

Setting up Plug-Ins
Oracle FLEXCUBE Universal Banking
Release 12.5.0.0.0
[September] [2017]



Table of Contents

1.	SETTING UP PLUG-INS	1-2
1.1	INTRODUCTION	1-2
1.2	INTEGRATING ORACLE FLEXCUBE UBS AND BPEL	1-2
1.2.1	<i>Custom Provider Configuration</i>	<i>1-2</i>
1.2.2	<i>Configuring libovd for single Entity</i>	<i>1-6</i>
1.2.3	<i>Configuring libovd for MultiEntity</i>	<i>1-7</i>
1.2.4	<i>Configuring for Multiple Providers for Multiple Entities</i>	<i>1-8</i>
1.2.5	<i>Configuring DBAdapter.....</i>	<i>1-18</i>
1.2.6	<i>Configuring JMS Adapter.....</i>	<i>1-20</i>
1.2.7	<i>Configuring FTP Adapter.....</i>	<i>1-53</i>
1.2.8	<i>BIP Interactive reports configuration.....</i>	<i>1-55</i>
1.2.9	<i>BAM Report Configuration settings.....</i>	<i>1-68</i>
1.2.10	<i>IPM configuration to edit the document</i>	<i>1-82</i>
1.2.11	<i>Configuring Supervisor Roles in EM</i>	<i>1-87</i>
1.2.12	<i>Email Driver Configuration.....</i>	<i>1-91</i>
1.2.13	<i>TimeOut Settings for BPEL.....</i>	<i>1-94</i>
1.3	INTEGRATING ORACLE FLEXCUBE UBS AND SCHEDULER	1-102
1.3.1	<i>Running Backend Scripts</i>	<i>1-102</i>
1.4	INTEGRATING ORACLE FLEXCUBE UBS AND BIP REPORTS.....	1-102
1.4.1	<i>Deploying Application Through Application Server's Admin Console</i>	<i>1-102</i>
1.5	INTEGRATING ORACLE FLEXCUBE UBS AND MBEAN	1-102
1.5.1	<i>Startup Script Modification</i>	<i>1-102</i>

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 'FCJJPSPProvider.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 inside the BPELbuild folder under SOURCE directory. Copy this file to <ORACLE_HOME>\wserver\server\lib\mbeantypes on the application server host.
2. Restart the Admin Server
3. Login to the Console
4. Click on Security Realms.

The screenshot displays the Oracle WebLogic Server Administration Console interface. The main content area is titled 'Home Page' and 'Summary of Security Realms'. It features several sections: 'Information and Resources' with helpful tools like 'Configure applications' and 'Configure GridLink for RAC Data Source'; 'Domain Configurations' showing a tree view of the domain structure; 'Services' listing various components like JMS Servers and Path Services; 'Interoperability' with WTC Servers and Jolt Connection Pools; 'Diagnostics' including Log Files and Diagnostic Modules; and 'Charts and Graphs' with a Monitoring Dashboard. A 'System Status' sidebar on the left shows the health of running servers, with all indicators in the 'OK' state. The footer contains version information and copyright details for Oracle Corporation.

5. Click on myrealm.

Oracle WebLogic Server Administration Console 12c

Home > Summary of Security Realms

Summary of Security Realms

A security realm is a container for the mechanisms—including users, groups, security roles, security policies, and security providers—that are used to protect WebLogic resources. You can have multiple security realms in a WebLogic Server domain, but only one can be set as the default (active) realm.

This Security Realms page lists each security realm that has been configured in this WebLogic Server domain. Click the name of the realm to explore and configure that realm.

Customize this table

Realms (Filtered - More Columns Exist)

Name ↕	Default Realm
myrealm	true

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

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

Oracle WebLogic Server Administration Console 12c

Home > Summary of Security Realms > myrealm > Providers > FCJCustomProvider > Providers

Create a New Authentication Provider

The following properties will be used to identify your new Authentication Provider.

* Indicates required fields

The name of the authentication provider.

* Name: FCJCustomProvide

This is the type of authentication provider you wish to create.

Type: FCUBSUserAuthenticator

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

- 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)

Messages

Create operation canceled - no Authentication Providers created.

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 FLEXCUBE users	FCUBS 12.1
Trust Service Identity Asserter	Trust Service Identity Assertion Provider	1.0
DefaultAuthenticator	WebLogic Authentication Provider	1.0
DefaultIdentityAsserter	WebLogic Identity Assertion provider	1.0

New Delete Reorder

Showing 1 to 4 of 4 Previous Next

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

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...?

- Re-order Authentication providers
- Set the JAAS control flag

System Status

Health of Running Servers

Failed (0)

Critical (0)

Overloaded (0)

Warning (0)

OK (3)

Messages

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:

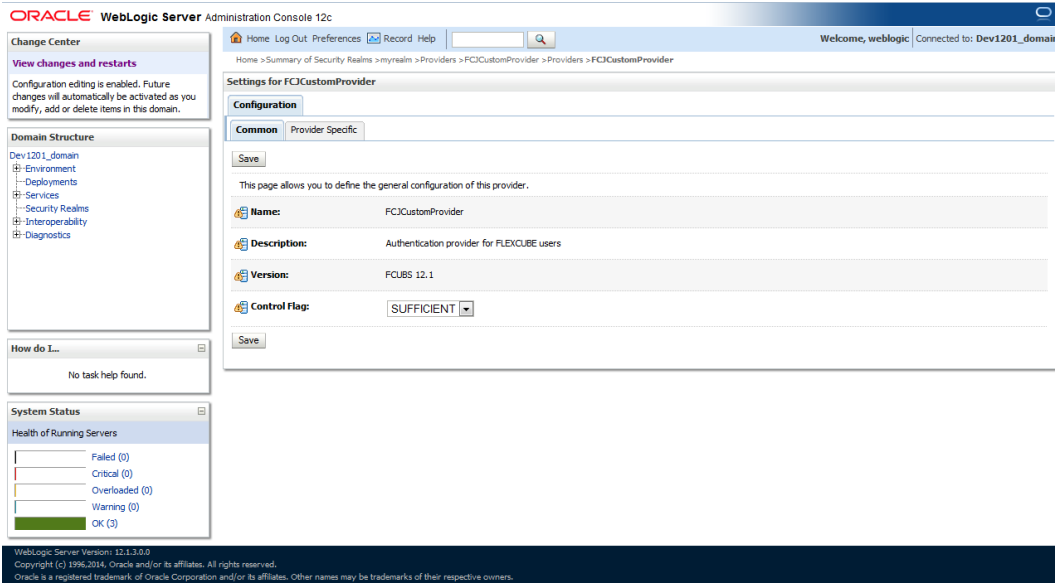
Available:

- FCJCustomProvider
- Trust Service Identity Asserter
- DefaultAuthenticator
- DefaultIdentityAsserter

OK Cancel

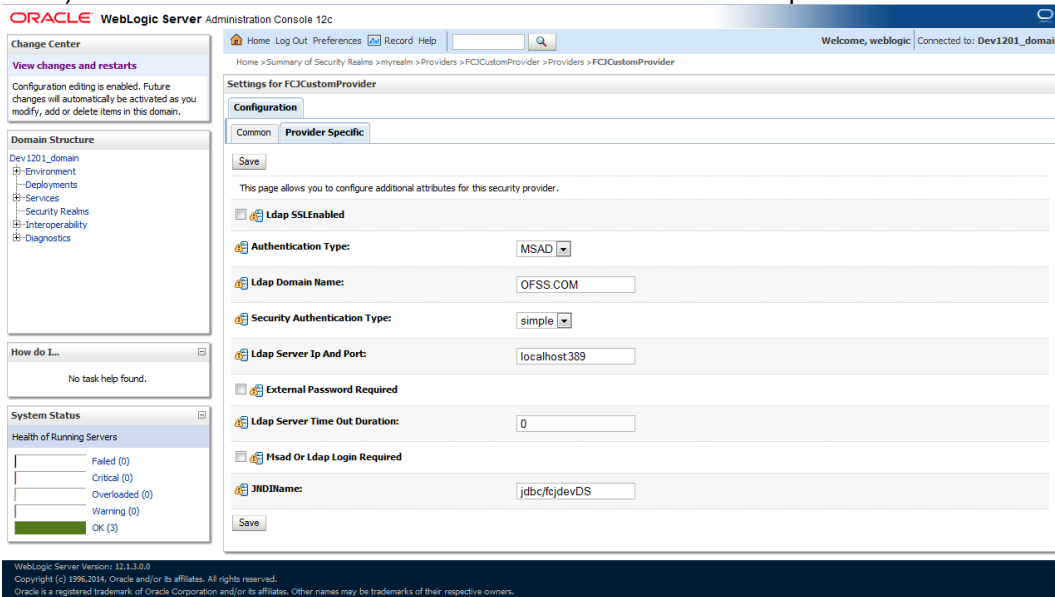
WebLogic Server Version: 12.1.3.0.0
Copyright (c) 1996-2014, Oracle and/or its affiliates. All rights reserved.
Oracle is a registered trademark of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.

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



11. In Provider Specific tab

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



12. For manually editing the config.xml go to

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

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

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

```

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

```

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

1.2.2 Configuring libovd for single Entity

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

1. Along with the Oracle FLEXCUBE UBS EAR file, the Installer creates 'FCJJSPProvider.jar' file inside the BPELbuild folder under SOURCE directory.
2. On the application server host, create a folder by name 'classes' at the location '<MIDDLEWARE_HOME>soa\soa\modules\oracle.soa.ext_11.1.x'.
3. Extract the file 'FCJJSPProvider.jar' and from the extracted content, copy the folder 'com' to: '<MIDDLEWARE_HOME>soa\soa\modules\oracle.soa.ext_11.1.x\classes'.
4. Navigate to the location '<MIDDLEWARE_HOME>soa\soa\modules\oracle.soa.ext_11.1.x\classes\com\ofss\fcc\bpel\cac'. Edit the properties file 'CISProperties.properties' and update 'JNDI.name' with the JNDI name same as Entity Name given in Multi Entity Names screen while creating property file 'fcubs.properties', e.g. 'jdbc/fcjdevDS'.
5. Copy 'FCJJSPProvider.jar' to '<MIDDLEWARE_HOME>/user_projects/domains/<domain_name>/config/fmwconfig/ovd/plugins/lib'. Create the directory structure if it does not exists.
6. Copy the fcubs_adapter.xml to '<MIDDLEWARE_HOME>/oracle_common/modules/oracle.ovd/templates/'



fcubs_adapter.xml

7. Search for param name="DataSource" in fcubs_adapter.xml and update its value with FCUBS Datasource name, e.g. updated parameter would look like <param_name="DataSource" value="jdbc/fcjdevDS"/>.
8. Set environment variables in the command prompt, e.g. for linux shell,

```

export ORACLE_HOME=/scratch/app/bpm12212(setting ORACLE_HOME)
export WL_HOME=/scratch/app/bpm12212/wlserver(setting WL_HOME)
export JAVA_HOME=/scratch/work_area/DBA/jdk1.8.0_131 (setting JAVA_HOME)

```

- Execute “libovdadapterconfig” script which is present in ‘<MIDDLEWARE_HOME>/oracle_common/bin’ with below parameters. Provide the below arguments with values for admin server host name or ip ,admin server port ,weblogic user id, domain home and fcubs datasource.

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

- Once the above steps are completed, i.e. “Adapter created successfully: fcubsAdapter” message is displayed, restart the server.

1.2.3 **Configuring libovd for MultiEntity**

- Continue step 1 to step5 from 1.2.2 section.
- In the following steps replace the <EntityId> tag with the proper Entity name.
- Copy the fcubs_adapter_<EntityId>.xml to ‘<MIDDLEWARE_HOME>/oracle_common/modules/oracle.ovd/templates/



fcubs_adapter_ EntityId.xml

- Search for <FCUBSDATASOURCE> in fcubs_adapter_< EntityId>.xml and update it with fcubs Datasource with the mapped Datasource for the entity in the property file.

Ex:<param name="DataSource" value="<FCUBSDATASOURCE>"/>

- Search for UserIdPattern Parameter and Update the value for OU to the entity name.

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

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

EX: <param name="MultiEntityEnabled" value="true"/>

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

EX:<param name="EntityId" value=" < EntityId >"/>

- Execute “libovdadapterconfig” script which is present in ‘<MIDDLEWARE_HOME>/oracle_common/bin’ with below parameters.Update the admin server host name or ip ,admin server port ,weblogic user id,domain home ,root and fcubs datasource

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


9. Repeat from step2 to step7 for each entity creation
10. Once the above steps are completed, restart the server.

Note:- for any misconfiguration in libovd

We can delete the existing fcubsAdapter and re run the ./libovdadapterconfig.sh

For deleting fcubsAdapter use the below command:

Log in to the WSLT console by running the WLST script. For example: MW_HOME/oracle_common/common/bin/wlst.sh (UNIX) MW_HOME/oracle_common\common\bin\wlst.cmd (Windows) Connect to your Administration Server using the following syntax: connect ('<WLS admin user name>', '<WLS admin password>', 't3://<admin server host>:<admin server port>') For example: connect('weblogic', 'weblogic', 't3://myserver:7001') Delete the misconfigured adapter using the following syntax: deleteAdapter(adapterName='fcubsAdapter')

1.2.4 Configuring for Multiple Providers for Multiple Entities

1. Login to the Adminserver.
2. Click on security Realms.

The screenshot displays the Oracle WebLogic Administration Console interface. On the left, the 'Domain Structure' tree shows the hierarchy: soa_domain > Domain Partitions > Environment > Security Realms. Below this, the 'System Status' section shows the health of running servers, with all servers in an 'OK' state. The main content area is titled 'Information and Resources' and contains several sections: 'Helpful Tools' (with links like 'Configure applications'), 'Domain Configurations' (listing Domain, Domain Partitions, Environment, etc.), 'Resource Group Templates', 'Resource Groups', 'Deployed Resources', 'Services', and 'Application's Security Settings'. The 'Application's Security Settings' section is expanded, and 'Security Realms' is highlighted with a red box. Other sections include 'General Information', 'Interoperability', 'Diagnostics', and 'Charts and Graphs'. The footer of the console shows 'WebLogic Server Version: 12.2.1.0.0' and copyright information.

3. Click on myrealms.

The screenshot displays the Oracle WebLogic Server Administration Console 12c interface. The main content area is titled "Summary of Security Realms". It includes a "Change Center" sidebar on the left with a "View changes and restarts" button and a "Domain Structure" tree where "Security Realms" is selected. Below the sidebar is a "How do I..." section with links for configuring, enabling, deleting, and changing security realms. The "System Status" section shows the health of running servers, with 3 servers in an "OK" state. The main content area contains a "Summary of Security Realms" section with an explanatory paragraph and a "Customize this table" link. Below this is a table titled "Realms (Filtered - More Columns Exist)" with columns for "Name" and "Default Realm". The table lists one realm, "myrealm", with a "true" value for "Default Realm".

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
soa_domain
├─ Domain Partitions
├─ Environment
├─ Deployments
├─ Services
├─ **Security Realms**
├─ Interoperability
└─ Diagnostics

How do I...

- Configure new security realms
- Enable automatic realm restart
- Delete security realms
- Change the default security realm

System Status
Health of Running Servers

Failed	(0)
Critical	(0)
Overloaded	(0)
Warning	(0)
OK	(3)

Summary of Security Realms

A security realm is a container for the mechanisms—including users, groups, security roles, security policies, and security providers—that are used to protect WebLogic resources. You can have multiple active security realms in a WebLogic Server domain, but only one can be set as the default security realm, which is reserved for domain administrative purposes.

This Security Realms page lists each security realm that has been configured in this WebLogic Server domain. Click the name of the realm to explore and configure that realm.

Customize this table

Realms (Filtered - More Columns Exist)

Name	Default Realm
myrealm	true

10.184.133.168:7401/console/console.portal?_nfpb=true&_pageLabel=RealmgeneralTabPage&SecurityRealmRealmGe...bea.console.handles.SecurityMBeanHandle("Security:Name=myrealm;weblogic.management.security.RealmMBean")

4. Click on Providers.

ORACLE WebLogic Server Administration Console 12c

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

- soa_domain
 - Domain Partitions
 - Environment
 - Deployments
 - Services
 - Security Realms
 - Interoperability
 - Diagnostics

How do I...

- Configure new security realms
- Enable automatic realm restart
- Manage security for Web applications and EJBs
- Set the default security model
- Delegate MBean authorization to the realm

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

General RBMS Security Store User Logout Performance Providers-Tab

Save

Use this page to configure the general behavior of this security realm.

Note: If you are implementing security using JACC (Java Authorization Contract for Containers as defined in JSR 115), you must use the DD Only security model. Other WebLogic Server models are not available and the security functions for Web applications and EJBs in the Administration Console are disabled.

Name: myrealm The name of this security realm. More Info...

Security Model Default: DD Only Specifies the default security model for Web applications or EJBs that are secured by this security realm. You can override this default during deployment. More Info...

Combined Role Mapping Enabled Determines how the role mappings in the Enterprise Application, Web application, and EJB containers interact. This setting is valid only for Web applications and EJBs that use the Advanced security model and that initialize roles from deployment descriptors. More Info...

Use Authorization Providers to Protect JMX Access Configures the WebLogic Server MBean servers to use the security realm's Authorization providers to determine whether a JMX client has permission to access an MBean attribute or invoke an MBean operation. More Info...

Automatically Restart After Non-Dynamic Changes Specifies whether the Realm will be auto-restarted if non-dynamic changes are made to the realm or providers within the realm. More Info...

Retire Timeout: 60 Specifies the retire timeout for a realm that is restarted. The old realm will be shutdown after the specified timeout period has elapsed. More Info...

Advanced

Save

WebLogic Server Version: 12.2.1.0.0
 Copyright (c) 1996-2012, Oracle and/or its affiliates. All rights reserved.
 Oracle is a registered trademark of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.

5. Click on New

ORACLE WebLogic Server Administration Console 12c

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

Home > myrealm > Providers > FCUBS > Summary of Security Realms > myrealm > Summary of Security Realms > myrealm > Summary of Security Realms > myrealm > Providers

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

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.

Customize this table

Authentication Providers

New Delete Reorder Showing 1 to 4 of 4 Previous Next

Name	Description	Version
FCUBS	Authentication provider for FLEXCUBE users	FCUBS 12.2
Trust Service Identity Asserter	Trust Service Identity Assertion Provider	1.0
DefaultAuthenticator	WebLogic Authentication Provider	1.0
DefaultIdentityAsserter	WebLogic Identity Assertion provider	1.0

New Delete Reorder Showing 1 to 4 of 4 Previous Next

WebLogic Server Version: 12.2.1.0.0
 Copyright (c) 1996-2015, Oracle and/or its affiliates. All rights reserved.
 Oracle is a registered trademark of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.

