

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.

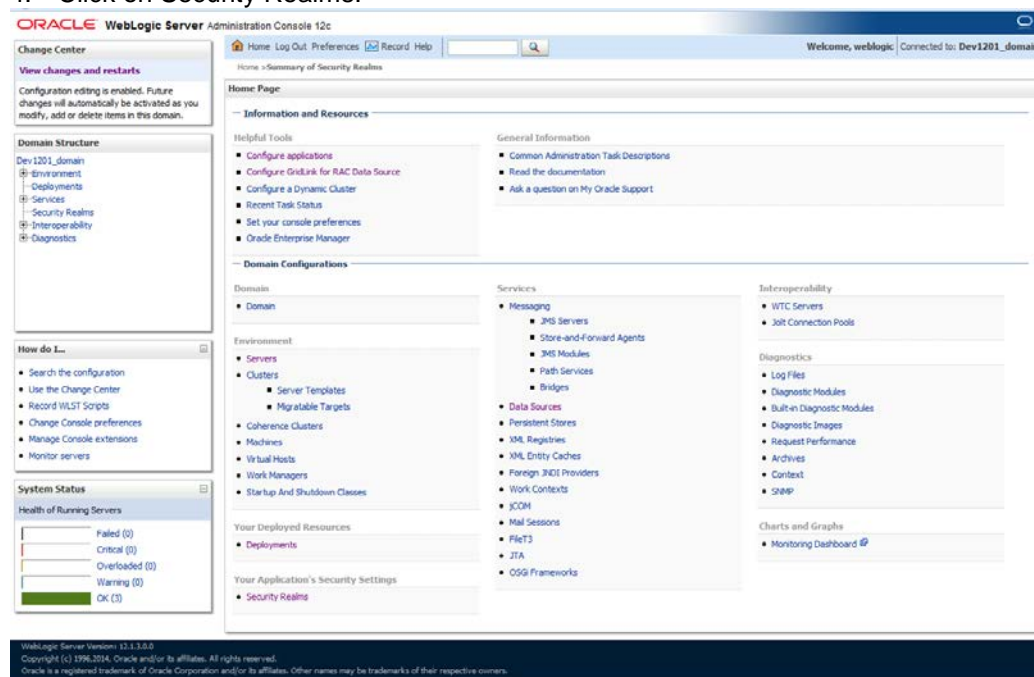
1.2 Integrating Oracle FLEXCUBE UBS and BPEL

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 'FCBPELCIS.jar' file. You need to complete the following tasks before deploying Oracle FLEXCUBE UBS EAR file.

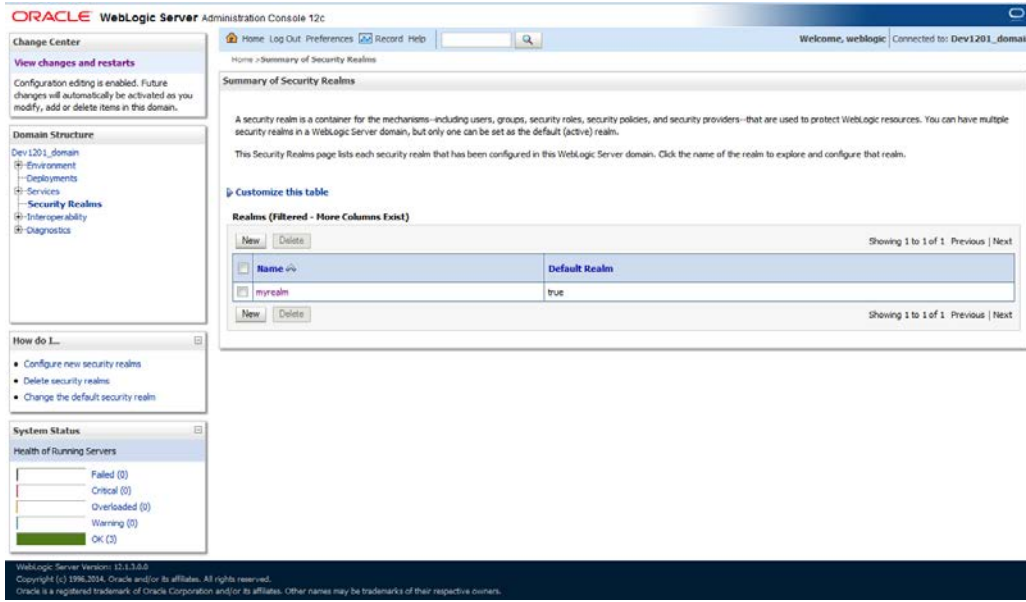
1.2.1 Custom Provider Configuration

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:

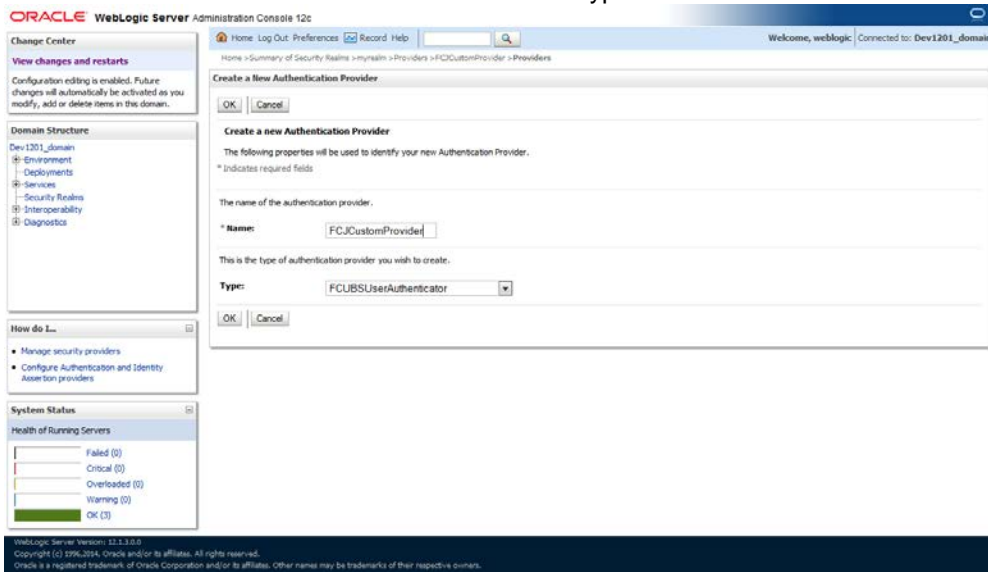
1. Along with FCUBS Ear file, Installer creates FCUBSAuthenticationProvider.jar file. Copy this files to <ORACLE_HOME>\wlserver\server\lib\mbeantypes
2. Restart the Admin Server
3. Login to the Console
4. Click on Security Realms.



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

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.

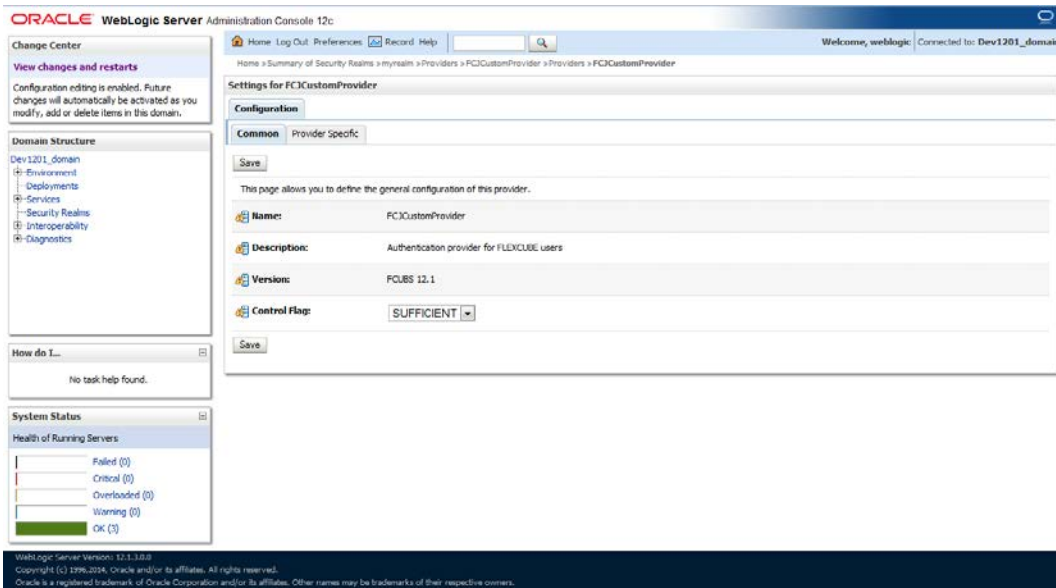
Authentication Providers:
Available:
☐ FCJCustomProvider
☐ Trust Service Identity Asserter
☐ DefaultAuthenticator
☐ DefaultIdentityAsserter

OK Cancel

WebLogic Server Version: 12.1.3.0.0
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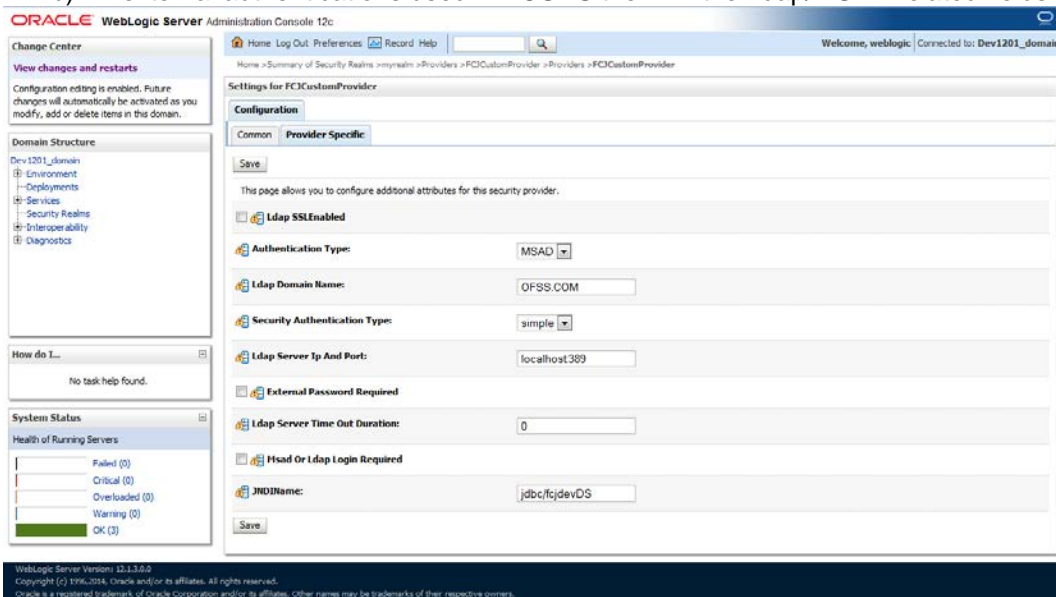
9. Click on FCJCustomProvider.

10. 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"/>
```

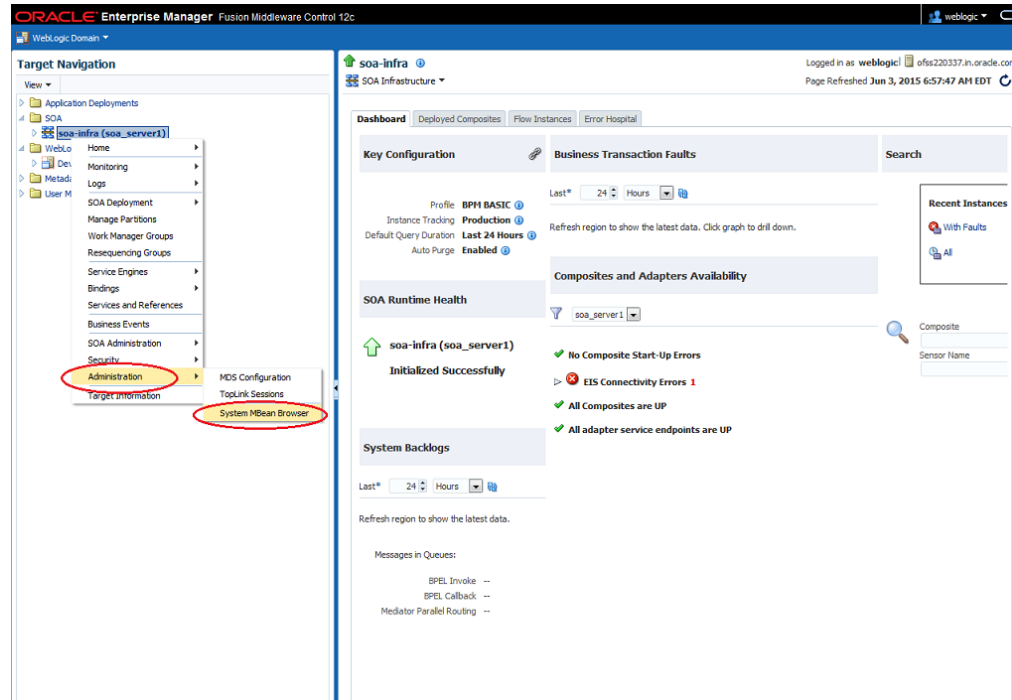
```
<serviceInstanceRef ref="idstore.db"/>
```

