. Click on Create → create application role with ALL ROLES-000→Click on ADD button in the Members



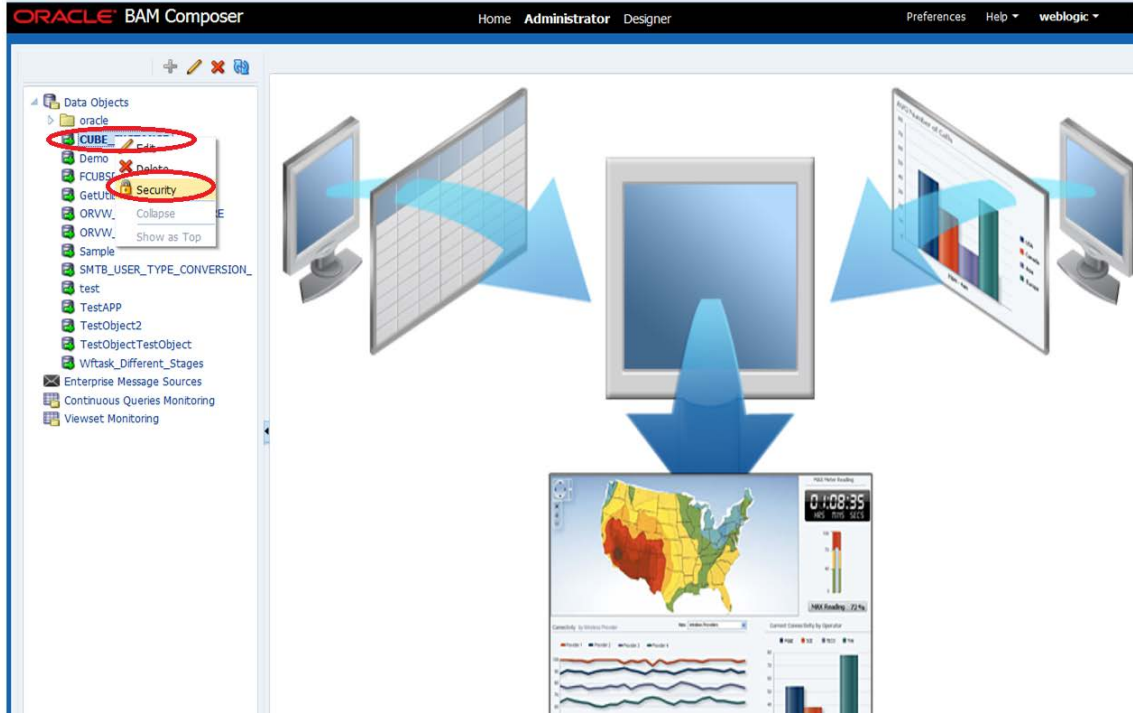
16. Select the Type as Group and add principle details by referring the below screen shot.



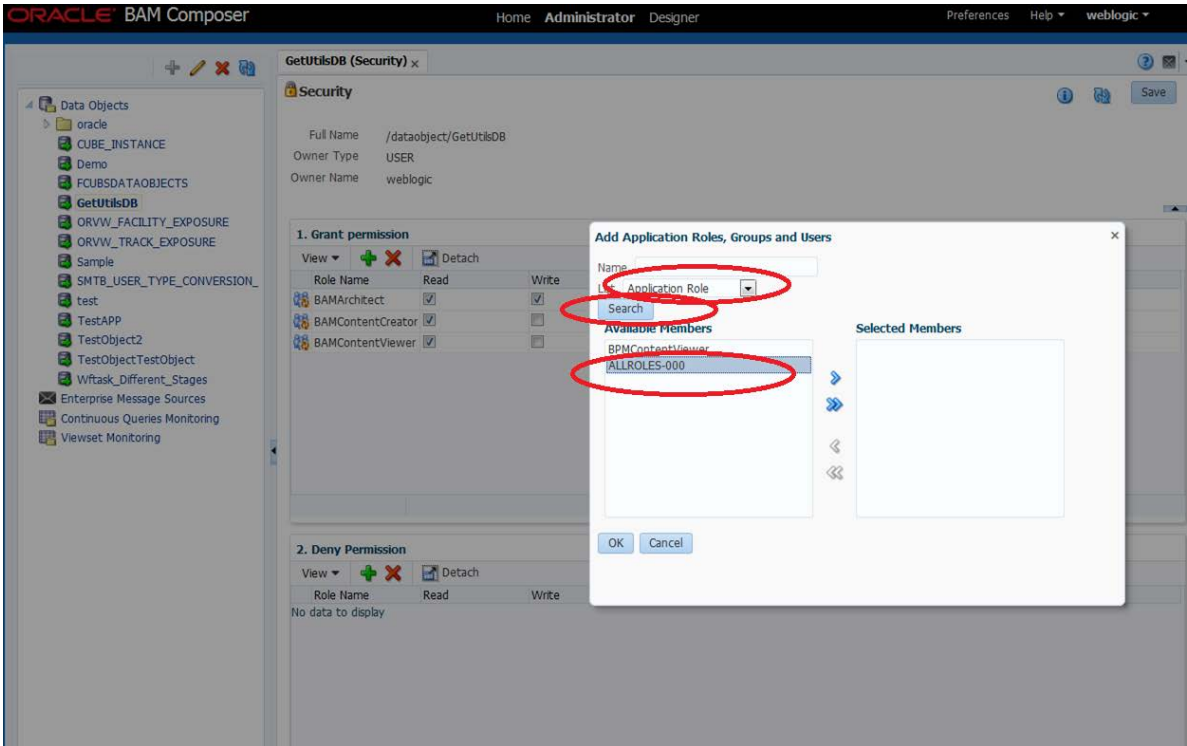
17. Login to BAM Composer → <http://hostname:port/bam/composer>--> Click on Administrator.



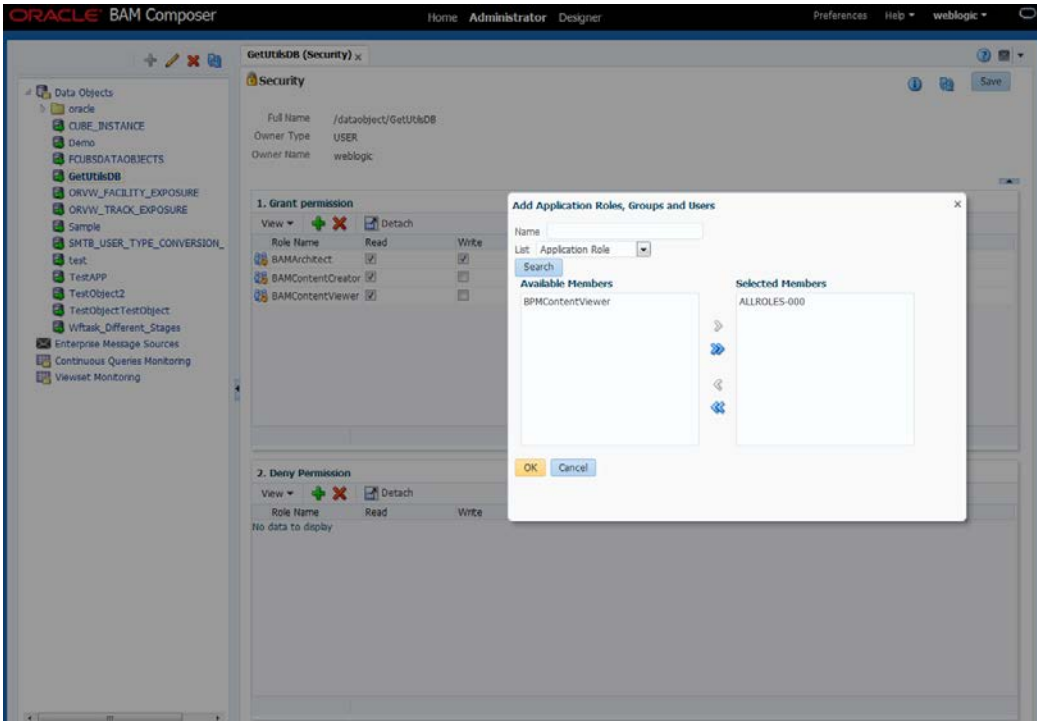
18. Go to Data Object→Right Click on CUBE_INSTANCE→Security



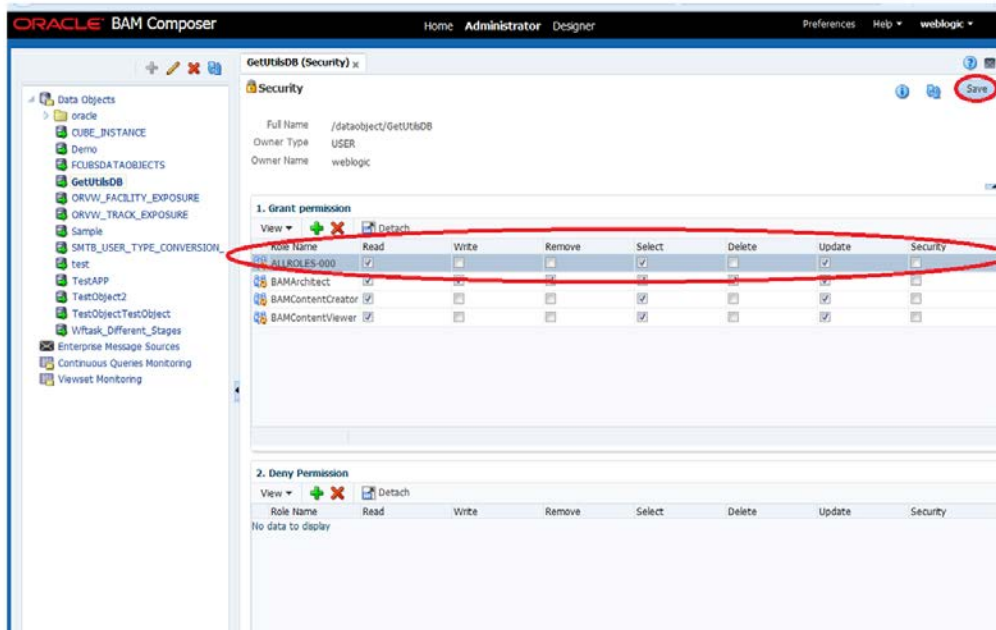
19. Click on Add button under Grant permission and search the list based on the Application Role



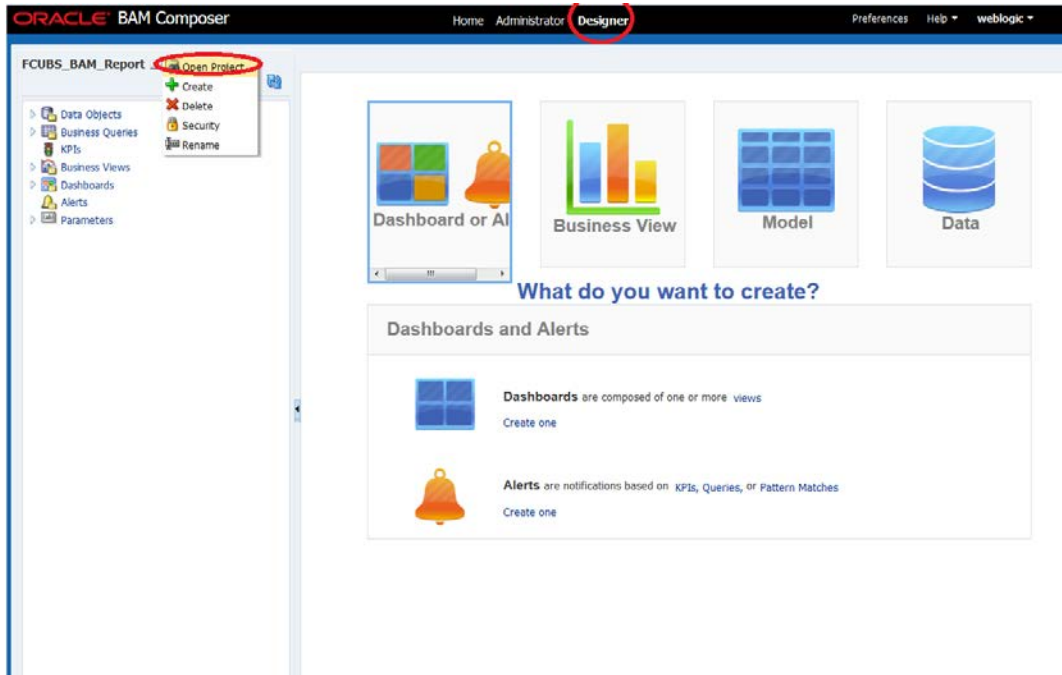
20. Move the ALLROLES-000 to Selected members.