- Enter the Name with proper Entity Name(entity name we mapped in propertyfile) and select the type as FCUBSUserAuthenticator

The screenshot shows the Oracle WebLogic Server Administration Console interface. The main window is titled "Create a New Authentication Provider". It contains the following elements:

- Change Center:** A sidebar on the left with a "View changes and restarts" section and a "Domain Structure" tree showing a hierarchy from "soa_domain" down to "Diagnostics".
- How do I...:** A section with links for "Manage security providers" and "Configure Authentication and Identity Assertion providers".
- System Status:** A section titled "Health of Running Servers" showing a bar chart with categories: Failed (0), Critical (0), Overloaded (0), Warning (0), and OK (3).
- Main Content Area:**
 - Buttons for "OK" and "Cancel" at the top.
 - Section "Create a new Authentication Provider" with a note: "The following properties will be used to identify your new Authentication Provider. * Indicates required fields".
 - Text: "The name of the authentication provider." followed by a text input field labeled "Name:" containing "ENTITYID". This field is highlighted with a red rectangular box.
 - Text: "This is the type of authentication provider you wish to create." followed by a dropdown menu labeled "Type:" set to "FCUBSUserAuthenticator".
 - Buttons for "OK" and "Cancel" at the bottom.

At the bottom of the console, there is a footer with the text: "WebLogic Server Version: 12.1.1.0.0. Copyright (c) 1996-2015, Oracle and/or its affiliates. All rights reserved. Oracle is a registered trademark of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners."

7. Click on Reorder. Bring the Authentication provider the first in the order and click ok.

ORACLE WebLogic Server Administration Console 12c

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

Home > FCUBS > Summary of Security Realms > myrealm > Summary of Security Realms > myrealm > Summary of Security Realms > Providers > ENTITYYID > Providers

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
soa_domain
- Domain Partitions
- Environment
- Deployments
- Services
- Security Realms
- Interoperability
- Diagnostics

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

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

Reorder Authentication Providers
OK Cancel

Reorder Authentication Providers
You can reorder your Authentication Providers using the list below. By reordering Authentication Providers, you can alter the authentication sequence.
Select authenticator(s) in the list and use arrows to move them up and down in the list.

Authentication Providers:
Available:
 ENTITYYID
 FCUBS
 Trust Service Identity Asse
 DefaultAuthenticator
 DefaultIdentityAsserter

OK Cancel

WebLogic Server Version: 12.2.1.0.0
Copyright (c) 1996-2015, Oracle and/or its affiliates. All rights reserved.
Oracle is a registered trademark of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.

8. Click the Provider that we have created.

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help Welcome, weblogic Connected to: soa_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
soa_domain
Domain Partitions
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

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.

Customize this table

Authentication Providers

New Delete Reorder Showing 1 to 5 of 5 Previous Next

Name	Description	Version
ENTITYID	Authentication provider for FLEXCUBE users	FCUBS 12.2
FCUBS	Authentication provider for FLEXCUBE users	FCUBS 12.2
Trust Service Identity Asserter	Trust Service Identity Assertion Provider	1.0
DefaultAuthenticator	WebLogic Authentication Provider	1.0
DefaultIdentityAsserter	WebLogic Identity Assertion provider	1.0

New Delete Reorder Showing 1 to 5 of 5 Previous Next

WebLogic Server Version: 12.2.1.0.0
 Copyright (c) 1996, 2015, Oracle and/or its affiliates. All rights reserved.
 Oracle is a registered trademark of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.

10.184.133.168:7401/console/console.portal?_nfpb=true&DispatcherPortletperspective=configuration&_pageLabel=...viders.authentication.FCUBSUserAuthenticatorMBean%22%29&DispatcherPortletproviderType=AuthenticationProvider

9. In comman tab select the control flag as SUFFICIENT from the list and click on save.

The screenshot displays the Oracle WebLogic Server Administration Console 12c interface. The main content area is titled "Settings for ENTITYYID" and features a "Configuration" section with two tabs: "Common" (selected) and "Provider Specific". The "Common" tab contains a "Save" button and a descriptive text: "This page allows you to define the general configuration of this provider." Below this, several configuration fields are visible: "Name" is set to "ENTITYYID", "Description" is "Authentication provider for FLEXCUBE users", "Version" is "FCUBS 12.2", and "Control Flag" is set to "SUFFICIENT" with a dropdown arrow. A second "Save" button is located at the bottom of the configuration area.

On the left side of the console, there are three panels: "Change Center" with a "View changes and restarts" link and a note about configuration editing; "Domain Structure" showing a tree view of the domain hierarchy including "soa_domain", "Domain Partitions", "Environments", "Deployments", "Services", "Security Realms", "Interoperability", and "Diagnostics"; and "System Status" showing the "Health of Running Servers" with a bar chart indicating 0 Failed, 0 Critical, 0 Overloaded, 0 Warning, and 3 OK servers.

The top navigation bar includes "Home", "Log Out", "Preferences", "Record", and "Help" menus, along with a search field and a user status indicator "Welcome, weblogic | Connected to: soa_d". The breadcrumb trail reads: "Home > Summary of Security Realms > myrealm > Summary of Security Realms > myrealm > Providers > ENTITYYID > Providers > ENTITYYID > Providers > ENTITYYID".

At the bottom of the console, a footer bar contains the following text: "WebLogic Server Version: 12.2.1.0.0. Copyright (c) 1996-2015, Oracle and/or its affiliates. All rights reserved. Oracle is a registered trademark of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners."

10. Select the provider specific tab .

ORACLE WebLogic Server Administration Console 12c

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

Home > Summary of Security Realms > myrealm > Summary of Security Realms > myrealm > Providers > ENTITYYID > Providers > ENTITYYID > Providers > ENTITYYID

Settings for ENTITYYID

Configuration

Common Provider Specific

Save

This page allows you to configure additional attributes for this security provider.

Ldap Server Ip And Port: localhost389

JNDIName: jdbc/fejdevDS

External Password Required

Ldap Server Time Out Duration: 0

Multi Entity Enabled

Security Authentication Type: simple

Entity Id: ENT1

Ldap Domain Name: OFSS.COM

Ldap SSLEnabled

Msad Or Ldap Login Required

Authentication Type: MSAD

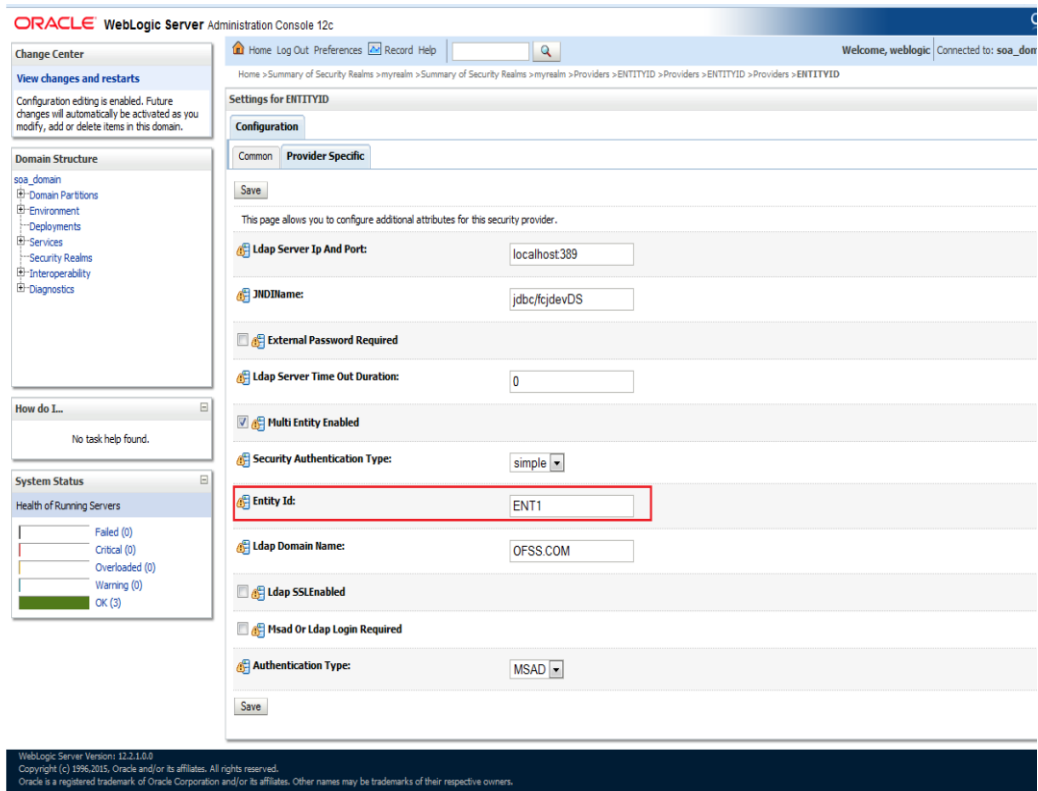
Save

WebLogic Server Version: 12.2.1.0.0
 Copyright (c) 1996-2015, Oracle and/or its affiliates. All rights reserved.
 Oracle is a registered trademark of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.

11. Change the JNDI name to the Datasource JNDI name which have mapped to the entity in the property file level and check the multi entity enabled checkbox.

The screenshot displays the Oracle WebLogic Server Administration Console interface. The main content area is titled "Settings for ENT1YID" and contains a "Configuration" section with "Common" and "Provider Specific" tabs. The "Provider Specific" tab is active, showing various configuration fields. The "Entity Id" field is highlighted with a red box and contains the value "ENT1". The "JNDIName" field is also highlighted with a red box and contains the value "jdbc/tjdevDS". The "Multi Entity Enabled" checkbox is checked and highlighted with a red box. The "Security Authentication Type" dropdown is set to "simple". The "Ldap Domain Name" field contains "OFSS.COM". The "Authentication Type" dropdown is set to "MSAD". The "Save" button is visible at the bottom of the configuration section. The left sidebar shows the "Domain Structure" tree with "soa_domain" expanded, and the "System Status" section showing the health of running servers.

12. Enter the EntityId with the Entity name which we created in the property file level and click on save



13. Create the new datasource for each entity with the JNDI name which we mapped in the property file.
14. Restart the Admin server
15. Continue the step1 to step15 for each provider creation in multientity scenario.

1.2.5 Configuring DBAdapter

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

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

Summary of Deployments

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

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

Customize this table

Name	State	Health	Type	Targets	Deployment Order
AgAdapter	Active	OK	Resource Adapter	soa_server1	324
b2bi	Active	OK	Enterprise Application	soa_server1	313
BamComposer	New		Enterprise Application	bam_server1	500
BamCQService	New		Enterprise Application	bam_server1	300
BamServer	New		Enterprise Application	bam_server1	400
BPMComposer	Active	OK	Enterprise Application	soa_server1	385
coherence-transaction-rar	Active	OK	Resource Adapter	AdminServer, bam_server1, soa_server1	100
CoherenceAdapter	Installed		Resource Adapter		331
DbAdapter	Active	OK	Resource Adapter	soa_server1	322
DefaultToDoTaskFlow	Active	OK	Enterprise Application	soa_server1	314
DMS Application (12.1.3.0.0)	Active	OK	Web Application	AdminServer, bam_server1, soa_server1	5
em	Active	OK	Enterprise Application	AdminServer	400
FCCBSApp (12.1.0.0)	Prepared	OK	Enterprise Application	soa_server1	500

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

Settings for DbAdapter

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

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

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

Outbound Connection Pool Configuration Table

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

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



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

16. Click 'DbAdapter' again. The new JNDI name is listed.

17. Click on the hyperlink 'eis/DB/FCCDEV'.

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: Dev1201_domain

Home > Summary of Deployments > DbAdapter

Settings for javax.resource.cci.ConnectionFactory

General Properties Transaction Authentication Connection Pool Logging

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

Outbound Connection Properties

Save Showing 1 to 8 of 8 Previous Next

Property Name	Property Type	Property Value	Supports Dynamic Updates
DataSourceName	java.lang.String	jdbc/fccdev05	false
DefaultChar	java.lang.Boolean	false	false
PlatformClassname	java.lang.String	org.eclpse.persistence.platform.database.Oracle10Platform	false
SequenceReallocationSize	java.lang.Integer	50	false
UsesBatchWriting	java.lang.Boolean	true	false
UsesNativeSequencing	java.lang.Boolean	true	false
UsesSkipLocking	java.lang.Boolean	true	false
XADataSourceName	java.lang.String		false

Save Showing 1 to 8 of 8 Previous Next

WebLogic Server Version: 12.1.2.0.0
Copyright (c) 1996, 2014, Oracle and/or its affiliates. All rights reserved.
Oracle is a registered trademark of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.

18. Click the 'Property Value' field for the 'DataSourceName' and update the application JNDI reference (given in 'fcubs.properties' file) and then press 'Enter' key.

19. Save and restart the Admin server.

1.2.6 Configuring JMS Adapter

Login in to console → Click on JMS Servers→New

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

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

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Welcome, admin Connected to: AlphaDomain

Home > AlphaDomain > Summary of JMS Servers

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

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

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

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

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

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

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

Domain
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

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



ORACLE WebLogic Server Administration Console 12c

Home > AlphaDomain > Summary of JMS Servers

Summary of JMS Servers

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

Customize this table

JMS Servers (Filtered - More Columns Exist)

New Delete Showing 1 to 8 of 8 Previous | Next

<input type="checkbox"/>	Name ↕	Persistent Store	Target	Current Target	Health
<input type="checkbox"/>	BamAlertEngineJmsServer	BamAlertEngineJmsFileStore	BAMServer	BAMServer	
<input type="checkbox"/>	BamCQServiceJmsServer_BAMServer	BamCQServiceJmsFileStore_BAMServer	BAMServer	BAMServer	
<input type="checkbox"/>	BamReportCacheJmsServer	BamReportCacheJmsFileStore	BAMServer	BAMServer	
<input type="checkbox"/>	BamServerJmsServer_BAMServer	BamServerJmsFileStore_BAMServer	BAMServer	BAMServer	
<input type="checkbox"/>	BPMJMServer	BPMJMSFileStore	SOAServer	SOAServer	OK
<input type="checkbox"/>	SOAJMServer	SOAJMSFileStore	SOAServer	SOAServer	OK
<input type="checkbox"/>	UMSJMServer_auto_1	UMSJMSFileStore_auto_1	BAMServer	BAMServer	OK
<input type="checkbox"/>	UMSJMServer_auto_2	UMSJMSFileStore_auto_2	SOAServer	SOAServer	OK

New Delete Showing 1 to 8 of 8 Previous | Next

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



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

The screenshot displays the Oracle WebLogic Server Administration Console 12c interface. The main window is titled "Create a New JMS Server" and is currently at the "JMS Server Properties" step. The wizard includes a progress bar with buttons for "Back", "Next", "Finish", and "Cancel". The "JMS Server Properties" section contains the following information:

- JMS Server Properties**: The following properties will be used to identify your new JMS Server. *Indicates required fields.
- What would you like to name your new JMS Server?**: The name field is populated with "FCUBS.JMSServer".
- Specify persistent store for the new JMS Server.**: The "Persistent Store" dropdown is set to "SOAJMSFileStore", with a "Create a New Store" button next to it.

The left sidebar contains several panels:

- Change Center**: View changes and restarts. Configuration editing is enabled.
- Domain Structure**: A tree view showing the hierarchy of the domain, including Environment, Servers, Clusters, Coherence Clusters, Machines, Virtual Hosts, Work Managers, Startup and Shutdown Classes, Deployments, and Services.
- How do I...?**: A list of links for configuration and persistent stores.
- System Status**: Health of Running Servers. A bar chart shows the status of servers: Failed (0), Critical (0), Overloaded (0), Warning (0), and OK (2).

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



21. Select the target as SOA Server →Finish

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

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

ORACLE WebLogic Server Administration Console 12c

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

Home > AlphaDomain > Summary of JMS Servers

Create a New JMS Server

Back Next Finish Cancel

Select targets

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

Target: SOAServer

Back Next Finish Cancel

Change Center

View changes and restarts

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

Domain Structure

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

How do I...

- Configure JMS system modules
- Configure custom persistent stores

System Status

Health of Running Servers

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

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



soa-infra (SOA Instruct... 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

Home > AlphaDomain > Summary of JMS Servers

Messages

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

Summary of JMS Servers

JMS servers act as management containers for the queues and topics in JMS modules that are targeted to them.

This page summarizes the JMS servers that have been created in the current WebLogic Server domain.

Customize this table

JMS Servers (Filtered - More Columns Exist)

New Delete Showing 1 to 9 of 9 Previous | Next

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

New Delete Showing 1 to 9 of 9 Previous | Next

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



4. Go back to Console → JMS Modules → New

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

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

ORACLE WebLogic Server Administration Console 12c

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

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

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

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

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

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

Windows taskbar showing various application icons and system tray with time 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 existing JMS modules. A red circle highlights the "New" button located above the table.

Summary of JMS Modules

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.

This page summarizes the JMS system modules that have been created for this domain.

Customize this table

JMS Modules

Name	Type
BamAlertEngineJmsSystemModule	System
BamCQServiceJmsSystemResource_BAMServer	System
BamReportCacheJmsSystemModule	System
BamServerJmsSystemResource	System
BPMJMSModule	System
SOAJMSModule	System
UMSAQJMSSystemResource	System
UMSJMSSystemResource	System

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



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=jmsModulesTablePage&jmsModulesTablePortletName= - Google

ORACLE WebLogic Server Administration Console 12c

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

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

Create JMS System Module

Back Next Finish Cancel

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

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

* Indicates required fields

What would you like to name your System Module?

Name:

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

Descriptor File Name:

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

Location In Domain:

Back Next Finish Cancel

Change Center

View changes and restarts

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

Domain Structure

AlphaDomain

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

How do I...

- Configure JMS system modules
- Configure JMS servers

System Status

Health of Running Servers

<div style="width: 20px; height: 10px; background-color: #cccccc; border: 1px solid #000;"></div>	Failed (0)
<div style="width: 20px; height: 10px; background-color: #ff0000; border: 1px solid #000;"></div>	Critical (0)
<div style="width: 20px; height: 10px; background-color: #ffcc00; border: 1px solid #000;"></div>	Overloaded (0)
<div style="width: 20px; height: 10px; background-color: #ff9900; border: 1px solid #000;"></div>	Warning (0)
<div style="width: 20px; height: 10px; background-color: #006600; border: 1px solid #000;"></div>	OK (2)

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



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?CreateJMSSystemModulePortlet_actionOverrides=/com/bee/console/actions/jms/modules/syste - 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 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)

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



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

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



1. Go back to JMS Modules → FCUBSJMSModule → New

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

The main content area is titled "Settings for FCUBSJMSModule" and has tabs for "Configuration", "Subdeployments", "Targets", "Security", and "Notes". The "Configuration" tab is selected. Below the tabs, there is a description: "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."