```
</jpsContext>
```

1.2.3 Configuring Work Flow Identity

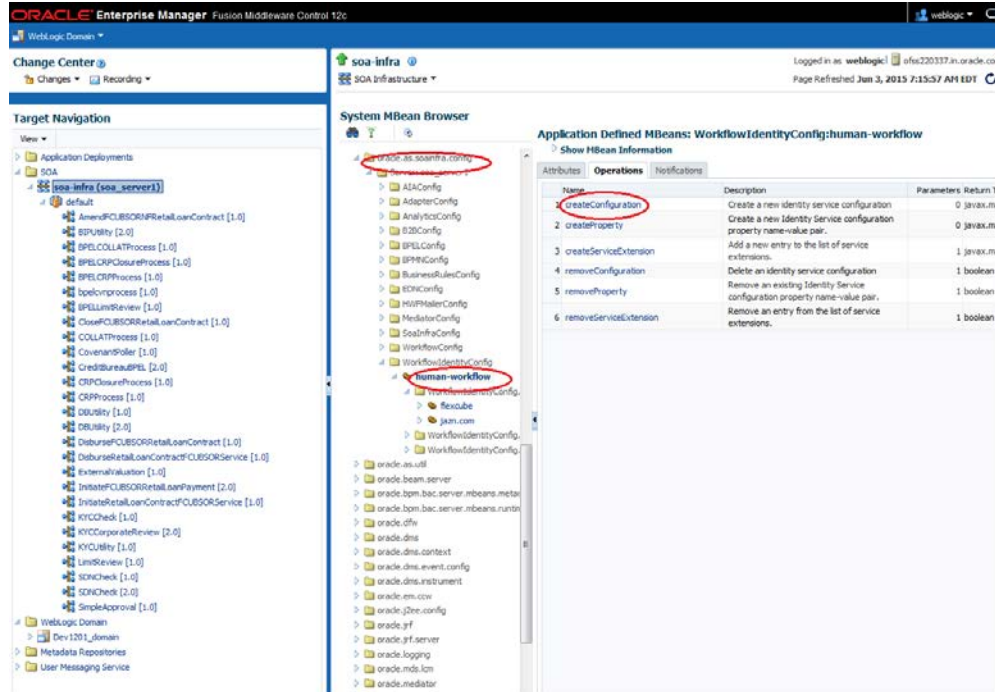
You need to configure the workflow identity details from Enterprise Manager Console of the SOA. To configure workflow identity details, follow the steps given below.

1. Login to EM Console. Expand the SOA.

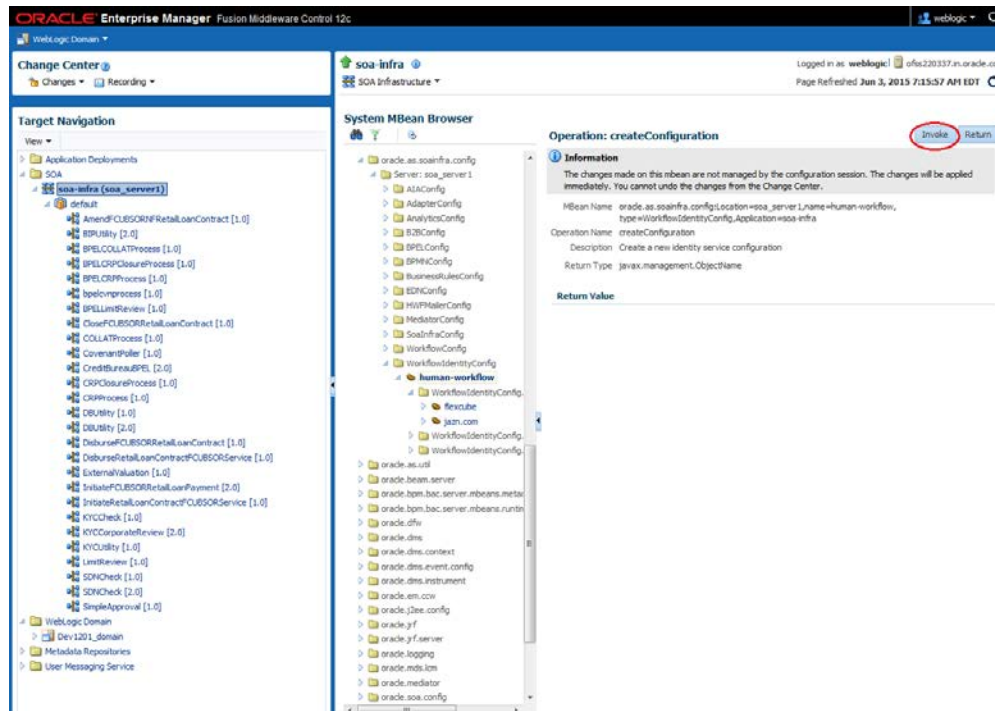


2. Right click 'soa-infra(soa-server1)', choose 'Administration' and click 'System MBean Browser' under it.

- 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.

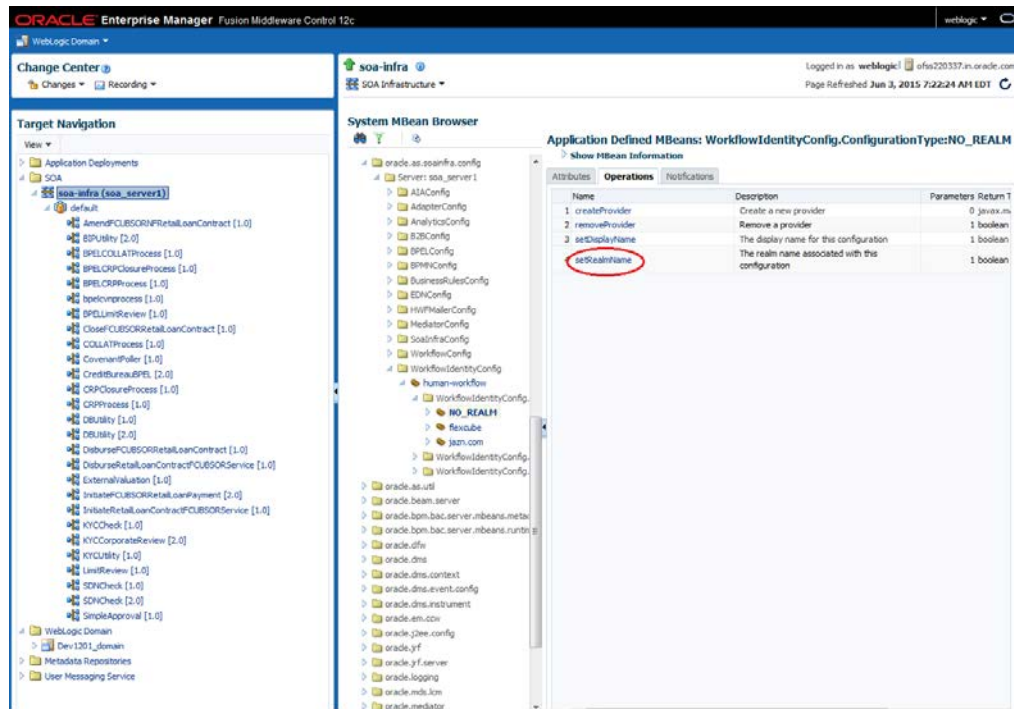
- Refresh 'MBean' browser. Go to 'WorkflowIdentityConfig.ConfigurationType' under 'human-workflow'.

The screenshot displays the Oracle Enterprise Manager Fusion Middleware Control 12c interface. On the left, the 'Target Navigation' pane shows the 'soa-infra (soa_servers)' target. The main area is divided into three panes: 'System MBean Browser', 'Application Defined MBeans', and 'Attributes'. The 'System MBean Browser' pane shows the hierarchy: 'oracle.as.soainfra.config' > 'WorkflowIdentityConfig' > 'human-workflow' > 'WorkflowIdentityConfig'. The 'Application Defined MBeans' pane shows the configuration for 'WorkflowIdentityConfig.ConfigurationType'. The 'Attributes' tab is selected, showing a table of attributes with their values. The 'Default' attribute is highlighted, and its value is 'true'.

Attributes	Access	Value
1. It indicates that this MBean is a Config MBean.	R	true
2. The corresponding configuration is the default. False otherwise	R/W	true
3. Play name for this configuration	R	(NO VALUE)
4. It indicates that this MBean is an event provider as defined by	R	true
5. Event's types emitted by this MBean.	R	jmx.attribute.change
6. Name's unique JMX name	R	oracle.as.soainfra.config.Workflow...
7. Of the MBeans for managing the associated providers.	R	oracle.as.soainfra.config.Workflow...
8. It indicates that this MBean is a read only MBean.	R	false
9. An name associated with this configuration	R	NO_REALM
10. Whether a restart is needed.	R	false
11. It indicates that this MBean is a System MBean.	R	false
12. It indicates that this MBean is visible to current user.	R	true

- 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	

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

System MBean Browser

Application Defined MBeans: WorkflowIdentityConfig.ConfigurationType: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:WorkflowIdentityConfig
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

14. 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.

15. From the 'System MBean Browser' select 'jazn.com'.

System MBean Browser

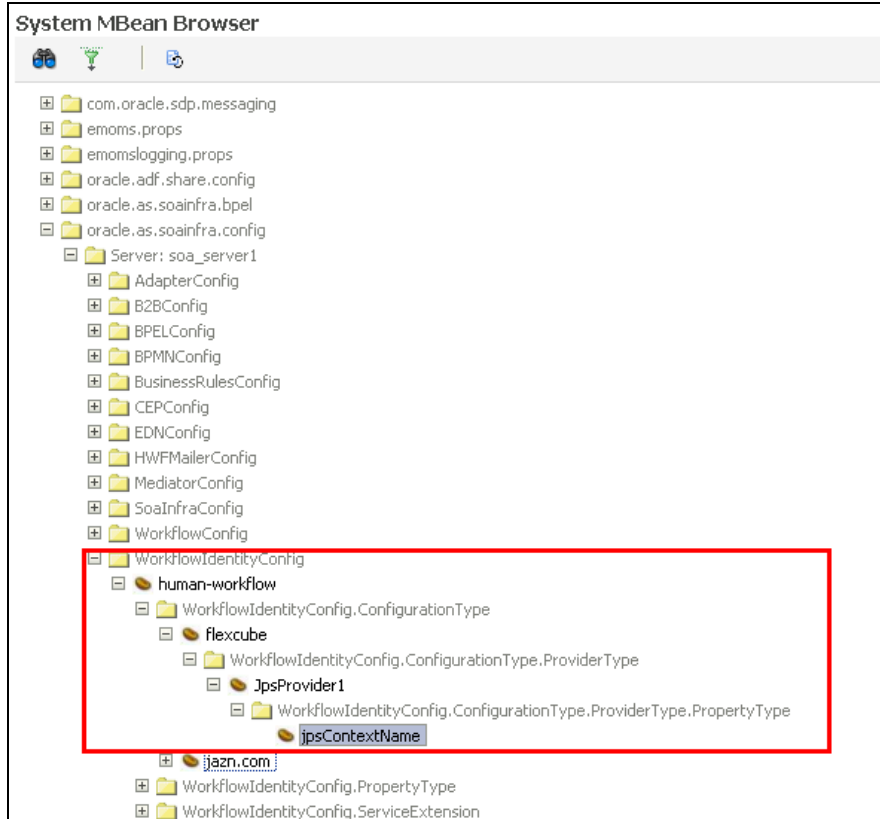
Application Defined MBeans: WorkflowIdentityConfig.ConfigurationType:jazn.com

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:WorkflowIdentityConfig
7 Providers	Names of the MBeans for managing the associated providers.	R	oracle.as.soainfra.config:WorkflowIdentityConfig
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	jazn.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

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

17. 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

1. There are four <application/> in the <applications> namely b2bui, OracleBPMProcessRolesApp, soa-infra and OracleBPMComposerRolesApp.
2. Navigate to <ORACLE_HOME> /user_projects/domains/base_domain/config/fmwconfig
3. Check system-jazn-data.xml available in this location whether <application> is already available in the <applications>
4. If the application is not available then paste the application content from the attached file inside the <applications></applications>.
5. 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\bpel\
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\bpel\
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\bpel\ 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

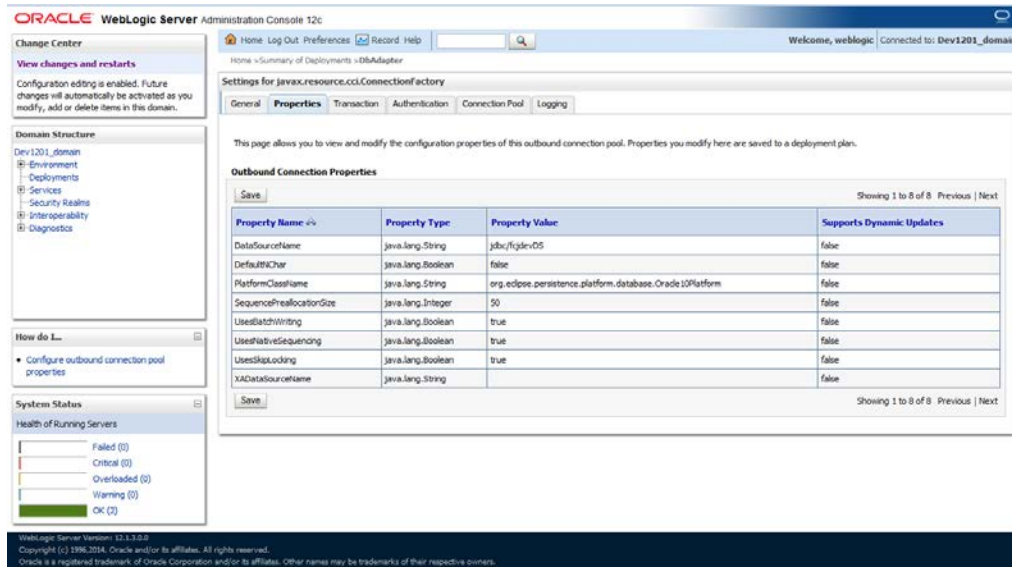
In order to configure DBAdapter, follow the steps given below.

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

 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'.



The screenshot shows the Oracle WebLogic Server Administration Console. The left sidebar contains the 'Domain Structure' tree with 'Dev1201_domain' selected. The main content area displays the 'Settings for javax.resource.cci.ConnectionFactory' for the 'DbAdapter' sub-process. The 'Properties' tab is active, showing a table of 'Outbound Connection Properties'.

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.eedee.persistence.platform.database.Oracle10Platform	false
SequencePreallocationSize	java.lang.Integer	50	false
UseBatchWriting	java.lang.Boolean	true	false
UseBatchSequencing	java.lang.Boolean	true	false
UseSkipLocking	java.lang.Boolean	true	false
XADataSourceName	java.lang.String		false

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

Home Page

Information and Resources

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

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)

WebLogic Server Version: 12.1.3.0.0
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11:32 AM 6/23/2015

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 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

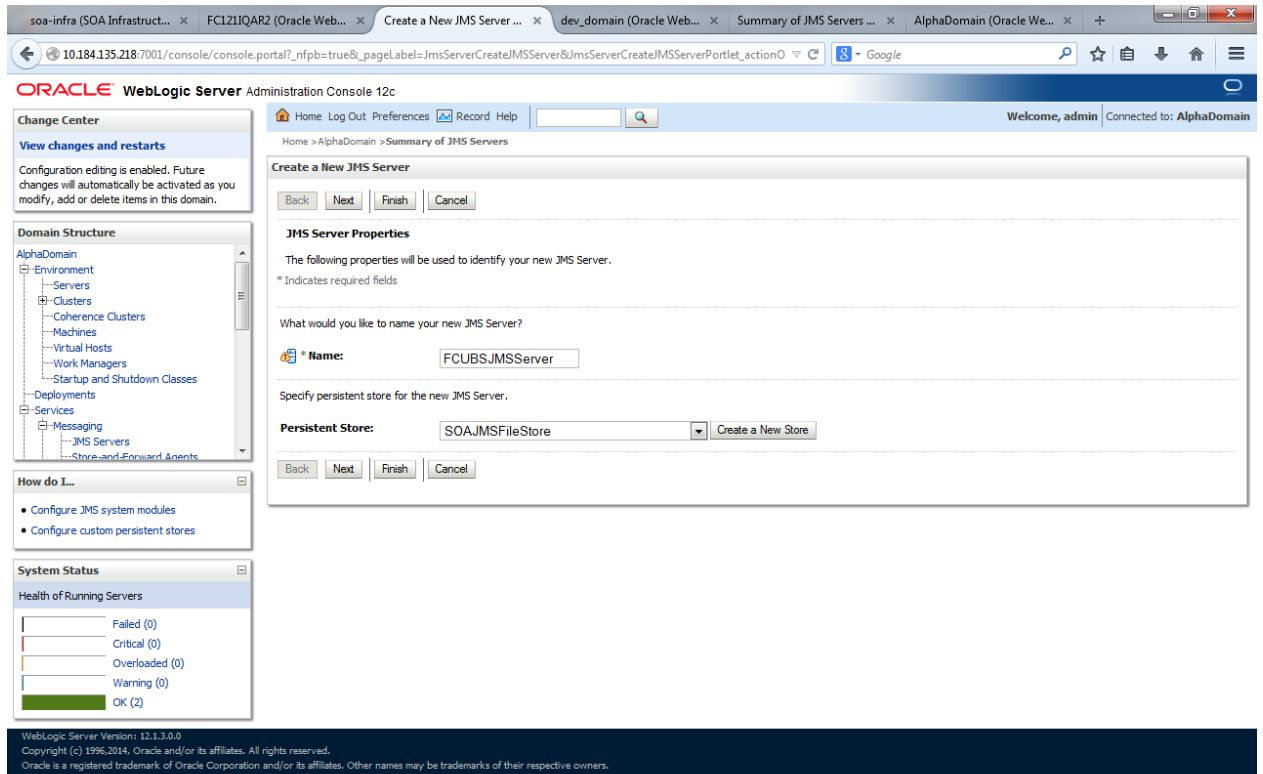
Name	Persistent Store	Target	Current Target	Health
BamAlertEngineJmsServer	BamAlertEngineJmsFileStore	BAMServer	BAMServer	
BamCQServiceJmsServer_BAMServer	BamCQServiceJmsFileStore_BAMServer	BAMServer	BAMServer	
BamReportCacheJmsServer	BamReportCacheJmsFileStore	BAMServer	BAMServer	
BamServerJmsServer_BAMServer	BamServerJmsFileStore_BAMServer	BAMServer	BAMServer	
BPMJmsServer	BPMJmsFileStore	SOAServer	SOAServer	OK
SOAJmsServer	SOAJmsFileStore	SOAServer	SOAServer	OK
UMSJmsServer_auto_1	UMSJmsFileStore_auto_1	SOAServer	SOAServer	OK
UMSJmsServer_auto_2	UMSJmsFileStore_auto_2	SOAServer	SOAServer	OK

New Delete Showing 1 to 8 of 8 Previous | Next

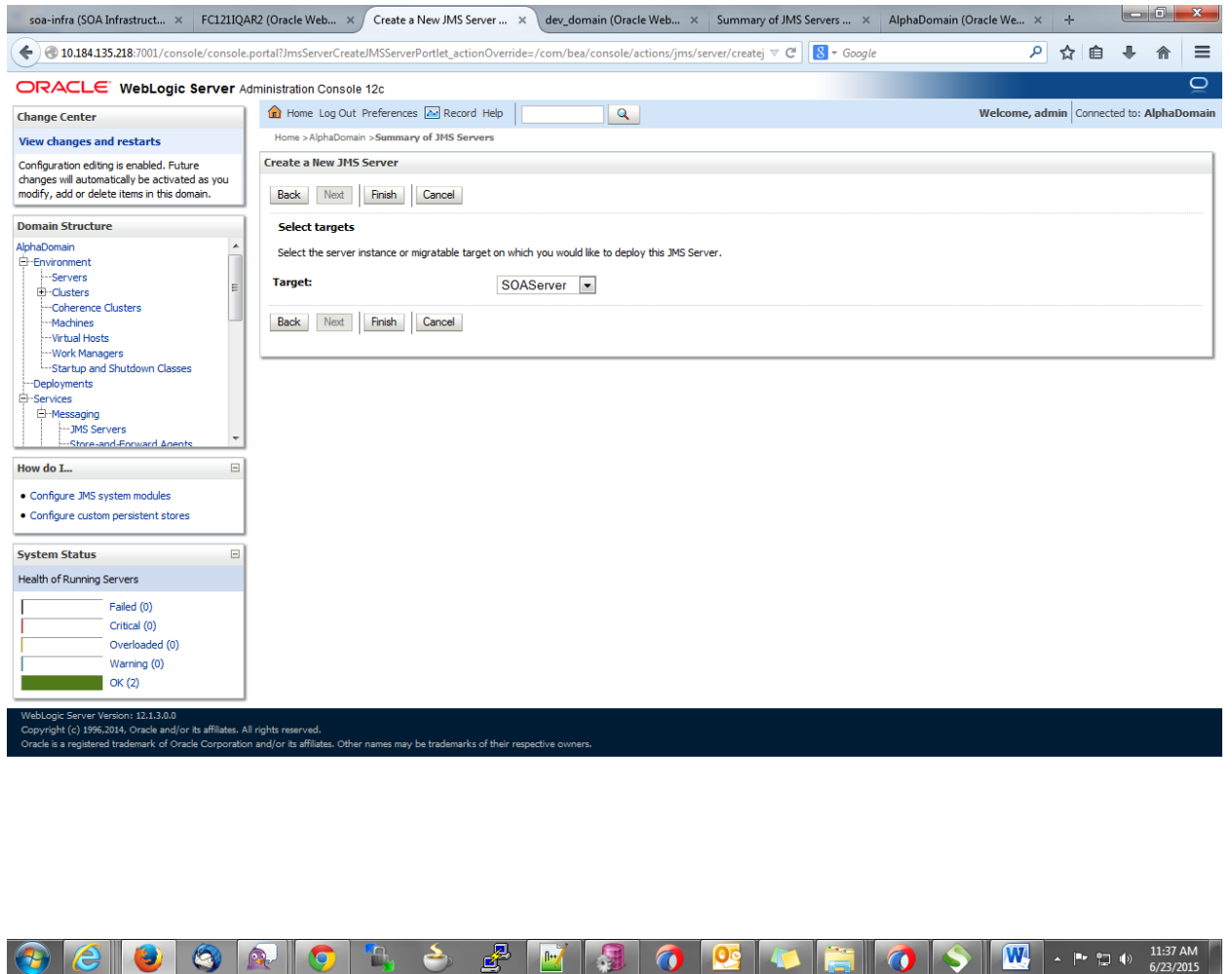
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11. Please provide the below Name for JMS Server and select the file persistent store as below→Next



12. Select the target as SOA Server →Finish



soa-infra (SOA Infrastruct... x FC1211QAR2 (Oracle Web... x Summary of JMS Servers ... 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=JmsServerJMServerTablePage

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

- 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 servers
- Configure JMS system modules

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.
- 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
BamAlertEngineJmsServer	BamAlertEngineJmsFileStore	BAMServer	BAMServer	
BamCQServiceJmsServer_BAMServer	BamCQServiceJmsFileStore_BAMServer	BAMServer	BAMServer	
BamReportCacheJmsServer	BamReportCacheJmsFileStore	BAMServer	BAMServer	
BamServerJmsServer_BAMServer	BamServerJmsFileStore_BAMServer	BAMServer	BAMServer	
BPMJMServer	BPMJMSFileStore	SOAServer	SOAServer	OK
FCUBSJMServer	SOAJMSFileStore	SOAServer	SOAServer	OK
SOAJMServer	SOAJMSFileStore	SOAServer	SOAServer	OK
UMSJMServer_auto_1	UMSJMSFileStore_auto_1	BAMServer	BAMServer	
UMSJMServer_auto_2	UMSJMSFileStore_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

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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.

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)

Home Page
Information and Resources
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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10.184.135.218:7001/console/console.portal?_nfpb=true&_pageLabel=jmsModulesTablePage

11:44 AM 6/23/2015

The screenshot shows the Oracle WebLogic Server Administration Console. The main content area is titled "Summary of JMS Modules". It contains a table of JMS modules and resources. The "New" button is highlighted with a red circle. The table has columns for "Name" and "Type".

Name	Type
BanAlertEngineJmsSystemModule	System
BanCQServiceJmsSystemResource_BAMServer	System
BanReportCacheJmsSystemModule	System
BanServerJmsSystemResource	System
BPMJMSModule	System
SOAJMSModule	System
UMSAQJMSSystemResource	System
UMSJMSSystemResource	System

The left sidebar shows the "Domain Structure" tree with "JMS Modules" selected. The bottom status bar shows "WebLogic Server Version: 12.1.3.0.0" and "Copyright (c) 1996, 2014, Oracle and/or its affiliates. All rights reserved."

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

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

10.184.135.218:7001/console/console.portal?CreateJMSSystemModulePortletreturnTo=jmsModulesTabPage&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:** FCUBSJMSModule

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 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

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

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Windows taskbar showing icons for Internet Explorer, Firefox, Chrome, and other applications. System clock: 11:47 AM, 6/23/2015.

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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

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

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

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ORACLE WebLogic Server Administration Console 12c

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

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

<input type="checkbox"/>	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

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 > FCUBSJMSModule > Summary of JMS Modules > FCUBSJMSModule > Summary of JMS Modules > FCUBSJMSModule > Summary of JMS Modules > FCUBSJMSModule

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

The screenshot displays the Oracle WebLogic Server Administration Console 12c. The main window shows the 'Create a New JMS System Module Resource' wizard. The wizard is for creating a connection factory named 'UBSCConnectionfactory' with JNDI Name 'jndi/FCUBSCConnectionfactory'. The 'Subscription Sharing Policy' is set to 'Exclusive' and the 'Client ID Policy' is set to 'Restricted'. The 'Maximum Messages per Session' is set to 10. The 'XA Connection Factory Enabled' checkbox is checked. The left sidebar shows the 'Domain Structure' and 'System Status'.

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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Startup and Shutdown Classes
Deployments
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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
Connection Factory Properties
The following properties will be used to identify your new connection factory. The current module is FCUBSJMSModule.
* Indicates required fields
What would you like to name your new connection factory?
* Name: UBSCConnectionfactory
What JNDI Name would you like to use to look up your new connection factory?
JNDI Name: jndi/FCUBSCConnectionfactory
The Connection Factory Subscription Sharing Policy Subscribers can be used to control which subscribers can access new subscriptions. Should subscriptions created using this factory be sharable?