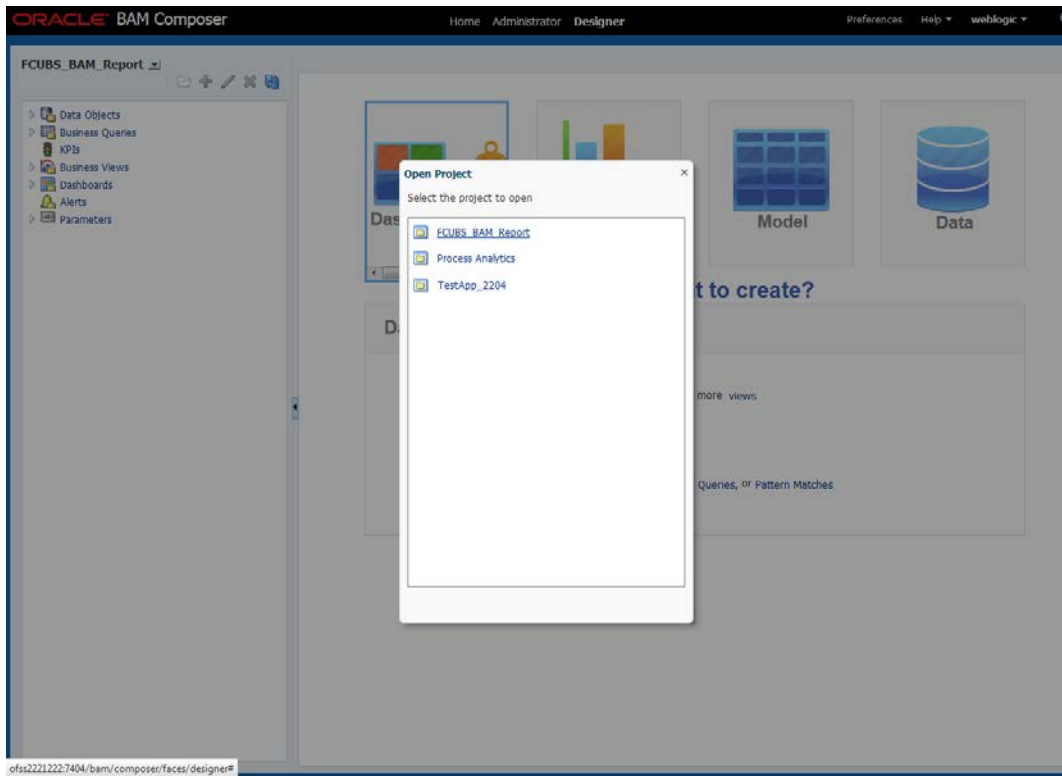
21. Click on read ,select and Update check boxes →Click on Save.



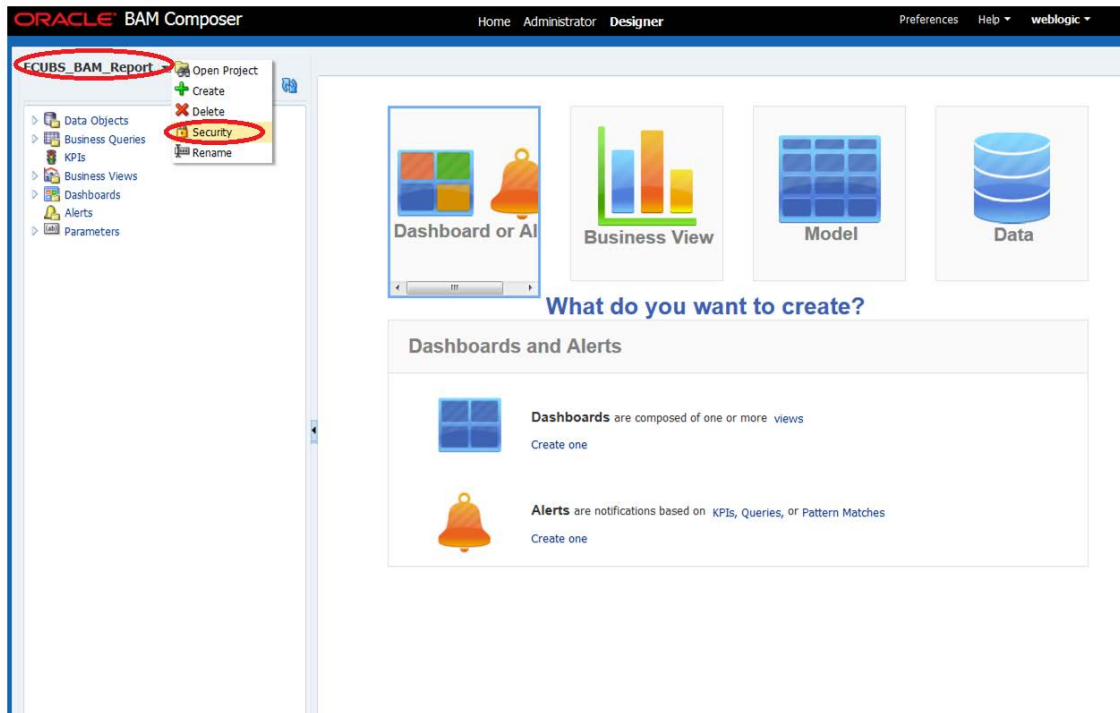
22. Follow the step 17 to 21 for other Data objects also.(cube_instance,wftask_different_stages, ORVW_TRACK_EXPOSURE, ORVW_FACILITY_EXPOSURE, GetUtilsDB, SMTB_USER_TYPE_CONVERSION_VIEW, FCUBSDATAOBJECTS).
23. Click on Designer →open Project