Key configuration details include:

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

Below this information is a section titled "Summary of Resources" with a table. The table has columns for Name, Type, JNDI Name, Subdeployment, and Targets. The table is currently empty, with the message "There are no items to display".

On the left side, there is a "Domain Structure" tree showing the hierarchy: AlphaDomain > Environment > Servers > Clusters > Coherence Clusters > Machines > Virtual Hosts > Work Managers > Startup and Shutdown Classes > Deployments > Services > Messaging > JMS Servers > Store-and-Forward Agents.

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



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

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

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

ORACLE WebLogic Server Administration Console 12c

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

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

Create a New JMS System Module Resource

Back Next Finish Cancel

Choose the type of resource you want to create.

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

Depending on the type of resource you select, you are prompted to enter basic information for creating the resource. For targetable resources, like stand-alone queues and topics, connection factories, distributed queues and topics, foreign servers, and JMS SAF destinations, you can also proceed to targeting pages for selecting appropriate server targets. You can also associate targetable resources with subdeployments, which is an advanced mechanism for grouping JMS module resources and the members to server resources.

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

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)

11:52 AM 6/23/2015

The screenshot displays the Oracle WebLogic Server Administration Console 12c interface. The main content area is titled "Create a New JMS System Module Resource". It contains several configuration sections:

- Connection Factory Properties:** A section for identifying the new connection factory. It includes a "Name" field with the value "UBSConnectionfactory" and a "JNDI Name" field with the value "jndi/FCUBSConnectionfactory".
- Subscription Sharing Policy:** A dropdown menu set to "Exclusive".
- Client ID Policy:** A dropdown menu set to "Restricted".
- Maximum Messages per Session:** A text input field containing the value "10".
- XA Connection Factory Enabled:** A checked checkbox.

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

3. Select Advanced targeting → create New Sub Deployment with the below Name → Select the target as JMS server which we have created on top → 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/connecti Google

ORACLE WebLogic Server Administration Console 12c

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

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

Create a New JMS System Module Resource

Back Next Finish **Advanced Targeting** Cancel

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

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

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

Targets :

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

Back Next Finish **Advanced Targeting** Cancel

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

Domain Structure
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)

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

11:57 AM 6/23/2015

soa-infra (SOA Instruct... 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/bean/console/actions/jms/connecti Google

ORACLE WebLogic Server Administration Console 12c

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

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

Create a New JMS System Module Resource

Back Next Finish Cancel

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

Use this page to select a subdeployment to assign this system module resource. A subdeployment is a mechanism by which JMS resources are grouped and targeted to a server instance, cluster, or SAF agent. If necessary, you can create a new subdeployment by clicking the **Create a New Subdeployment** button. You can also reconfigure subdeployment targets later by using the parent module's subdeployment management page.

Select the subdeployment you want to use. If you select (none), no targeting will occur.

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

What targets do you want to assign to this subdeployment?

Targets:

Back Next Finish Cancel

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

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

How do I...

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

System Status
Health of Running Servers

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

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

11:58 AM 6/23/2015

soa-infra (SOA Infrastruct... x FC1211QAR2 (Oracle Web... x Create a New Subdeploy... 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/target/n... Google

ORACLE WebLogic Server Administration Console 12c

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

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

Create a New Subdeployment

OK Cancel

Subdeployment Properties

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

Subdeployment Name: FCUBS

OK Cancel

Change Center

View changes and restarts

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

Domain Structure

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

How do I...

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

System Status

Health of Running Servers

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

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

11:59 AM 6/23/2015

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/bean/console/actions/jms/target/cr

ORACLE WebLogic Server Administration Console 12c

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

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

Create a New JMS System Module Resource

Back Next Finish Cancel

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

Use this page to select a subdeployment to assign this system module resource. A subdeployment is a mechanism by which JMS resources are grouped and targeted to a server instance, cluster, or SAF agent. If necessary, you can create a new subdeployment by clicking the **Create a New Subdeployment** button. You can also reconfigure subdeployment targets later by using the parent module's subdeployment management page.

Select the subdeployment you want to use. If you select (none), no targeting will occur.

Subdeployments: FCUBS Create a New Subdeployment

What targets do you want to assign to this subdeployment?

Targets:

Servers	
<input type="checkbox"/>	SOAServer

JMS Servers	
<input type="checkbox"/>	BPMJMServer
<input checked="" type="checkbox"/>	FCUBSJMServer
<input type="checkbox"/>	SOAJMServer
<input type="checkbox"/>	UMSJMServer_auto_2

Back Next Finish Cancel

Change Center

View changes and restarts

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

Activate Changes

Undo All Changes

Domain Structure

AlphaDomain

- Environment
 - 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)

12:00 PM 6/23/2015

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

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

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

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

How do I...
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
New Delete Showing 1 to 1 of 1 Previous | Next

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

New Delete Showing 1 to 1 of 1 Previous | Next

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



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.
- ✓ Connection factory created successfully.

Settings for FCUBSJMSModule

Configuration Subdeployments Targets Security Notes

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

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

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

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

Customize this table

Summary of Resources

New Delete Showing 1 to 1 of 1 Previous | Next

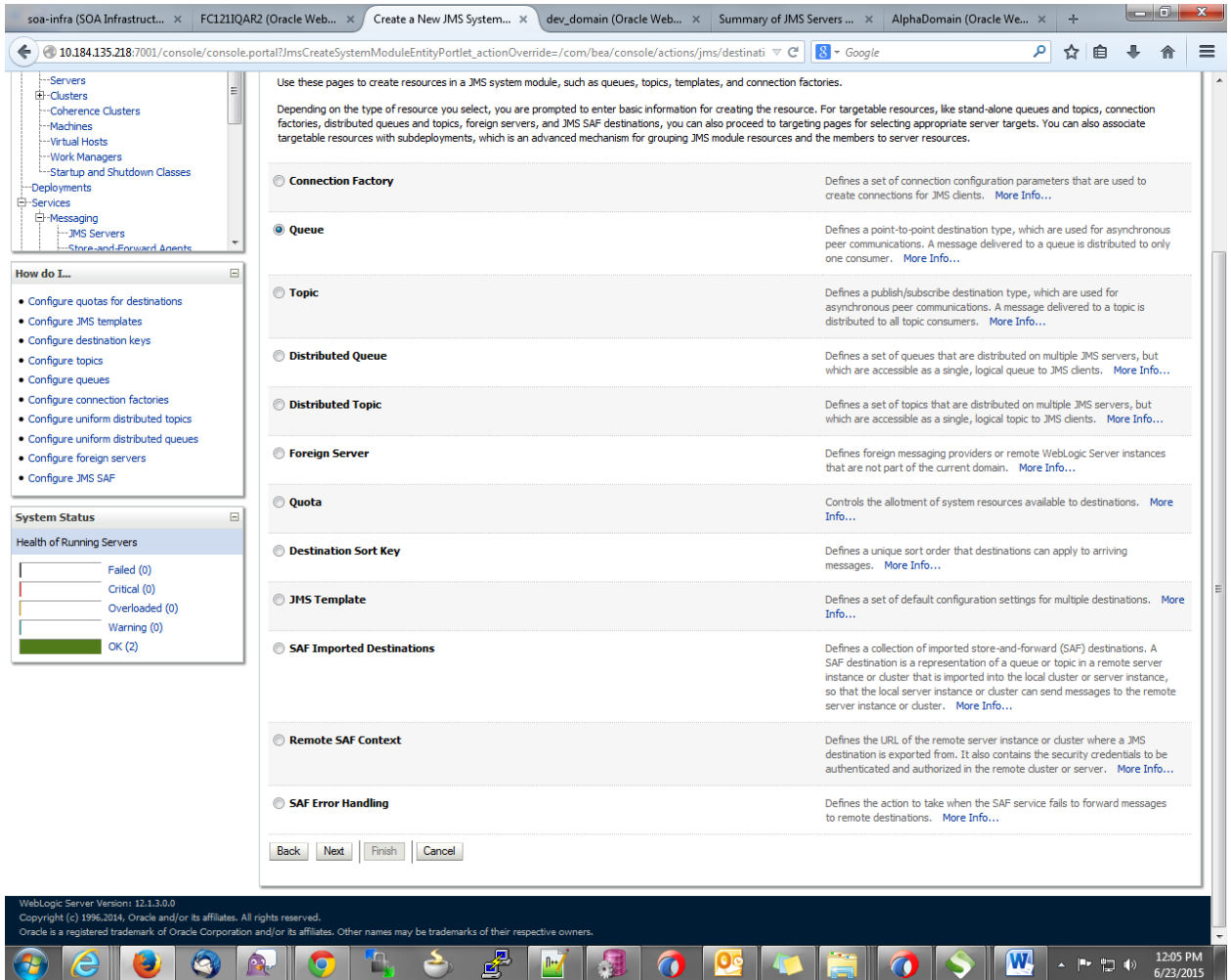
Name	Type	JNDI Name	Subdeployment	Targets
FCUBSConnectionFactory	Connection Factory	jndi/FCUBSConnectionFactory	FCUBS	FCUBSJMSServer

New Delete Showing 1 to 1 of 1 Previous | Next

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



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



5. 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

ORACLE WebLogic Server Administration Console 12c

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

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

Create a New JMS System Module Resource

Back Next Finish Cancel

JMS Destination Properties

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

* Indicates required fields

* **Name:** NOTIFY_DEST_QUEL

JNDI Name: jms/NOTIFY_DEST_QUEUE

Template: None

Back Next Finish Cancel

Change Center

View changes and restarts

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

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)

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

12:06 PM
6/23/2015

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

ORACLE WebLogic Server Administration Console 12c

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

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

Create a New JMS System Module Resource

Back Next Finish Cancel

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

Use this page to select a subdeployment to assign this system module resource. A subdeployment is a mechanism by which JMS resources are grouped and targeted to a server instance, cluster, or SAF agent. If necessary, you can create a new subdeployment by clicking the **Create a New Subdeployment** button. You can also reconfigure subdeployment targets later by using the parent module's subdeployment management page.

Select the subdeployment you want to use. If you select (none), no targeting will occur.

Subdeployments: FCUBS Create a New Subdeployment

What targets do you want to assign to this subdeployment?

Targets:

JMS Servers
<input type="radio"/> BPHJMServer
<input checked="" type="radio"/> FCUBSJMServer
<input type="radio"/> SOAJMServer
<input type="radio"/> UMSJMSserver_auto_2

Back Next Finish Cancel

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

12:06 PM
6/23/2015

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	FCUBSJMSServer
NOTIFY_DEST_QUEUE	Queue	jms/NOTIFY_DEST_QUEUE	FCUBS	FCUBSJMSServer

New Delete Showing 1 to 2 of 2 Previous | Next

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



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 → JmsAdapter → Configuration → Outbound Connection Pool → Expand oracle.tip.adapter.jms.IJmsConnectionFactory → New → Provide JNDI as 'eis/Queue/Notif' → 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
	FCUBSAppUI (12.1.0.0.0)	Active	Warning	Enterprise Application	SOAServer	600
	FileAdapter	Active	OK	Resource Adapter	SOAServer	321
	frevvo	Active	OK	Enterprise Application	SOAServer	100
	FtpAdapter	Active	OK	Resource Adapter	SOAServer	325
	GWWebServices (12.1.0.0.0)	Active	OK	Enterprise Application	SOAServer	600
	JDEWorldAdapter	Installed		Resource Adapter		333
	JmsAdapter	Active	OK	Resource Adapter	SOAServer	323
	LdapAdapter	Installed		Resource Adapter		332
	MQSeriesAdapter	Active	OK	Resource Adapter	SOAServer	327
	MSMQAdapter	Installed		Resource Adapter		334
	OAAPredictionService	Active	OK	Enterprise Application	SOAServer	100
	OracleAppsAdapter	Active	OK	Resource Adapter	SOAServer	328
	OracleBamAdapter	Installed		Resource Adapter		329
	OracleBPMBACServerApp	Active	OK	Enterprise Application	SOAServer	384
	OracleBPMComposerRolesApp	Active	OK	Enterprise Application	SOAServer	382
	OracleBPMProcessRolesApp	Active	OK	Enterprise Application	SOAServer	381
	OracleBPMWorkspace	Active	OK	Enterprise Application	SOAServer	383
	SAPAdapter	Installed		Resource Adapter		335
	SimpleApprovalTaskFlow	Active	OK	Enterprise Application	SOAServer	386
	soa-infra	Active	OK	Enterprise Application	SOAServer	350
	soa-webapps	Active	OK	Enterprise Application	SOAServer	360

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

12:08 PM 6/23/2015

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

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

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

Settings for JmsAdapter

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

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

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

Outbound Connection Pool Configuration Table

New | Delete | Showing 1 to 1 of 1 | Previous | Next

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

Domain Structure

- AlphaDomain
 - 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)

12:09 PM
6/23/2015

soa-infra (SOA Infrastruct... x FC1211QAR2 (Oracle Web... x Create a New Outbound ... 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=ConnectorCreateOutboundConnectionPage

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

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	
<input type="radio"/>	Outbound Connection Group
<input checked="" type="radio"/>	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)

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

e Highlight All Match Case

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

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

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

10.184.135.218:7001/console/console.portal?Connector>CreateOutboundConnectionPortlet_actionOverride=/com/bea/console/actions/conn

ORACLE WebLogic Server Administration Console 12c

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

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

Create a New Outbound Connection

Back Next Finish Cancel

JNDI name for Outbound Connection Instance

Enter the JNDI name that you want to use to obtain the new connection instance

* Indicates required fields

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

* JNDI Name:

Back Next Finish Cancel

Change Center

View changes and restarts

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

Domain Structure

- AlphaDomain
 - 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)

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

e Highlight All Match Case

12:12 PM 6/23/2015

The screenshot displays the Oracle WebLogic Server console interface. On the left, there is a navigation tree with categories like Clusters, Services, and JMS Servers. Below it, a 'System Status' panel shows the health of running servers as 'OK (2)'. The main area is titled 'Outbound Connection Pool Configuration Table' and contains a table with the following columns: 'Groups and Instances' and 'Connection Factory Interface'. The table lists numerous entries, each with a checkbox, a group name (e.g., 'eis/Queue/Notif'), and a connection factory interface name (e.g., 'oracle.tp.adapter.jms.IJmsConnectionFactory'). The entry 'eis/Queue/Notif' is highlighted in blue. At the bottom of the console, there is a search bar and a taskbar with various application icons. The system clock shows 12:14 PM on 6/23/2015.

Groups and Instances	Connection Factory Interface
<input type="checkbox"/> oracle.tp.adapter.jms.IJmsConnectionFactory	oracle.tp.adapter.jms.IJmsConnectionFactory
<input type="checkbox"/> eis/activemq/Queue	oracle.tp.adapter.jms.IJmsConnectionFactory
<input type="checkbox"/> eis/aqms/EDNLocalTxDurableTopic	oracle.tp.adapter.jms.IJmsConnectionFactory
<input type="checkbox"/> eis/aqms/EDNLocalTxTopic	oracle.tp.adapter.jms.IJmsConnectionFactory
<input type="checkbox"/> eis/aqms/EDNxuDurableTopic	oracle.tp.adapter.jms.IJmsConnectionFactory
<input type="checkbox"/> eis/aqms/EDNxATopic	oracle.tp.adapter.jms.IJmsConnectionFactory
<input type="checkbox"/> eis/aqms/Queue	oracle.tp.adapter.jms.IJmsConnectionFactory
<input type="checkbox"/> eis/aqms/Topic	oracle.tp.adapter.jms.IJmsConnectionFactory
<input type="checkbox"/> eis/foranmq/Topic	oracle.tp.adapter.jms.IJmsConnectionFactory
<input type="checkbox"/> eis/jbossmq/Queue	oracle.tp.adapter.jms.IJmsConnectionFactory
<input type="checkbox"/> eis/jms/aiab2BQueueCF	oracle.tp.adapter.jms.IJmsConnectionFactory
<input type="checkbox"/> eis/jms/aiabErrorTopicCF	oracle.tp.adapter.jms.IJmsConnectionFactory
<input type="checkbox"/> eis/pramati/Queue	oracle.tp.adapter.jms.IJmsConnectionFactory
<input type="checkbox"/> eis/Queue/Notif	oracle.tp.adapter.jms.IJmsConnectionFactory
<input type="checkbox"/> eis/summq/Queue	oracle.tp.adapter.jms.IJmsConnectionFactory
<input type="checkbox"/> eis/tbjms/Queue	oracle.tp.adapter.jms.IJmsConnectionFactory
<input type="checkbox"/> eis/tbjms/Topic	oracle.tp.adapter.jms.IJmsConnectionFactory
<input type="checkbox"/> eis/tbjmsDirect/Queue	oracle.tp.adapter.jms.IJmsConnectionFactory
<input type="checkbox"/> eis/tbjmsDirect/Topic	oracle.tp.adapter.jms.IJmsConnectionFactory
<input type="checkbox"/> eis/webspheremq/Queue	oracle.tp.adapter.jms.IJmsConnectionFactory
<input type="checkbox"/> eis/wls/EDNLocalTxDurableTopic	oracle.tp.adapter.jms.IJmsConnectionFactory
<input type="checkbox"/> eis/wls/EDNLocalTxTopic	oracle.tp.adapter.jms.IJmsConnectionFactory
<input type="checkbox"/> eis/wls/EDNxuDurableTopic	oracle.tp.adapter.jms.IJmsConnectionFactory
<input type="checkbox"/> eis/wls/EDNxATopic	oracle.tp.adapter.jms.IJmsConnectionFactory
<input type="checkbox"/> eis/wls/Queue	oracle.tp.adapter.jms.IJmsConnectionFactory
<input type="checkbox"/> eis/wls/Topic	oracle.tp.adapter.jms.IJmsConnectionFactory

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

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

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

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 > FCUBSJMModule > Summary of JMS Modules > Summary of Deployments > JmsAdapter

Settings for oracle.tip.adapter.jms.JJmsConnectionFactory

General **Properties** Transaction Authentication Connection Pool Logging

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

Outbound Connection Properties

Save Showing 1 to 7 of 7 Previous | Next

Property Name	Property Type	Property Value	Supports Dynamic Updates
AcknowledgeMode	java.lang.String	AUTO_ACKNOWLEDGE	false
ConnectionFactoryLocation	java.lang.String	jdbc/FCUBSConnec	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

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

e Highlight All Match Case

ORACLE WebLogic Server Administration Console 12c

Welcome, admin | Connected to: AlphaDomain

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

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

Showing 1 to 7 of 7 Previous | Next

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

Showing 1 to 7 of 7 Previous | Next

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



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

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

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

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

Customize this table

Deployments

Install Update Delete Start Stop

Showing 1 to 46 of 46 Previous Next

Name	State	Health	Type	Targets	Deployment Order
AqAdapter	Prepared	OK	Resource Adapter	SOAServer	324
b2bul	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 Assit... x dev_domain (Oracle Web... x Summary of JMS Servers... x AlphaDomain (Oracle We... x +

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

ORACLE WebLogic Server Administration Console 12c

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

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

Update Application Assistant

Back Next Finish Cancel

Locate new deployment files

You have elected to update the JmsAdapter application.