Subscription Sharing Policy: Exclusive
The Client ID Policy indicates whether more than one JMS connection can use the same Client ID. Oracle recommends setting the Client ID policy to Unrestricted if sharing durable subscribers. Subscriptions created with different Client ID policies are always treated as independent subscriptions. What Client ID Policy would you like to use?
Client ID Policy: Restricted
A connection factory can limit the number of messages that can be queued for an asynchronous session. Should this connection factory impose a limit?
Maximum Messages per Session: 10
Should this connection factory create sessions that are JTA aware, and create XA queues and XA topics?
☒ XA Connection Factory Enabled
Back Next Finish Cancel

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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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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 > 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

☒ SOAAServer

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

AlphaDomain

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 - 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

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

What targets do you want to assign to this subdeployment?

Targets:
Back Next Finish Cancel

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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 > 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
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 - Machines
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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)

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ORACLE WebLogic Server Administration Console 12c

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

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
 - Servers
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 - Coherence Clusters
 - Machines
 - Virtual Hosts
 - Work Managers
 - Startup and Shutdown Classes
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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)

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

☐ BPHJMSServer

☒ FCUBSJMSServer

☐ SOAJMSServer

☐ UMSJMSServer_auto_2

Back Next Finish Cancel

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

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
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)

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

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

Showing 1 to 1 of 1 Previous Next

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The screenshot displays the Oracle WebLogic Server Administration Console 12c interface. The browser tabs at the top include 'soa-infra (SOA Infrastruct...', 'FC1211QAR2 (Oracle Web...', 'Settings for FCUBSJMSM...', 'dev_domain (Oracle Web...', 'Summary of JMS Servers ...', and 'AlphaDomain (Oracle We...'. The address bar shows '10.184.135.218:7001/console/console.portal?_nfpb=true&_pageLabel=JMSSystemModuleConfigGeneralPage'.

The console header shows 'ORACLE WebLogic Server Administration Console 12c' and a welcome message for 'admin' connected to 'AlphaDomain'. The left sidebar contains a 'Domain Structure' tree with 'AlphaDomain' expanded, showing 'Environment' (Servers, Clusters, Coherence Clusters, Machines, Virtual Hosts, Work Managers, Startup and Shutdown Classes), 'Deployments', 'Services' (Messaging, JMS Servers, Store-and-Forward Agents), and 'How do I...'. The 'System Status' section shows 'Health of Running Servers' with 'Failed (0)', 'Critical (0)', 'Overloaded (0)', 'Warning (0)', and 'OK (2)'.

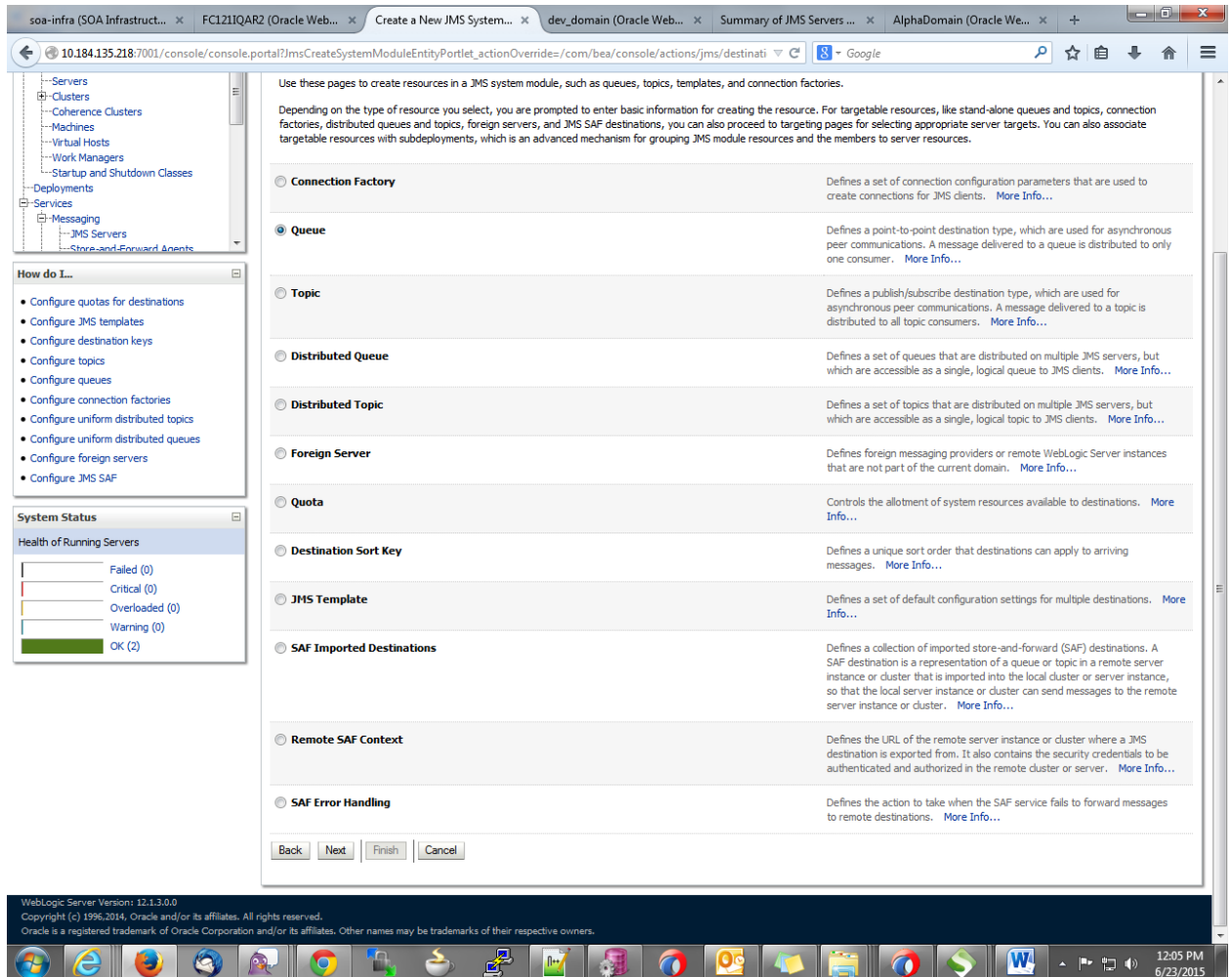
The main content area is titled 'Settings for FCUBSJMSModule' and has tabs for 'Configuration', 'Subdeployments', 'Targets', 'Security', and 'Notes'. The 'Configuration' tab is active, displaying general information about the JMS system module. It includes a 'Name' field with the value 'FCUBSJMSModule' and a 'Descriptor File Name' field with the value 'jms/FCUBSJMSModule-jms.xml'. Below this is a 'Summary of Resources' table.

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

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- 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

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

10.184.135.218:7001/console/console.portal?/jmsCreateSystemModuleEntityPortlet.actionOverride=/com/bee/console/actions/jms/modules 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 > 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.

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

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

- ☐ BPMJMServer
- ☒ FCUBSJMServer
- ☐ SOAJMServer
- ☐ UMSJMServer_auto_2

Back Next Finish Cancel

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ORACLE WebLogic Server Administration Console 12c

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	FCUBSJMSModule
NOTIFY_DEST_QUEUE	Queue	jms/NOTIFY_DEST_QUEUE	FCUBS	FCUBSJMSModule

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

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

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
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&AppApplicationHandle=com.bea.console.handles.AppDeploymentHandle("com.bea.Name=JmsAdapter,Type=AppDeployment")

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

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 outbound connection pool properties

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

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/EDNxaDurableTopic	oracle.tp.adapter.jms.IJmsConnectionFactory
eis/aqjms/EDNxaTopic	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/EDNxaDurableTopic	oracle.tp.adapter.jms.IJmsConnectionFactory
eis/wls/EDNxaTopic	oracle.tp.adapter.jms.IJmsConnectionFactory
eis/wls/Queue	oracle.tp.adapter.jms.IJmsConnectionFactory
eis/wls/Topic	oracle.tp.adapter.jms.IJmsConnectionFactory

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ORACLE WebLogic Server Administration Console 12c

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

Home > FCUBSJMSModule > 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
oracle.tip.adapter.jms.IJmsConnectionFactory

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
 - 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 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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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: eis/Queue/Notif

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 outbound connection pool properties

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?_pageLabel=ConnectorApplicationConfigurationOutboundConnectionPoolPage&_nfb=true&_

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/EDNxTopic	oracle.tp.adapter.jms.IJmsConnectionFactory
eis/aqms/Queue	oracle.tp.adapter.jms.IJmsConnectionFactory
eis/aqms/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/jpramati/Queue	oracle.tp.adapter.jms.IJmsConnectionFactory
eis/Queue/Notif	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/EDNxTopic	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

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

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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
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 outbound connection pool properties

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

Settings for oracle.tip.adapter.jms.JMSConnectionFactory
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/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

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

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 outbound connection pool properties

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.
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/FCUBSJMSConnectionFactory	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

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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)

e Highlight All Match Case

12:19 PM 6/23/2015

soa-infra (SOA Infrastruct... 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

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

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)

WebLogic Server Version: 12.1.3.0.0
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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

e Highlight All Match Case

12:20 PM 6/23/2015

ORACLE WebLogic Server Administration Console 12c

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

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 | 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

System Status

Health of Running Servers

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

16. Create the out bound connection pool with the **eis/wls/Queue** name in the Deployments using connection factory **jdbc/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 (Orac... 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

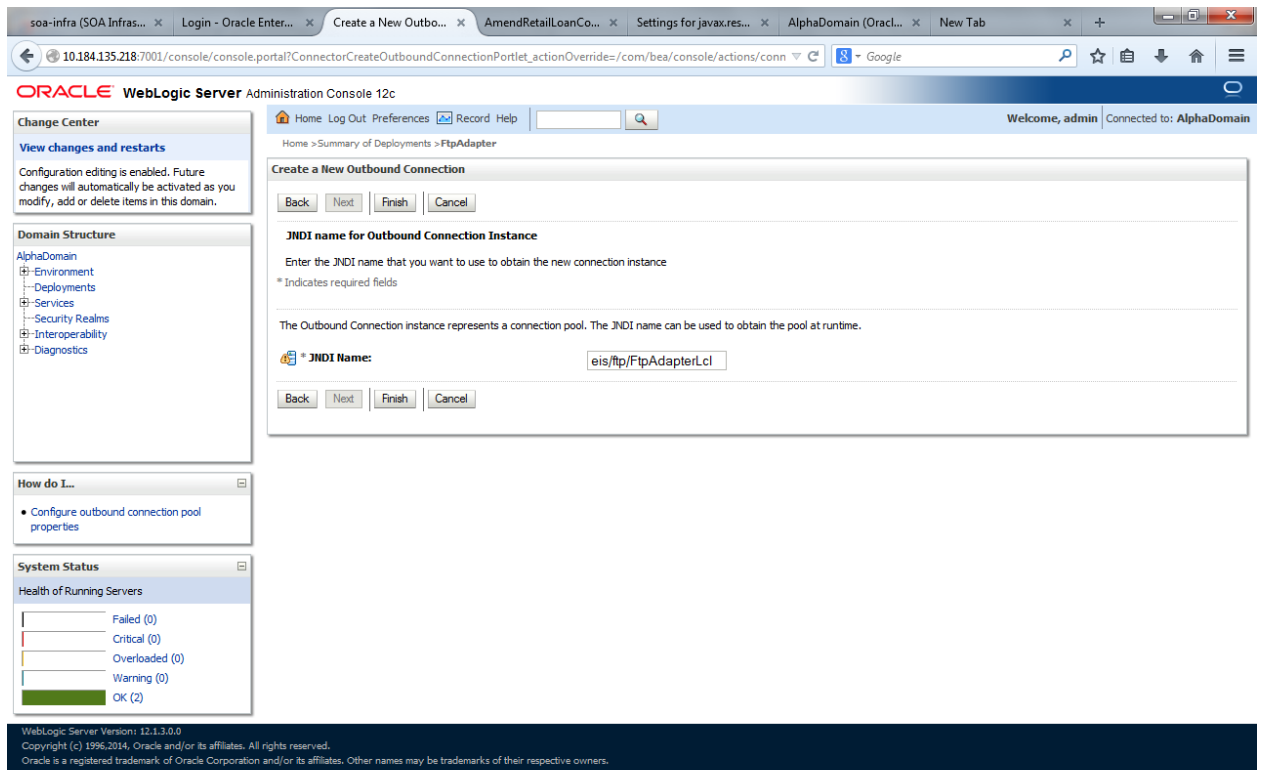
Groups and Instances	Connection Factory Interface
javax.resource.cd.ConnectionFactory	javax.resource.cd.ConnectionFactory
eis/Ftp/CoherenceHAFtpAdapter	javax.resource.cd.ConnectionFactory
eis/Ftp/FtpAdapter	javax.resource.cd.ConnectionFactory
eis/Ftp/FtpAdapterLd	javax.resource.cd.ConnectionFactory
eis/Ftp/FtpAdapter_VMS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

New Delete Showing 1 to 1 of 1 Previous | Next

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eis/wls/Queue Highlight All Match Case

3:33 PM 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.

Oracle WebLogic Server Administration Console

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

Summary of Security Realms > myrealm > Users and Groups

Settings for myrealm

Configuration | **Users and Groups** | Roles and Policies | Credential Mappings | Providers | Migration

Users | Groups

This page displays information about each user that has been configured in this security realm.
Some results are not displayed because there are too many matches. Please customize this table to specify more specific criteria.

Customize this table

Users

Showing 1 to 10 of 1000 Previous | Next

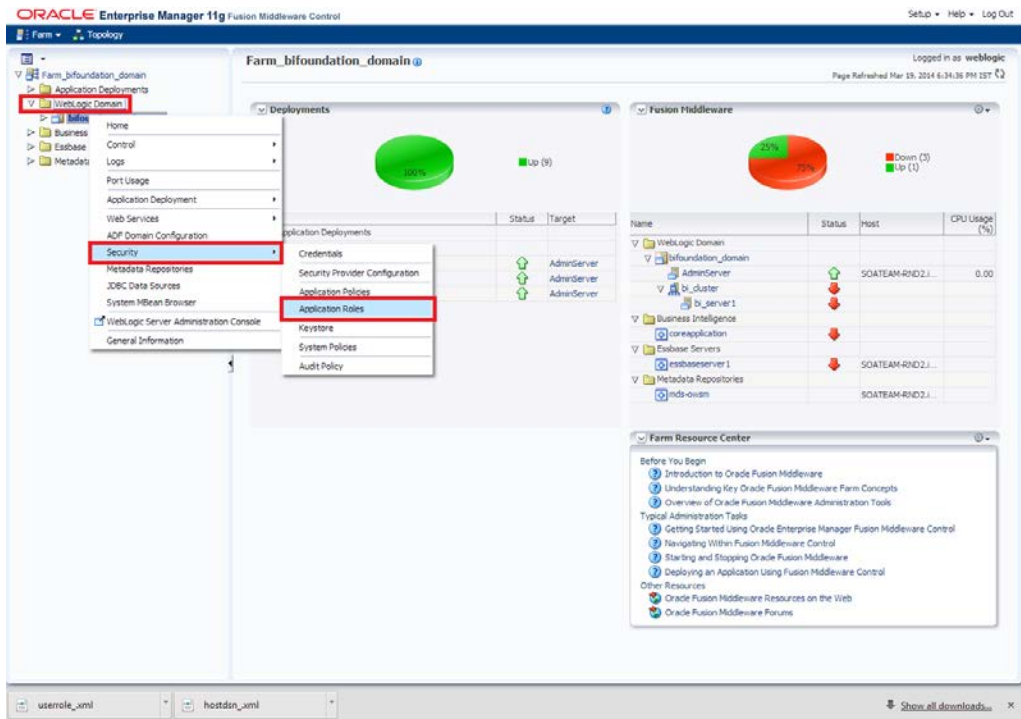
Name	Description	Provider
000ANT1	Default Admin User 1	FCJCustomProvider
11111RM_3	Siveta	FCJCustomProvider
11111RM_4	RM	FCJCustomProvider
112233	Default Admin User 10	FCJCustomProvider
121212	Default Admin User 10	FCJCustomProvider
123456	SANKER GS	FCJCustomProvider
141414	Default Admin User 10	FCJCustomProvider
15299A03	Kumar	FCJCustomProvider
1M20062	BALA	FCJCustomProvider
20062A1	Bala	FCJCustomProvider

Showing 1 to 10 of 1000 Previous | Next

WebLogic Server Version: 10.3.6.0
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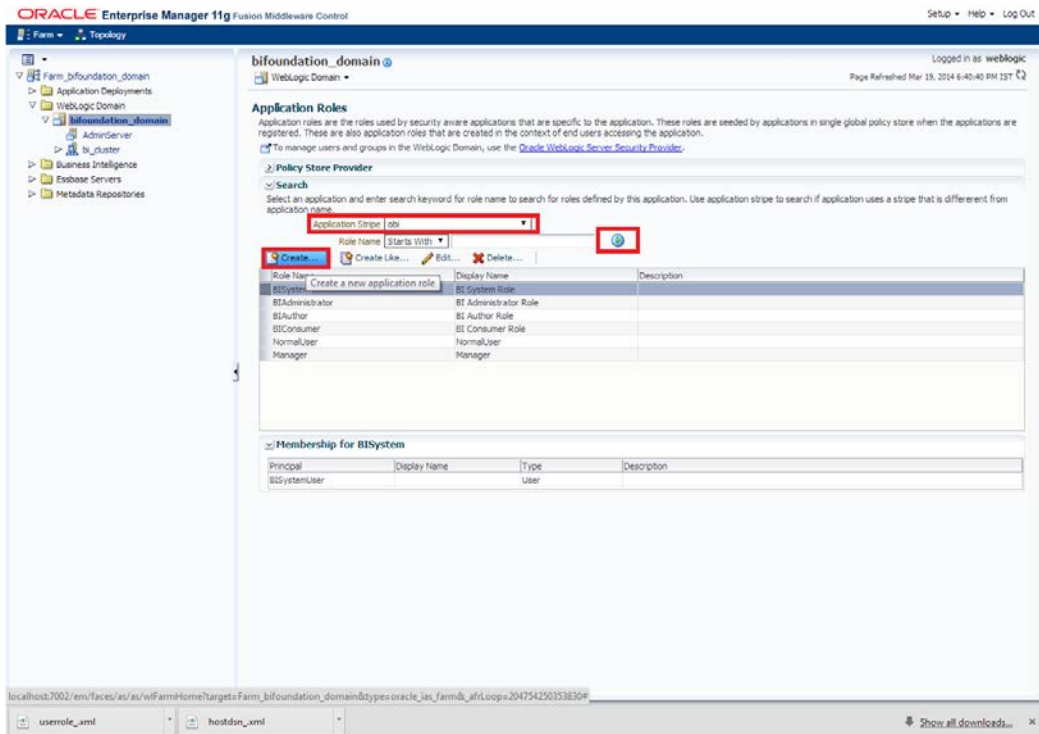
3) Login to the Enterprise Manager (em) <http://s:<hostname>:<port>/em>

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



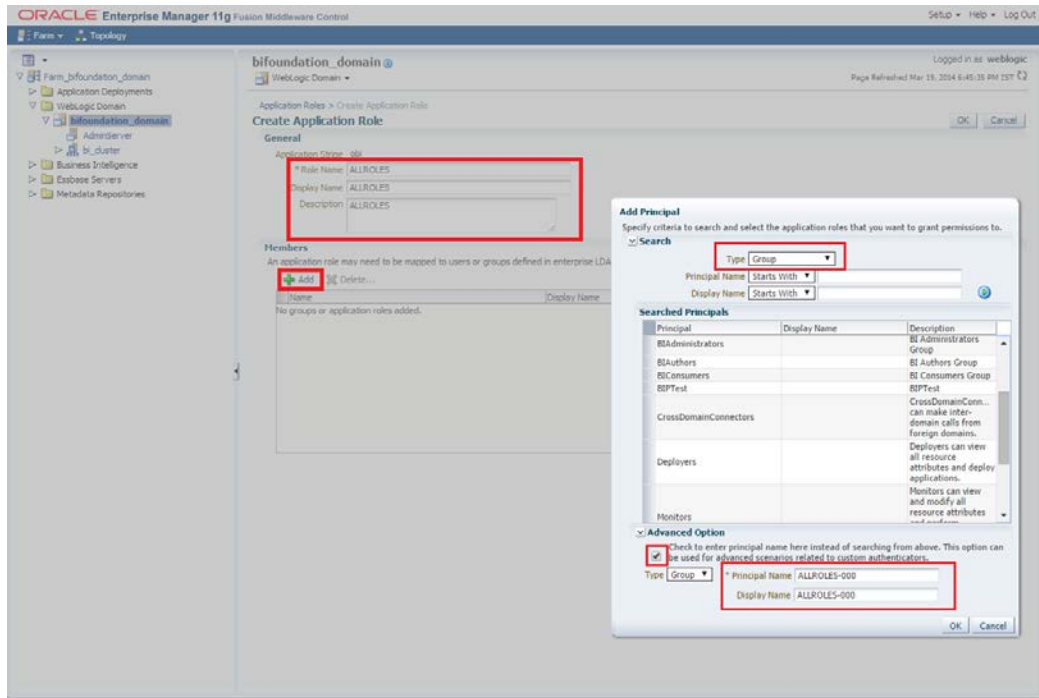