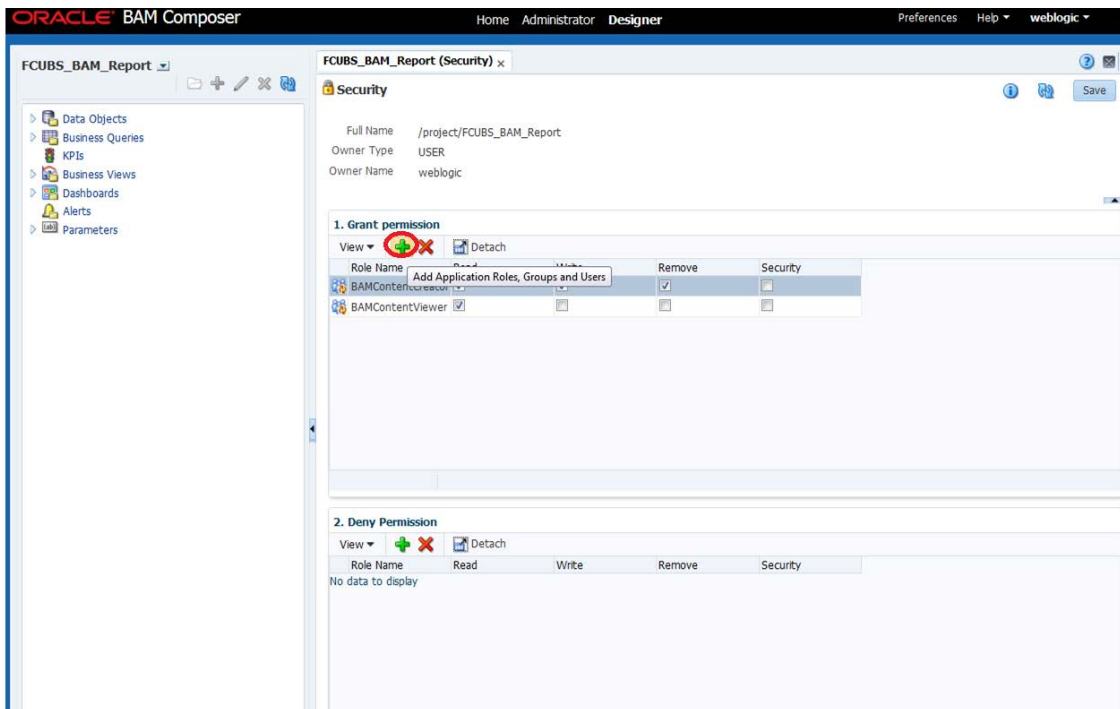
24. Click on FCUBS_BAM_report

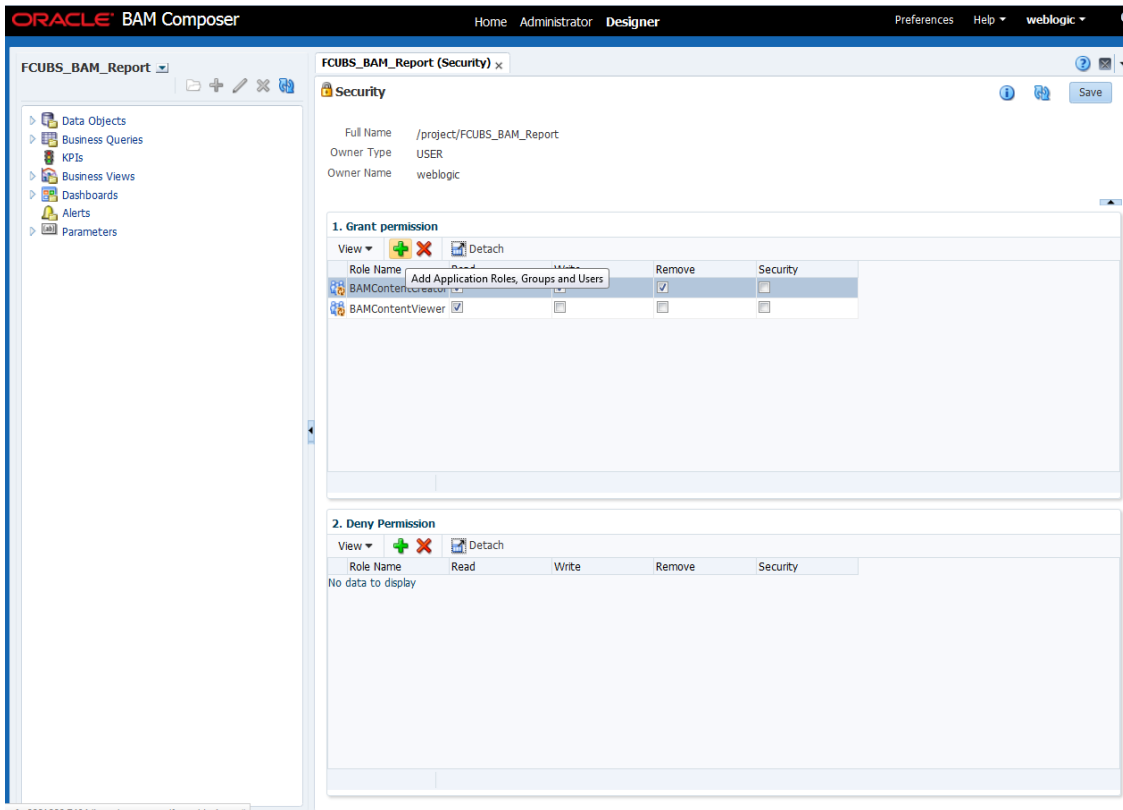


25. click on FCUBS_BAM_Report → Security

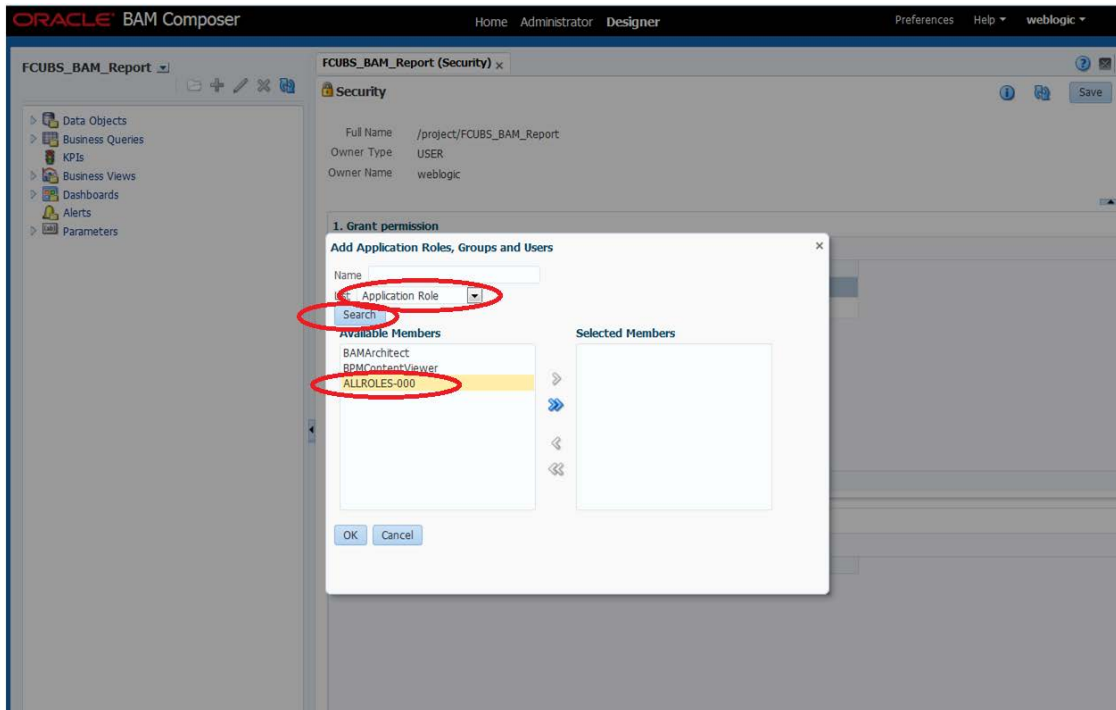


26. Click on ADD button Under Grant Permission.

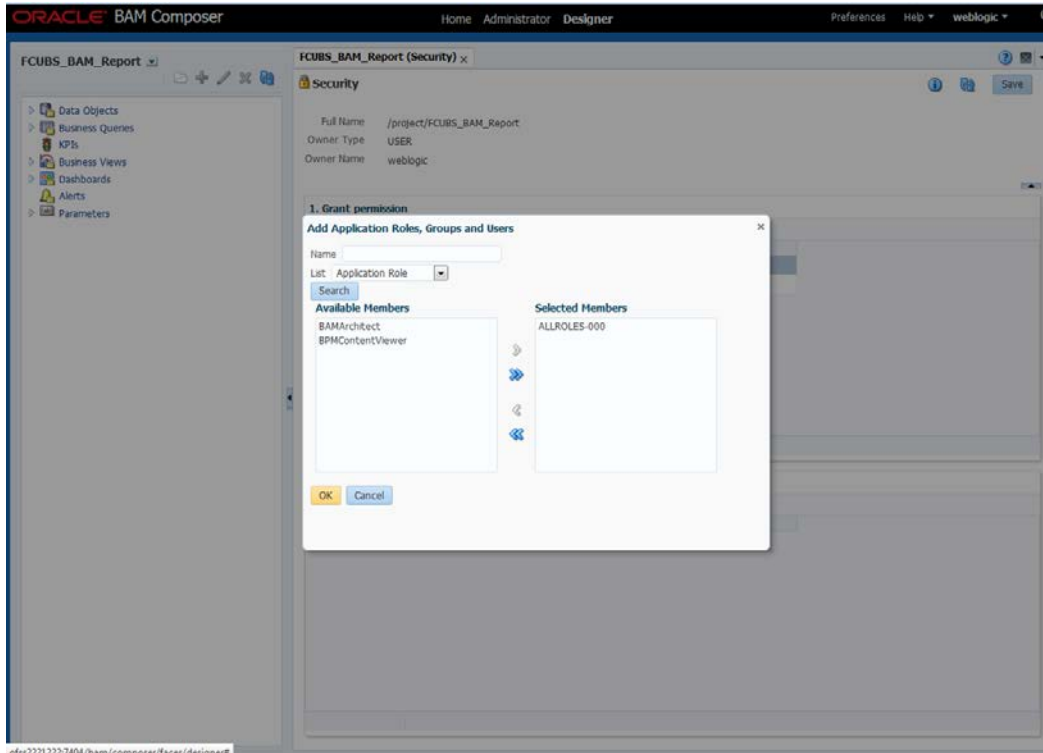




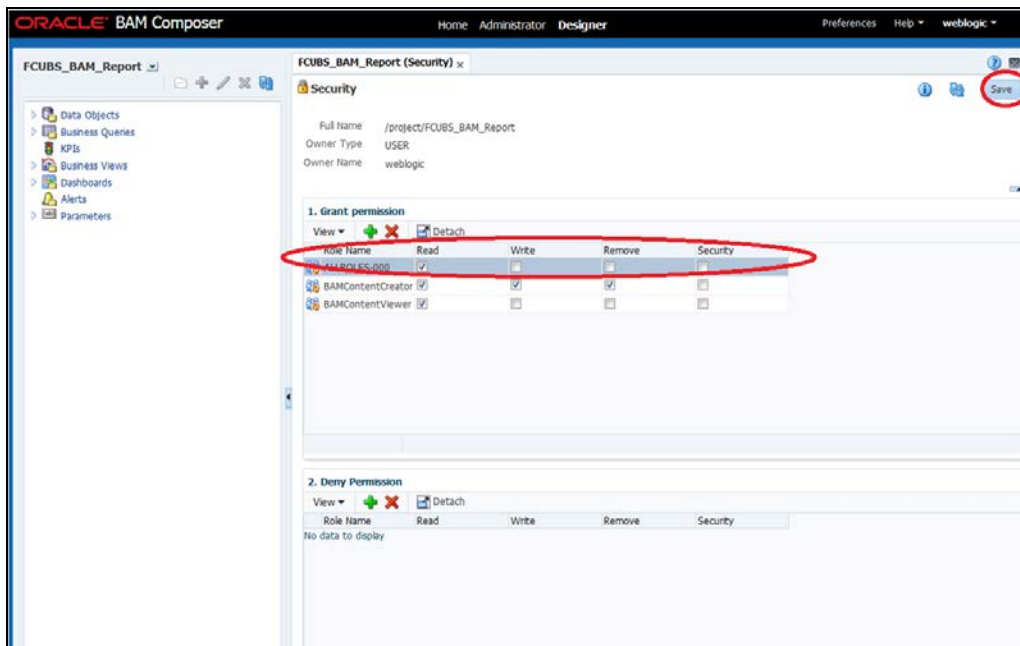
27. Search the List based on the Application Roles and Select the ALLROLES-000



28. Move the ALLROLES-000 to Selected Members and click on ok.



29. Select the Read check box for ALLROLES-000 → Click on Save



1.2.11 IPM configuration to edit the document

- 1) Login to the console, `http/s:<hostname>:<port>/console` with admin user
- 2) Follow the step 1.2.1 to add the “FCJCustomProvider”.

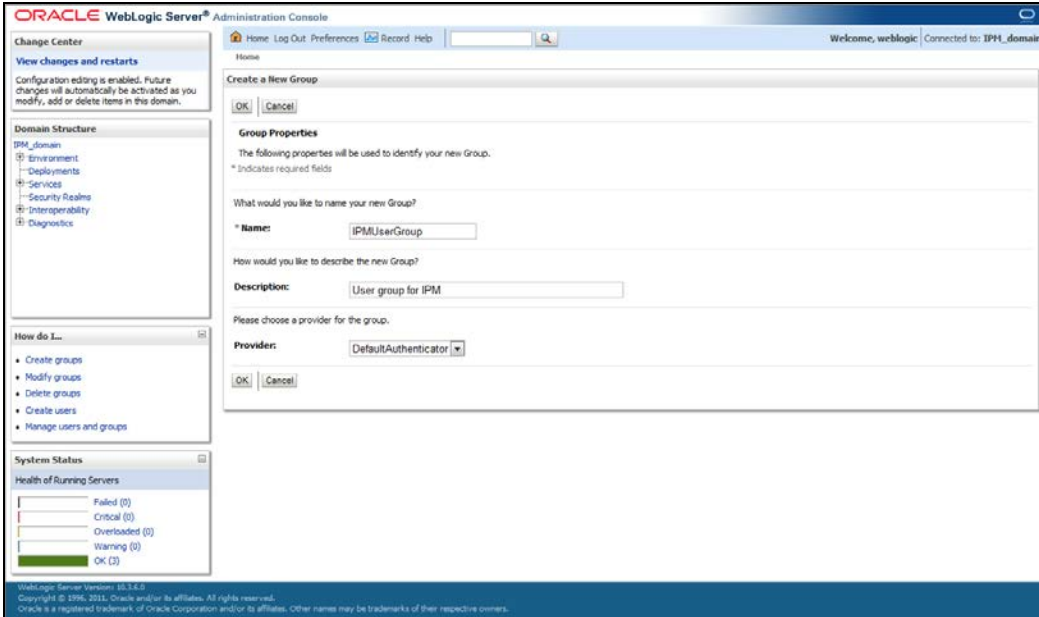
After adding, Navigate to security realms > myrealm > Users and Groups and check if the users from the schema are displayed in Users tab, and Roles from the schema are displayed under the Groups Tab.

- 3) After adding the custom authenticator,
 - Navigate to security realms >my realm > Users and Groups > Groups.
 - Click on the New button.