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

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

Redeploy this application using the following deployment files:

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

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

Back Next Finish Cancel

Change Center

View changes and restarts

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

Domain Structure

AlphaDomain

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

How do I...

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

System Status

Health of Running Servers

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

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

e Highlight All Match Case

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

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

The screenshot shows the Oracle WebLogic Server Administration Console 12c interface. The main content area is titled "Summary of Deployments" and contains a table of installed applications and modules. The table has the following columns: Name, State, Health, Type, Targets, and Deployment Order. The table lists 14 items, including adapters, enterprise applications, and web applications.

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

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

1.2.7 Configuring FTP Adapter

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

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

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

ORACLE WebLogic Server Administration Console 12c

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

Home > Summary of Deployments > FtpAdapter

Settings for FtpAdapter

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

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

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

Outbound Connection Pool Configuration Table

New Delete Showing 1 to 1 of 1 Previous | Next

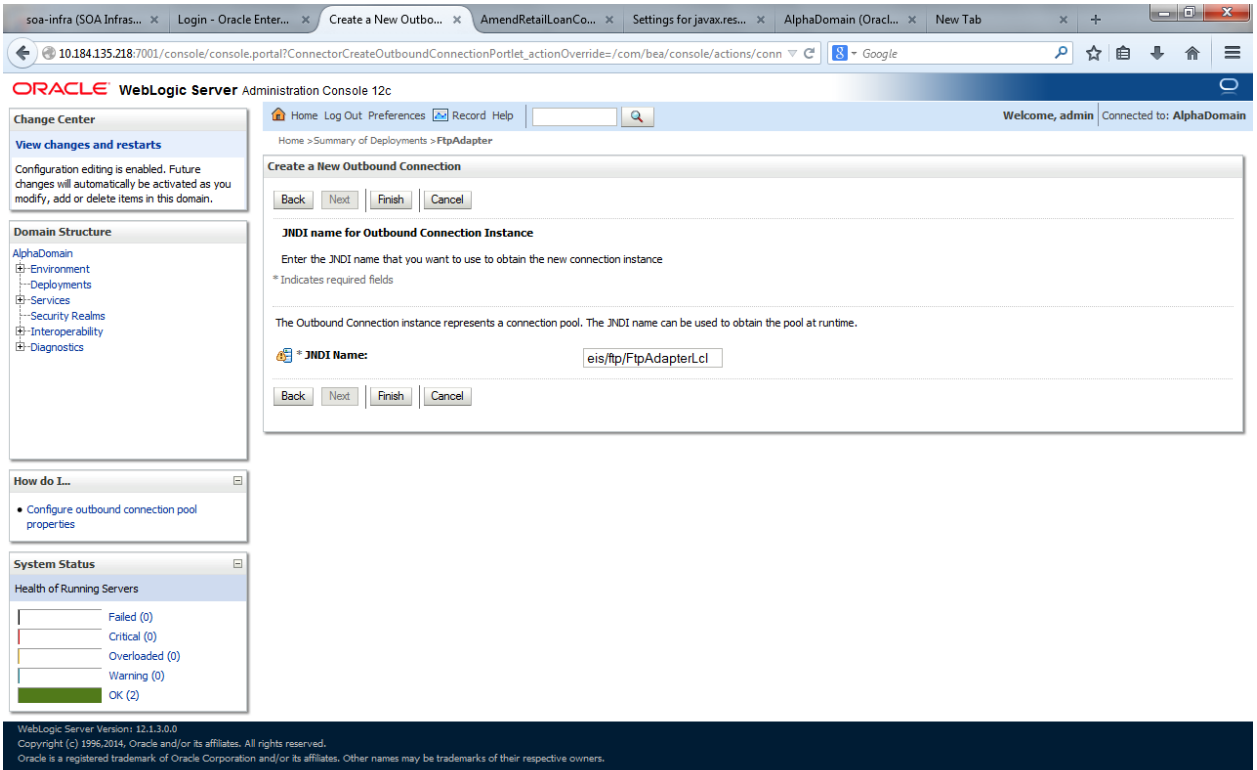
Groups and Instances	Connection Factory Interface
javax.resource.cdi.ConnectionFactory	javax.resource.cdi.ConnectionFactory
eis/ftp/CoherenceHAFtpAdapter	javax.resource.cdi.ConnectionFactory
eis/ftp/FtpAdapter	javax.resource.cdi.ConnectionFactory
eis/ftp/FtpAdapterLcd	javax.resource.cdi.ConnectionFactory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

New Delete Showing 1 to 1 of 1 Previous | Next

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

eis/wls/Queue Highlight All Match Case

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



2) Click finish and save.

1.2.8 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 > Summary of Security Realms > myrealm > Users and Groups

Welcome, weblogic | Connected to: bifoundation_domain

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

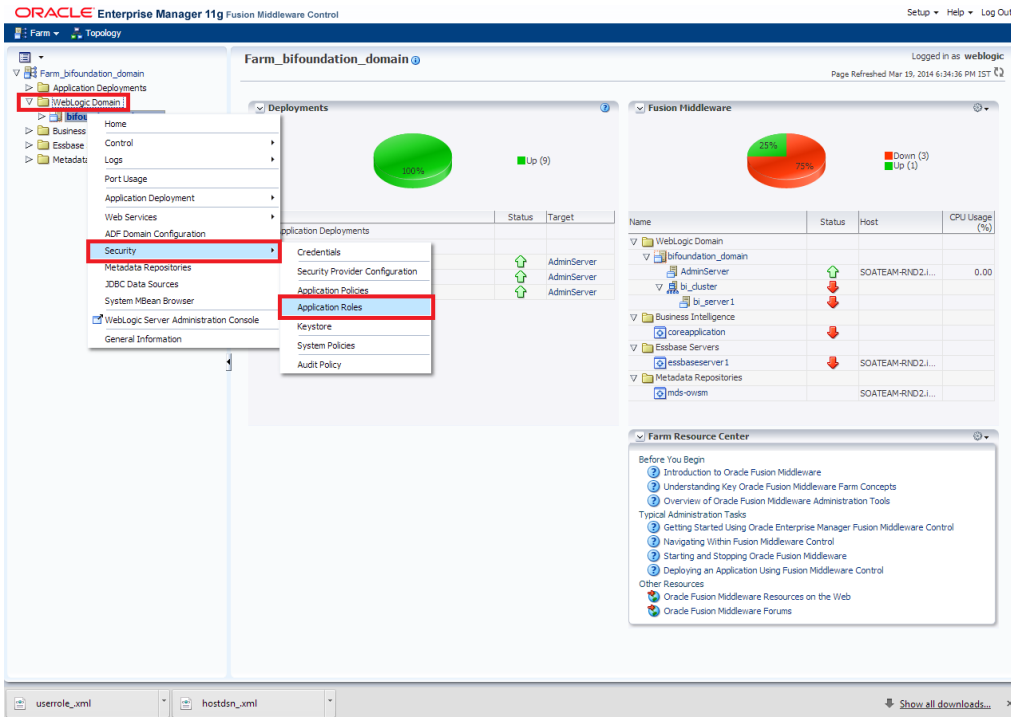
Name ↕	Description	Provider
000ANT1	Default Admin User 1	FCJCustomProvider
11111RM_3	Siveta	FCJCustomProvider
11111RM_4	RM	FCJCustomProvider
112233	Default Admin User 10	FCJCustomProvider
121212	Default Admin User 10	FCJCustomProvider
122456	SANKER GS	FCJCustomProvider
141414	Default Admin User 10	FCJCustomProvider
15259A03	Kumar	FCJCustomProvider
1M20862	BALA	FCJCustomProvider
20862A1	Bala	FCJCustomProvider

Showing 1 to 10 of 1000 Previous | Next

WebLogic Server Version: 10.3.6.0
Copyright © 1996, 2011, Oracle and/or its affiliates. All rights reserved.
Oracle is a registered trademark of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.

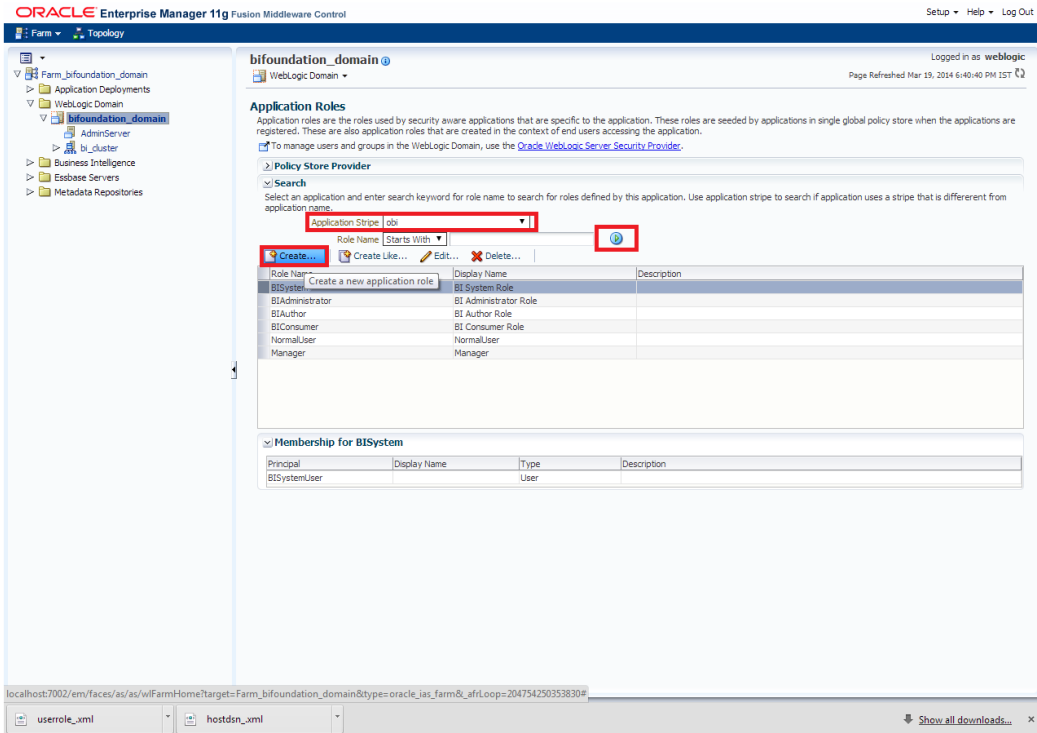
3) Login to the Enterprise Manager (em) http/s:<hostname>:<port>/em

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



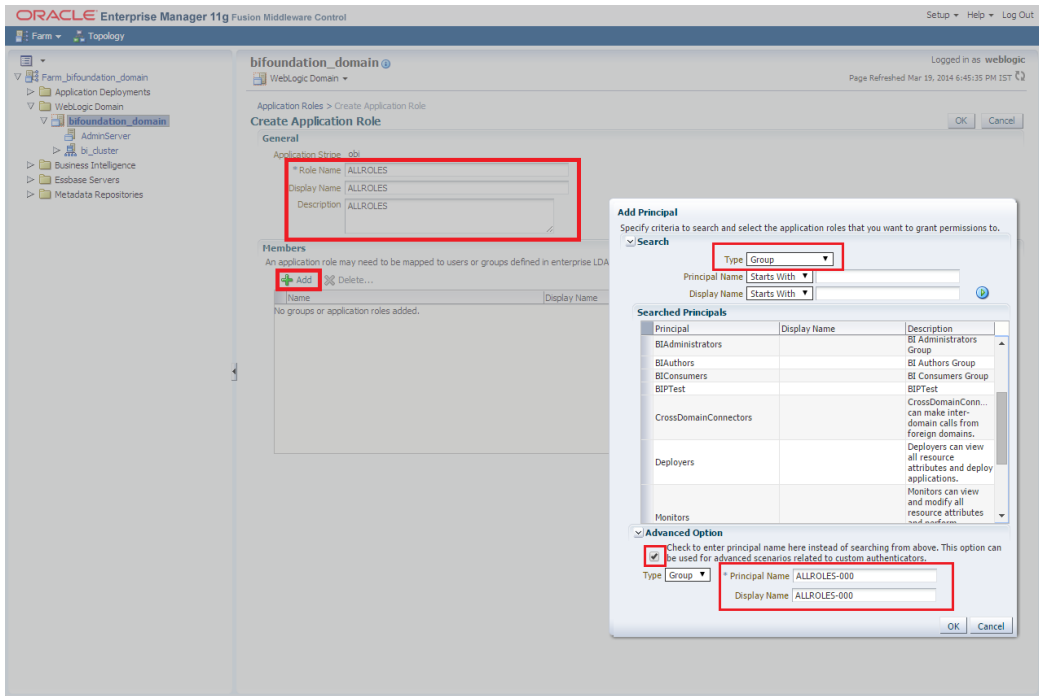
4) After navigating to next screen as in below screenshot,

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

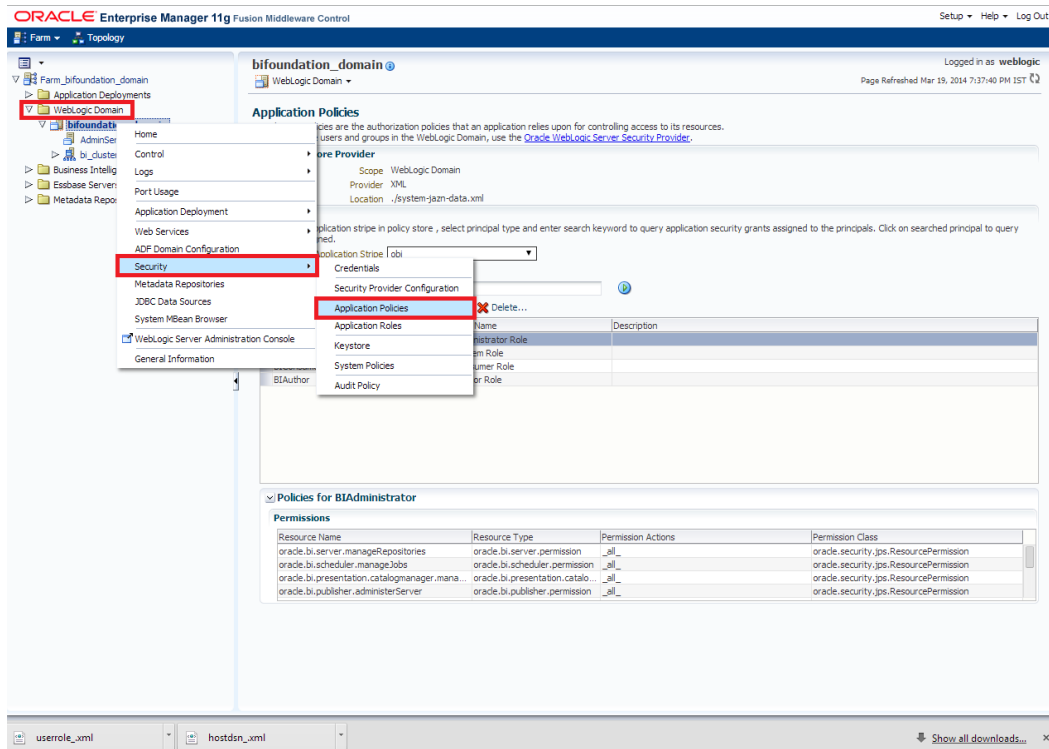


5) After navigating to next screen as in below screenshot,

- 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.