4) After navigating to next screen as in below screenshot,

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

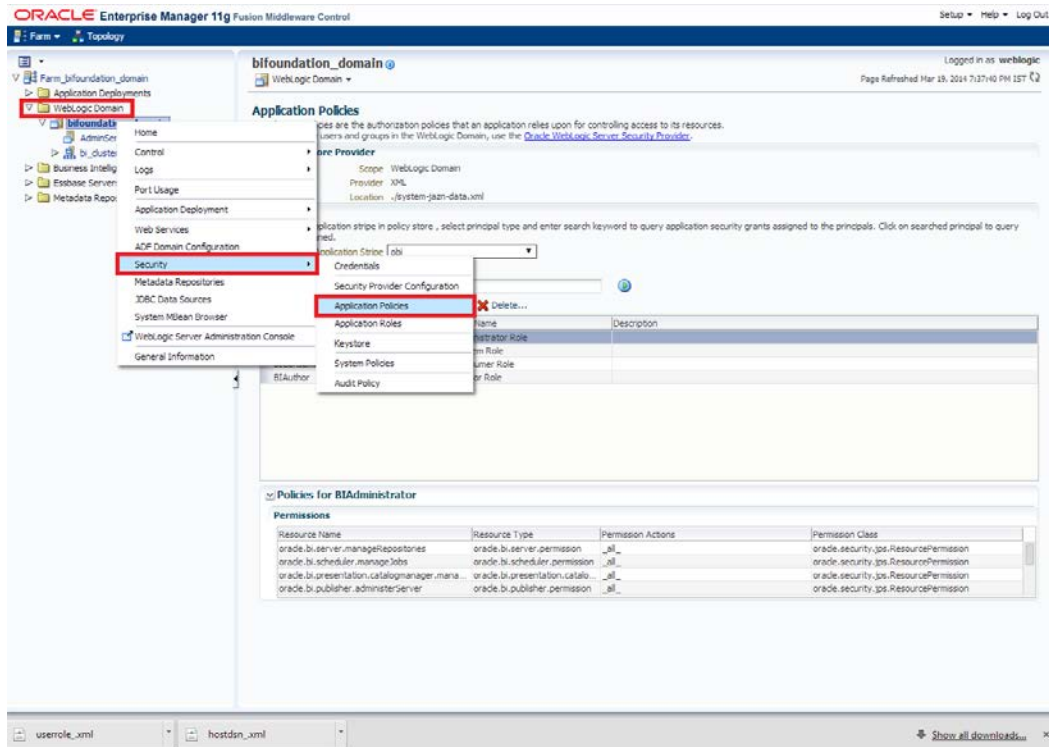


5) After navigating to next screen as in below screenshot,

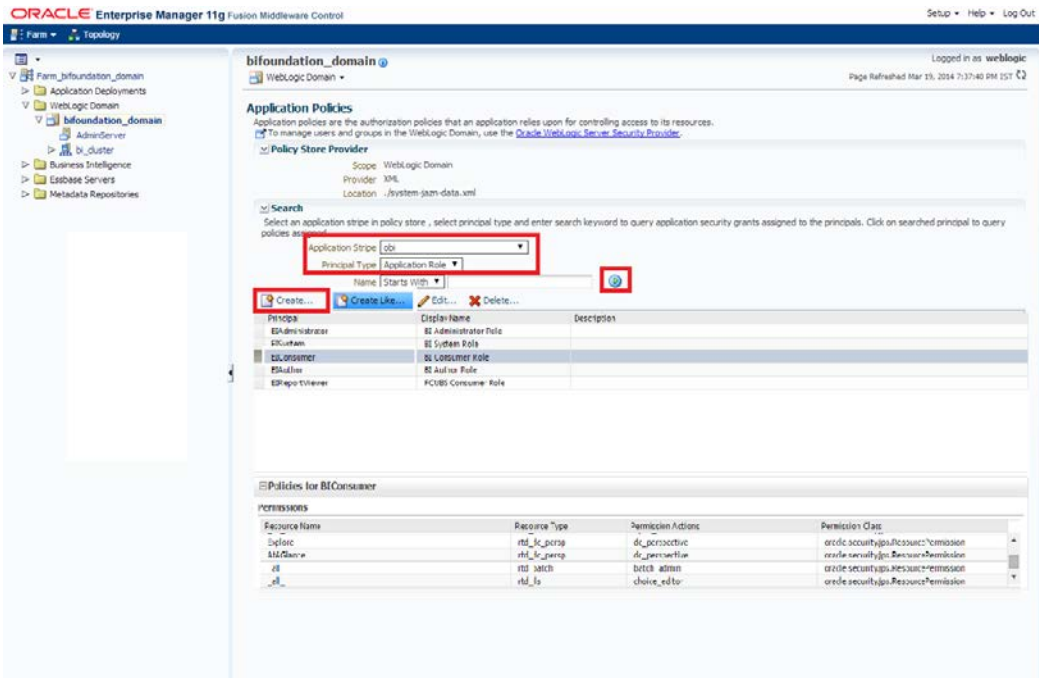
- Enter the role name(mandatory), display name(optional), description(optional)
- Click on the Add button
- In the Add Principal pop up select type as “Group”
- In the advanced option check the checkbox and again select the type as “Group” below
 - Click on the Search button, if the roles are listed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

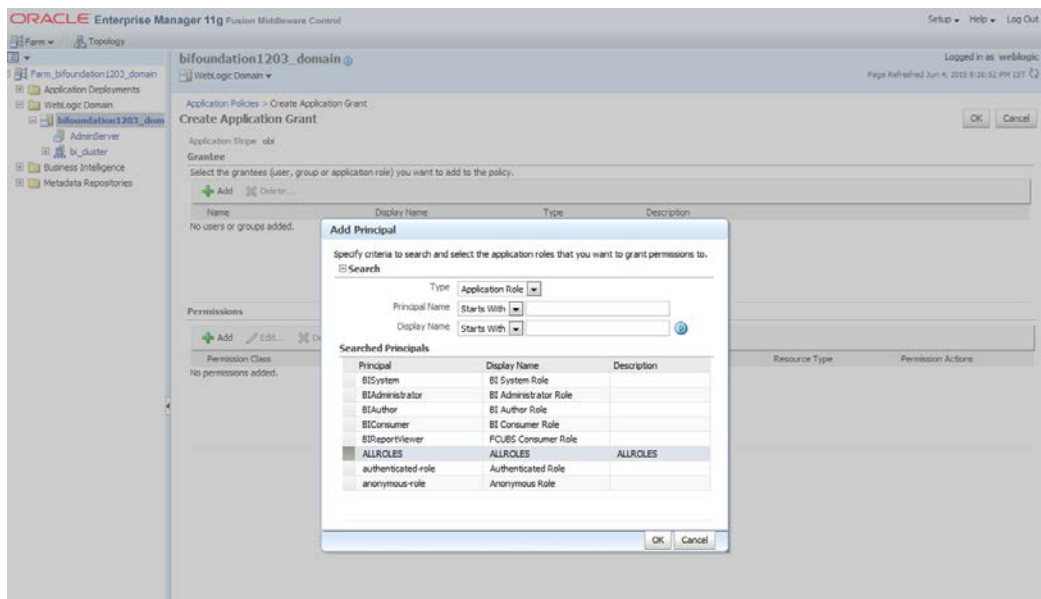


- 7) After navigating to next screen as per screen shot,
 - Select the application stripe as obi, principal type as “Application Role”
 - Click on the search button
 - Select BIConsumer(it should be highlighted) from the list and click on the create like button.

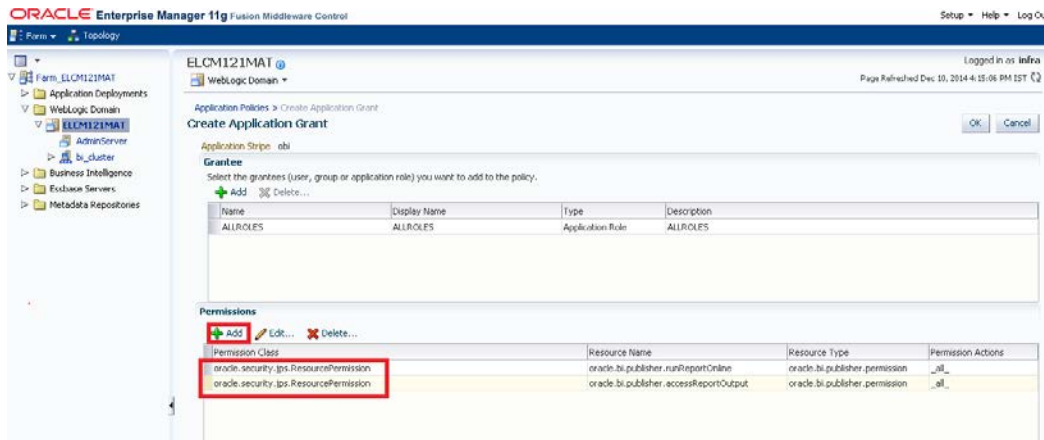


8) After navigating to next screen as per the screen shot,

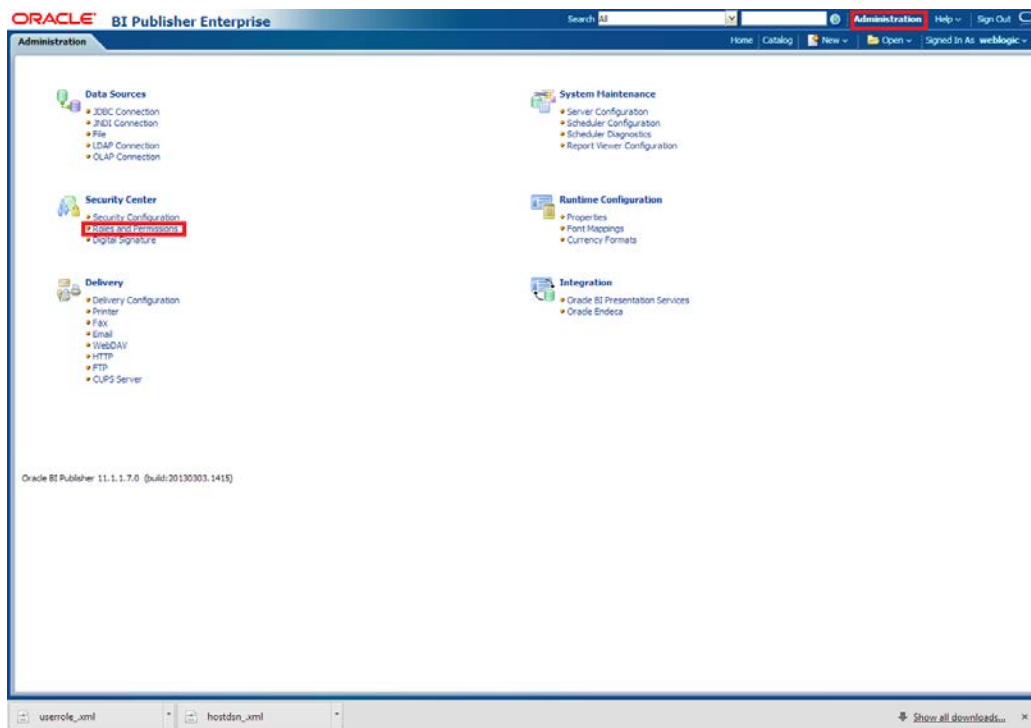
- Click on Add button , a new window “Add Principal” will be launched.
- Select Type as “Application Role” and click on the search button
- From the list select the role that has been created earlier in application role screen and click on OK button in pop up window and screen.



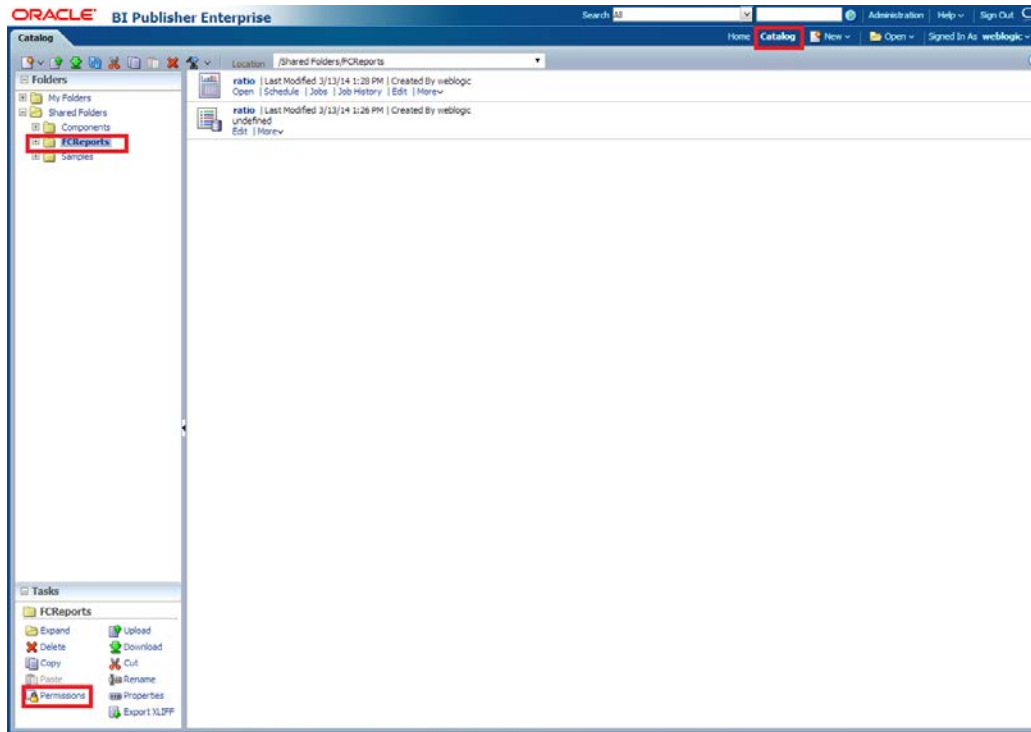
- Click Add button under Permissions and add the two permissions one by one as mentioned below.
 - oracle.bi.publisher.runReportOnline
 - oracle.bi.publisher.accessReportOutput



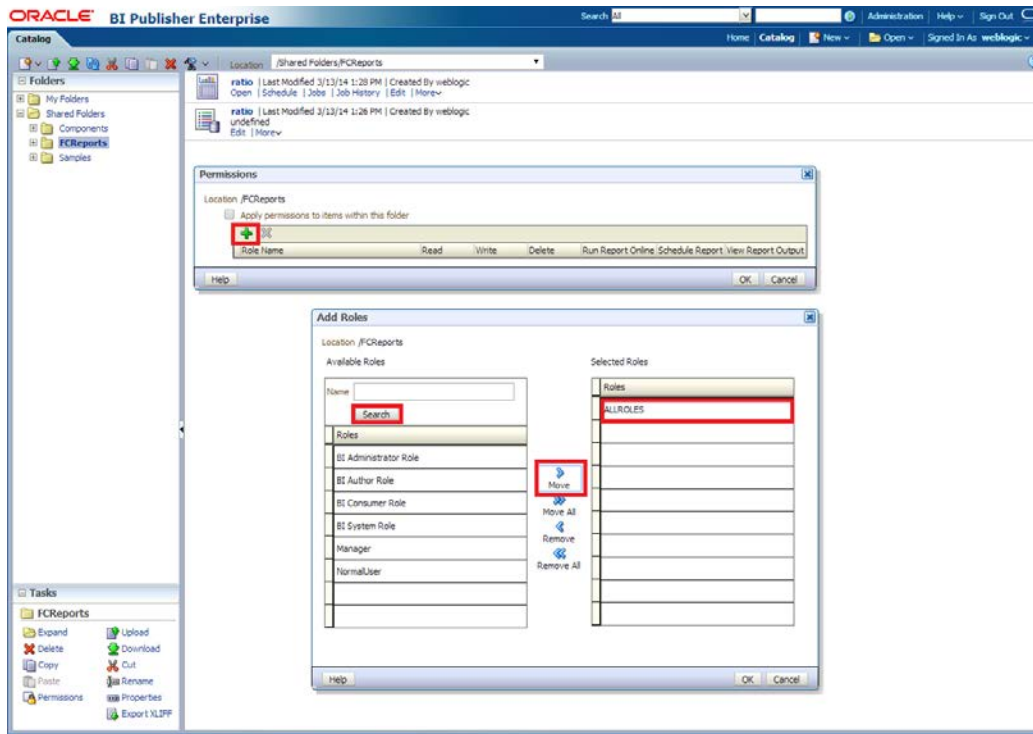
- 9) After getting information message like “A security added successfully”,
 - Login into the BIPublisher , <http://s:<hostname>:<port>/xmlpserver>
 - Click on the Administration .
 - Click on the Roles and Permission under Security center and check if the added role(in em) is displayed, If not restart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



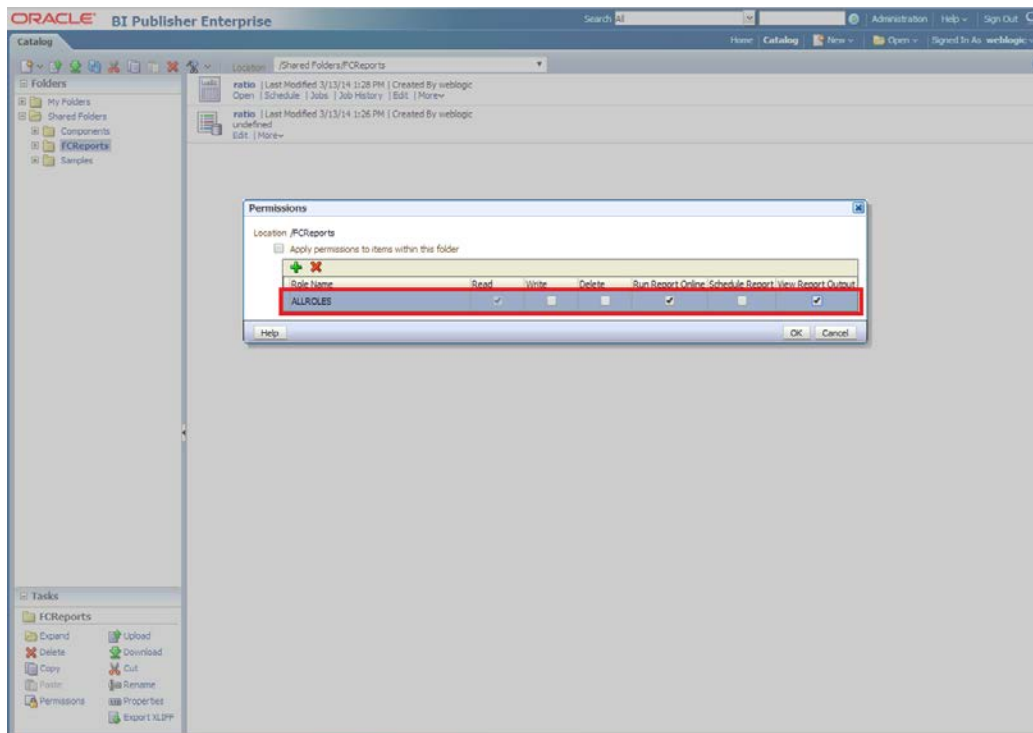
10) Then click on the Catalog , then on the folder that has been created , and then on permissions



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.



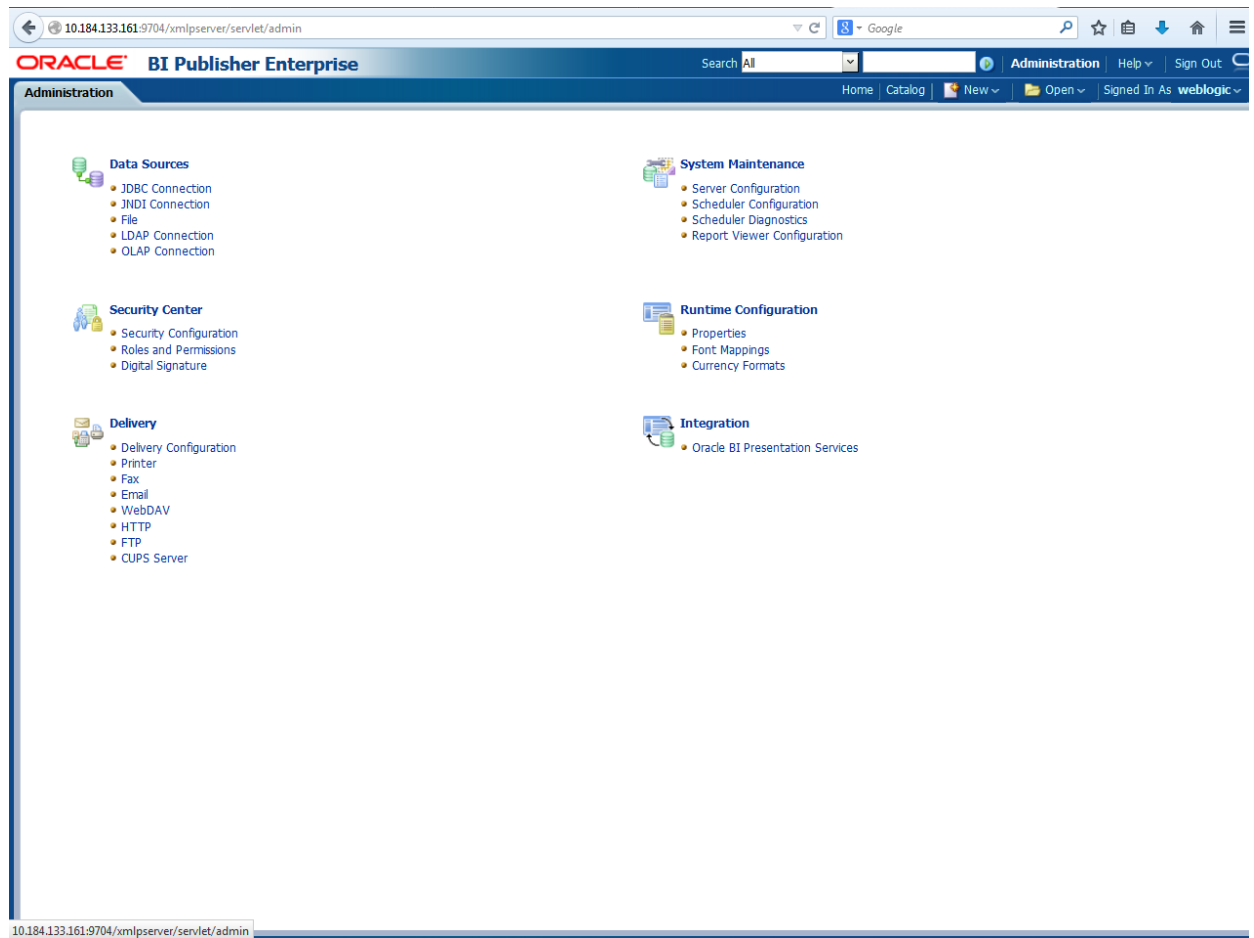
Now the reports in the folder will be accessed accordingly based on the roles.

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 Search Administration Help Sign Out

Administration Home Catalog New Open Signed In As **weblogic**

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/server/adm/datasource/connectionhome?type=idbc&_sTk=6ec2d6c614e97518204

ORACLE® BI Publisher Enterprise Search Administration Help Sign Out

Administration Home Catalog New Open Signed In As **weblogic**

Administration > JDBC

Data Sources

JDBC JNDI File LDAP OLAP

Previous 1-10 of 16 Next

Data Source Name	Connection String	Delete
demo	jdbc:oracle:thin:@10.184.149.52:1521:SOAD8	
FCI202UBS	jdbc:oracle:thin:@10.184.132.144:1521:K012NEW	
FCI21DEV	jdbc:oracle:thin:@10.184.132.144:1521:K012NEW	
FCBIP	jdbc:oracle:thin:@10.184.154.149:1521:ORFC12C	
FCOB121DEV	jdbc:oracle:thin:@10.184.154.149:1521:ORFC12C	
FCOB121UT	jdbc:oracle:thin:@10.184.154.149:1521:ORFC12C	
FCUBS1203	jdbc:oracle:thin:@10.184.132.137:1521:FCPATC2	
FCUBS121	jdbc:oracle:thin:@whf00aew:1521:ORFC12C	
FCUBS12C	jdbc:oracle:thin:@10.184.132.172:1521:FCUBS12C	
fcubswf1202	jdbc:oracle:thin:@10.184.149.52:1521:SOAD8	

Previous 1-10 of 16 Next

15. 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/FCUBSDEV121

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

16. Add the fcubs roles to allowed Roles under security

ORACLE BI Publisher Enterprise

Administration

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

Security

☐ Allow Guest Access

Available Roles

- BI Administrator Role
- BI Author Role
- BI Consumer Role
- BI System Role
- FCUBS Consumer Role

Allowed Roles

- ALL ROLES

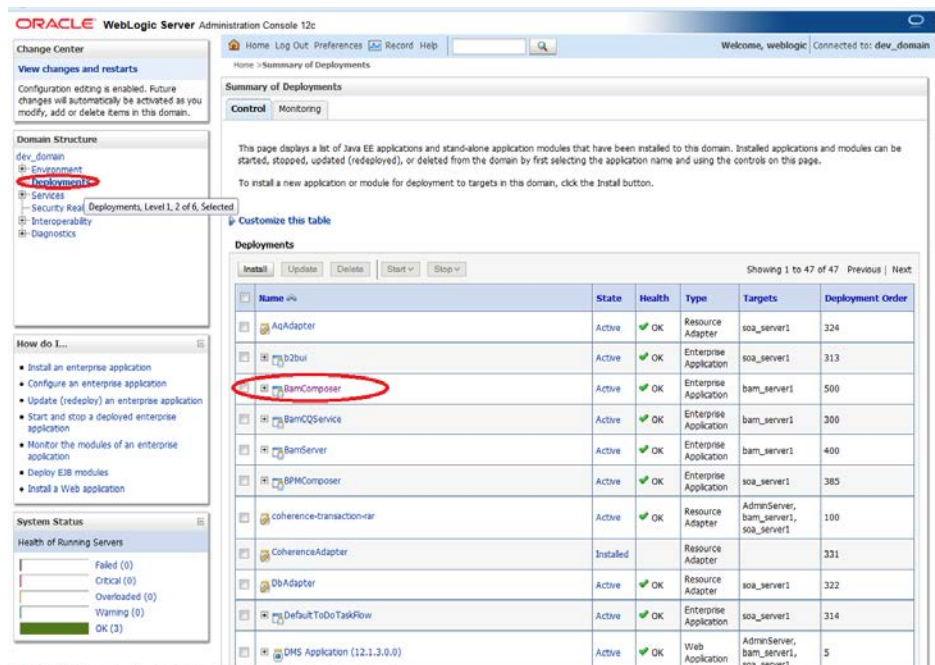
Move, Move All, Remove, Remove All

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

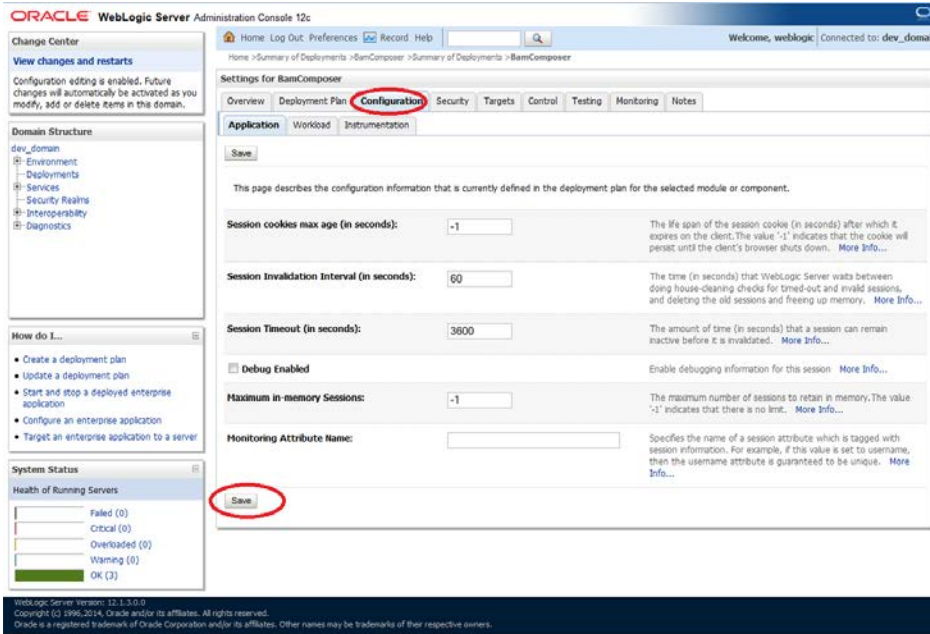
18. Please follow the steps 15 to 17 to create data source for FCUBS Schema and give the name as FCBIPBPEL

1.2.10 BAM Report Configuration settings

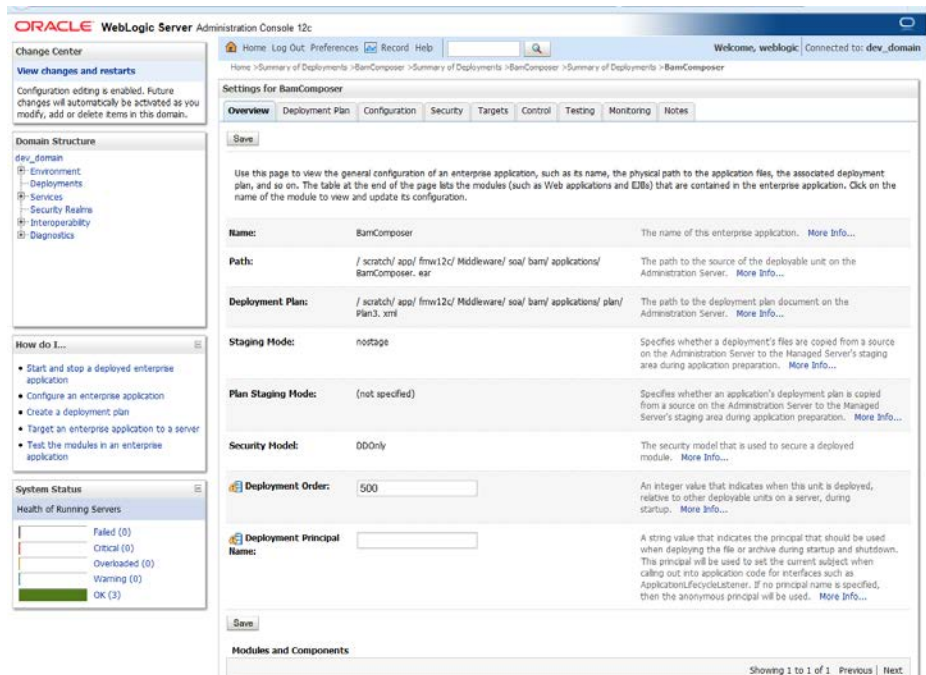
1. Generate a deployment plan for BAM Composer Application.
2. Login in to console <http://hostname:port/console>
3. Click on Deployments→click on BAM Composer



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.

Customize this table

Deployments

When work completes: **Force Stop Now** (circled in red)
Stop, but continue servicing administration requests

Name	State	Health	Type	Targets	Deployment Order
AcAdapter	Active	OK	Resource Adapter	soa_server1	324
...
BAMComposer (circled in red)	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
...
FileAdapter	Active	OK	Resource Adapter	soa_server1	321
frevo	Installed		Enterprise Application		100
...
...	Active	OK	Resource	soa_server1	325

8. Update the deployment plan.

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

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Web

Welcome, weblogic Connected to: dev_domain

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.

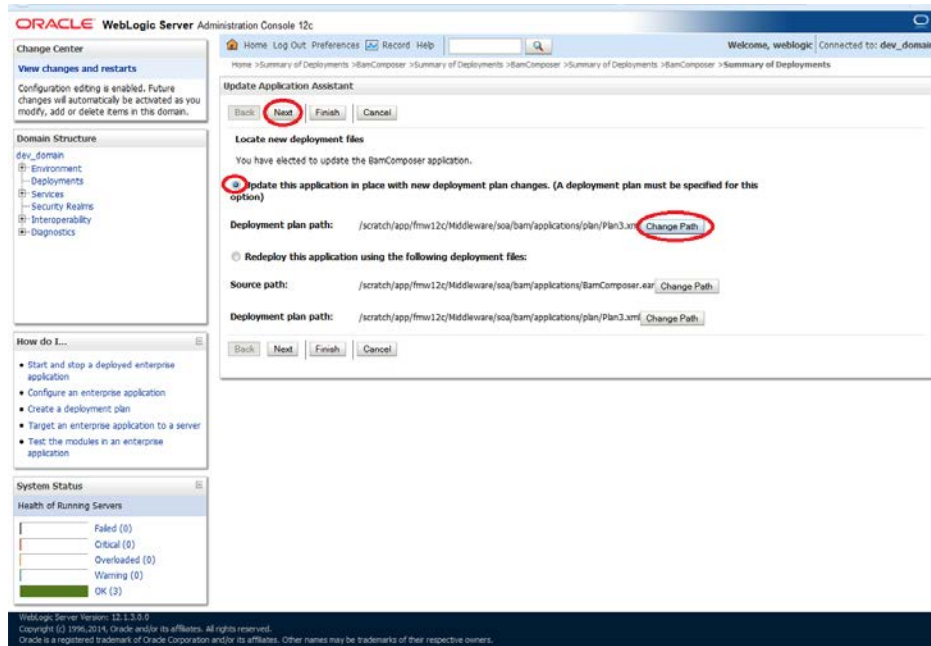
Customize this table

Deployments

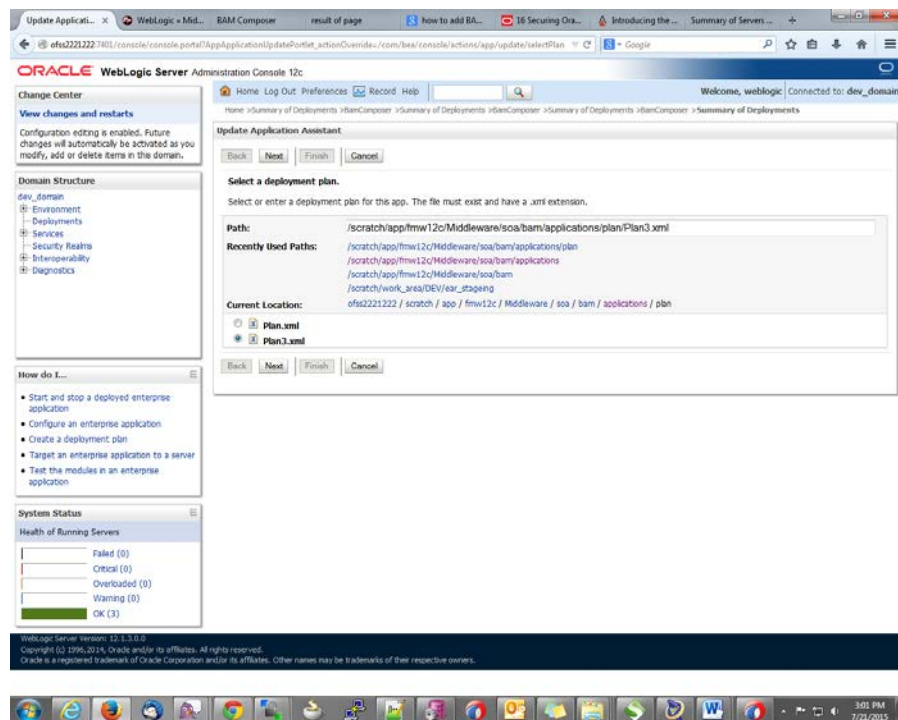
When work completes: **Update** (circled in red)

Name	State	Health	Type	Targets	Deployment Order
AcAdapter	Active	OK	Resource Adapter	soa_server1	324
...
BAMComposer (circled in red)	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

Welcome, weblogic; Connected to: dev_domain

Home | Log Out | Preferences | Record | Help

Summary of Deployments > Summary of Deployments > Summary of Deployments > 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 | Stop

Showing 1 to 47 of 47 Previous | Next

Name	State	Health	Type	Targets	Deployment Order
AqAdapter	Active	OK	Resource Adapter	soa_server1	324
mqb2bui	Active	OK	Enterprise Application	soa_server1	313
mqBAMComposer	Prepared	OK	Enterprise Application	bam_server1	500
mqBAMCQService	Active	OK	Enterprise Application	bam_server1	300
mqBAMServer	Active	OK	Enterprise Application	bam_server1	400
mqBPMComposer	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
OpAdapter	Active	OK	Resource Adapter	soa_server1	322
PSDefaultToDoTaskFlow	Active	OK	Enterprise Application	soa_server1	314

12. Restart the BAM Composer application in the console

Oracle WebLogic Server Administration Console 12c

Welcome, admin; Connected to: AlphaDomain

Home | Log Out | Preferences | Record | Help

Summary of Deployments > Summary of Deployments > Summary of Deployments > Summary of Servers > Summary of Servers

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

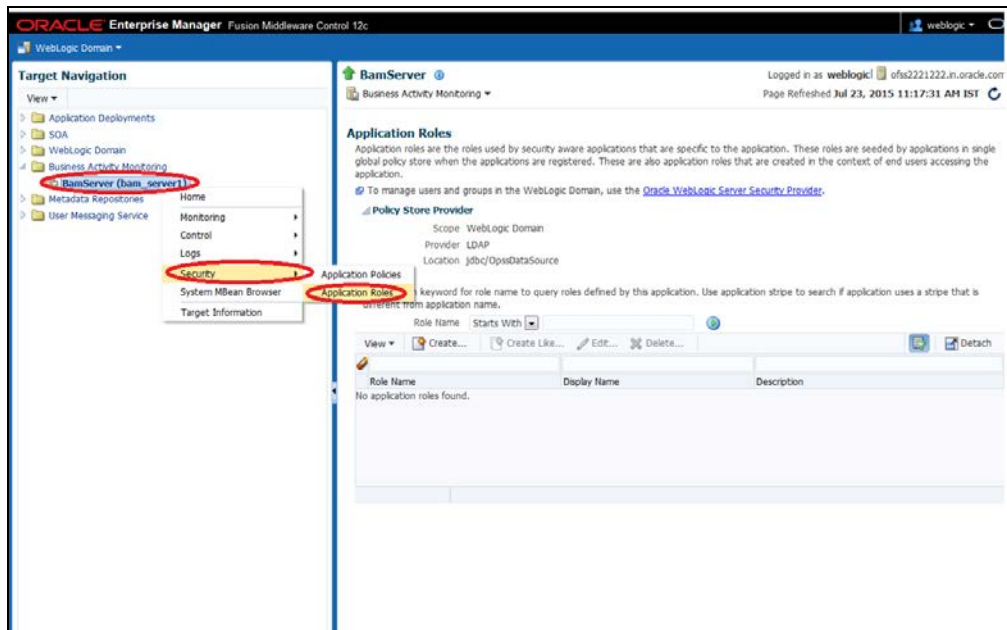
Install | Update | Delete | Start | Stop

Showing 1 to 48 of 48 Previous | Next

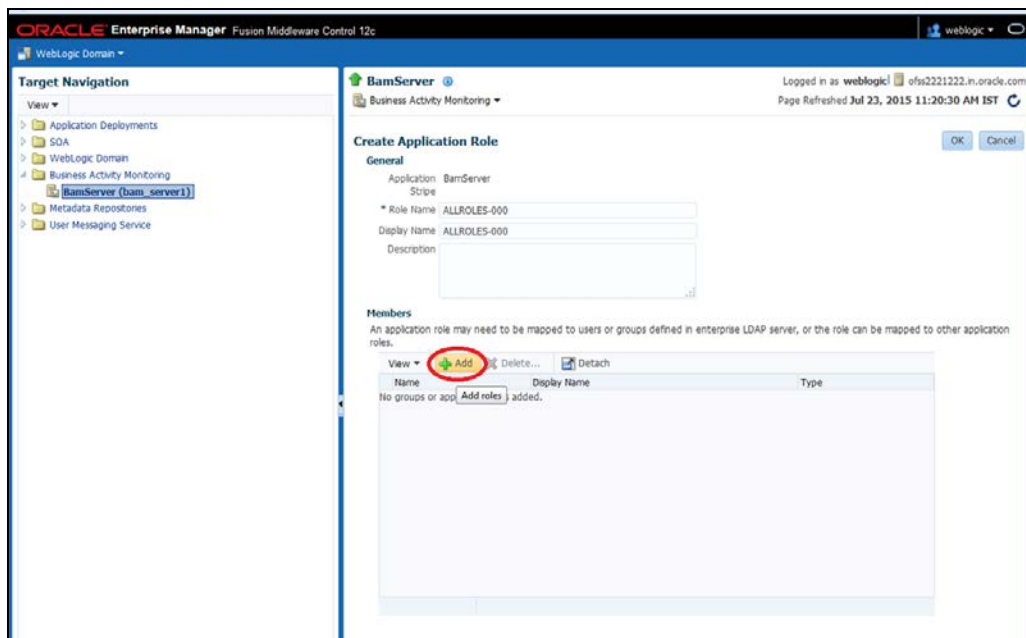
Name	State	Health	Type	Targets	Deployment Order
AqAdapter	Prepared	OK	Resource Adapter	SOAServer	324
mqb2bui	Prepared	OK	Enterprise Application	SOAServer	313
mqBAMComposer	Prepared	OK	Enterprise Application	BAMServer	500
mqBAMCQService	Active	OK	Enterprise Application	BAMServer	300
mqBAMServer	Active	OK	Enterprise Application	BAMServer	400
mqBPMComposer	Active	OK	Enterprise Application	SOAServer	385
coherence-transaction-rar	Active	OK	Resource Adapter	AdminServer, BAMServer, SOAServer	100
CoherenceAdapter	Installed		Resource Adapter		331
OpAdapter	Active	OK	Resource Adapter	SOAServer	322
PSDefaultToDoTaskFlow	Active	OK	Enterprise Application	SOAServer	314
WMS Application (12.1.3.0.0)	Active	OK	Web Application	AdminServer, BAMServer, SOAServer	5
WMS CMDB (12.1.3.0.0)	Active	OK	Enterprise Application	SOAServer	600

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

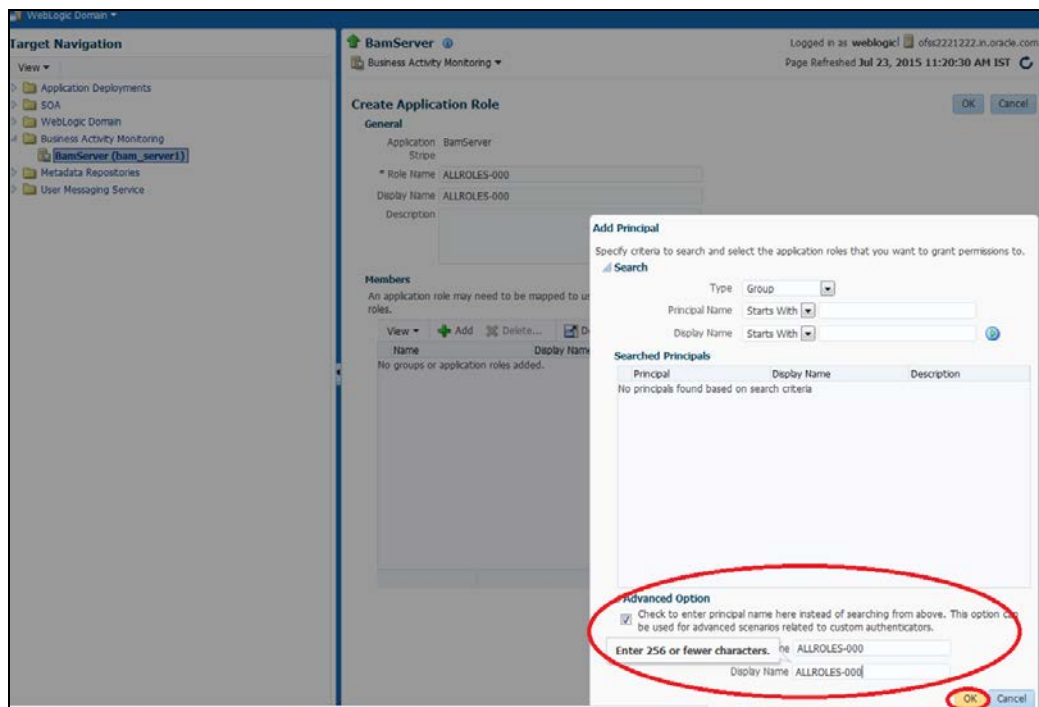
14. Right Click on BAM Server→Security→Application Roles



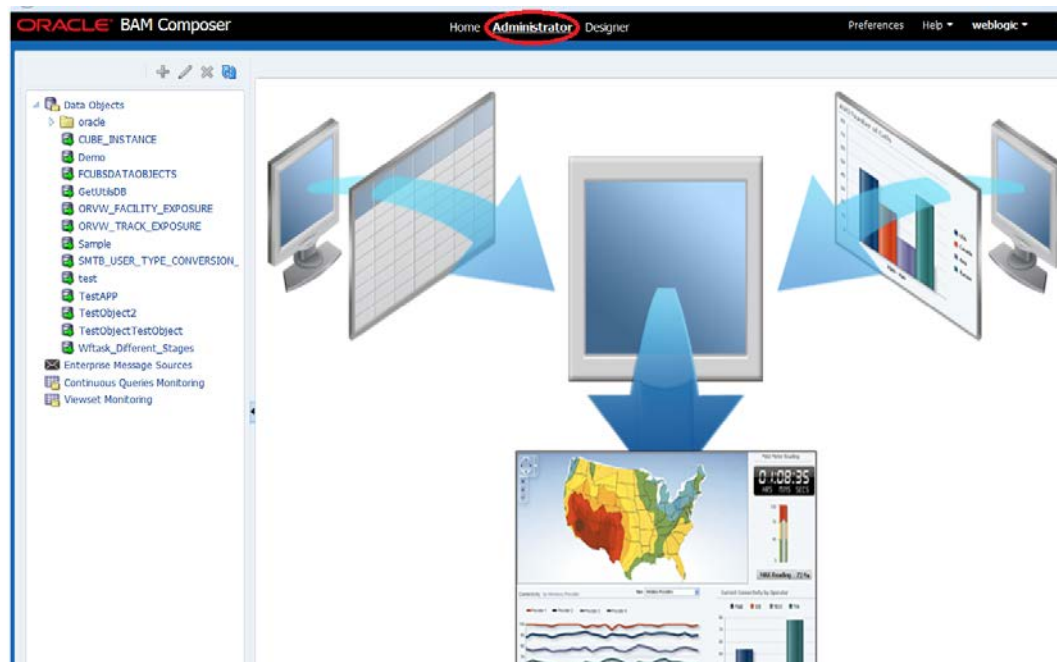
15. Click on Create → create application role with ALL ROLES-000→Click on ADD button in the Members



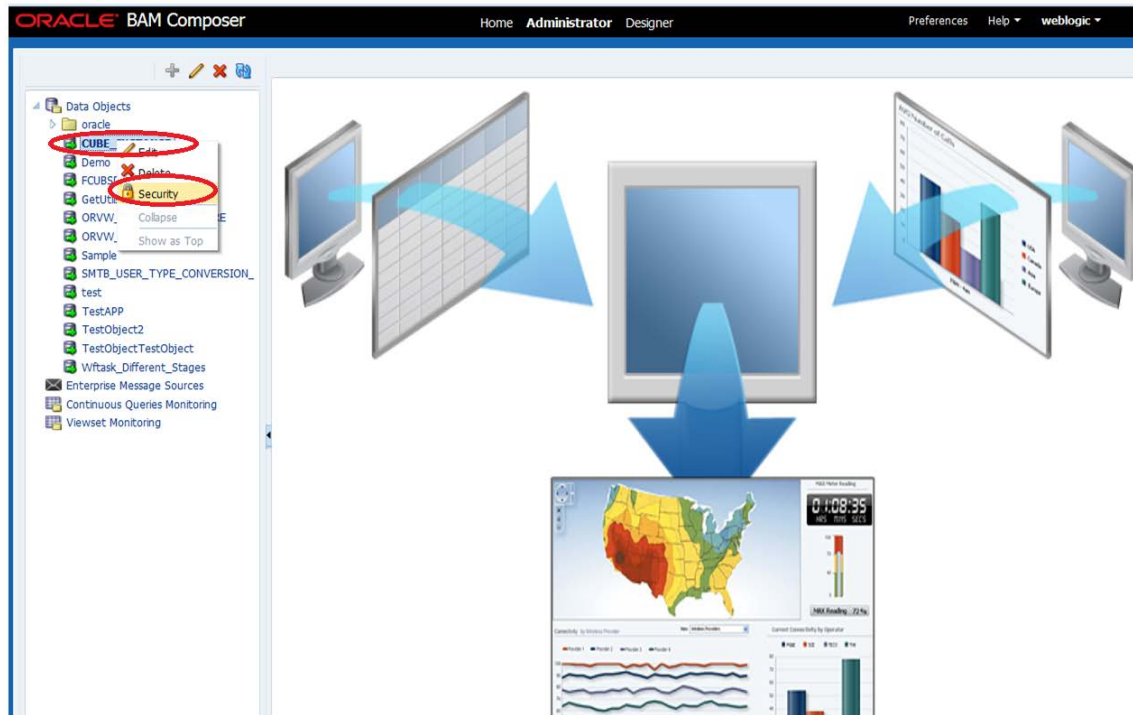
16. Select the Type as Group and add principle details by referring the below screen shot.



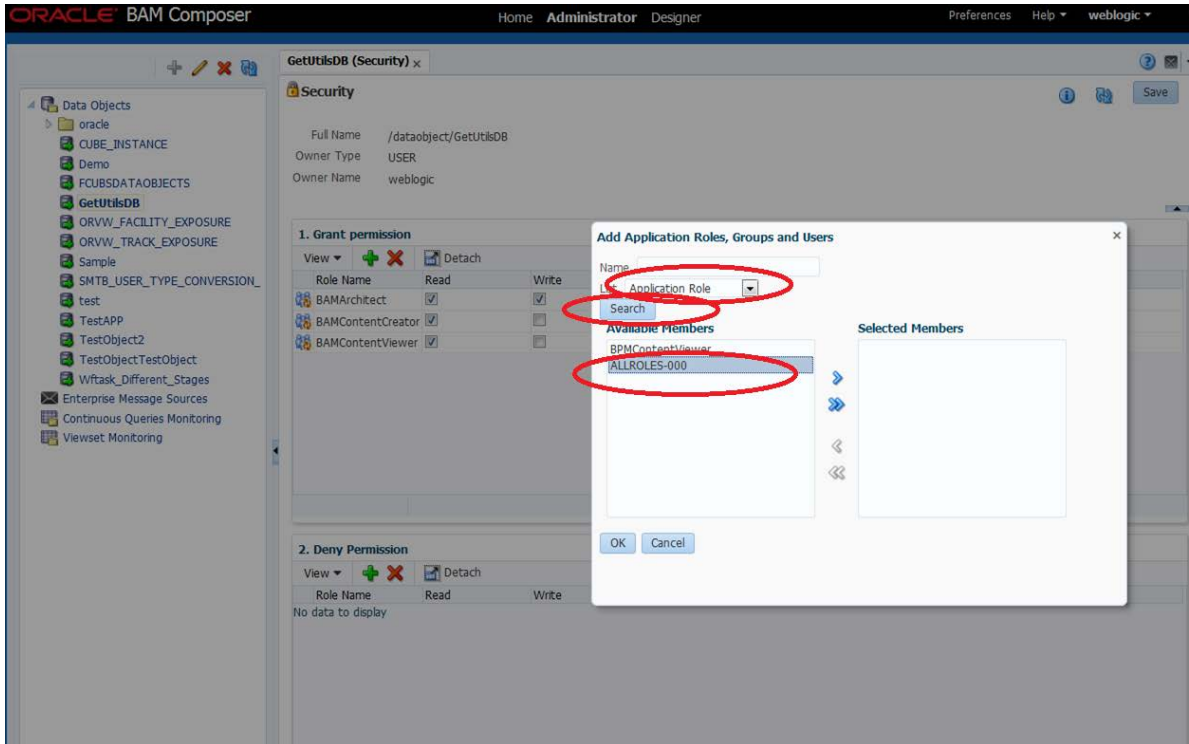
17. Login to BAM Composer → <http://hostname:port/bam/composer> → Click on Administrator.



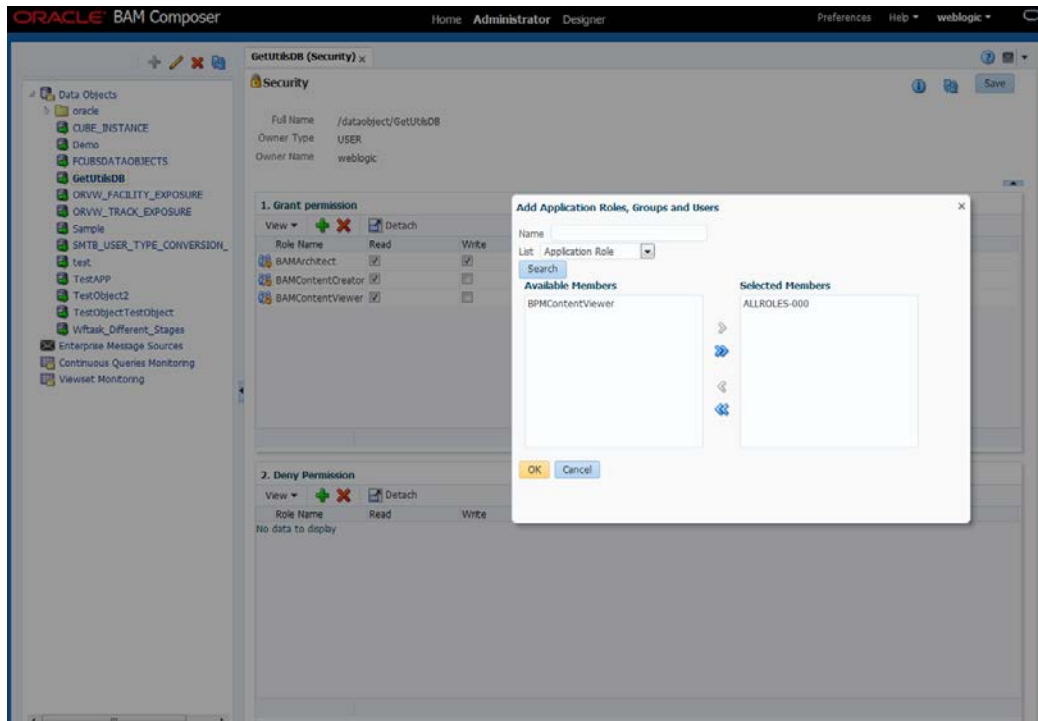
18. Go to Data Object→Right Click on CUBE_INSTANCE→Security



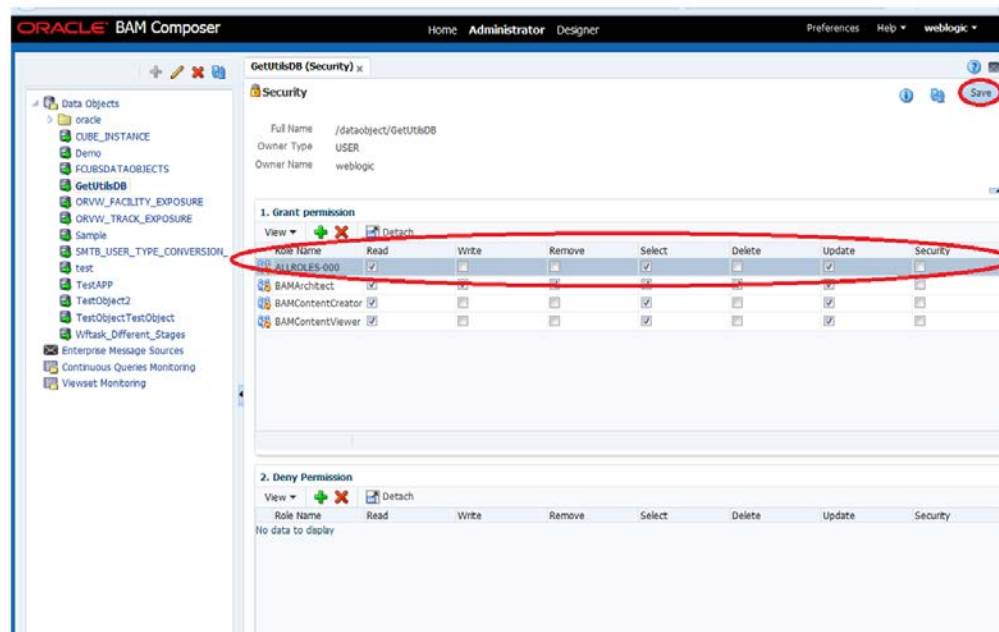
19. Click on Add button under Grant permission and search the list based on the Application Role



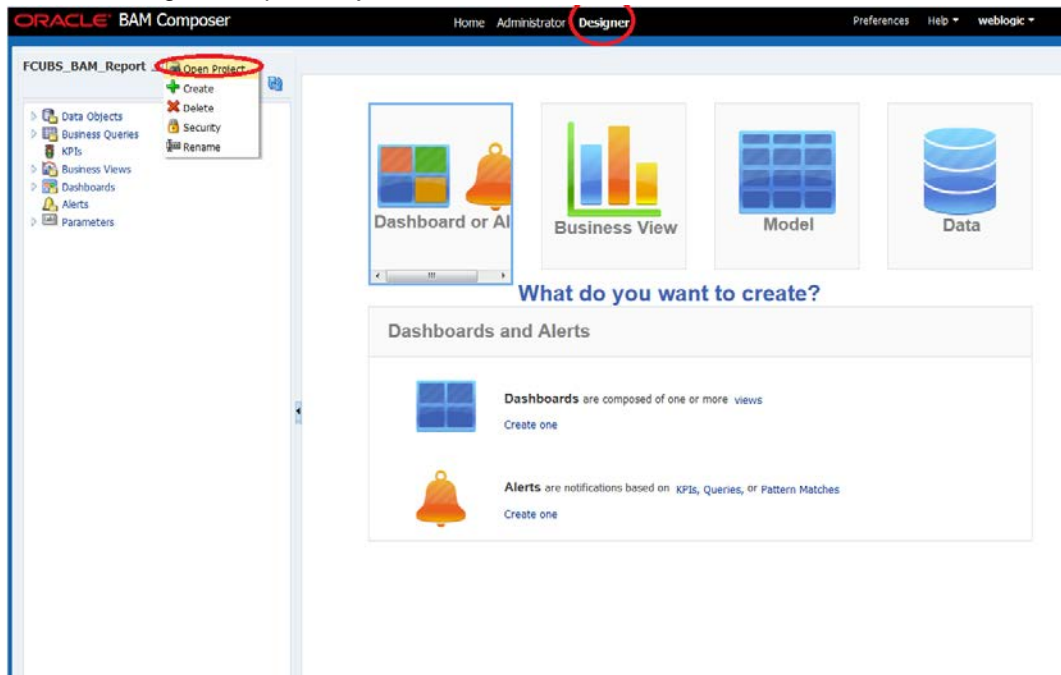
20. Move the ALLROLES-000 to Selected members.



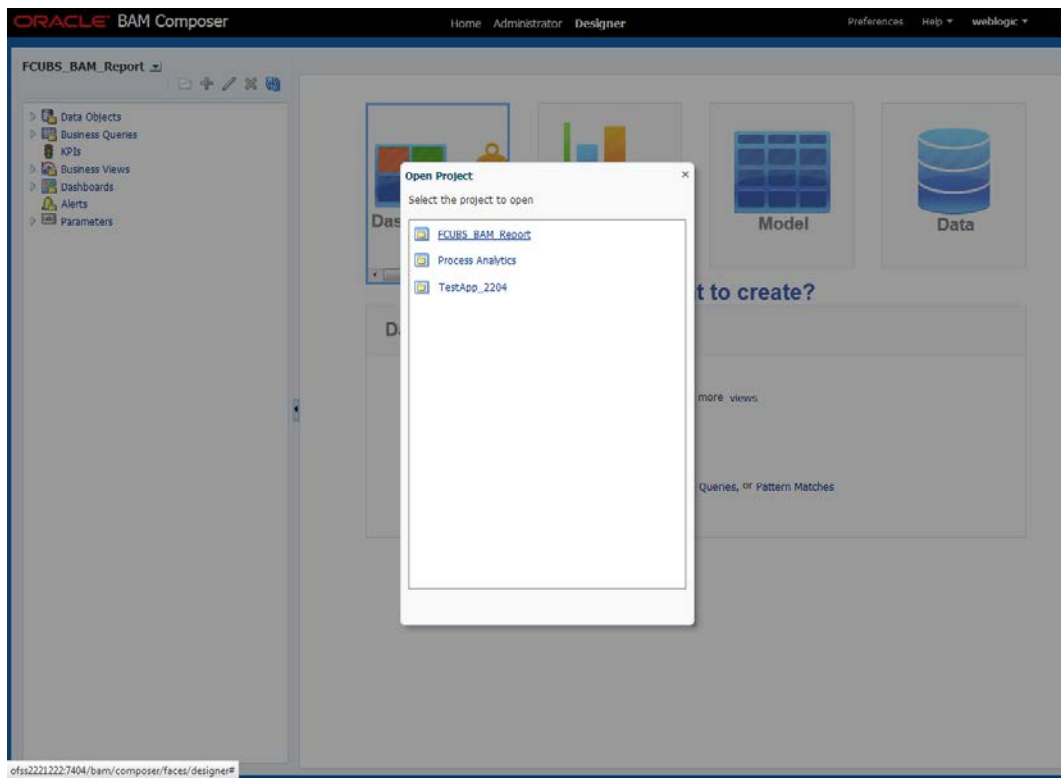
21. Click on read ,select and Update check boxes →Click on Save.



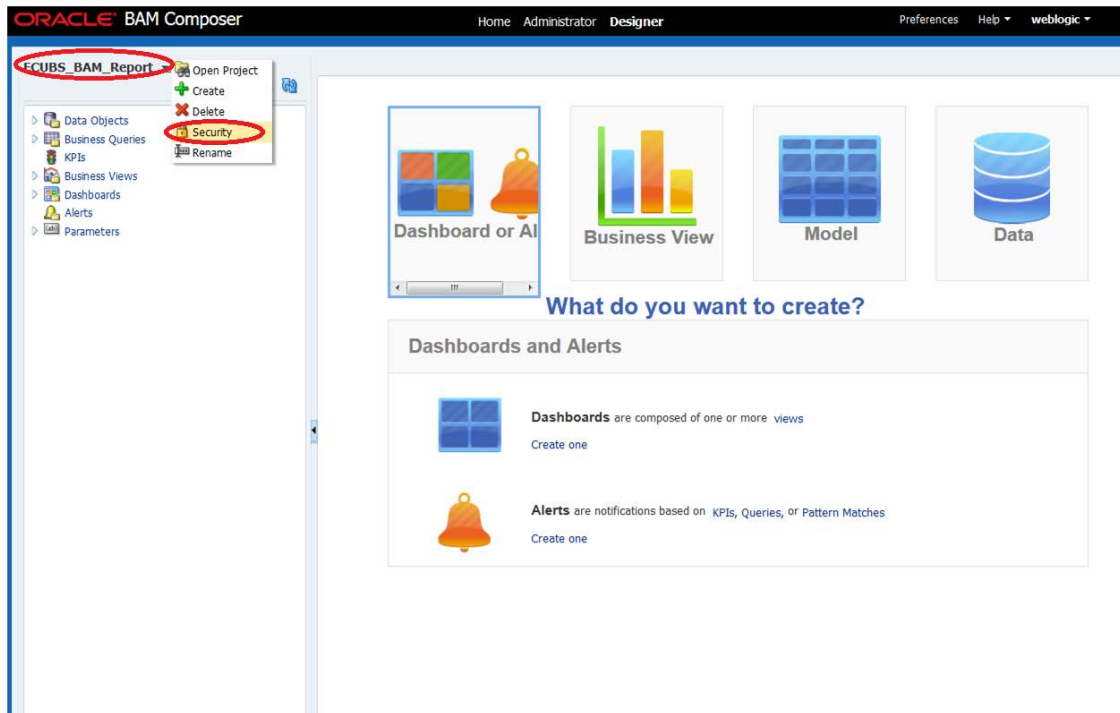
22. Follow the step 17 to 21 for other Data objects also.(cube_instance,wftask_different_stages, ORVW_TRACK_EXPOSURE, ORVW_FACILITY_EXPOSURE, GetUtilsDB, SMTB_USER_TYPE_CONVERSION_VIEW, FCUBSDATAOBJECTS).
23. Click on Designer →open Project



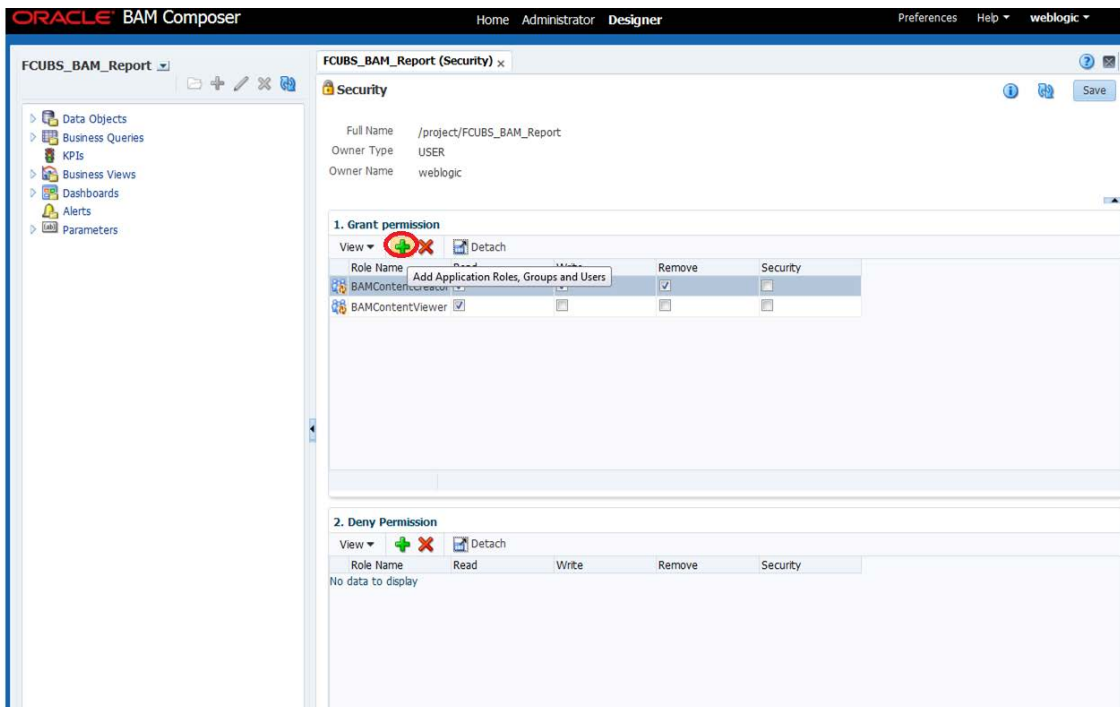
24. Click on FCUBS_BAM_report

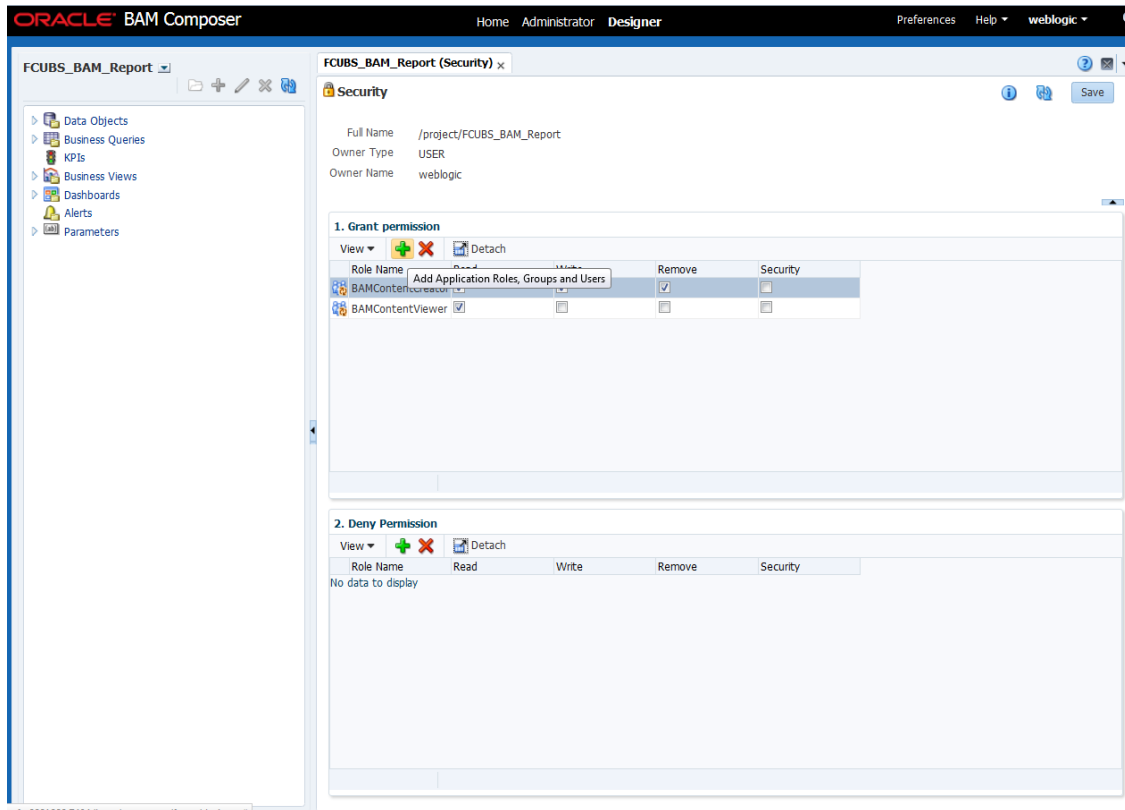


25. click on FCUBS_BAM_Report → Security

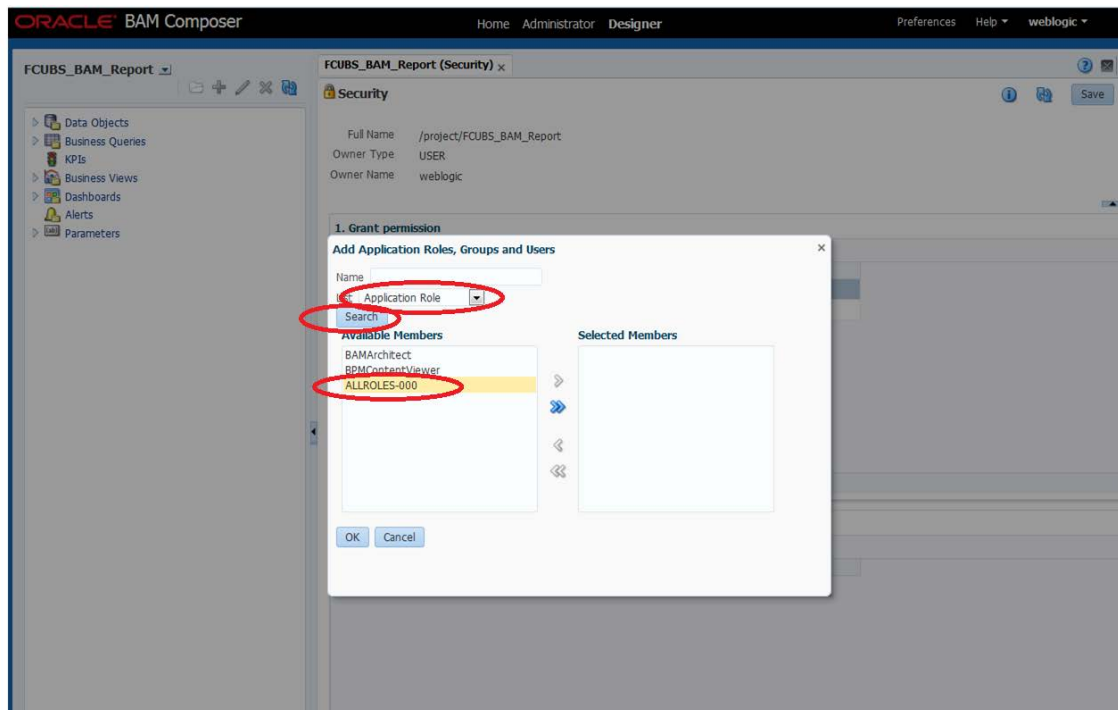


26. Click on ADD button Under Grant Permission.

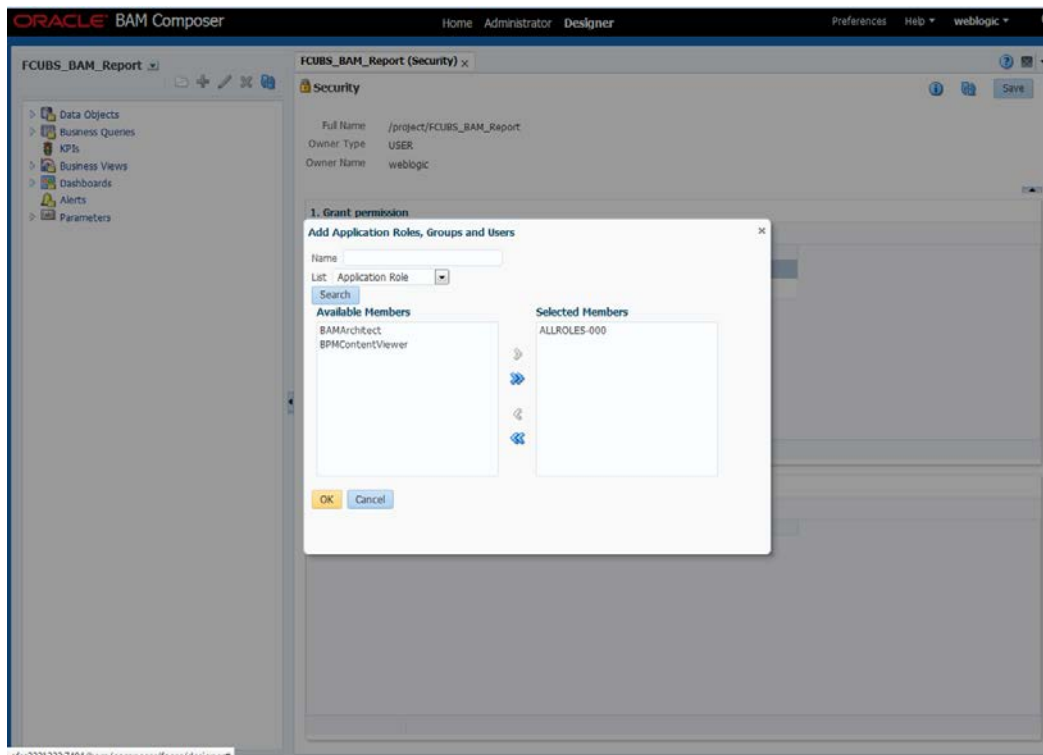




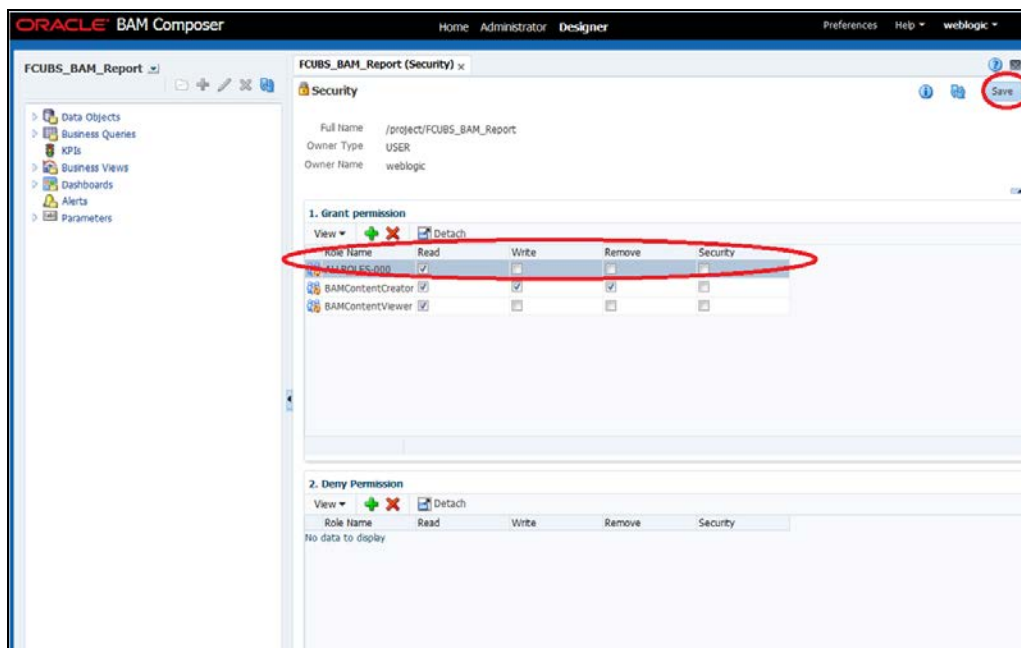
27. Search the List based on the Application Roles and Select the ALLROLES-000



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



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

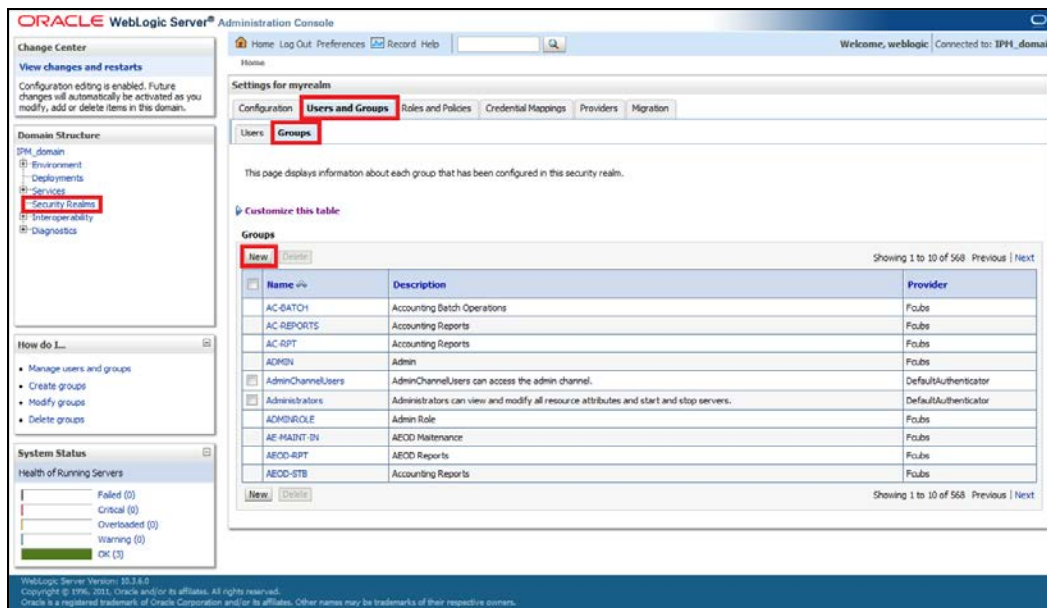


1.2.11 IPM configuration to edit the document

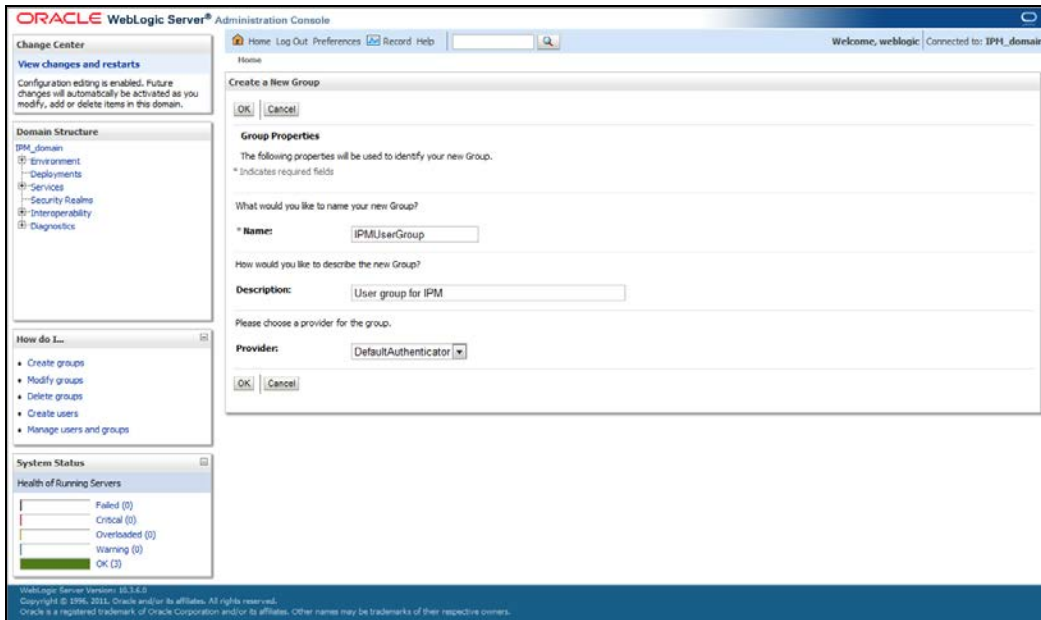
- 1) Login to the console, `http/s:<hostname>:<port>/console` with admin user
- 2) Follow the step 1.2.1 to add the “FCJCustomProvider”.

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.

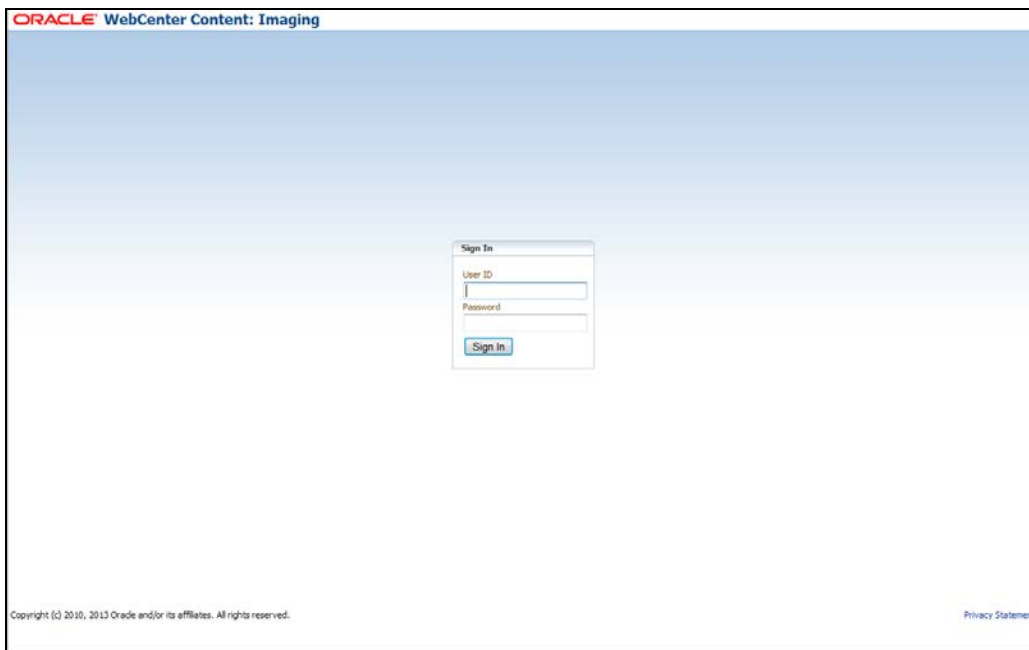
- 3) After adding the custom authenticator,
 - Navigate to security realms >my realm > Users and Groups > Groups.
 - Click on the New button.



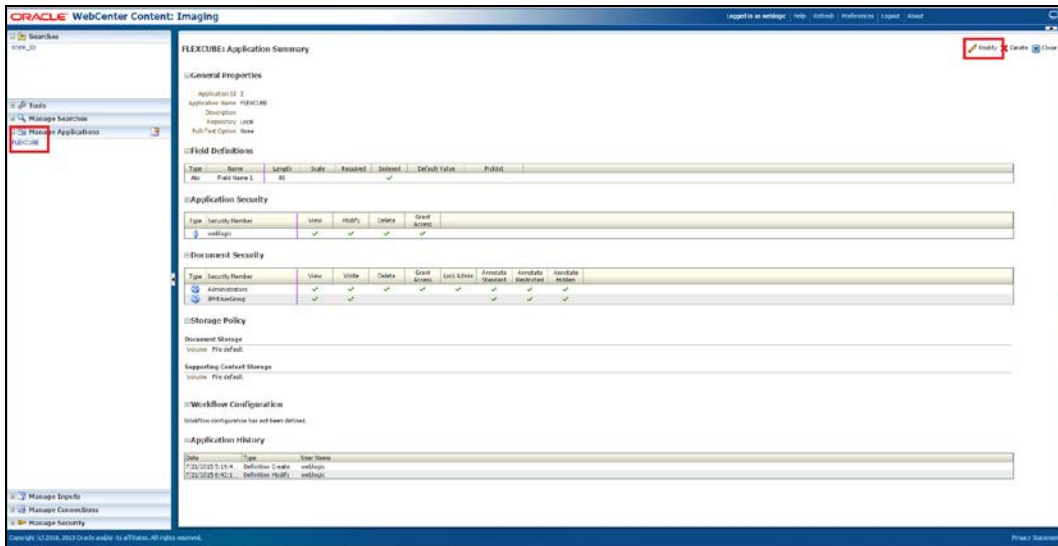
- 4) After Clicking on the new button,
 - Enter the name as “IPMUserGroup”
 - Description for it (optional)
 - And select the authenticator as “DefaultAuthenticator”
 - And then click “Ok”



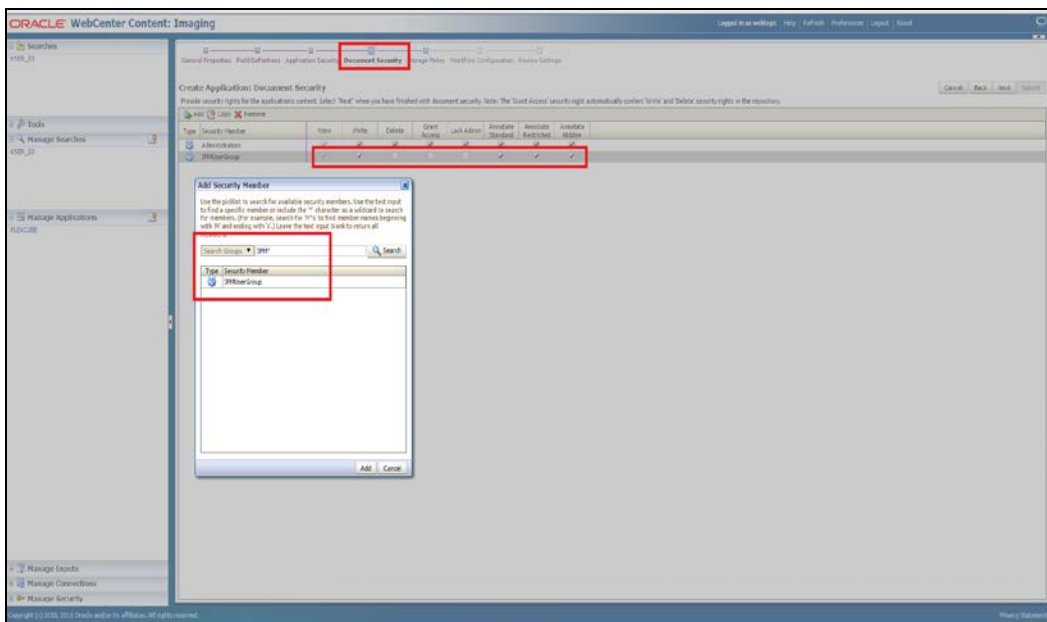
5) Login to the Imaging URL <http://s:<hostname>:<port>/imaging> with admin user



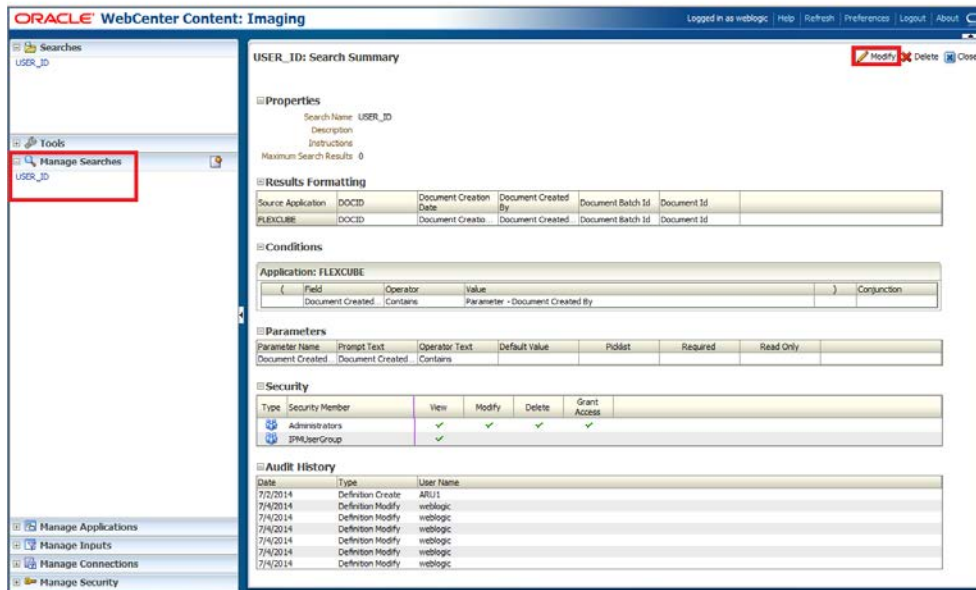
- a. Navigate to Manage Applications
- b. Click on the FLEXCUBE
- c. Then click on the modify on the right pane



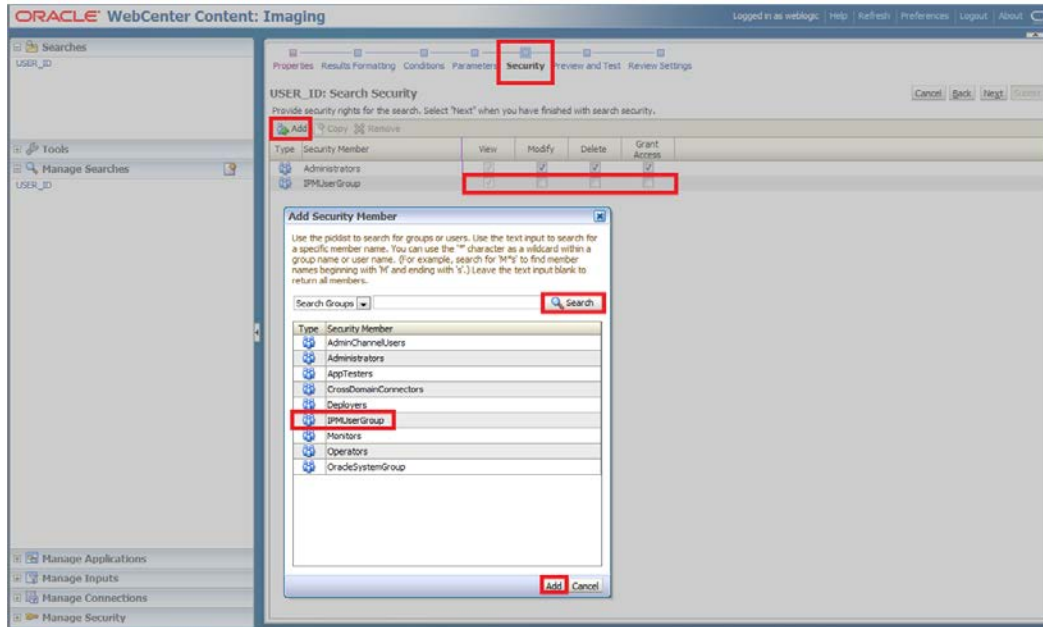
- 6) After clicking on the modify button,
 - a. Navigate to Document Security
 - b. Click on Add button
 - c. Click on Search button in the pop up window
 - d. Select the "IPMUserGroup"
 - e. Click on Add
 - f. IPMUserGroup will be listed in the panel, select view ,write,annotate Standard,Annotate Restricted 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.FCIdentityStoreFactory"/>
  <property name="DATASOURCE_NAME" value="jdbc/fcdevDS"/>
  <property name="INTERNAL_CONTEXT_REQUIRED" value="true"/>
  <property name="INTERNAL_CONTEXT_NAME" value="internalstore"/>
</serviceInstance>
```