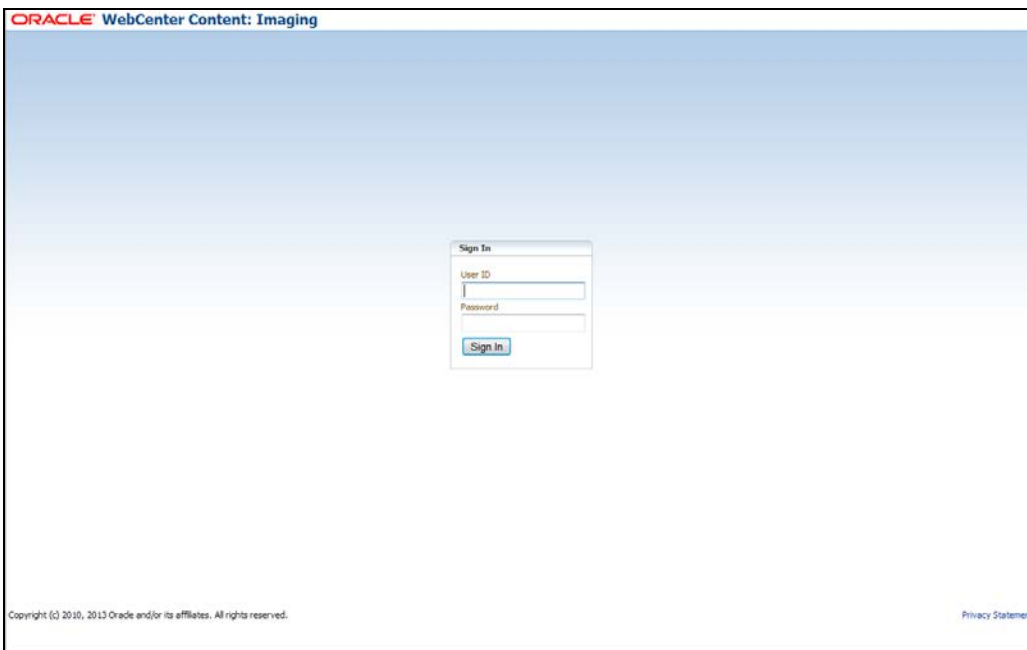
The screenshot shows the Oracle WebLogic Server Administration Console interface. The main content area displays the 'Settings for myrealm' page, specifically the 'Users and Groups' tab. The 'Groups' sub-tab is selected, showing a table of existing groups. The table has columns for Name, Description, and Provider. A 'New' button is highlighted in the top left of the table area. The table lists the following groups:

Name	Description	Provider
AC-BATCH	Accounting Batch Operations	Foabs
AC-REPORTS	Accounting Reports	Foabs
AC-RPT	Accounting Reports	Foabs
ADMIN	Admin	Foabs
AdminChannelUsers	AdminChannelUsers can access the admin channel.	DefaultAuthenticator
Administrators	Administrators can view and modify all resource attributes and start and stop servers.	DefaultAuthenticator
ADMINROLE	Admin Role	Foabs
AE MAINT-EN	AEOD Maintenance	Foabs
AEOD-RPT	AEOD Reports	Foabs
AEOD-STB	Accounting Reports	Foabs

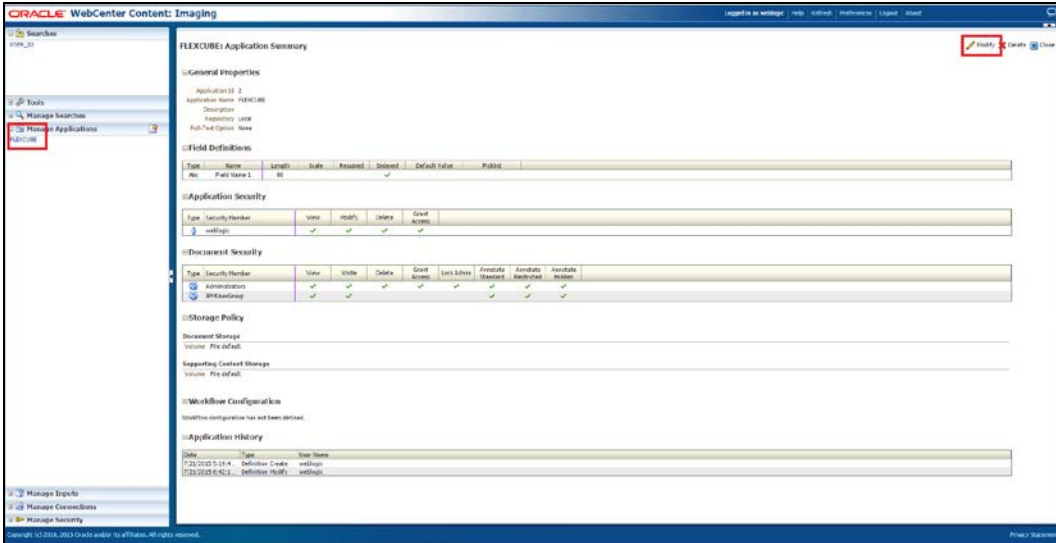
- 4) After Clicking on the new button,
 - Enter the name as “IPMUserGroup”
 - Description for it (optional)
 - And select the authenticator as “DefaultAuthenticator”
 - And then click “Ok”



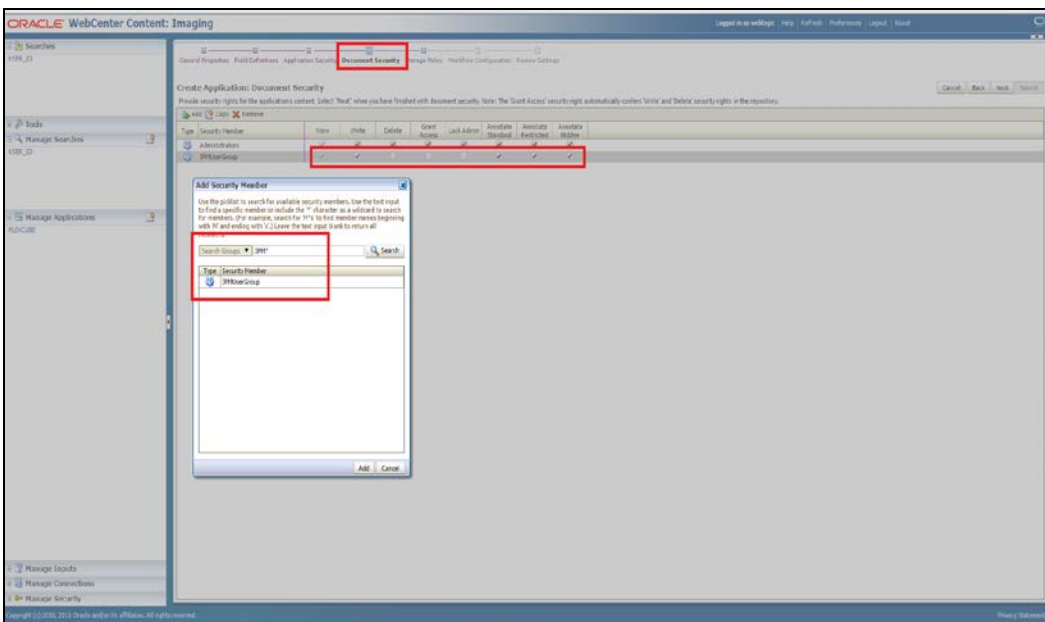
5) Login to the Imaging URL <http://s:<hostname>:<port>/imaging> with admin user



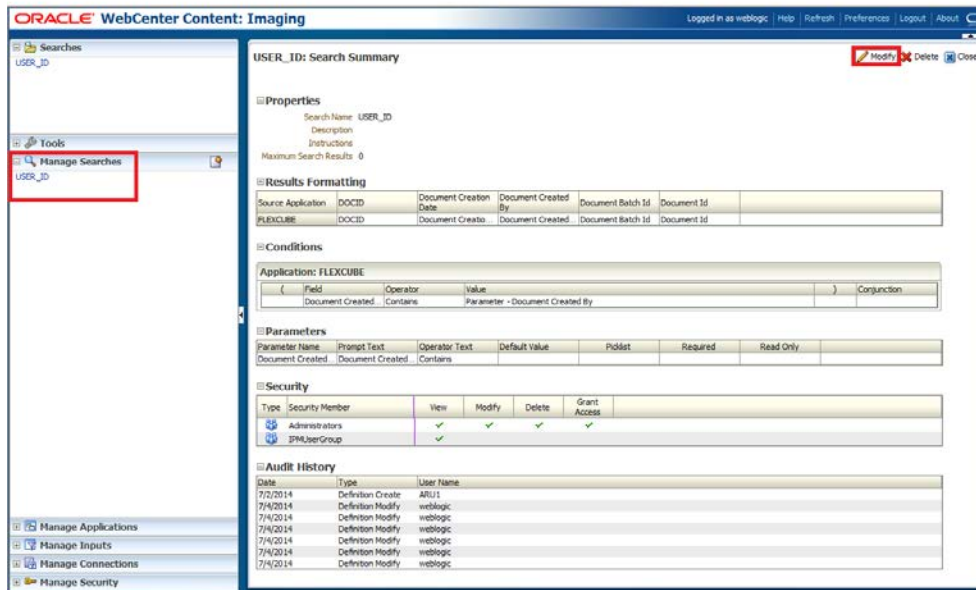
- a. Navigate to Manage Applications
- b. Click on the FLEXCUBE
- c. Then click on the modify on the right pane



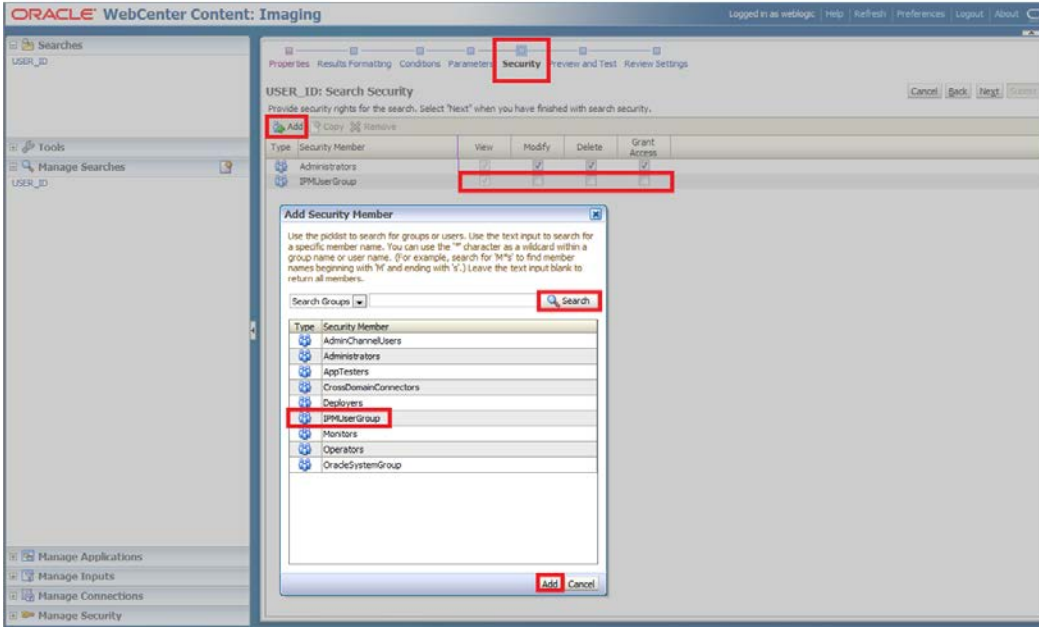
- 6) After clicking on the modify button,
 - a. Navigate to Document Security
 - b. Click on Add button
 - c. Click on Search button in the pop up window
 - d. Select the "IPMUserGroup"
 - e. Click on Add
 - f. IPMUserGroup will be listed in the panel, select view ,write,annotate Standard,Annotate Restricted and Annotate Hidden checkboxes.
 - g. Finally click on the submit button on the right corner



- 7) After clicking on the submit button,
 - a. Navigate to Manage Searches
 - b. Click on the available search (ex: USER_ID in this doc)
 - c. Click on the modify



- 8) After clicking on the modify button,
 - a. Navigate to Document Security
 - b. Click on Add button
 - c. Click on Search button in the pop up window
 - d. Select the "IPMUserGroup"
 - e. Click on Add
 - f. IPMUserGroup will be listed in the panel; don't select any checkbox except the default view checkbox.
 - g. Finally click on the submit button on the right corner



9) Copy the FCBPELCIS.jar to location

<ORACLE_HOME >\user_projects\domains\<<domain name>\lib

10) Go to the location – ‘<ORACLE_HOME>\

user_projects\domains\<<Domain_created>\config\fmwconfig’

- a. Open ‘jps-config.xml’ file. Search for ‘<serviceProviders>’ tag and add the following code between ‘<serviceProviders>’ and ‘</serviceProviders>’ tags.

```
<serviceProvider class="oracle.security.jps.internal.idstore.generic.GenericIdentityStoreProvider"
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.FCIIdentityStoreFactory"/>
  <property name="DATASOURCE_NAME" value="jdbc/fcdevDS"/>
  <property name="INTERNAL_CONTEXT_REQUIRED" value="true"/>
  <property name="INTERNAL_CONTEXT_NAME" value="internalstore"/>
</serviceInstance>
```



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

- c. Search for '<jpsContext name="default">' tag and modify the reference '<serviceInstanceRef ref="idstore.Idap"/>' to '<serviceInstanceRef ref="idstore.custom"/>' between '<jpsContext name="default">' and '</jpsContext>'
- d. Search for '<jpsContexts default="default">' tag and add the following code between '<jpsContexts default="default">' and '</jpsContexts>', preferably after the default 'jpsContext'.