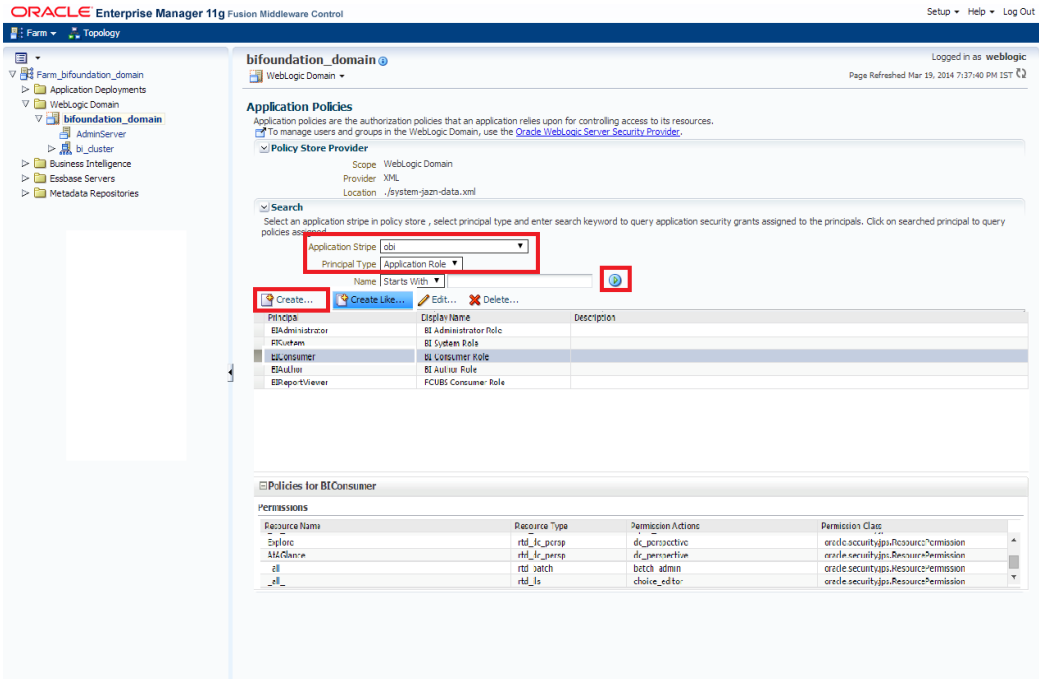


- 6) After getting information message like “A new role added successfully”, then again
- Right click on the domain(in which BI suite is installed) under the weblogic domain
 - Go to security and then navigate to application polices



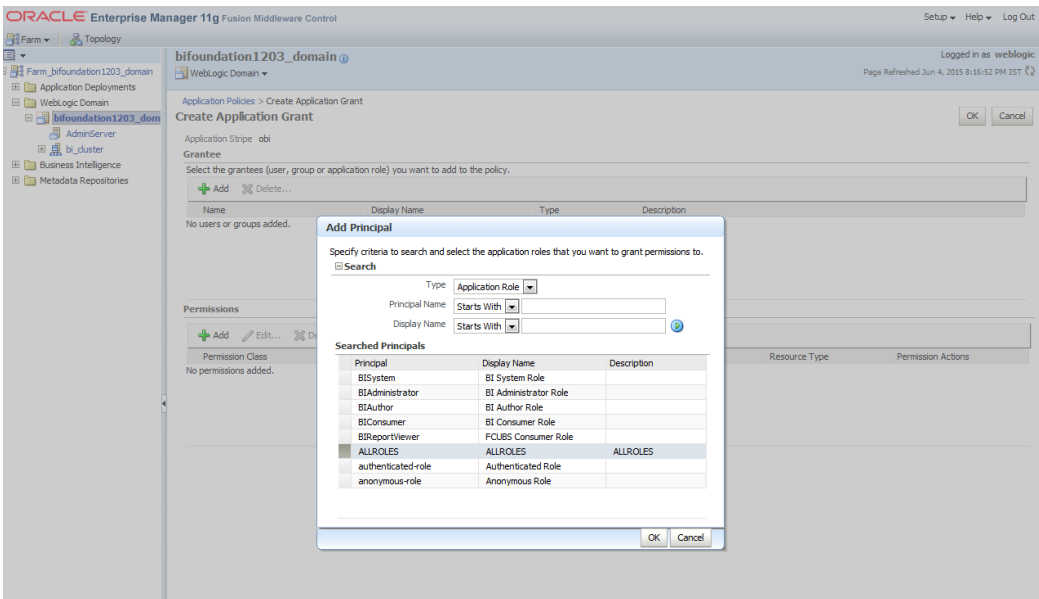
7) After navigating to next screen as per screen shot,

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

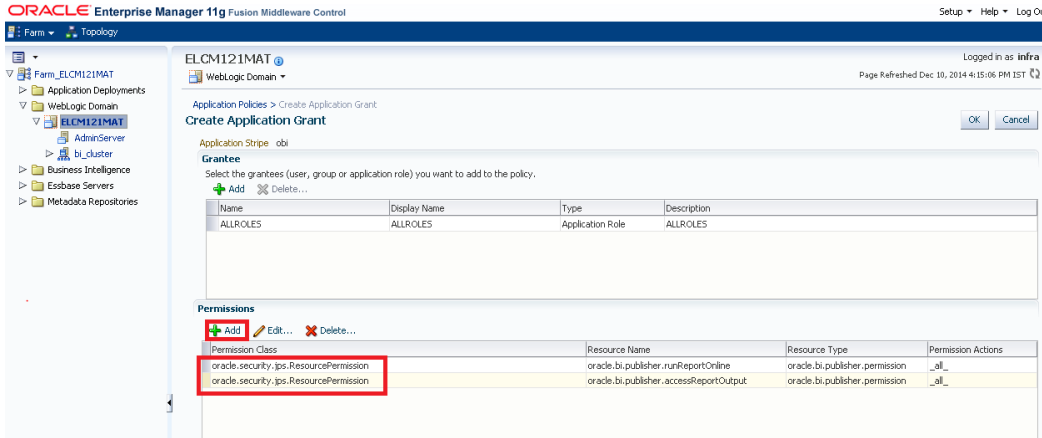


8) After navigating to next screen as per the screen shot,

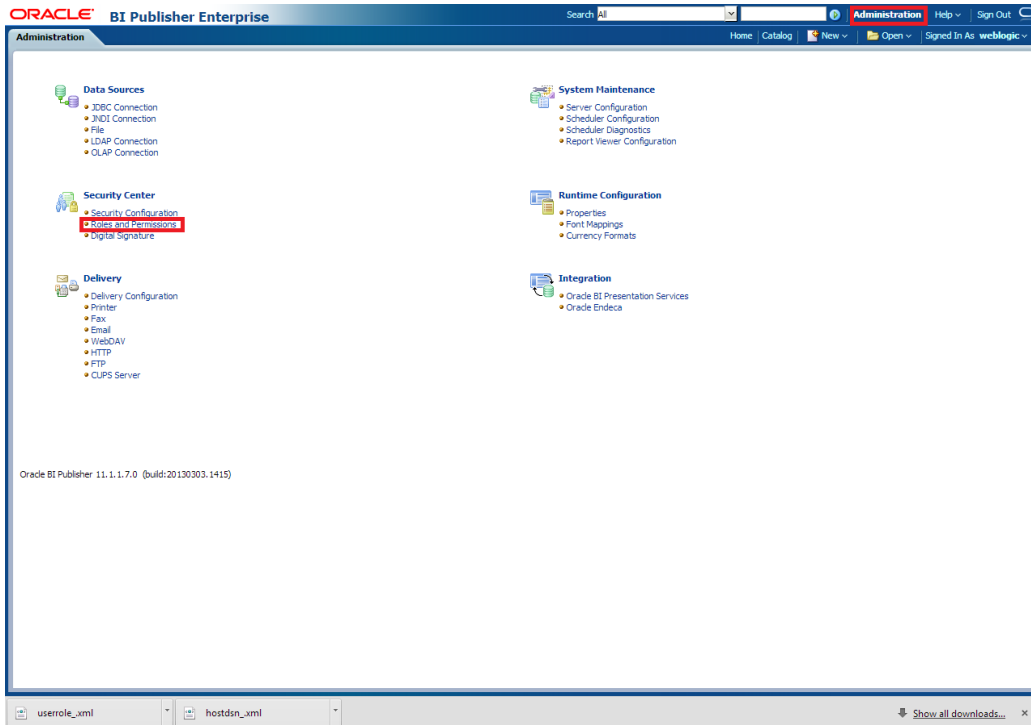
- Click on Add button , a new window “Add Principal” will be launched.
- Select Type as “Application Role” and click on the search button
- From the list select the role that has been created earlier in application role screen and click on OK button in pop up window and screen.



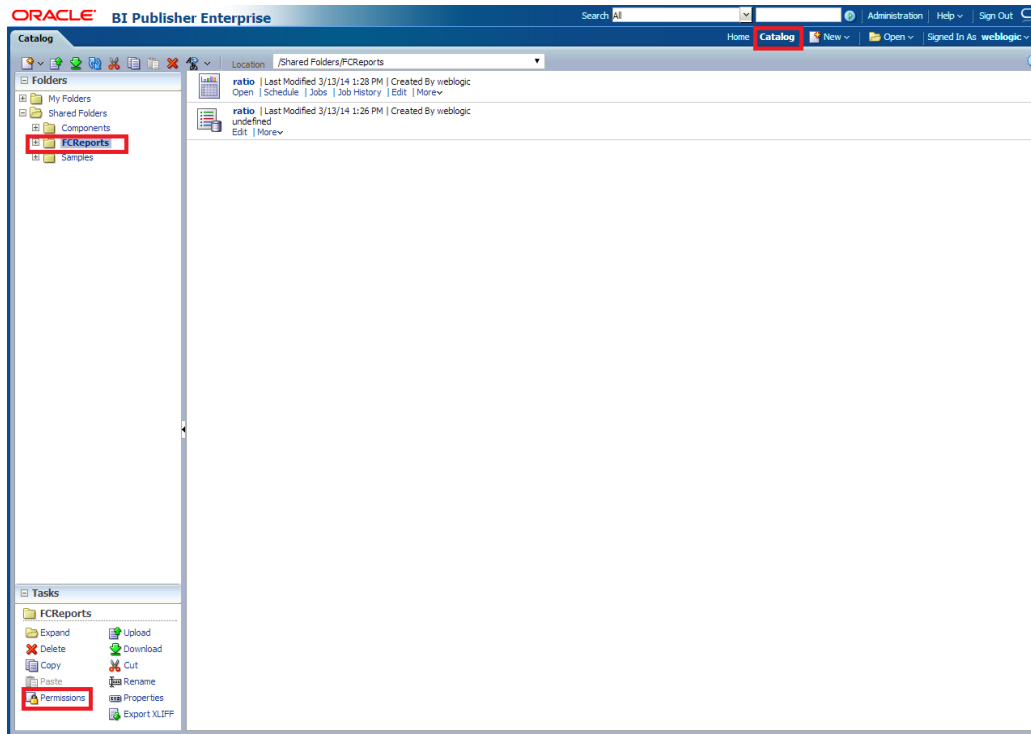
- Click Add button under Permissions and add the two permissions one by one as mentioned below.
 - oracle.bi.publisher.runReportOnline
 - oracle.bi.publisher.accessReportOutput



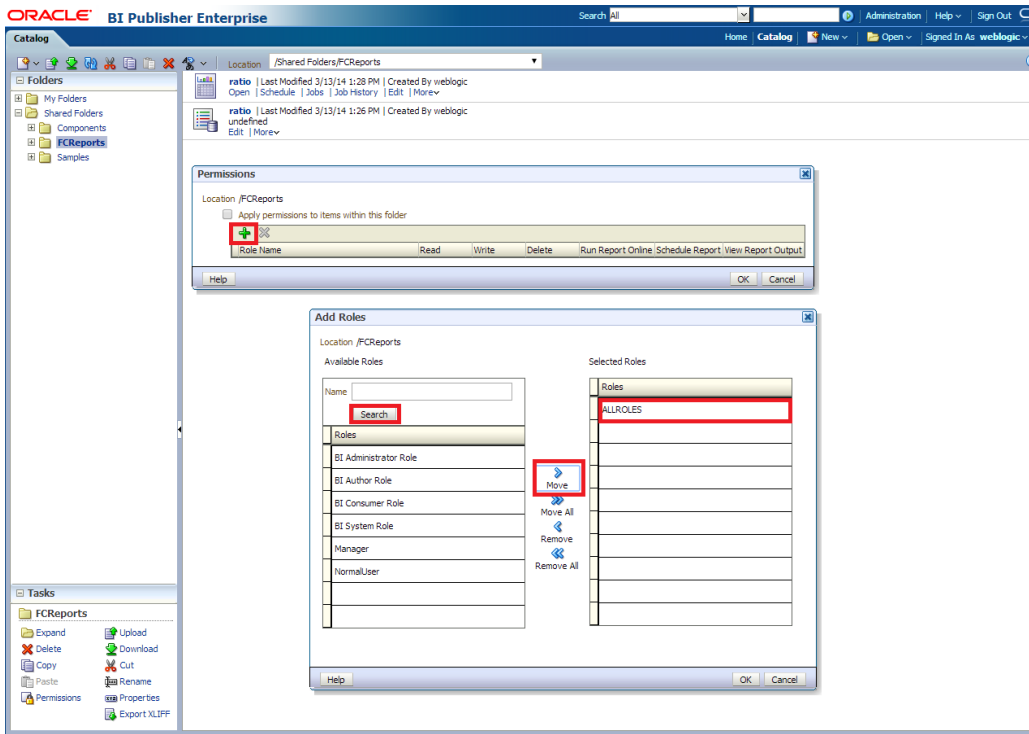
- 9) After getting information message like “A security added successfully”,
- Login into the BIPublisher , `http/s:<hostname>:<port>/xmlpserver`
 - Click on the Administration .
 - Click on the Roles and Permission under Security center and check if the added role(in em) is displayed, If not restart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



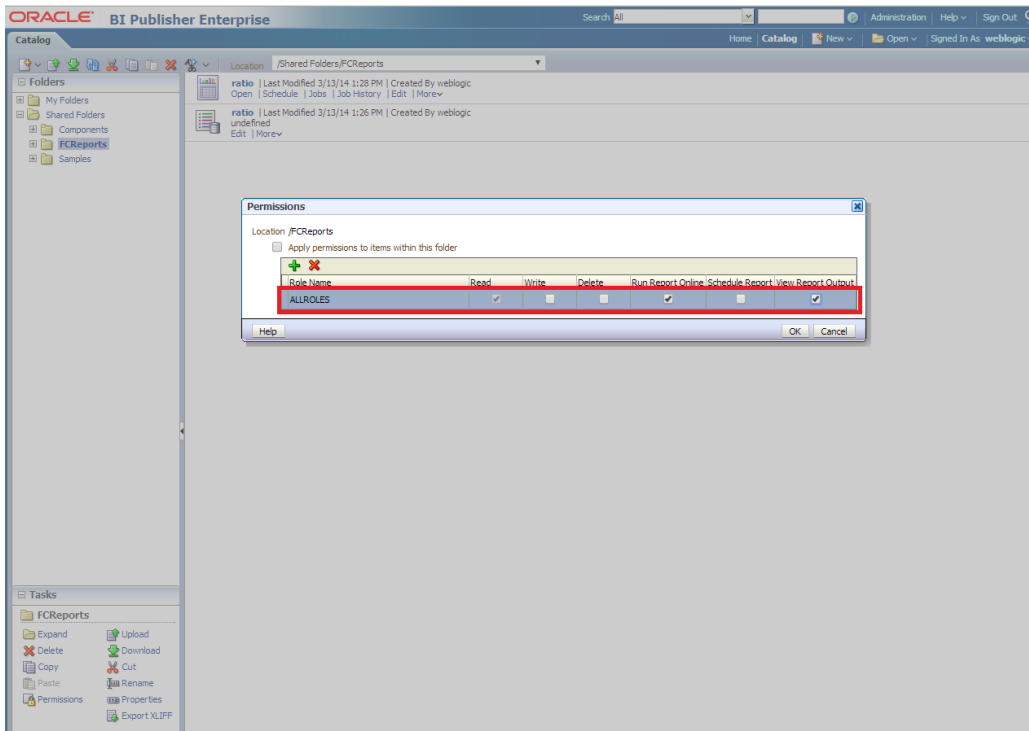
10) Then click on the Catalog , then on the folder that has been created , and then on permissions



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



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



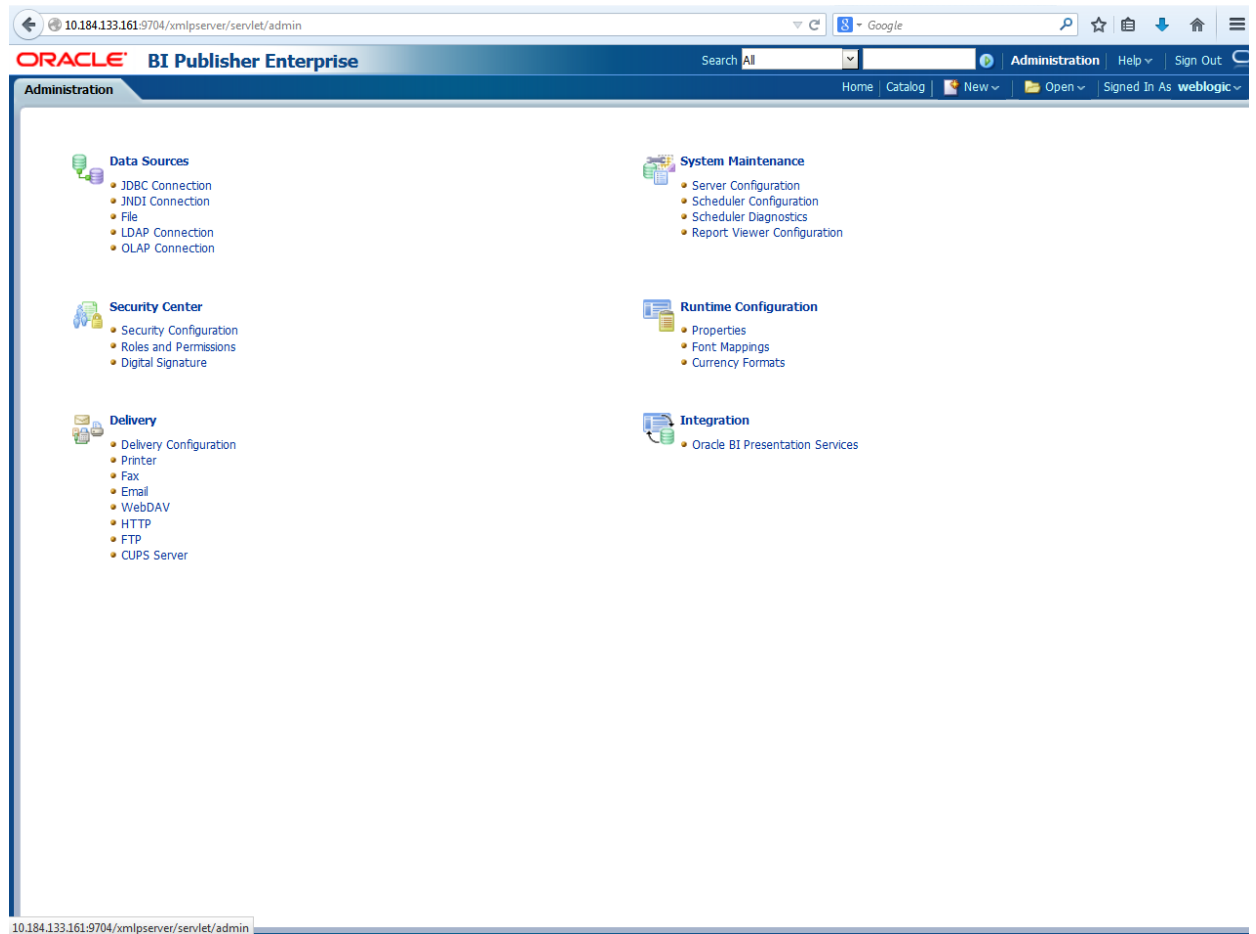
Now the reports in the folder will be accessed accordingly based on the roles.