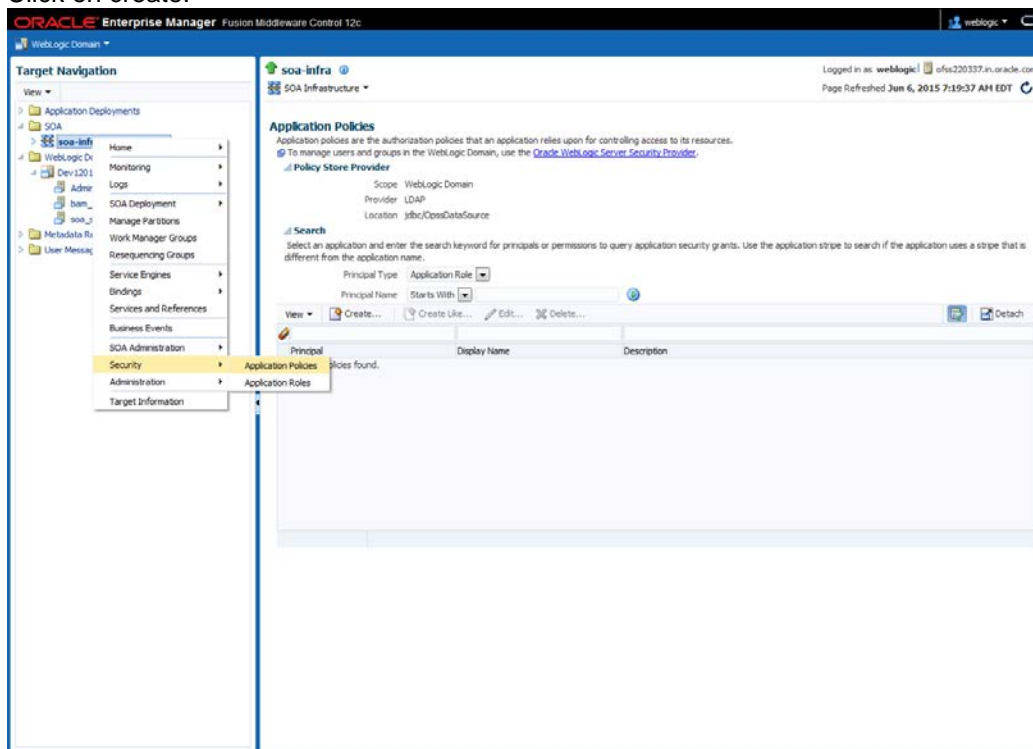
Make sure that the JNDI (jdbc/fcdevDS) matches the value given during property file creation.