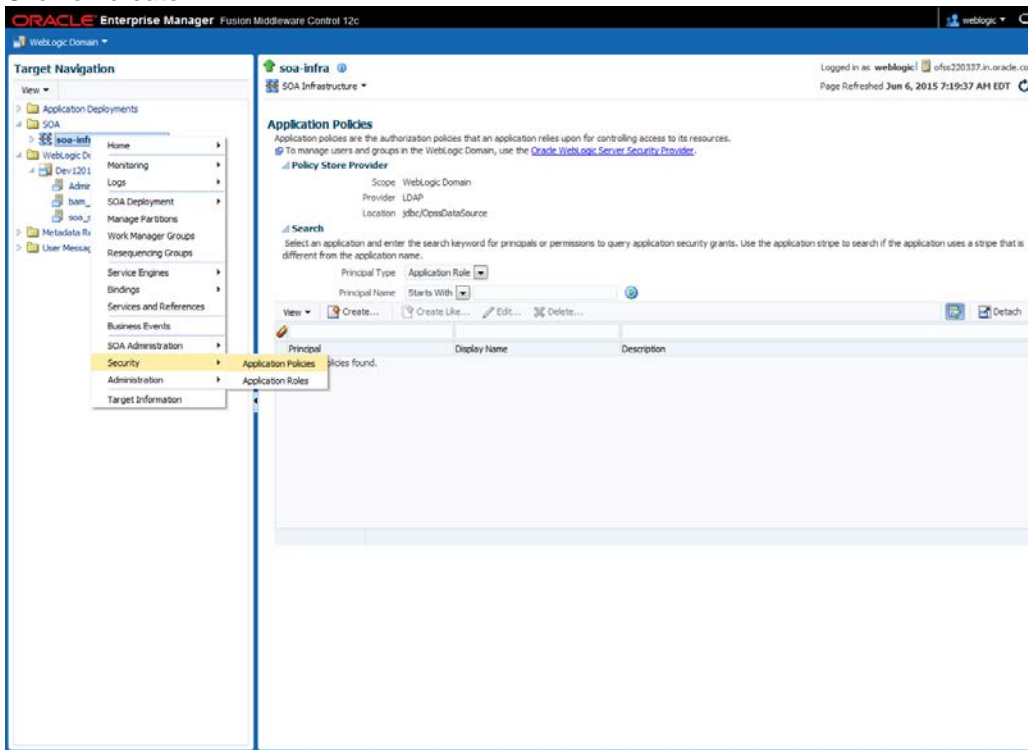
```

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

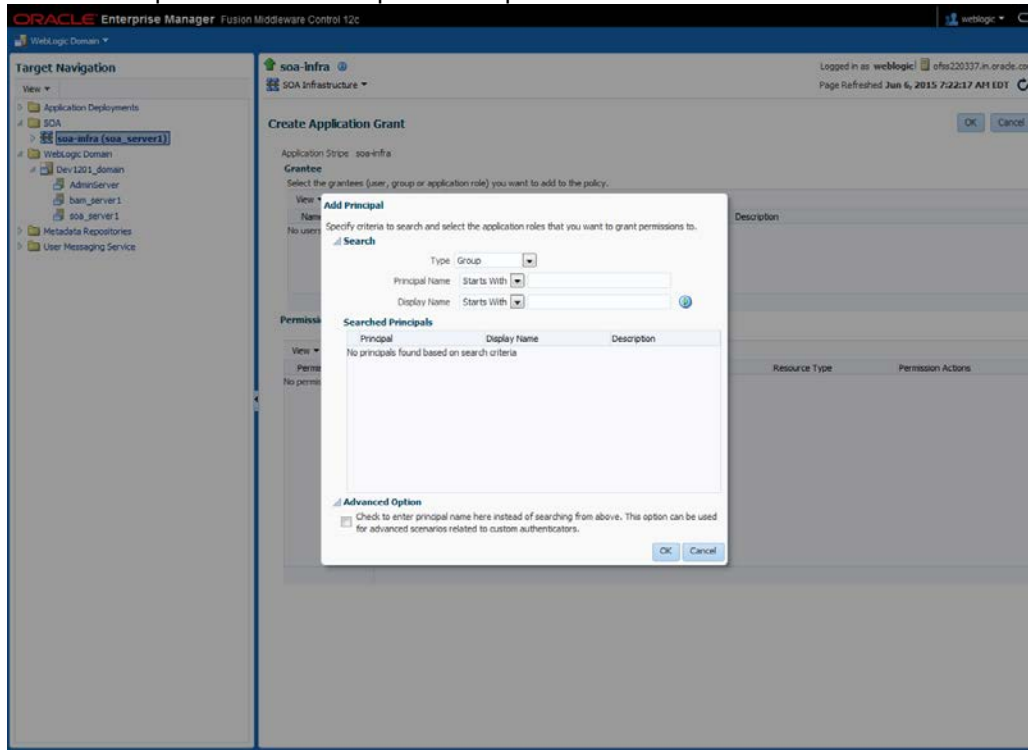
```

1.2.12 Configuring Supervisor Roles in EM

1. Right click on soa-infra. Select security→application policies
2. Click on create.

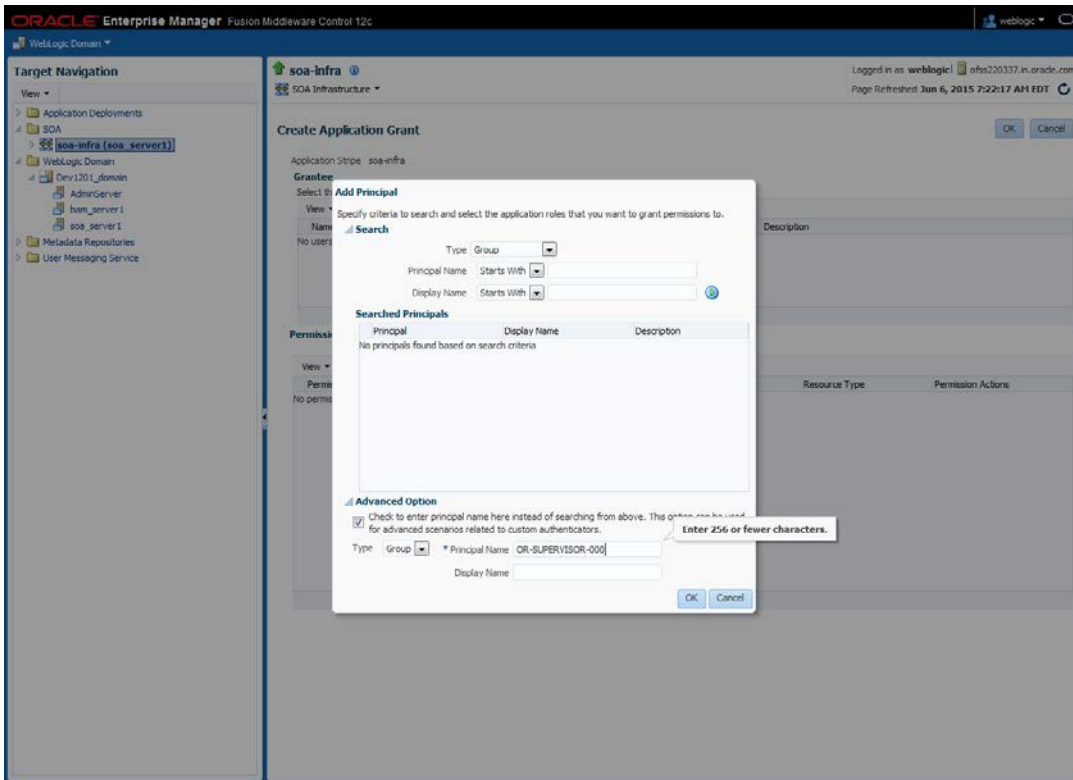


3. Select Principal Name as 'Group' from drop down list.

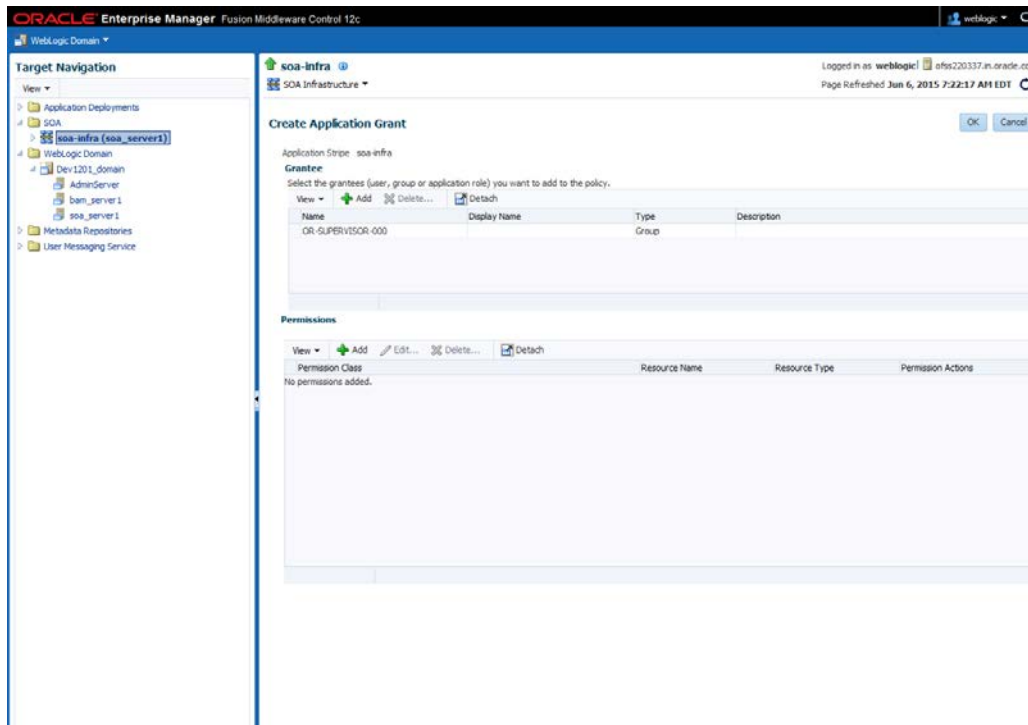


4. Click on 'Advanced option'.
5. Click on the check box and provide the group from drop down.
6. Provide the principal name as (OR-SUPERVISOR-000).

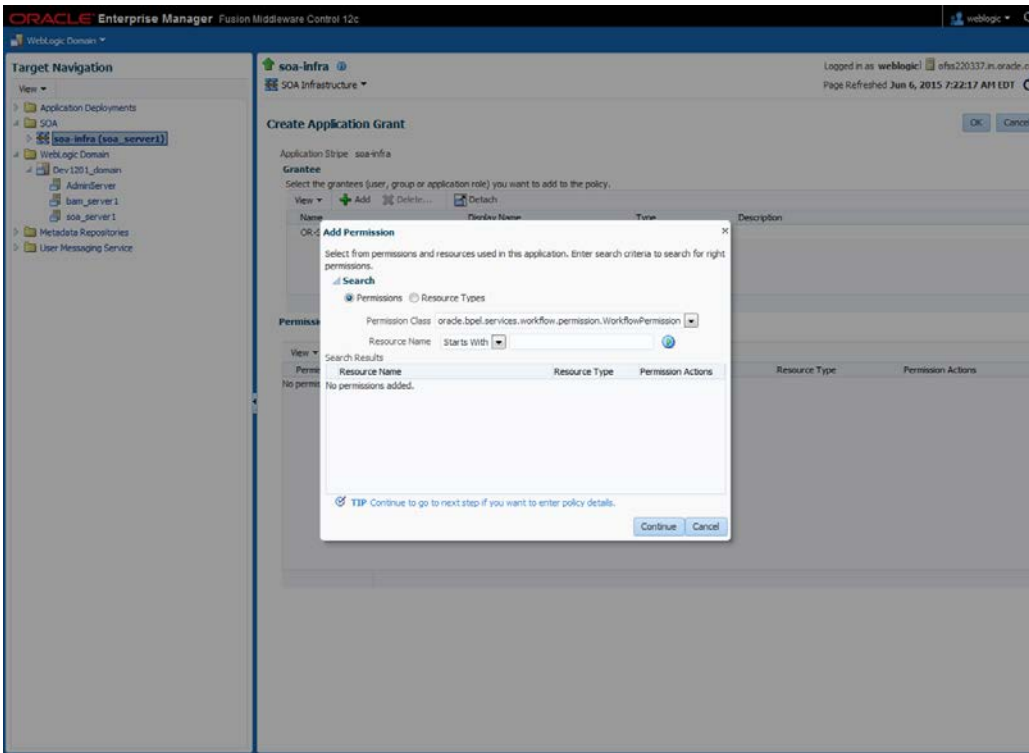
This will be role in flexcube for the supervisor. The branch will be coded manually. Ie if the branch code is CHO then the role to be created is (OR-SUPERVISOR-CHO).