Note:

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

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

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



ORACLE BI Publisher Enterprise Administration Help Sign Out

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

Administration

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

10.184.133.161:9704/xmloserver/serviet/adm/datasource/connectionhome?tvoc=idbc& sTkn=6ec2d6c614e97518204

ORACLE BI Publisher Enterprise Administration Help Sign Out

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

Administration

Administration > JDBC

Data Sources

JDBC JNDI File LDAP OLAP

Add Data Source Previous 1-10 of 16 Next 6

Data Source Name	Connection String	Delete
dema	jdbc:oracle:thin:@10.184.149.52:1521:SOADB	
FCI202UBS	jdbc:oracle:thin:@10.184.132.144:1521:KD12NEW	
FCI21DEV	jdbc:oracle:thin:@10.184.132.144:1521:KD12NEW	
FCBP	jdbc:oracle:thin:@10.184.154.149:1521:ORFC12C	
FCOR121DEV	jdbc:oracle:thin:@10.184.154.149:1521:ORFC12C	
FCOR121UT	jdbc:oracle:thin:@10.184.154.149:1521:ORFC12C	
FCUBS1203	jdbc:oracle:thin:@10.184.132.137:1521:FCPATCH2	
FCUBS121	jdbc:oracle:thin:@whf00new:1521:ORFC12C	
FCUBS12C	jdbc:oracle:thin:@10.184.132.172:1521:FCUBS12C	
fcubsvf1202	jdbc:oracle:thin:@10.184.149.52:1521:SOADB	

Add Data Source Previous 1-10 of 16 Next 6

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

Administration > JDBC > Add Data Source

Apply Cancel

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
(Example: 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

Administration > JDBC > Add Data Source

Apply Cancel

General

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

Backup Data Source

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: ALLROLES

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 FCIBPBPEL

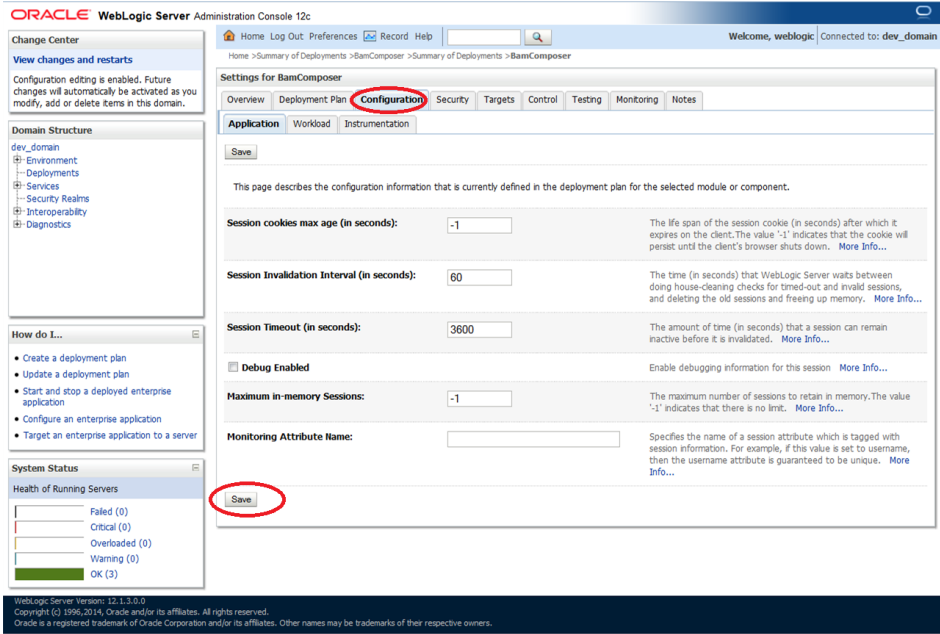
1.2.9 BAM Report Configuration settings

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

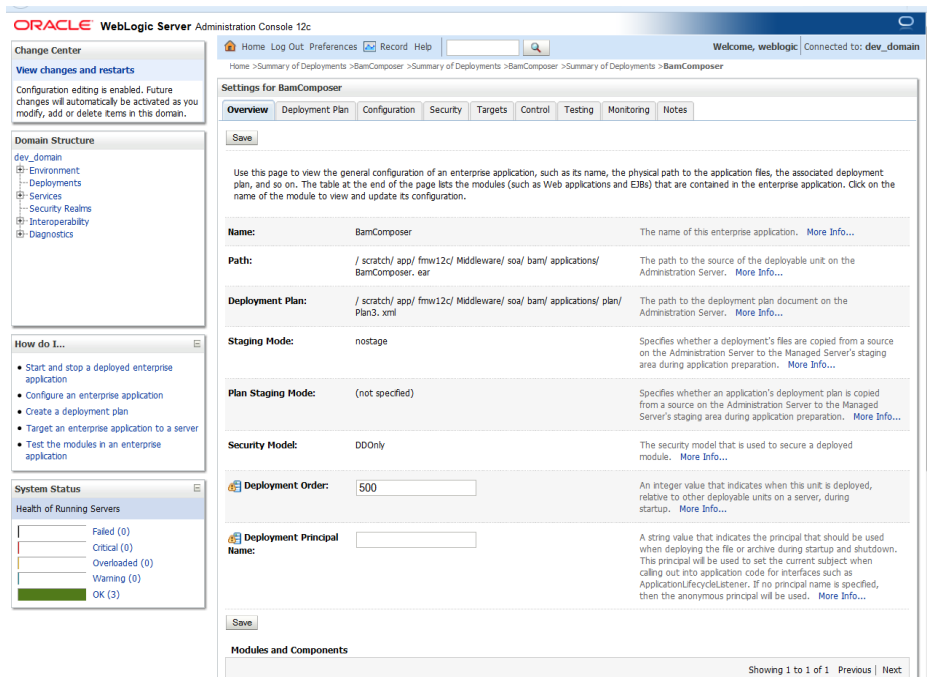
The screenshot shows the Oracle WebLogic Server Administration Console. The main area displays the 'Summary of Deployments' page, which includes a table of installed applications. The 'Deployments' table has columns for Name, State, Health, Type, Targets, and Deployment Order. The 'BAMComposer' application is highlighted with a red circle. The 'Domain Structure' on the left side of the console also has 'Deployments' highlighted with a red circle.

Name	State	Health	Type	Targets	Deployment Order
AqAdapter	Active	OK	Resource Adapter	soa_server1	324
b2bul	Active	OK	Enterprise Application	soa_server1	313
BAMComposer	Active	OK	Enterprise Application	bam_server1	500
BAMCQService	Active	OK	Enterprise Application	bam_server1	300
BAMServer	Active	OK	Enterprise Application	bam_server1	400
BPMComposer	Active	OK	Enterprise Application	soa_server1	385
coherence-transaction-rar	Active	OK	Resource Adapter	AdminServer, bam_server1, soa_server1	100
CoherenceAdapter	Installed		Resource Adapter		331
DBAdapter	Active	OK	Resource Adapter	soa_server1	322
DefaultToDoTaskFlow	Active	OK	Enterprise Application	soa_server1	314
DMS Application (12.1.3.0.0)	Active	OK	Web Application	AdminServer, bam_server1, soa_server1	5

4. click on Configuration Configuration → Save



5. Click on Overview→check the deployment plan location



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

```
<variable>
<name>oracle.adf.view.rich.security.FRAME_BUSTING</name>
```

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



Plan3.xml

7. Stop the BAM composer application in console.

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

Name	State	Health	Type	Targets	Deployment Order
AqAdapter	Active	OK	Resource Adapter	soa_server1	324
db2bul	Active	OK	Enterprise Application	soa_server1	313
BAMComposer	Active	OK	Enterprise Application	bam_server1	500
BamCQService	Active	OK	Enterprise Application	bam_server1	300
BamServer	Active	OK	Enterprise Application	bam_server1	400
BPMComposer	Active	OK	Enterprise Application	soa_server1	385
coherence-transaction-rar	Active	OK	Resource Adapter	AdminServer, bam_server1, soa_server1	100
CoherenceAdapter	Installed		Resource Adapter		331
DbAdapter	Active	OK	Resource Adapter	soa_server1	322
DefaultToDoTaskFlow	Active	OK	Enterprise Application	soa_server1	314
DMS Application (12.1.3.0.0)	Active	OK	Web Application	AdminServer, bam_server1, soa_server1	5
em	Active	OK	Enterprise Application	AdminServer	400
FCUBSAppJIT (12.1.0.0.0)	Active	Warning	Enterprise Application	soa_server1	600
FCUBSAppSoaEmb (12.1.0.0.0)	Prepared	OK	Enterprise Application	soa_server1	601
FileAdapter	Active	OK	Resource Adapter	soa_server1	321
frevo	Installed		Enterprise Application		100
...

8. Update the deployment plan.

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

Summary of Deployments

Control Monitoring

This page displays a list of Java EE applications and stand-alone application modules that have been installed to 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.

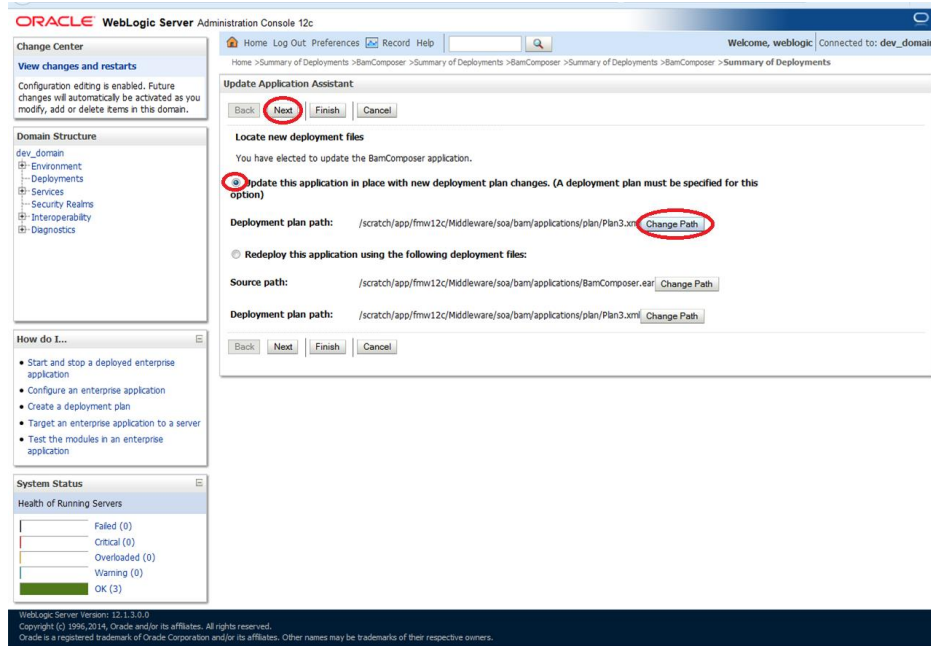
Customize this table

Deployments

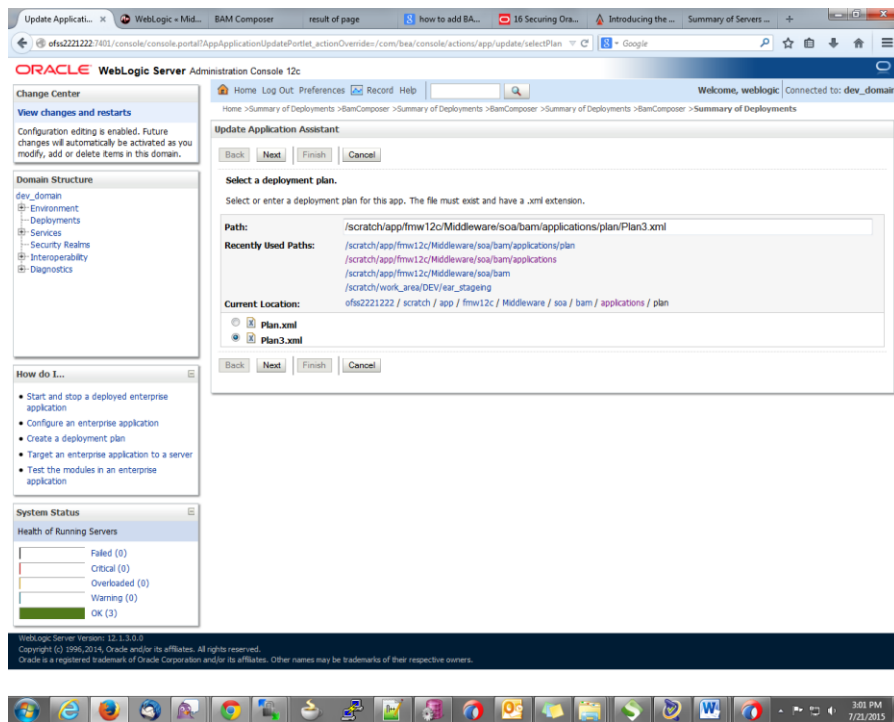
Install Update Delete Start Stop

Name	State	Health	Type	Targets	Deployment Order
AqAdapter	Active	OK	Resource Adapter	soa_server1	324
db2bul	Active	OK	Enterprise Application	soa_server1	313
BAMComposer	Active	OK	Enterprise Application	bam_server1	500
BamCQService	Active	OK	Enterprise Application	bam_server1	300
BamServer	Active	OK	Enterprise Application	bam_server1	400
BPMComposer	Active	OK	Enterprise Application	soa_server1	385
coherence-transaction-rar	Active	OK	Resource Adapter	AdminServer, bam_server1, soa_server1	100
CoherenceAdapter	Installed		Resource Adapter		331
DbAdapter	Active	OK	Resource Adapter	soa_server1	322
DefaultToDoTaskFlow	Active	OK	Enterprise Application	soa_server1	314
DMS Application (12.1.3.0.0)	Active	OK	Web Application	AdminServer, bam_server1, soa_server1	5

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



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



ORACLE WebLogic Server Administration Console 12c

Home > Summary of Deployments > BamComposer > Summary of Deployments > BamComposer > 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
BamComposer	Prepared	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

12. Restart the BAM Composer application in the console

ORACLE WebLogic Server Administration Console 12c

Home > Summary of Deployments > BamComposer > Summary of Deployments > BamComposer > Summary of Deployments > Summary of Servers > Summary of Deployments > BamComposer > Summary of Deployments

Messages

- ✓ Selected Deployments have been requested to stop.

Summary of Deployments

Control Monitoring

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

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

Customize this table

Deployments

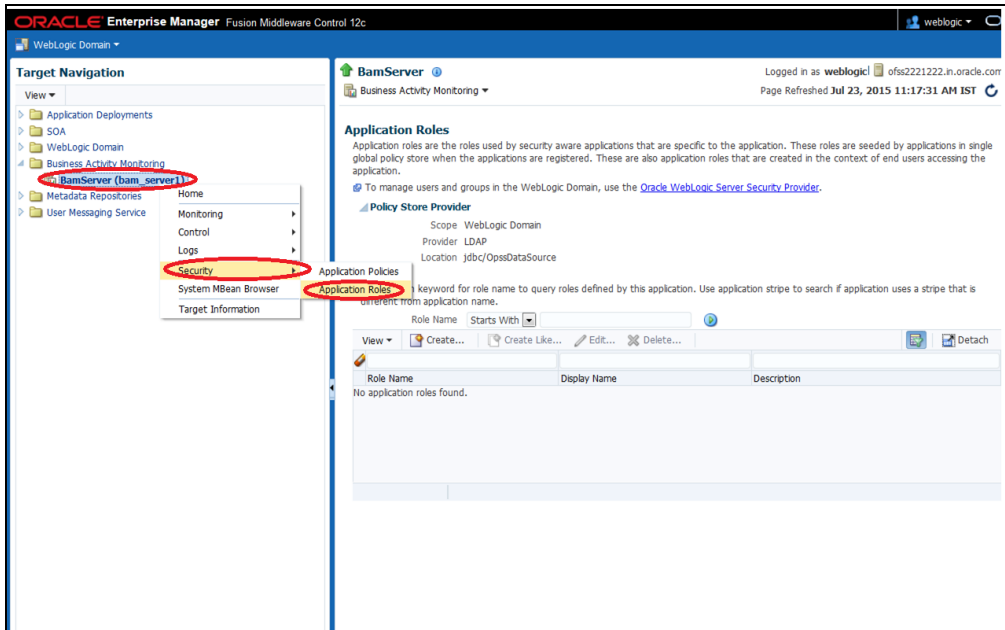
Install Update Delete Start Stop

Showing 1 to 48 of 48 Previous Next

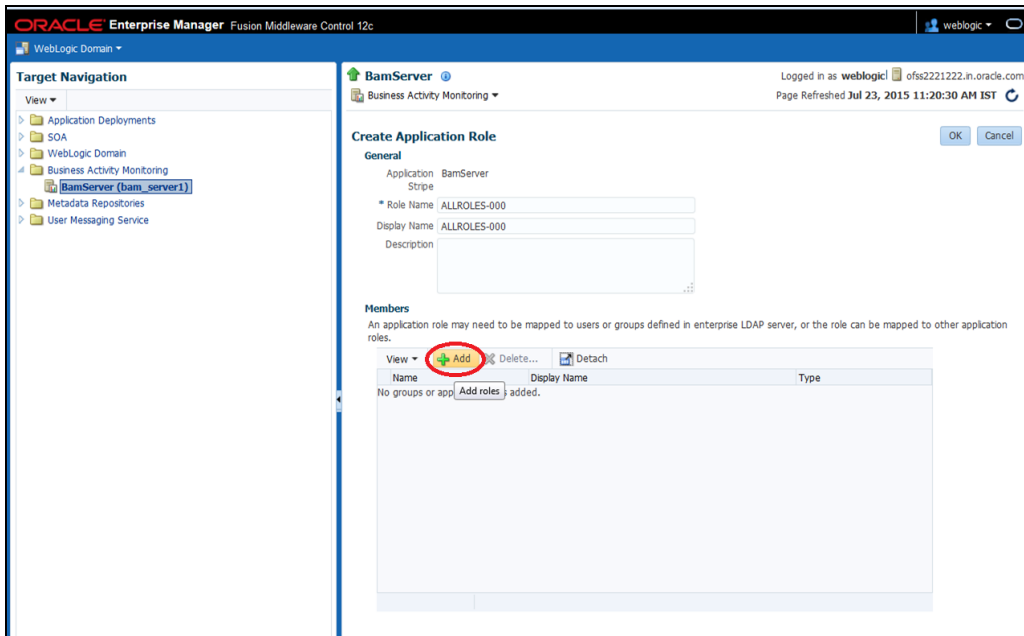
Name	State	Health	Type	Targets	Deployment Order
AqAdapter	Prepared	OK	Resource Adapter	SOAServer	324
mqb2bui	Prepared	OK	Enterprise Application	SOAServer	313
BamComposer	Prepared	OK	Enterprise Application	BAMServer	500
BamCQService	Active	OK	Enterprise Application	BAMServer	300
BamServer	Active	OK	Enterprise 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
EMAdminIT (12.1.0.0.0)	Active	Warning	Enterprise Application	SOAServer	600