- 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'.

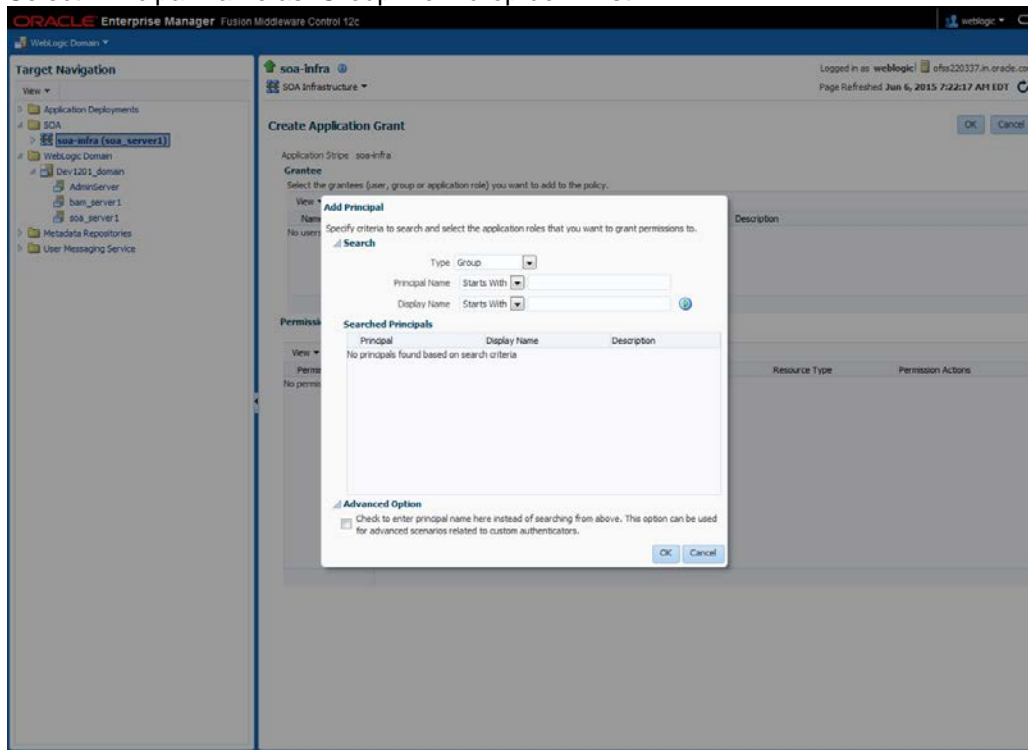
```
<jpsContext name="internalstore">
  <serviceInstanceRef ref="credstore"/>
  <serviceInstanceRef ref="keystore"/>
  <serviceInstanceRef ref="policystore.xml"/>
  <serviceInstanceRef ref="audit"/>
  <serviceInstanceRef ref="idstore.Idap"/>
</jpsContext>
```