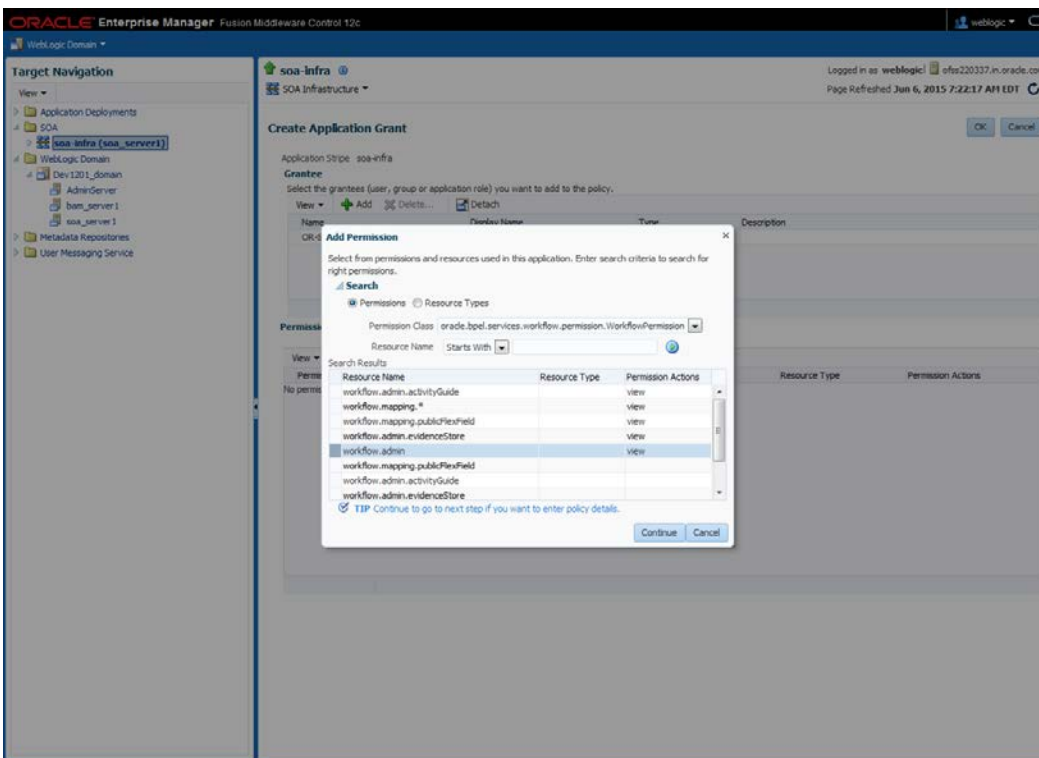
7. Add permission for the grantee.

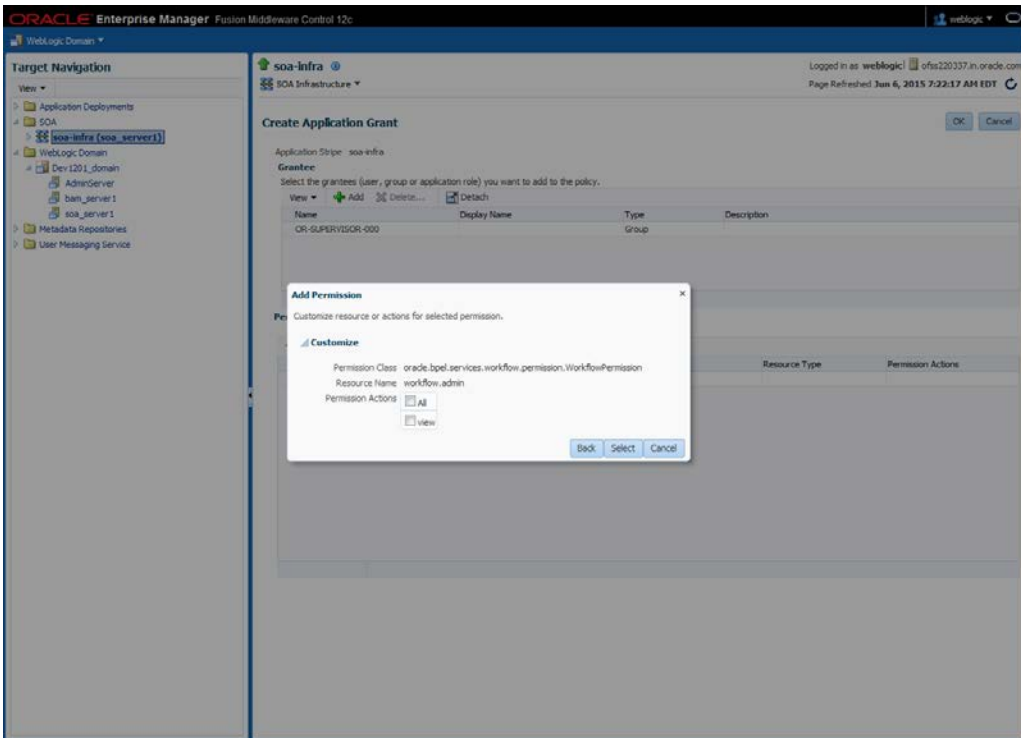


8. Select permission class as mentioned and click on the play button.

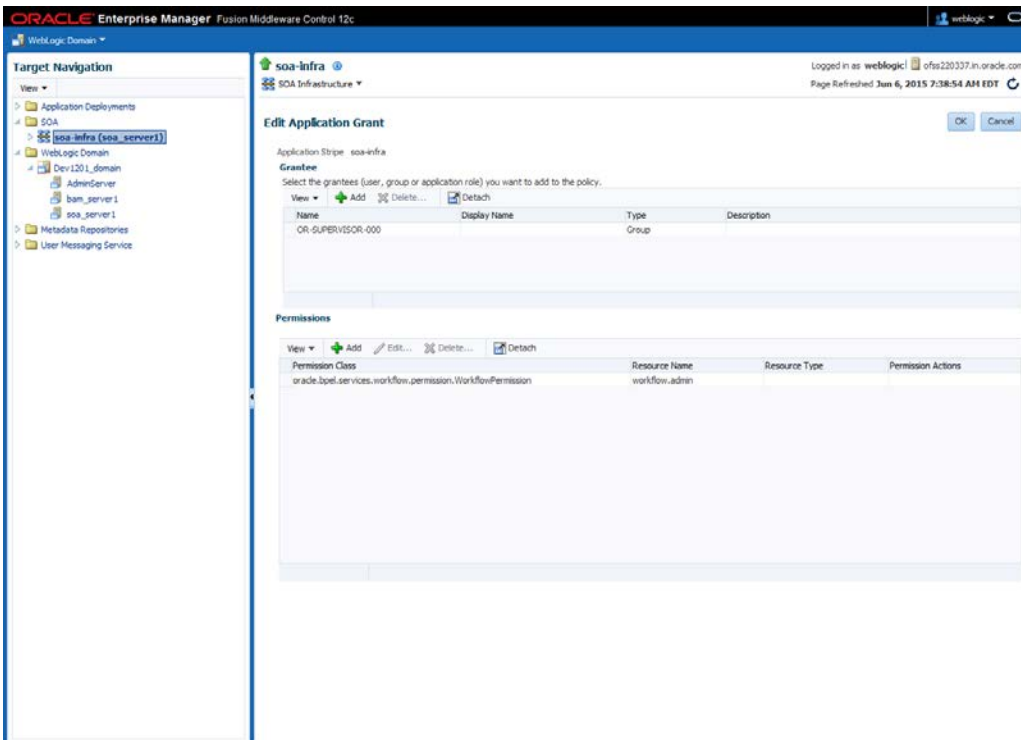


9. Select workflow.admin from the search result and give continue.



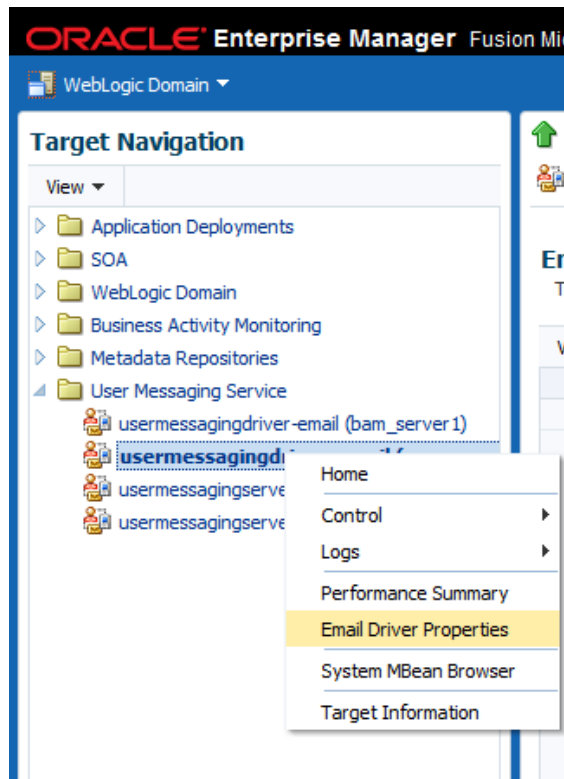


10. Click OK on Application Grant Page.

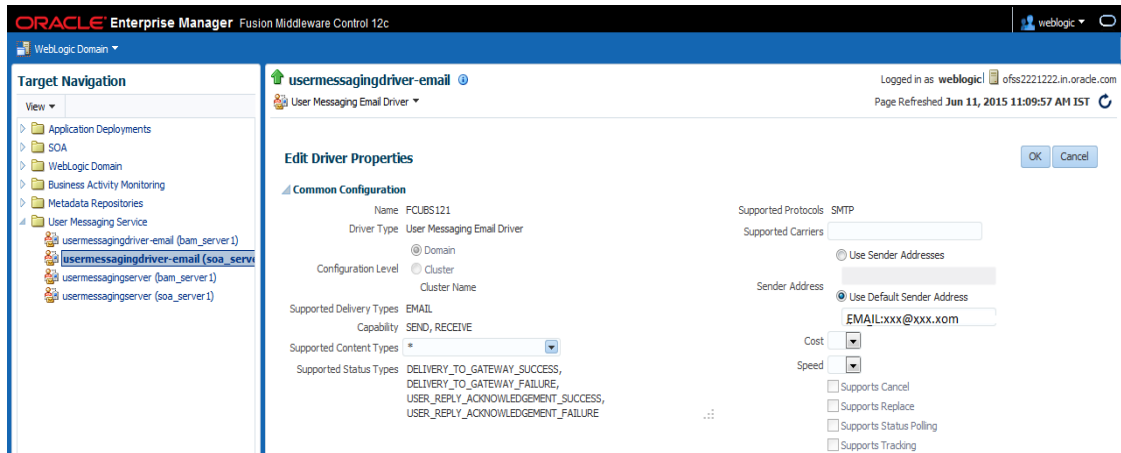


1.2.13 Email Driver Configuration

1. Login to EM console
2. Navigate to User Messaging Service
3. Right click usermessagingdriver-email (soa_server1)
4. Click on Email Driver Properties