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

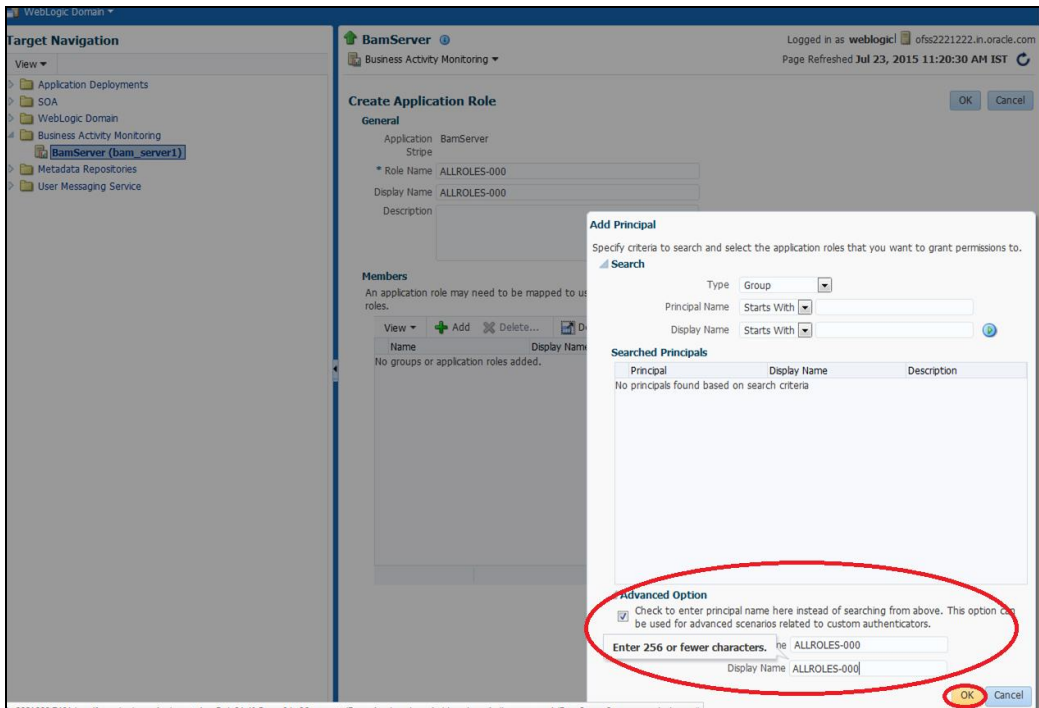
14. Right Click on BAM Server→Security→Application Roles



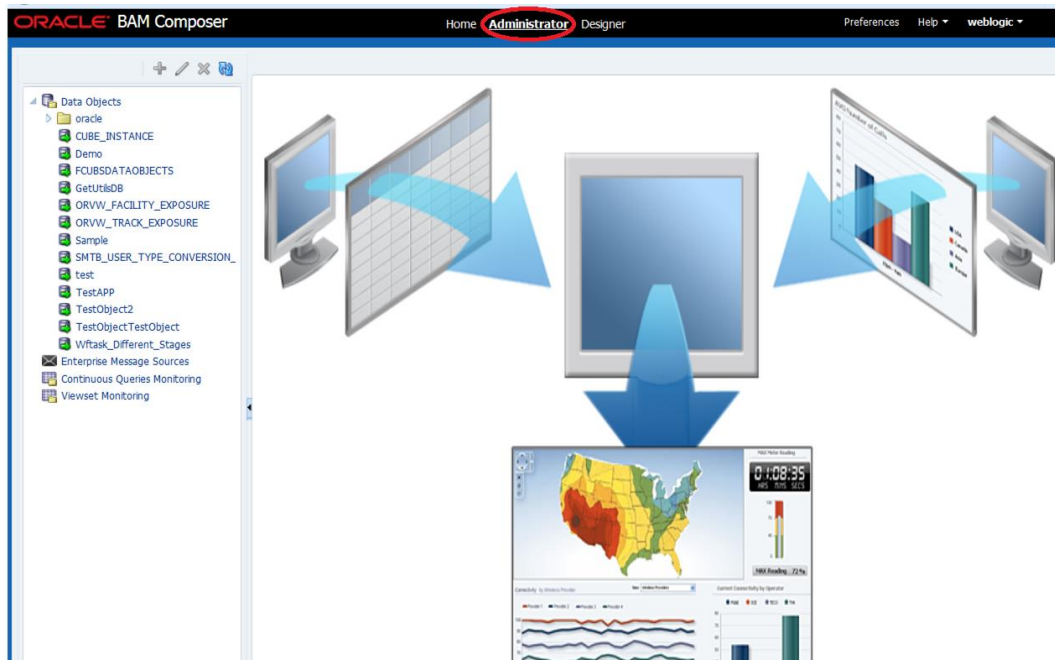
15. Click on Create → create application role with ALL ROLES-000→Click on ADD button in the Members



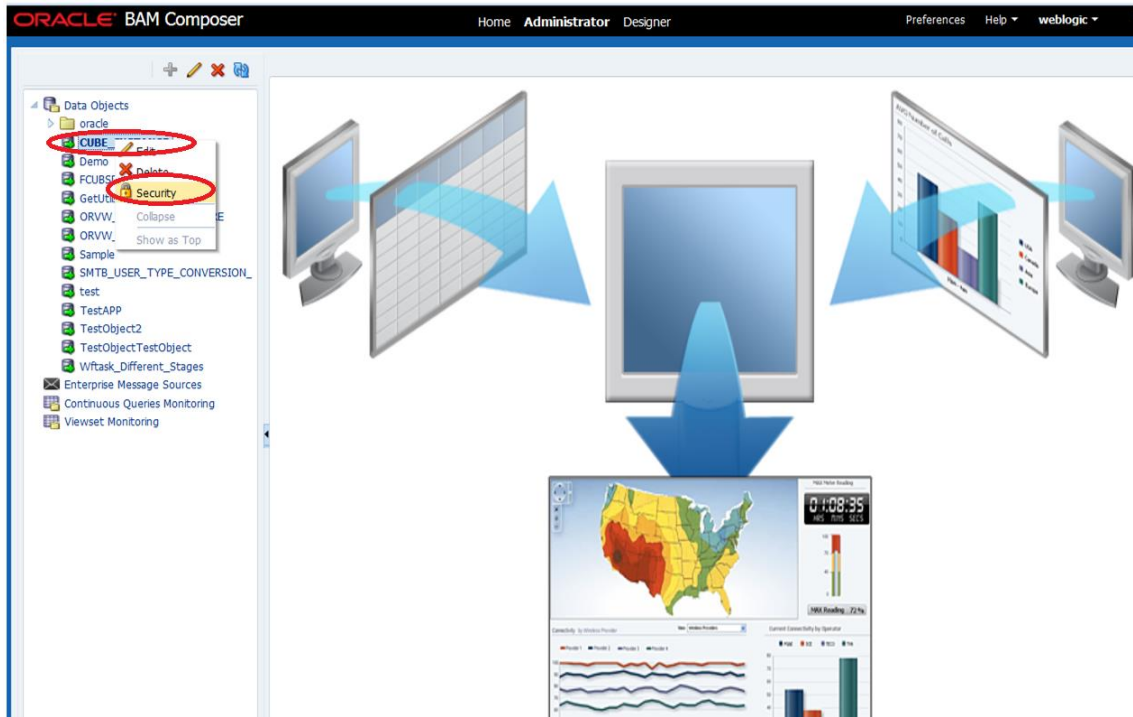
16. Select the Type as Group and add principle details be referring the below screen shot.



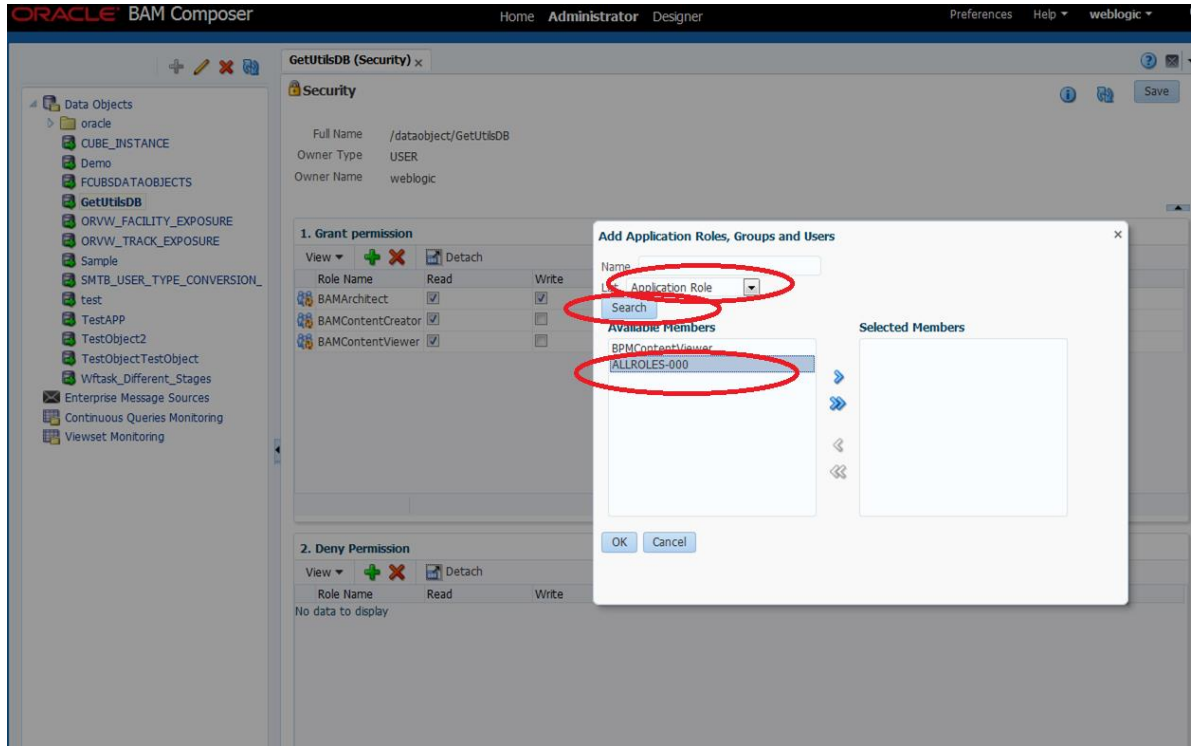
17. Login to BAM Composer → <http://hostname:port/bam/composer> → Click on Administrator.



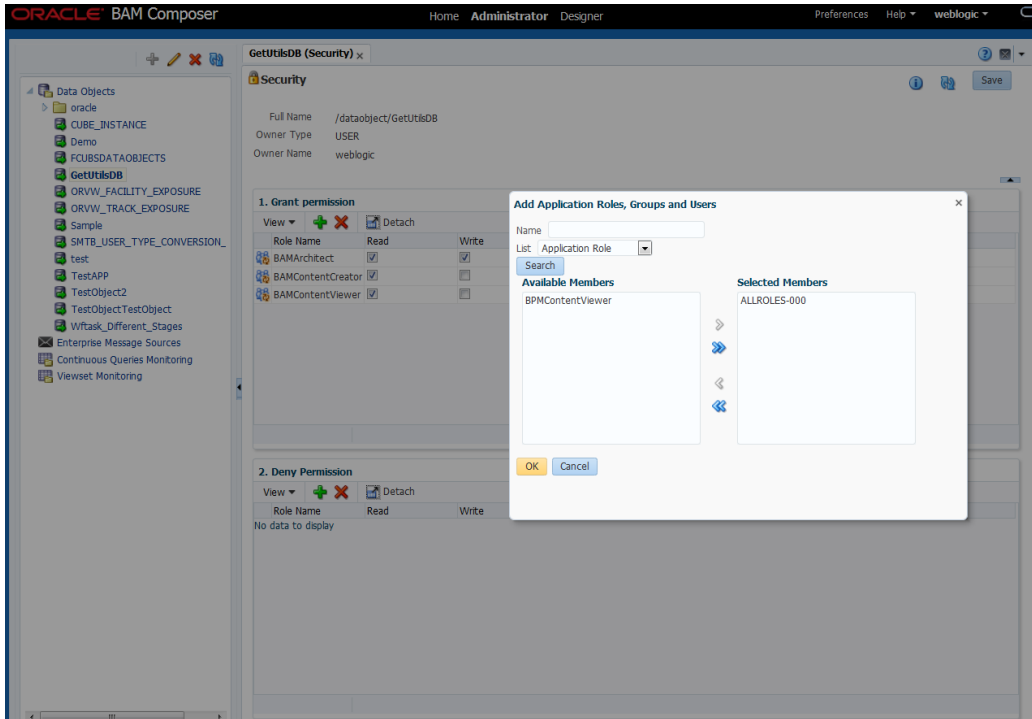
18. Go to Data Object→Right Click on CUBE_INSTANCE→Security



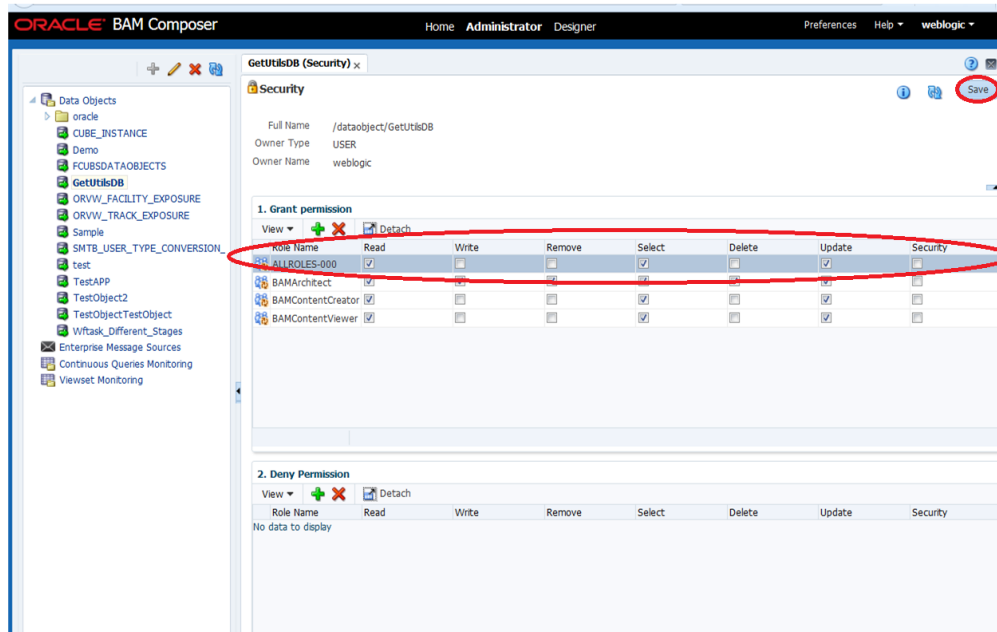
19. Click on Add button under Grant permission and search the list based on the Application Role



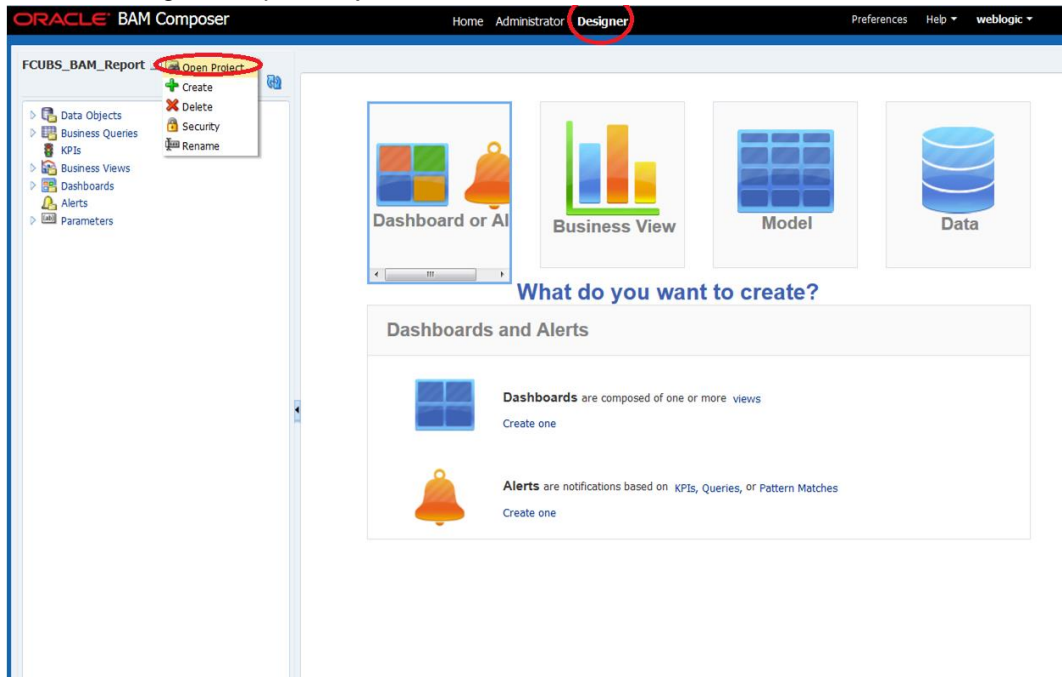
20. Move the ALLROLES-000 to Selected members.



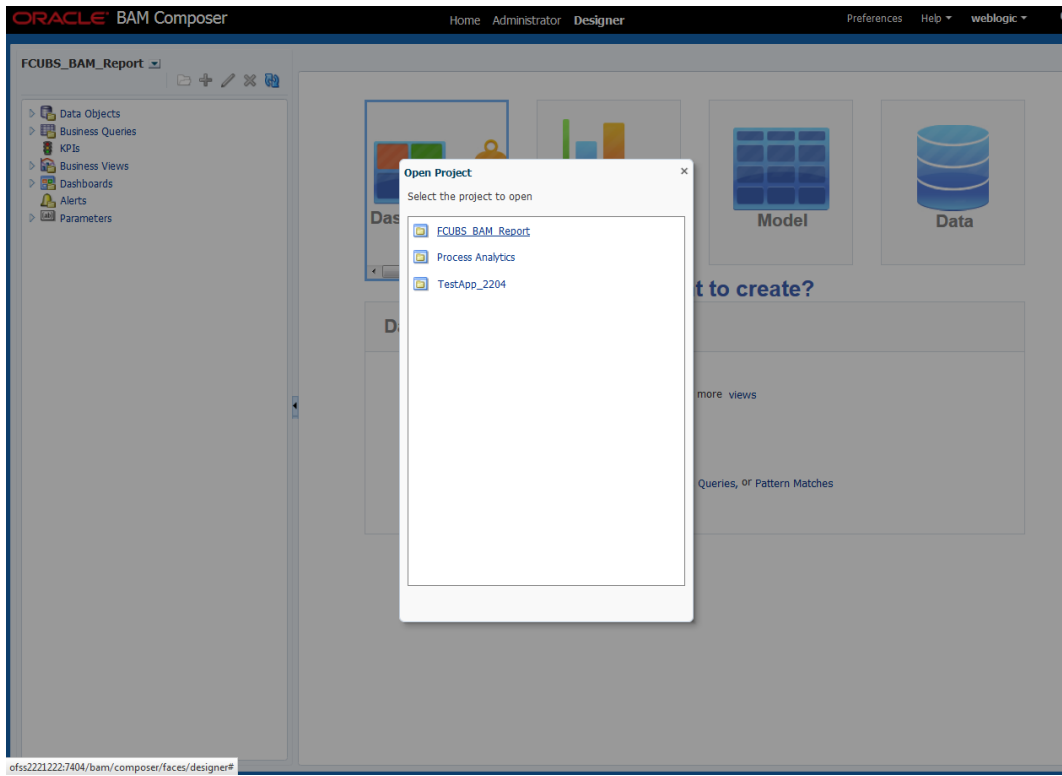
21. Click on read ,select and Update check boxes →Click on Save.