1.2.12 Configuring Supervisor Roles in EM

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

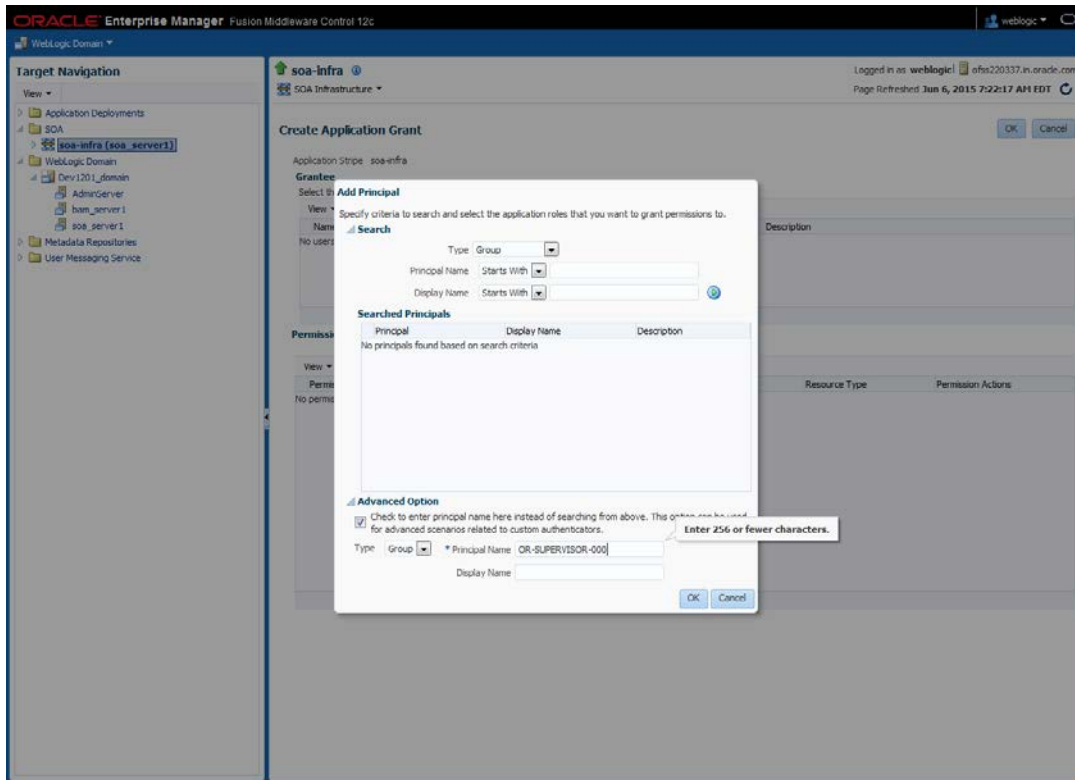


3. Select Principal Name as 'Group' from drop down list.

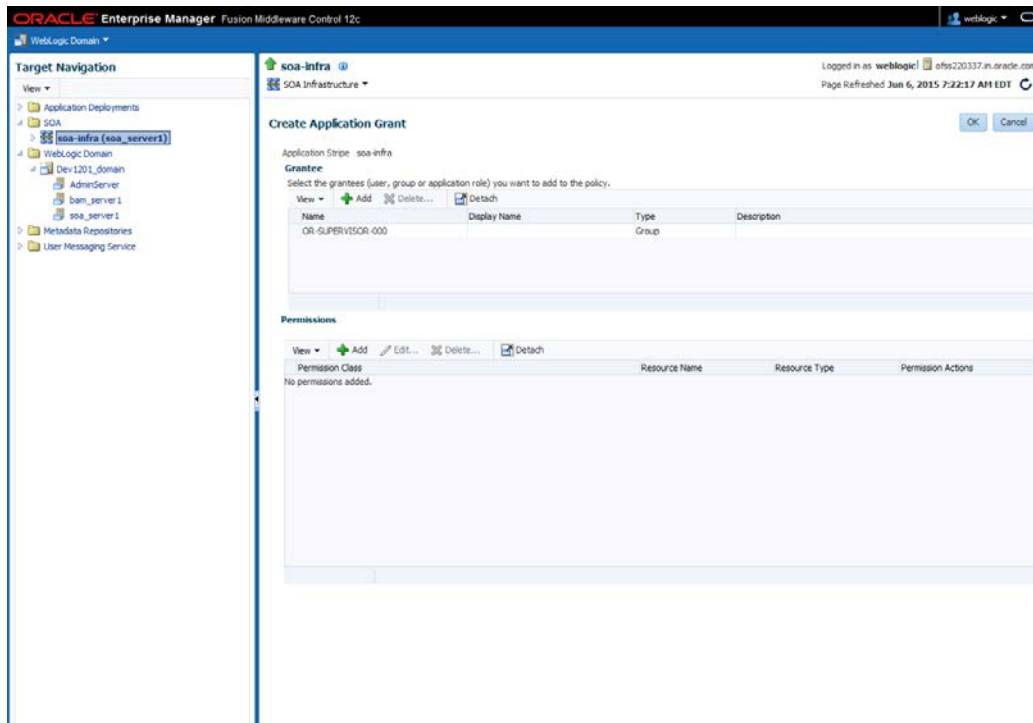


4. Click on 'Advanced option'.
5. Click on the check box and provide the group from drop down.
6. Provide the principal name as (OR-SUPERVISOR-000).

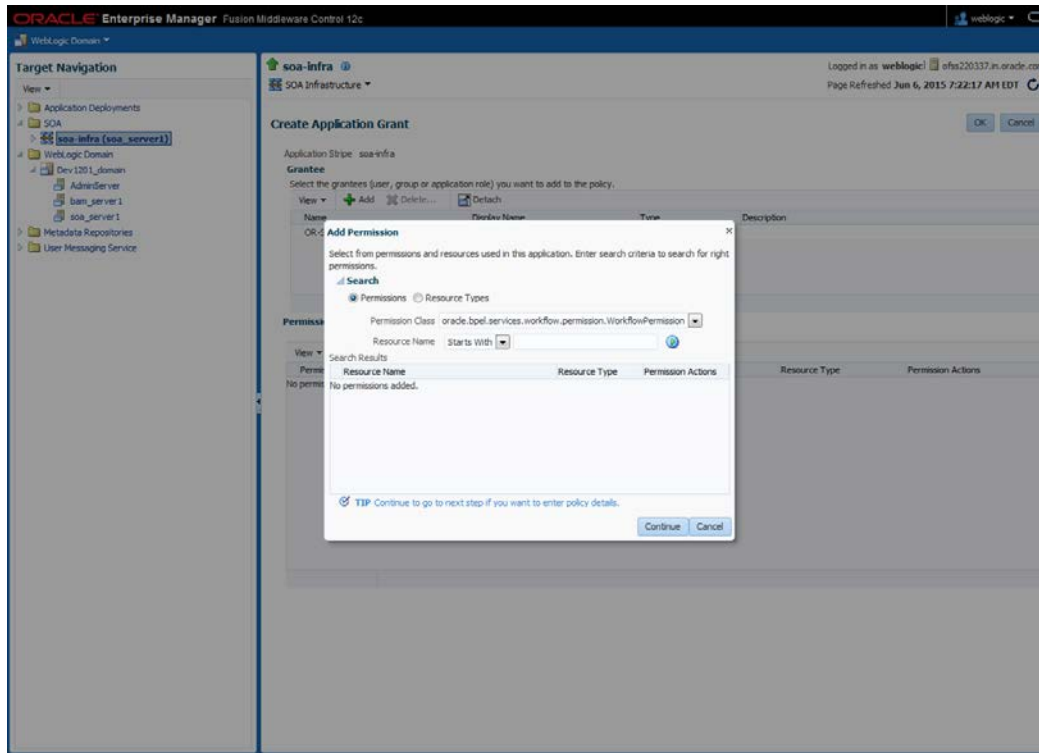
This will be role in flexcube for the supervisor. The branch will be coded manually. Ie if the branch code is CHO then the role to be created is (OR-SUPERVISOR-CHO).



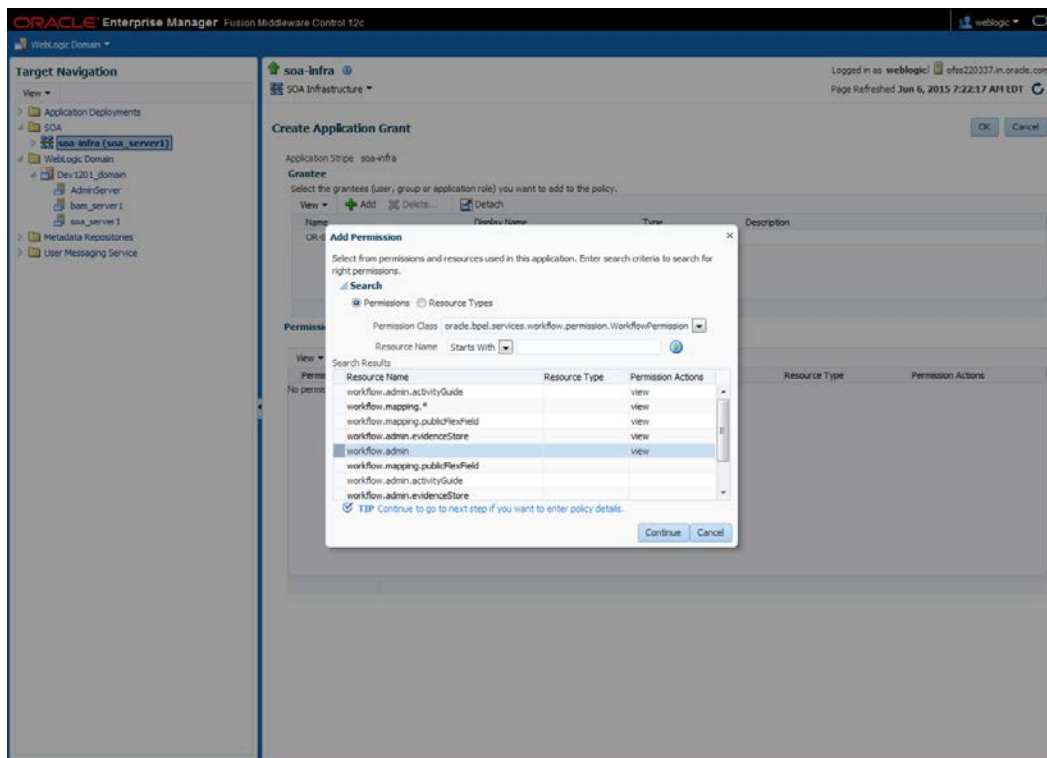
7. Add permission for the grantee.

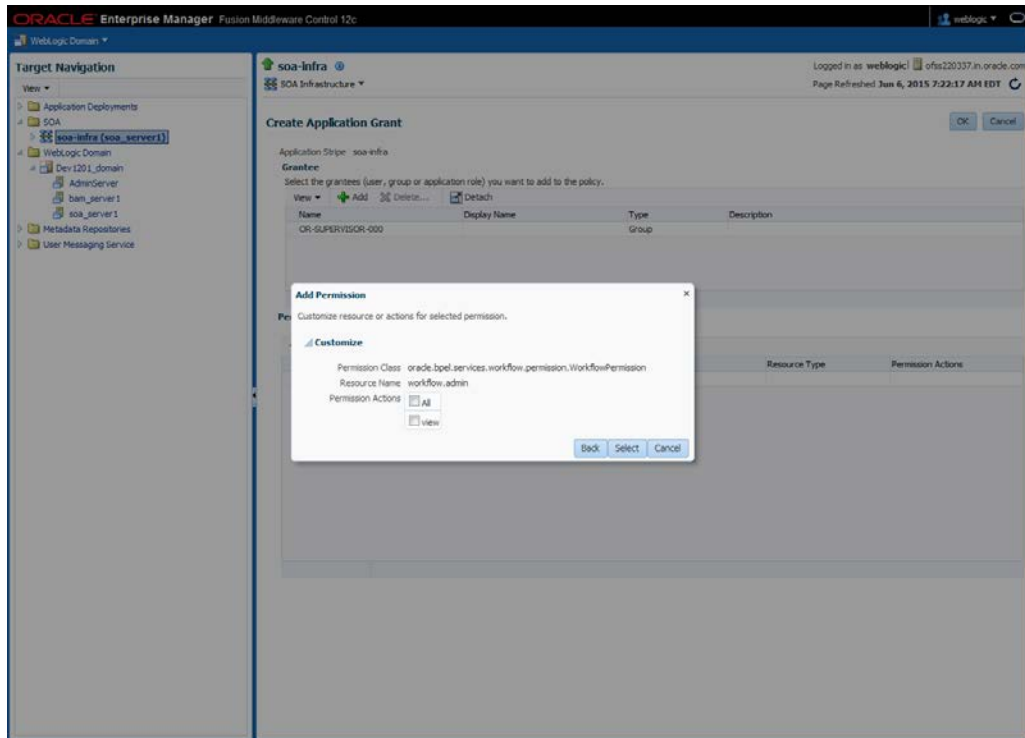


8. Select permission class as mentioned and click on the play button.

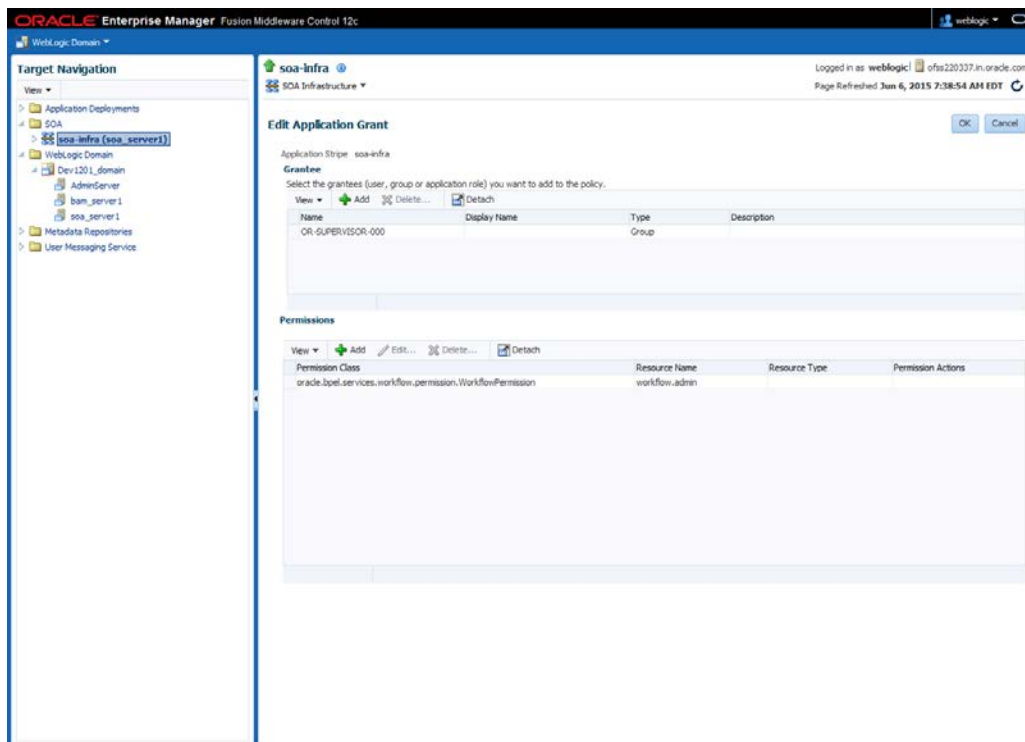


9. Select workflow.admin from the search result and give continue.



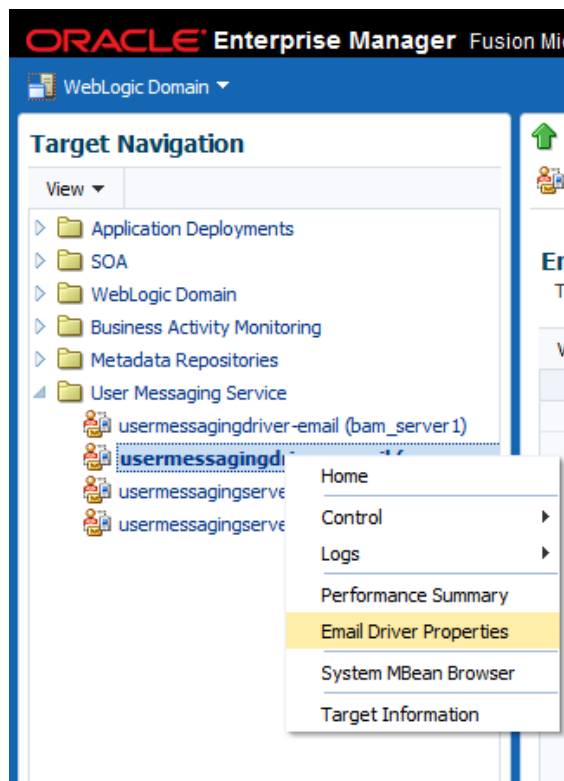


10. Click OK on Application Grant Page.

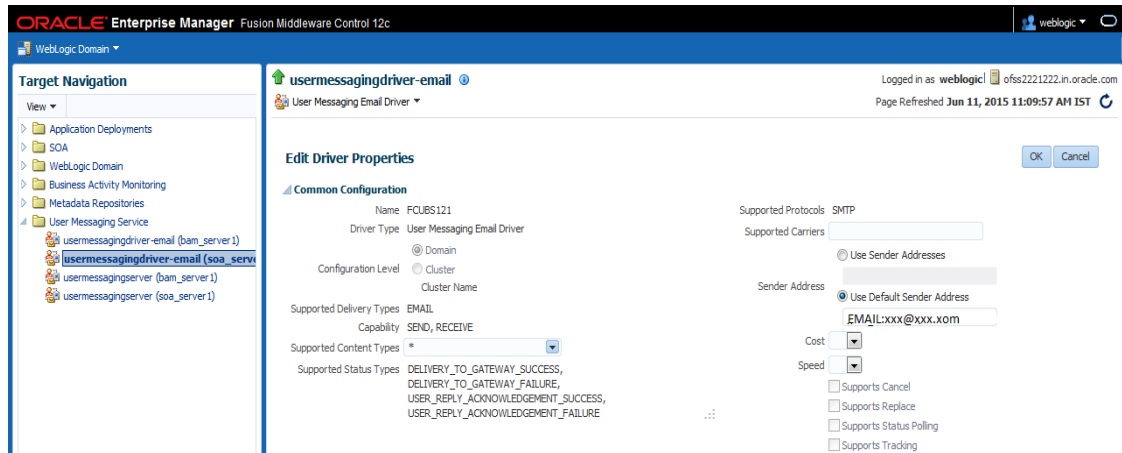


1.2.13 Email Driver Configuration

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)