5. .Enter the sender Address and default sender address (This id will be used as sender address).
6. .Enter the supported protocols (SMTP)



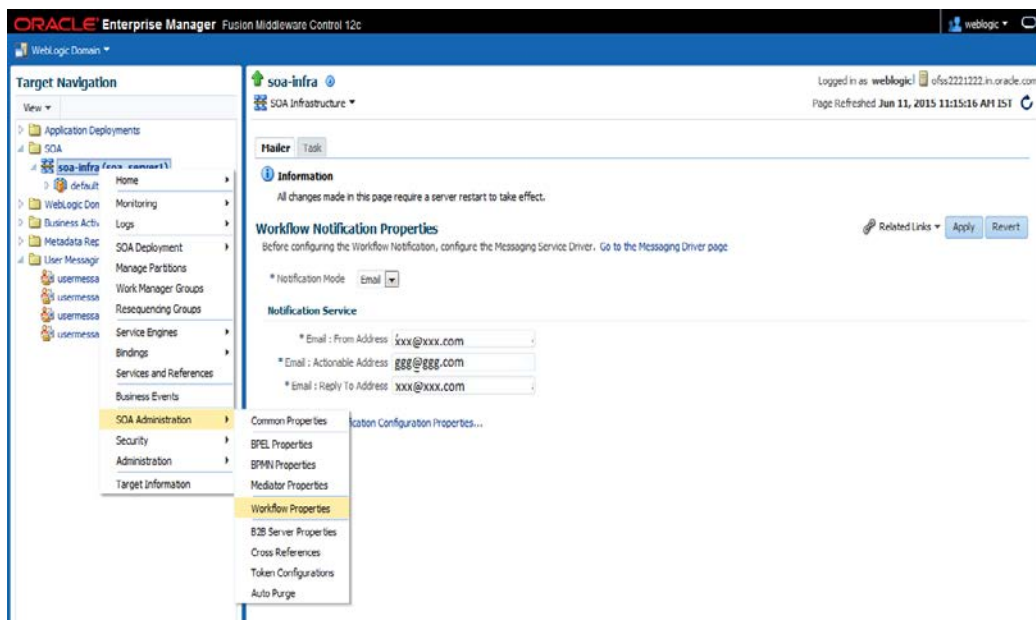
7. Select the mail access protocol (IMAP) as per the mail server specification

Driver-Specific Configuration				
Name	Description	Mandatory	Encoded Credential	Value
E-mail Receiving Protocol	E-mail receiving protocol. The possible values are IMAP and POP3.			IMAP
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 Frequency	The frequency to permanently remove deleted messages. The unit is in seconds and the default value is 600 seconds. A 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. Enter the Receive folder in the mailbox (INBOX)
9. Enter the Outgoing mail server hostname or IP
10. Enter the outgoing mail server port
11. Enter the outgoing default from address
12. Enter the Outgoing user name 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.			XXXXXX
Outgoing Mail Server Port	Outgoing Mail Server Port			25
Outgoing Mail Server Security	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.			

13. Navigate to SOA Administration ->Workflow Properties



14. Select the notification mode as Email/ALL and enter the from address Actionable address and reply to Address.

1.2.14 TimeOut Settings for BPEL

1. Login in to Console (<http://hostname:port/console>)
2. Click on Deployments

The screenshot shows the Oracle WebLogic Server Administration Console interface. The browser address bar displays the URL `10.184.135.218:7001/console/console.portal?_nfpb=true&_pageLabel=HomePage1`. The page title is "ORACLE WebLogic Server Administration Console 12c". The breadcrumb navigation path is "Home > AlphaDomain > Summary of Servers > AlphaDomain > Summary of Servers > Summary of Deployments > soa:infra > BPELEngineBean".

The interface includes several panels:

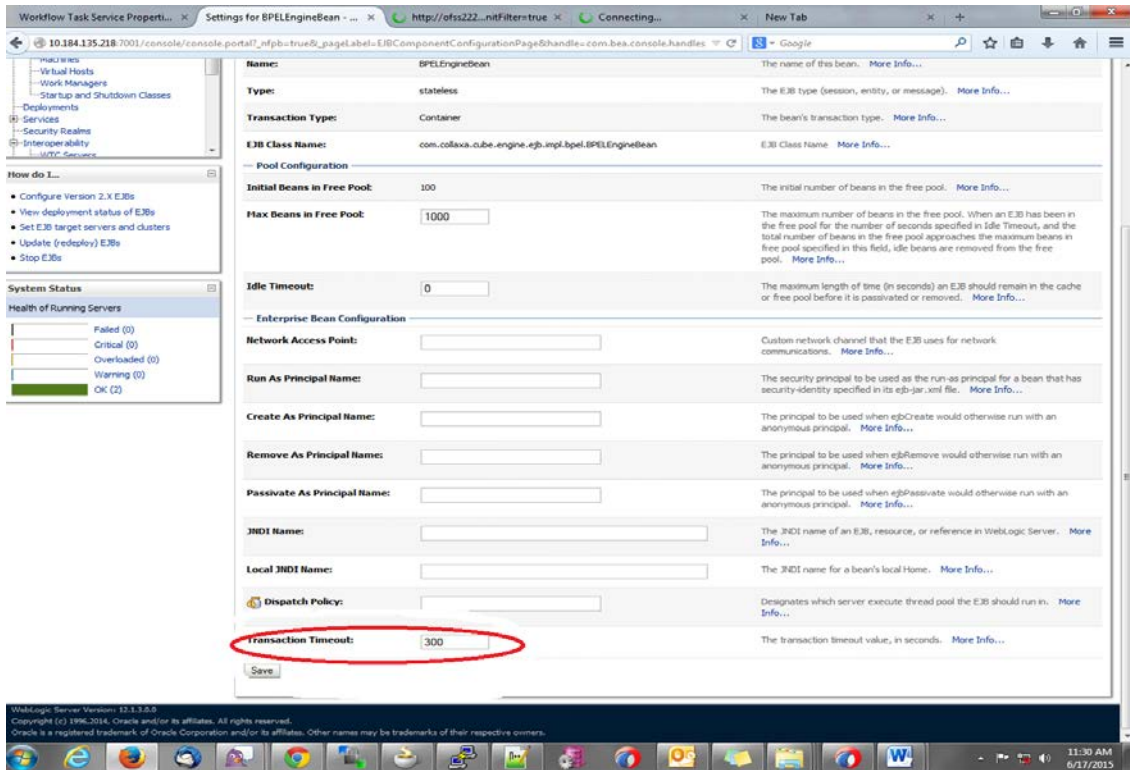
- Change Center:** View changes and restarts. Configuration editing is enabled.
- Domain Structure:** A tree view showing the hierarchy: AlphaDomain > Environment > Servers > Clusters > Coherence Clusters > Machines > Virtual Hosts > Work Managers > Startup and Shutdown Classes > Deployments > Services > Security Realms > Interoperability > WTC Servers.
- How do I...:** Search the configuration, Use the Change Center, Record WLST Scripts, Change Console preferences, Manage Console extensions, Monitor servers.
- System Status:** Health of Running Servers: Failed (0), Critical (0), Overloaded (0), Warning (0).
- Home Page:** Information and Resources, Domain Configurations, Environment, Services, Interoperability, Diagnostics, Charts and Graphs.
- Your Deployed Resources:** A list of deployed resources, with "Deployments" highlighted by a red circle.

3. Click on SOA_INFRA Application under deployments.

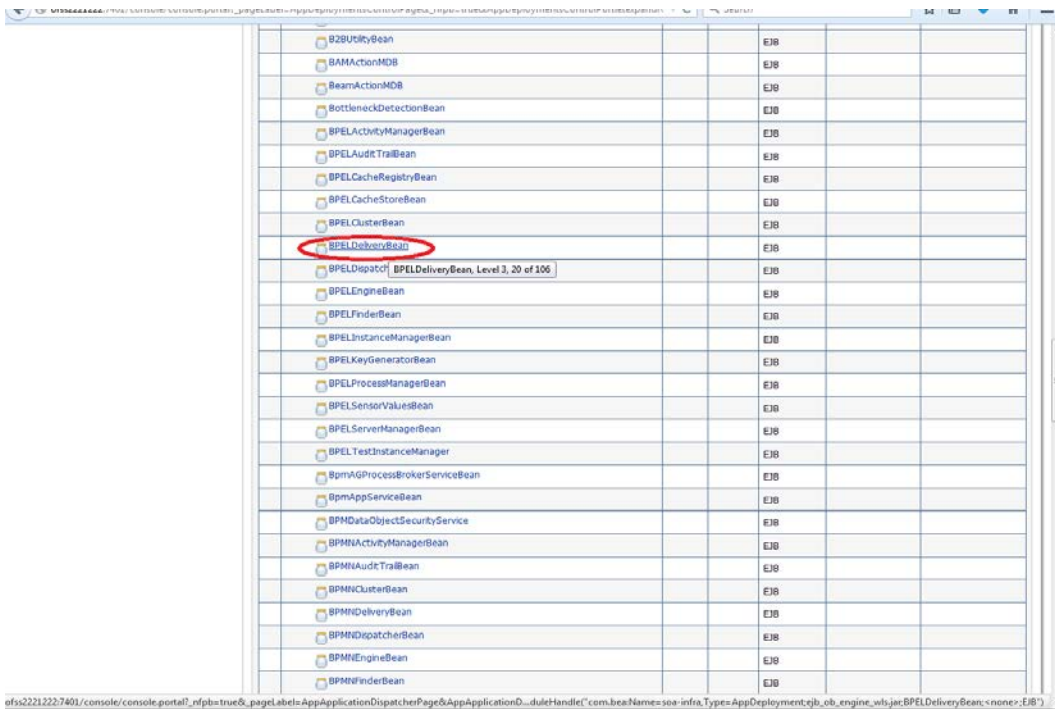
Name	State	Health	Type	Targets	Deployment Order
oracle.wsm.console.core.view(1.0,12.1.3.0)	Active		Library	AdminServer	311
oracle.wsm.seeepolicies(2.0,12.1.3)	Active		Library	AdminServer, BAMServer, SOAServer	100
OracleAppsAdapter	Active	OK	Resource Adapter	SOAServer	320
OracleBPMAdapter	Installed		Resource Adapter		320
OracleBPMAC.ServerApp	Active	OK	Enterprise Application	SOAServer	384
OracleBPMComposerRolesApp	Active	OK	Enterprise Application	SOAServer	382
OracleBPMProcessRolesApp	Active	OK	Enterprise Application	SOAServer	381
OracleBPMWorkspace	Active	OK	Enterprise Application	SOAServer	383
ora10n-adv(11.1.1.1.1.0)	Active		Library	AdminServer, BAMServer, SOAServer	100
owasp.esap(2.0,12.1.3)	Active		Library	AdminServer, BAMServer, SOAServer	100
SAPAdapter	Installed		Resource Adapter		335
SimpleApprovalTaskFlow	Active	OK	Enterprise Application	SOAServer	386
soa-infra	Active	OK	Enterprise Application	SOAServer	350
soa-integrapp	Active	OK	Enterprise Application	SOAServer	360
soa-em	Active		Library	AdminServer	100
SocketAdapter	Installed		Resource Adapter		326
state-management-provider-memory-car-12.1.3	Active	OK	Resource Adapter	AdminServer, BAMServer, SOAServer	100
uIX(11.1.1.3.0.0)	Active		Library	AdminServer, BAMServer, SOAServer	100

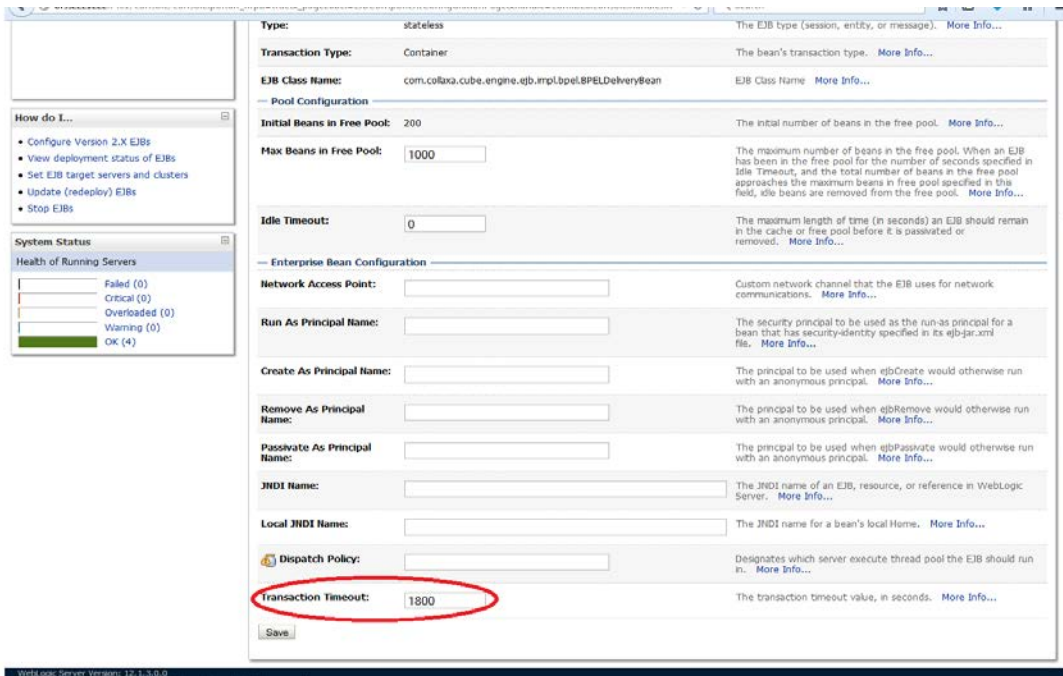
4. Click on BPEL Engine EJB→Configuration→set Transaction Time Out to 300.

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



5. Go to EJBs→BPEL Delivery Bean→ Configuration→set TransactionTimeout to 300





6. Login in to Console → JTA
7. Set the JTA timeout According to the below condition. Make sure BPELEngineBean + BPELDeliveryBean is \leq JTA timeout ($300+300 \leq 600$)

The screenshot shows the Oracle WebLogic Server Administration Console 12c interface. The main content area is titled "Settings for dev_domain" and is divided into several tabs: Configuration, Monitoring, Control, Security, Web Service Security, and Notes. Under the "Configuration" tab, there are sub-tabs for General, JTA, JPA, EJBs, Web Applications, Logging, and Log Filters. The "JTA" sub-tab is selected.

Below the sub-tabs, there is a "Save" button and a text instruction: "Use this page to define the Java Transaction API (JTA) configuration of this WebLogic Server domain." The "Timeout Seconds" field is highlighted with a red circle and contains the value "3600". Other fields include "Abandon Timeout Seconds" (86400), "Before Completion Iteration Limit" (10), "Max Transactions" (10000), "Max Unique Name Statistics" (1000), and "Checkpoint Interval Seconds" (300). There is also a checkbox for "Write recovery logs when determiners configured" and a "Determiners" text area. At the bottom, there is a checked checkbox for "Forget Heuristics".

8. Login in to EM console (<http://host:port/em>)→SOA dminstration→BPEL Properties→MoreConfigpropeties→ Syncmax timeout .Change the SyncmaxtimeOut to 200 secs

soa-infra (SOA Infrastructure) - ... x Settings for AlphaDomain - Alp... x http://ofss222...nitFilter=true x Connecting... x New Tab x

10.184.135.218:7001/em/faces/ai/soa/infra?Adf-Page-Id=11&target=%2FDomain_AlphaDomain%2FAlphaDomain%2Fsoa-server%2Fsoa-infr

ORACLE Enterprise Manager Fusion Middleware Control 12c

WebLogic Domain

soa-infra (SOA Infrastructure) Logged in as admin | ofss220692.in.oracle.com
 Page Refreshed Jun 17, 2015 11:36:01 AM IST

Target Navigation

- Application Deployments
- SOA
 - soa-infra (5)
 - default
 - Amend Monitoring [0]
 - Amend Logs
 - Amend SOA Deployment [1.0]
 - BIUPUtil Manage Partitions
 - BPCLCI Work Manager Groups
 - BPCLCI Resequencing Groups
 - BPCLCI Service Engines
 - bpelcvi Bindings
 - CIBLP Services and References
 - CloseF Business Events
 - CloseR SOA Administration
 - Common Properties
 - Security
 - BPCL Properties
 - Administration
 - BPMN Properties
 - Mediator Properties
 - Workflow Properties
 - B2B Server Properties
 - Cross References
 - Token Configurations
 - Auto Purge
 - Target Information
 - CRPClosureProcess [1.0]
 - CRPProcess [1.0]
 - CRPProcess [2.0]
 - CurrentAccountCreationWithCreditFacility
 - DBUtilty [1.0]
 - DBUtilty [2.0]
 - DisburseFCUBSORRetailLoanContract [1.0]
 - EQFXProcess [1.0]
 - EXPINProcess [1.0]
 - ExternalValuation [2.0]
 - InibateFCUBSORRetailLoanPayment [1.0]
 - InibateKYCCheckFCUBSORService [1.0]
 - InibateRetailLoanContractFCUBSORService [1.0]
 - InibateRetailLoanPaymentFCUBSORService [1.0]
 - InibateRiskEvaluationFCUBSORService [1.0]
 - KYCCheck [2.0]
 - KYCCorporateReview [2.0]
 - KYCRReview [2.0]
 - LimitReview [1.0]
 - OpenCurrentAccount [2.0]
 - OpenRetailTermDeposit [1.0]

Dashboard | Deployed Composites | Flow Instances | Error Hospital

Key Configuration | **Business Transaction Faults** | Search

Profile: **BPM BASIC**
 Instance Tracking: **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.

Composites and Adapters Availability

SOA Runtime Health

soa-infra (SOAServer)

- Initialized Successfully
- No Composite Start-Up Errors
- No EIS Connectivity Errors
- All Composites are UP
- All adapter service endpoints are UP

System Backlogs

Last* 24 Hours

Refresh region to show the latest data.

Messages in Queues:

- BPEL Invoke --
- BPEL Callback --
- Mediator Parallel Routing --

Recent In

With Fa

All

Composite

Sensor Name

11:36 AM 6/17/2015

System MBean Browser - Oracl... Settings for AlphaDomain - Alp... http://ofss222...nitFilter=true Connecting... New Tab

10.184.135.218:7001/em/faces/as/brower/mbeans?Adf-Page-Id=13&mbeanPattern=oracle.as.soainfra.config%3Dbpel%2C*&targ

ORACLE Enterprise Manager Fusion Middleware Control 12c

WebLogic Domain

Change Center

Changes Recording

Target Navigation

View

- Application Deployments
- SOA
 - soa-infra (SOAServer)
 - default
 - AmendFCUBSORNFRetailLoanContract [1.0]
 - AmendFCUBSORRetailLoanContract [1.0]
 - AmendRetailLoanContractFCUBSORService [1.0]
 - BIPUtility [1.0]
 - BPelCOLLATProcess [1.0]
 - BPelCRPClosureProcess [1.0]
 - BPelCRPPProcess [1.0]
 - bpelcvnprocess [1.0]
 - BPelLimitReview [1.0]
 - CIBLProcess [1.0]
 - CloseFCUBSORRetailLoanContract [1.0]
 - CloseRetailLoanContractFCUBSORService [1.0]
 - COLLATProcess [1.0]
 - CRDCProcess [1.0]
 - CreditBureauBPel [1.0]
 - CreditBureauHandler [1.0]
 - CRPClosureProcess [1.0]
 - CRPPProcess [1.0]
 - CRPPProcess [2.0]
 - CurrentAccountCreationWithCreditFacility [1.0]
 - DBUtility [1.0]
 - DBUtility [2.0]
 - DisburseFCUBSORRetailLoanContract [1.0]
 - EQFXProcess [1.0]
 - EXPProcess [1.0]
 - ExternalValuation [2.0]
 - InitiateFCUBSORRetailLoanPayment [1.0]
 - InitiateKYCheckFCUBSORService [1.0]
 - InitiateRetailLoanContractFCUBSORService [1.0]
 - InitiateRetailLoanPaymentFCUBSORService [1.0]
 - InitiateRiskEvaluationFCUBSORService [1.0]
 - KYCCheck [2.0]
 - KYCCorporateReview [2.0]

soa-infra SOA Infrastructure

Logged in as admin | ofss220692.in.oracle.com

Page Refreshed Jun 17, 2015 11:37:36 AM IST

System MBean Browser

Application Defined MBeans: BPelConfig:bpel

Apply Revert

Information

The changes made on this mbean are not managed by the configuration session. The changes will be applied immediately. You cannot undo the changes from the Change Center.

Show MBean Information

Attributes	Operations	Notifications	Name	Description	Access	Value
			22	MaximumNumberOfInvokeMessagesInMemoryCache	RW	100000
			23	MaxRecoverAttempt	RW	2
			24	MinBPelWait	RW	2
			25	objectName	R	oracle.as.soainfra.config.n...
			26	OneWayDeliveryPolicy	RW	async.persist
			27	QualityOfService	RW	DirectWrite
			28	QualityOfServiceAuditStorePolicyUsed	RW	false
			29	QualityOfServiceOneWayDeliveryPolicyUsed	RW	false
			30	ReadOnly	R	false
			31	RecoveryConfig	RW	javax.management.openmb...
			32	RecurringMaxMessageRaiseSize	RW	50
			33	RestartNeeded	R	false
			34	SpecCompliance	RW	suggest
			35	StartupMaxMessageRaiseSize	RW	50
			36	StatsLastN	RW	-1
			37	SynMaxWaitTime	RW	45
			38	SystemMBean	R	false
			39	ValidateXML	RW	false
			40	Version	R	11.1.0
			41	Visible	R	true

11:37 AM 6/17/2015

1.3 **Integrating Oracle FLEXCUBE UBS and Scheduler**

Before deploying the Oracle FLEXCUBE UBS EAR file, you need to carry out the following tasks.

1.3.1 **Running Backend Scripts**

You need to compile certain tables pertaining to Scheduler in the schema to which the Application points. The version of Quartz to be used is Latest Qualified Version.

Follow the steps given below:

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



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

1.4 **Integrating Oracle FLEXCUBE UBS and BIP Reports**

You can integrate Oracle FLEXCUBE UBS and BIP reports. The details are available in the chapter 'BIP Web Service Reports'.

1.4.1 **Deploying Application Through Application Server's Admin Console**

Deployment from Weblogic Administration Console

You can find the details pertaining to the deployment of Application using Weblogic Administration Console in the chapter 'Deploying Oracle FLEXCUBE Application on Weblogic'.

1.5 **Integrating Oracle FLEXCUBE UBS and MBean**

In order to integrate Oracle FLEXCUBE UBS and MBean, you need to follow the below steps before deploying the Oracle FLEXCUBE UBS EAR file created with MBean as a Plugin.

1.5.1 **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 given below:

1. Go to the Weblogic domain home folder.
 - c) Based on the operating system used, open 'startWeblogic.cmd' or 'startWeblogic.sh' from the folder 'bin'.

- d) 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

)
```

- e) Restart the Weblogic server.



Setting up Plug - Ins
[October] [2015]
Version 12.1.0.0.0

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