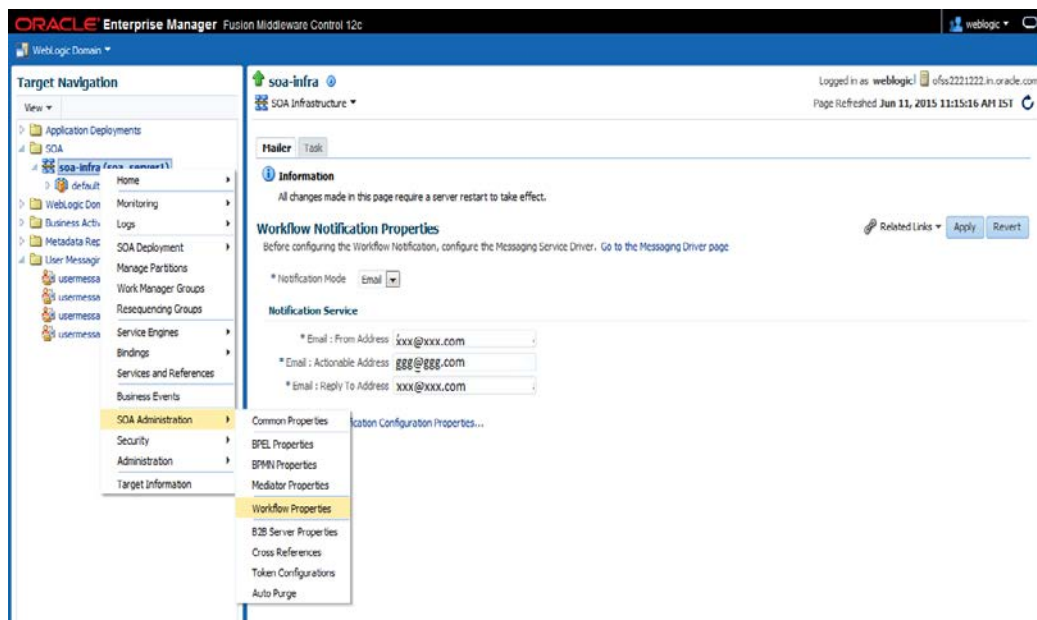
7. Select the mail access protocol (IMAP) as per the mail server specification

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

Driver-Specific Configuration				
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.			
	The password used for SMTP			

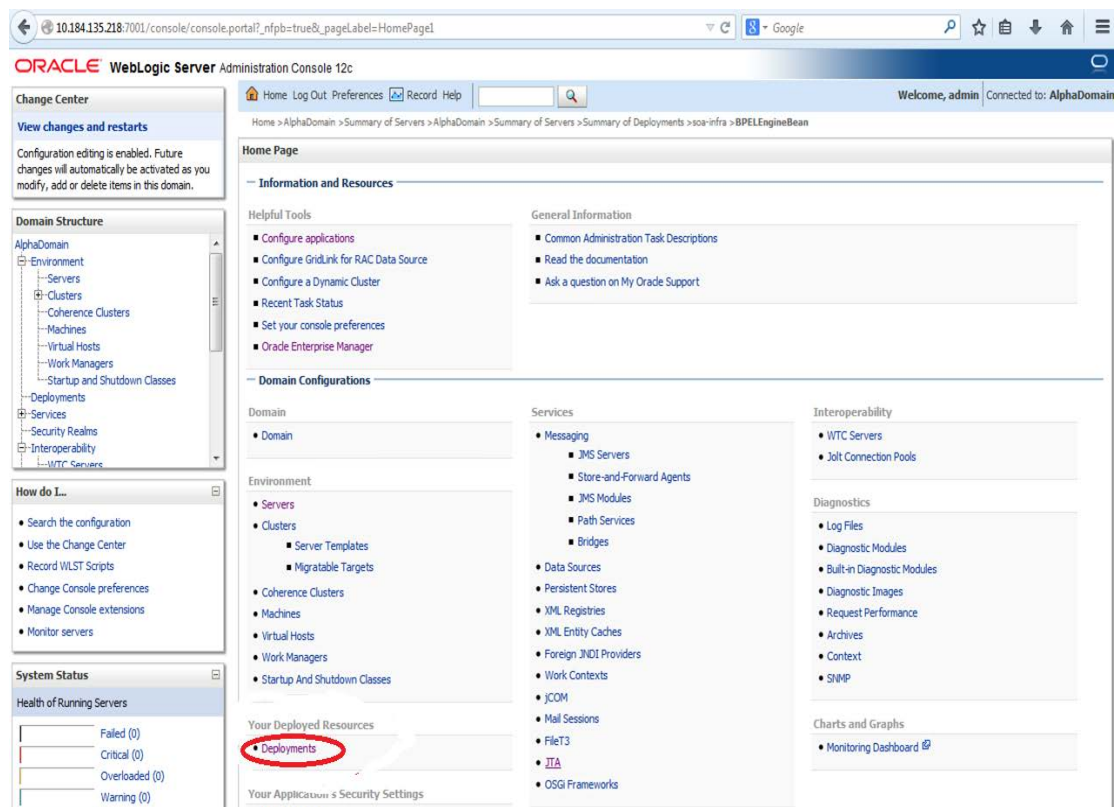
13. Navigate to SOA Administration ->Workflow Properties



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

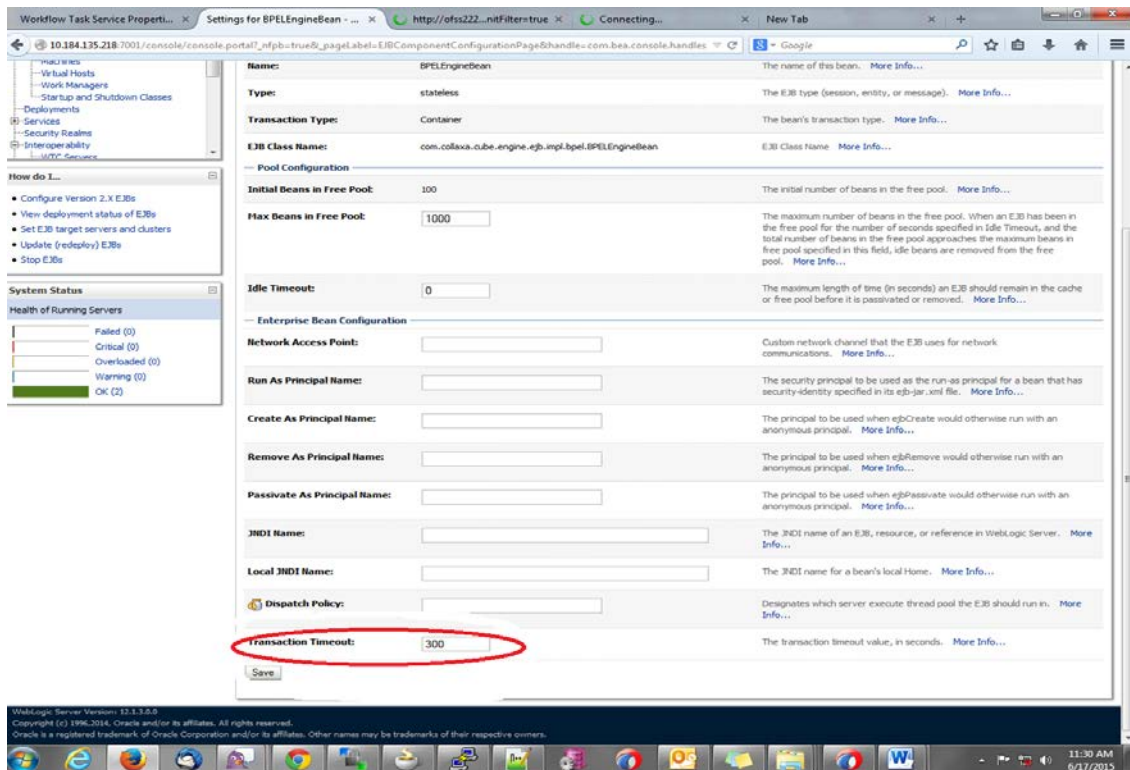


3. Click on SOA_INFRA Application under deployments.

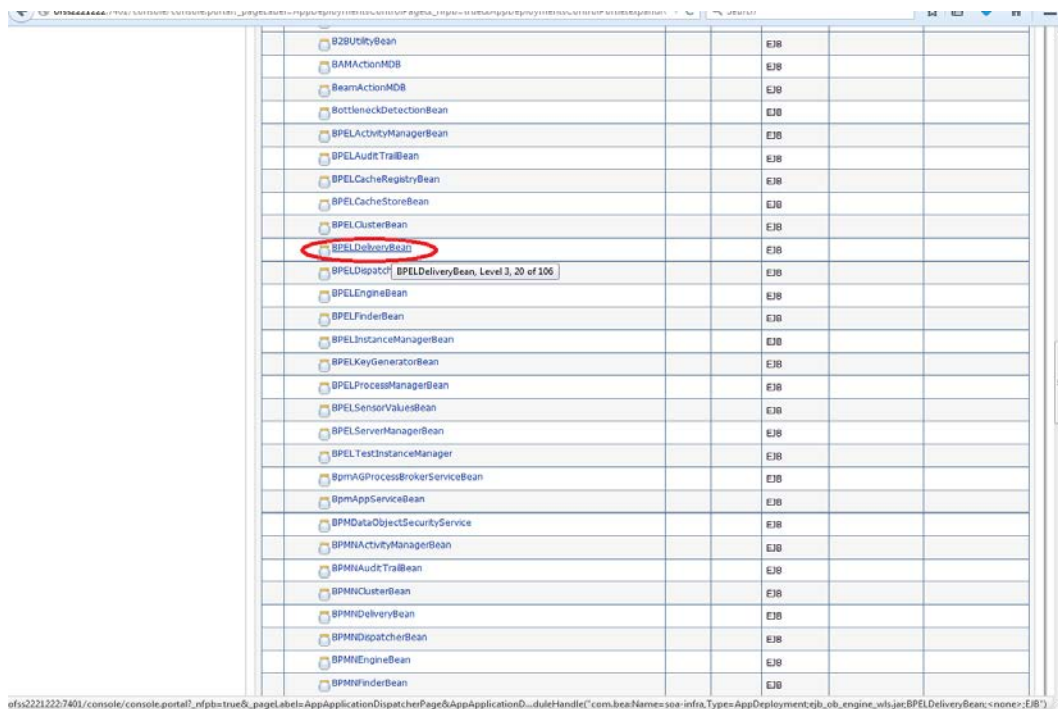
Name	State	Health	Type	Targets	Deployment Order
oracle.wsm.console.core.view(1.0,12.1.3.0)	Active		Library	AdminServer	311
oracle.wsm.cepolicies(2.0,12.1.3)	Active		Library	AdminServer, BAMServer, SOAServer	100
OracleAppsAdapter	Active	OK	Resource Adapter	SOAServer	320
OracleBPMAdapter	Installed		Resource Adapter		320
OracleBPMAServerApp	Active	OK	Enterprise Application	SOAServer	381
OracleBPMComposerRolesApp	Active	OK	Enterprise Application	SOAServer	382
OracleBPMProcessRolesApp	Active	OK	Enterprise Application	SOAServer	381
OracleBPMWorkspace	Active	OK	Enterprise Application	SOAServer	383
ora18n-sd(11,11.1.1.1.0)	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-wsdlapp	Active	OK	Enterprise Application	SOAServer	360
soa-em	Active		Library	AdminServer	100
SocketAdapter	Installed		Resource Adapter		326
state-management-provider-memory-rar-12.1.3	Active	OK	Resource Adapter	AdminServer, BAMServer, SOAServer	100
UIX(11,12.1.3.0.0)	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



The screenshot shows the Oracle WebLogic Server console interface. On the left, there is a sidebar with 'How do I...' and 'System Status' sections. The main area displays the configuration for the 'BPELDeliveryBean'. The 'Type' is 'stateless', 'Transaction Type' is 'Container', and 'EJB Class Name' is 'com.collaxa.cube.engine.ejb.bpel.BPELDeliveryBean'. Under 'Pool Configuration', 'Initial Beans in Free Pool' is 200 and 'Max Beans in Free Pool' is 1000. The 'Idle Timeout' is 0. The 'Enterprise Bean Configuration' section includes fields for 'Network Access Point', 'Run As Principal Name', 'Create As Principal Name', 'Remove As Principal Name', 'Passivate As Principal Name', 'JNDI Name', and 'Local JNDI Name'. The 'Dispatch Policy' is set to 'Default'. The 'Transaction Timeout' is highlighted with a red circle and set to 1800 seconds. A 'Save' button is at the bottom.

Type:	stateless	The EJB type (session, entity, or message). More Info...
Transaction Type:	Container	The bean's transaction type. More Info...
EJB Class Name:	com.collaxa.cube.engine.ejb.bpel.BPELDeliveryBean	EJB Class Name More Info...
Pool Configuration		
Initial Beans in Free Pool:	200	The initial number of beans in the free pool. More Info...
Max Beans in Free Pool:	1000	The maximum number of beans in the free pool. When an EJB has been in the free pool for the number of seconds specified in Idle Timeout, and the total number of beans in the free pool approaches the maximum beans in free pool specified in this field, idle beans are removed from the free pool. More Info...
Idle Timeout:	0	The maximum length of time (in seconds) an EJB should remain in the cache or free pool before it is passivated or removed. More Info...
Enterprise Bean Configuration		
Network Access Point:		Custom network channel that the EJB uses for network communications. More Info...
Run As Principal Name:		The security principal to be used as the run-as principal for a bean that has security-identity specified in its ejb-jar.xml file. More Info...
Create As Principal Name:		The principal to be used when ejbCreate would otherwise run with an anonymous principal. More Info...
Remove As Principal Name:		The principal to be used when ejbRemove would otherwise run with an anonymous principal. More Info...
Passivate As Principal Name:		The principal to be used when ejbPassivate would otherwise run with an anonymous principal. More Info...
JNDI Name:		The JNDI name of an EJB, resource, or reference in WebLogic Server. More Info...
Local JNDI Name:		The JNDI name for a bean's local home. More Info...
Dispatch Policy:		Designates which server execute thread pool the EJB should run in. More Info...
Transaction Timeout:	1800	The transaction timeout value, in seconds. More Info...

WebLogic Server Version: 12.1.3.0.0

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. The left sidebar contains navigation links: Change Center, Domain Structure (dev_domain, Environment, Deployments, Services, Security Realms, Interoperability, Diagnostics), How do I... (Configure domain JTA options, Configure advanced domain JTA options), and System Status (Health of Running Servers: Failed (0), Critical (0), Overloaded (0), Warning (0), OK (4)).

The main content area is titled 'Settings for dev_domain' and has tabs for Configuration, Monitoring, Control, Security, Web Service Security, and Notes. The 'Configuration' tab is active, with 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 description: 'Use this page to define the Java Transaction API (JTA) configuration of this WebLogic Server domain.'

The configuration table lists several parameters:

Parameter	Value	Description
Timeout Seconds:	3600	Specifies the maximum amount of time, in seconds, an active transaction is allowed to be in the first phase of a two-phase commit transaction. If the specified amount of time expires, the transaction is automatically rolled back. More Info...
Abandon Timeout Seconds:	86400	Specifies the maximum amount of time, in seconds, a transaction manager persists in attempting to complete the second phase of a two-phase commit transaction. More Info...
Before Completion Iteration Limit:	10	The maximum number of cycles that the transaction manager performs the beforeCompletion synchronization callback for this WebLogic Server domain. More Info...
Max Transactions:	10000	The maximum number of simultaneous in-progress transactions allowed on a server in this WebLogic Server domain. More Info...
Max Unique Name Statistics:	1000	The maximum number of unique transaction names for which statistics are maintained. More Info...
Checkpoint Interval Seconds:	300	The interval at which the transaction manager creates a new transaction log file and checks all old transaction log files to see if they are ready to be deleted. More Info...
<input type="checkbox"/> Write recovery logs when determiners configured		Indicates two-phase transaction recovery logs are written even if one or more determiners are configured. More Info...
Determiners:		Specifies a list of one or more transaction resources (determiners) separated by line breaks. A determiner's in-doubt transaction records are used during transaction recovery when a TLog is not present. More Info...
<input checked="" type="checkbox"/> Forget Heuristics		Specifies whether the transaction manager automatically performs an XA Resource forget operation for heuristic transaction completions. More Info...

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) - ... Settings for AlphaDomain - Alp... http://ofss222...nitFilter=true Connecting... New Tab

10.184.135.218:7001/em/faces/ai/soa/infra?_af-Page-Id=11&target=%2FDomain_AlphaDomain%2FAlphaDomain%2FsoaServer%2Fsoa-infra Google

ORACLE Enterprise Manager Fusion Middleware Control 12c

WebLogic Domain

Target Navigation

View

- Application Deployments
- SOA
 - soa-infra (5)
 - default
 - Home
 - Monitoring
 - Logs
 - SOA Deployment
 - Manage Partitions
 - Work Manager Groups
 - Resequencing Groups
 - Service Engines
 - Bindings
 - Services and References
 - Business Events
 - SOA Administration
 - Common Properties
 - BPML Properties
 - BPMN Properties
 - Mediator Properties
 - Workflow Properties
 - B2B Server Properties
 - Cross References
 - Token Configurations
 - Auto Purge
 - Security
 - Administration
 - Target Information
 - CRPClosureProcess [1.0]
 - CRPProcess [1.0]
 - CRPProcess [2.0]
 - CurrentAccountCreationWithCreditFacility
 - DBUtility [1.0]
 - DBUtility [2.0]
 - DisburseFCUBSORRetailLoanContract [1.0]
 - EQFXProcess [1.0]
 - EXPProcess [1.0]
 - ExternalValuation [2.0]
 - InitiateFCUBSORRetailLoanPayment [1.0]
 - InitiateKYCCheckFCUBSORService [1.0]
 - InitiateRetailLoanContractFCUBSORService [1.0]
 - InitiateRetailLoanPaymentFCUBSORService [1.0]
 - InitiateRiskEvaluationFCUBSORService [1.0]
 - KYCCheck [2.0]
 - KYCCorporateReview [2.0]
 - KYCReview [2.0]
 - LimitReview [1.0]
 - OpenCurrentAccount [2.0]
 - OpenRetailTermDeposit [1.0]

soa-infra

Logged in as admin | ofss220692.in.oracle.com
Page Refreshed Jun 17, 2015 11:36:01 AM IST

Dashboard Deployed Composites Flow Instances Error Hospital

Key Configuration

Profile: **BPM BASIC**
Instance Tracking: **Production**
Default Query Duration: **Last 24 Hours**
Auto Purge: **Enabled**

Business Transaction Faults

Last* 24 Hours

Refresh region to show the latest data. Click graph to drill down.

Composites and Adapters Availability

SOAServer

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:

- BPML Invoke --
- BPML Callback --
- Mediator Parallel Routing --

11:36 AM 6/17/2015

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

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

ORACLE Enterprise Manager Fusion Middleware Control 12c

WebLogic Domain

Change Center

Changes Recording

Target Navigation

View

- Application Deployments
- SOA
 - soa-infra (SOA Server)
 - default
 - AmendFCUBSORNFRetailLoanContract [1.0]
 - AmendFCUBSORRetailLoanContract [1.0]
 - AmendRetailLoanContractFCUBSORService [1.0]
 - BIPUtility [1.0]
 - BPCLCRPProcess [1.0]
 - BPCLCRPProcess [1.0]
 - bpelcvnprocess [1.0]
 - BPCLLimitReview [1.0]
 - CIBLProcess [1.0]
 - CloseFCUBSORRetailLoanContract [1.0]
 - CloseRetailLoanContractFCUBSORService [1.0]
 - COLLATProcess [1.0]
 - CRDProcess [1.0]
 - CreditBureauBPCL [1.0]
 - CreditBureauHandler [1.0]
 - CRPClosureProcess [1.0]
 - CRPProcess [1.0]
 - CRPProcess [2.0]
 - CurrentAccountCreationWithCreditFacility [1.0]
 - DBUtility [1.0]
 - DBUtility [2.0]
 - DisburseFCUBSORRetailLoanPayment [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

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

System MBean Browser

Application Defined MBeans: BPCLConfig: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 MaximumNumberOfInvokeMessages	a separate location from the rest of the instance scope data specify the number of invoke messages that can be kept in the in-memory cache, once the engine hits this limit, it would push the message to dispatcher in-memory cache, instead it would save the message in the db and these saved messages can be recovered using recovery job, you can use value -1 to disable	RW 100000
23 MaxRecoverAttempt	This value specifies the maximum number of times an invoke or callback or activity will be recovered	RW 2
24 MinBPCLWait	The minimum time duration for BPCL to do a real wait that involves a dehydration	RW 2
25 objectName	The MBean's unique JMX name	R oracle.as.soainfra.confign
26 OneWayDeliveryPolicy	Changes whether the one-way invocation messages are delivered	RW async.persist
27 QualityOfService	flag to enable or disable coherence cache for bpel service engine. use CacheEnabled for enabling coherence.	RW DirectWrite
28 QualityOfServiceAuditStorePolicyUsed	flag to enable or disable coherence cache for bpel service engine when auditStorePolicy is set to async	RW false
29 QualityOfServiceOneWayDeliveryPolicy	flag to enable or disable coherence cache for bpel service engine when OneWayDeliveryPolicy is set to async	RW false
30 ReadOnly	If true, it indicates that this MBean is a read only MBean.	R false
31 RecoveryConfig	Recovery Configuration	RW javax.management.openmbe
32 RecurringMaxMessageRaiseSize	Number of messages to recover during recurring recovery	RW 50
33 RestartNeeded	Indicates whether a restart is needed.	R false
34 SpecCompliance	Sets how the implementation is compliant to the spec	RW suggest
35 StartupMaxMessageRaiseSize	Number of messages to recover during startup recovery	RW 50
36 StatsLastN	The size of the "most recently processed" request list	RW -1
37 SyncMaxWaitTime	The maximum time a request/response operation will take before it times out. The default value is 45 seconds.	RW 45
38 SystemMBean	If true, it indicates that this MBean is a System MBean.	R false
39 ValidateXML	If set to "true" the engine will apply schema validation for incoming and outgoing xml documents. The default value "false".	RW false
40 Version	version of the config file	R 11.1.0
41 Visible	If true, it indicates that this MBean is visible to current user.	R true

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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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