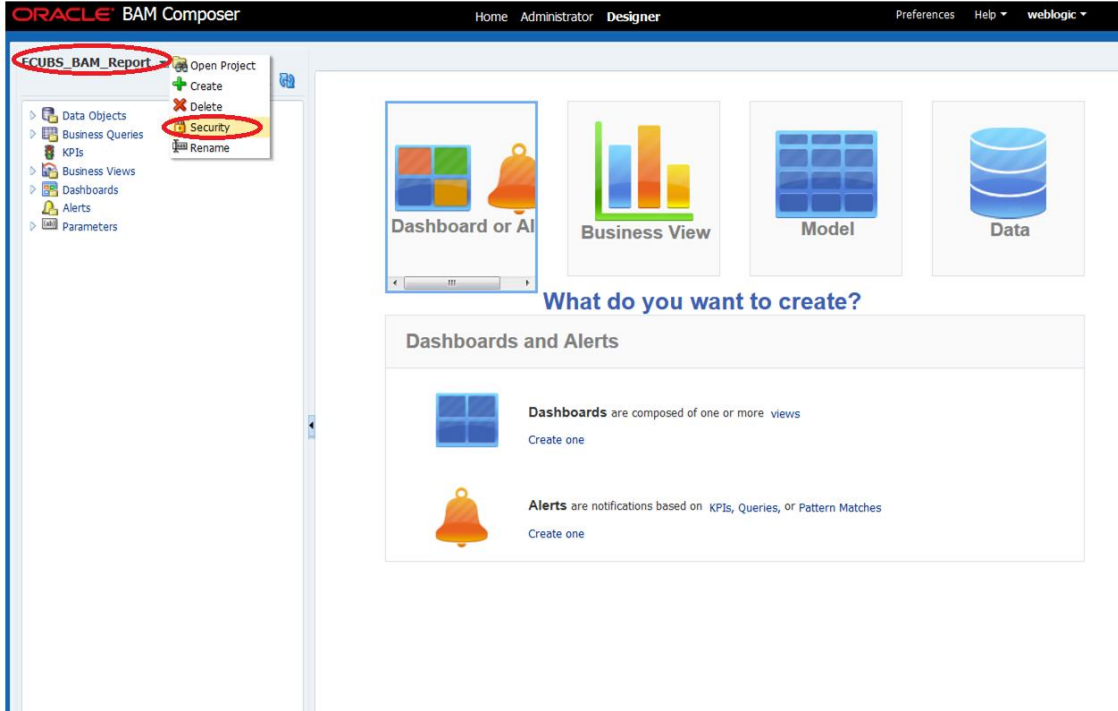
22. Follow the step 17 to 21 for other Data objects also.(cube_instance,wftask_different_stages, ORVW_TRACK_EXPOSURE, ORVW_FACILITY_EXPOSURE, GetUtilsDB, SMTB_USER_TYPE_CONVERSION_VIEW, FCUBSDATAOBJECTS).
23. Click on Designer →open Project



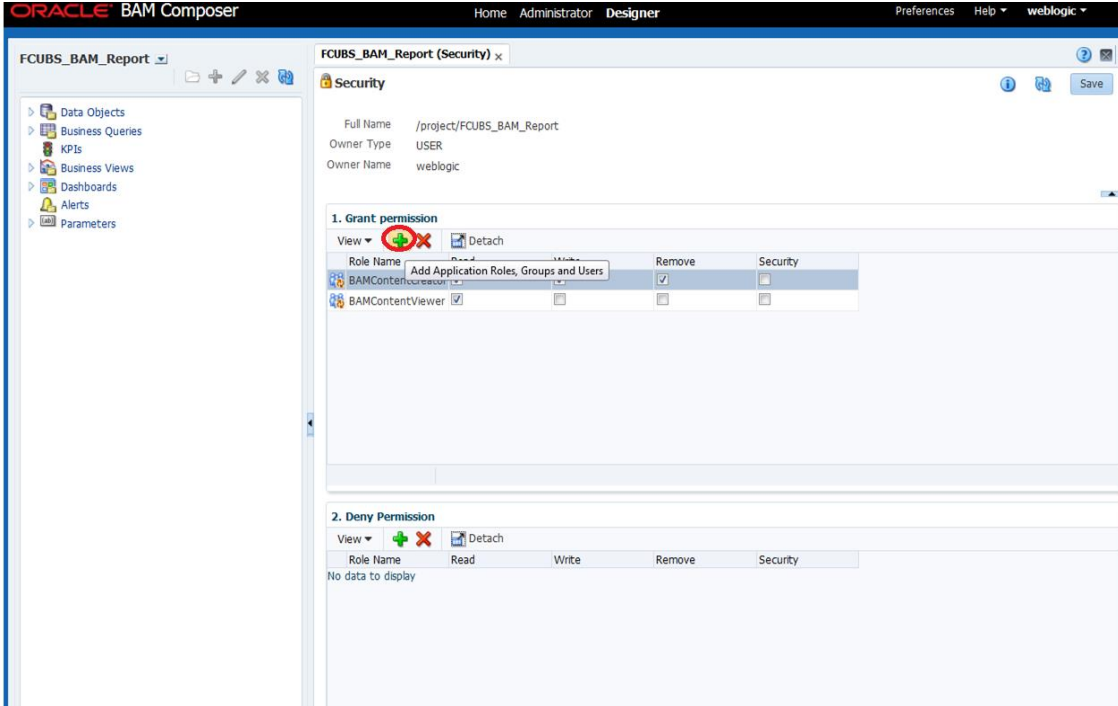
24. Click on FCUBS_BAM_report

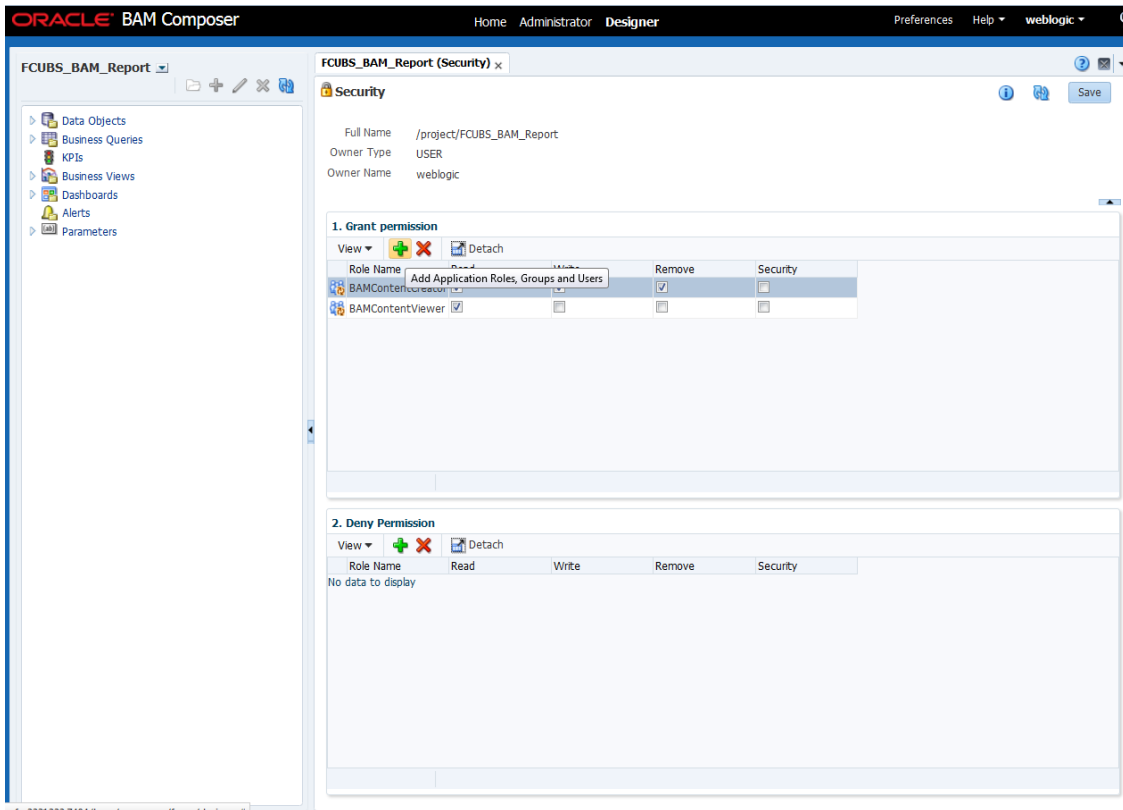


25. click on FCUBS_BAM_Report → Security

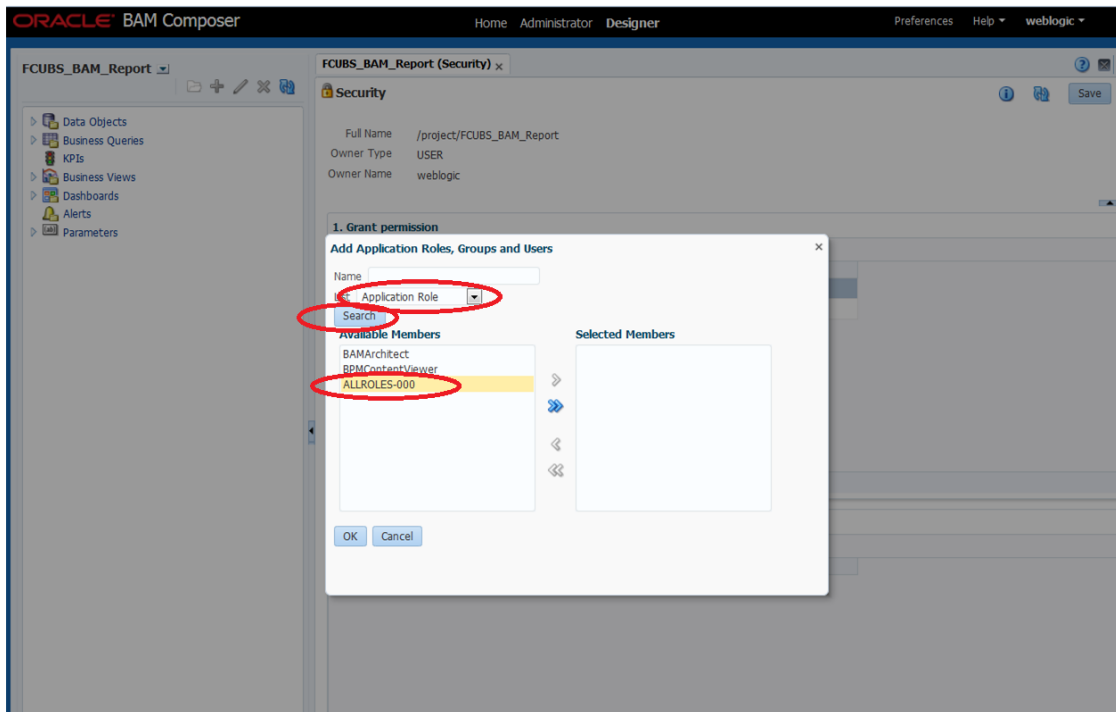


26. Click on ADD button Under Grant Permission.

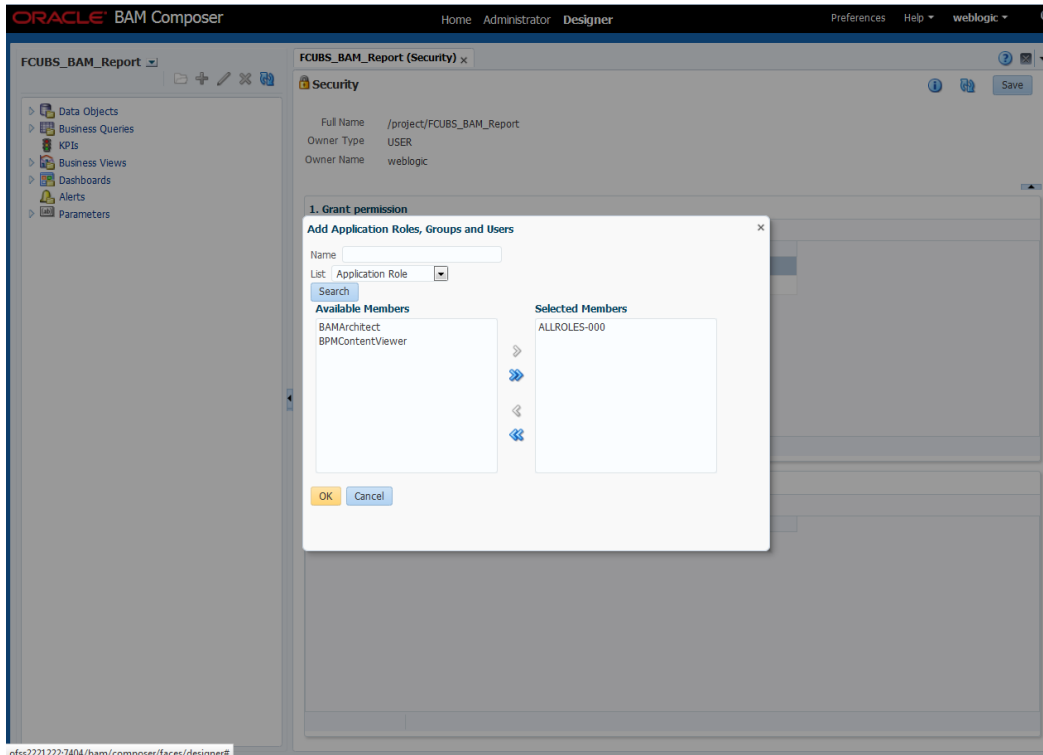




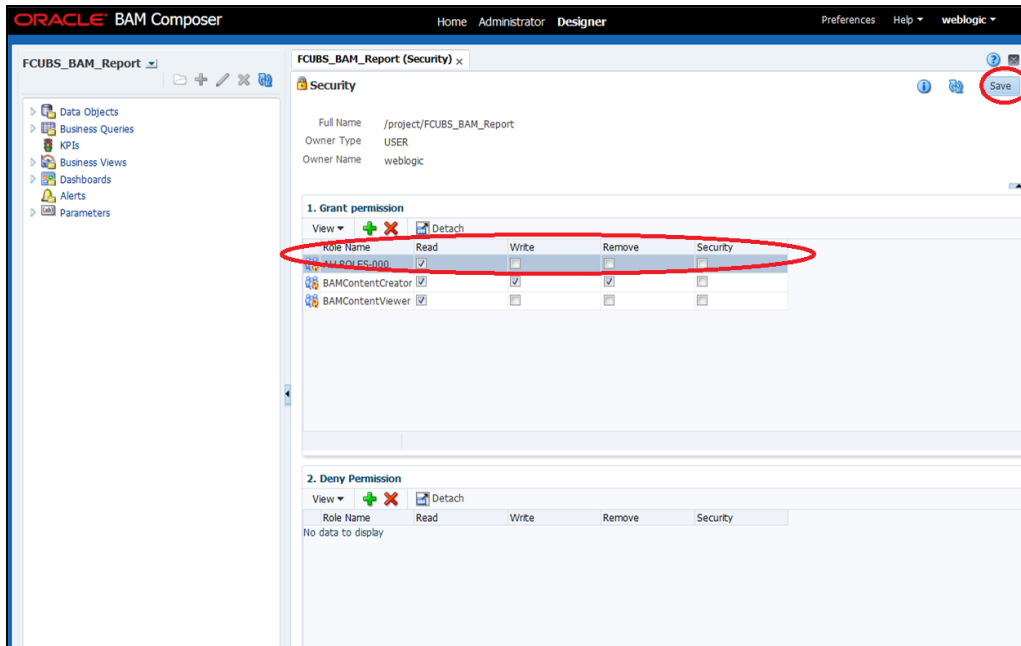
27. Search the List based on the Application Roles and Select the ALLROLES-000



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



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

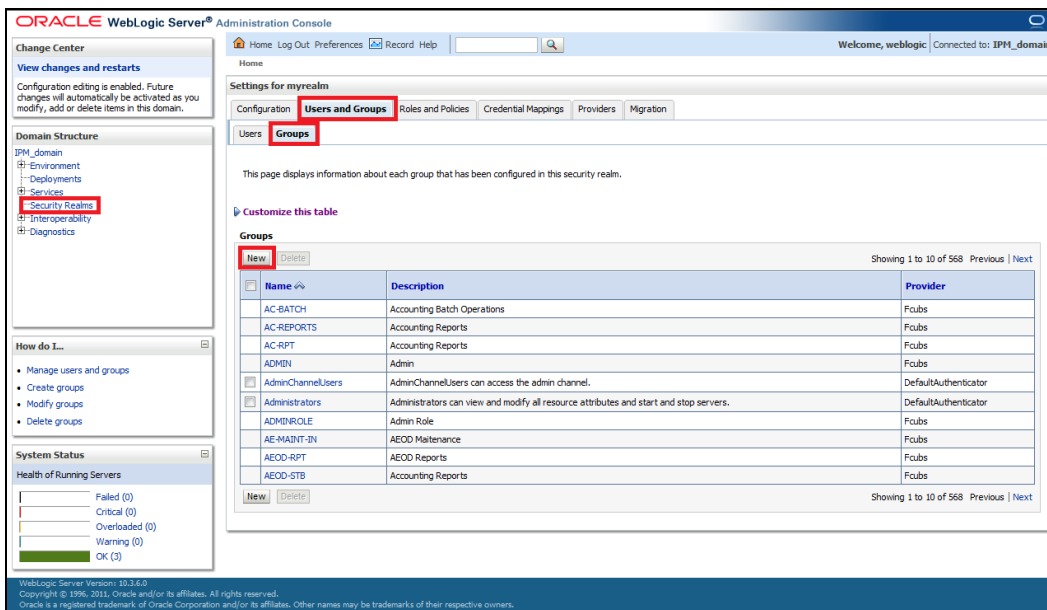


1.2.10 IPM configuration to edit the document

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

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

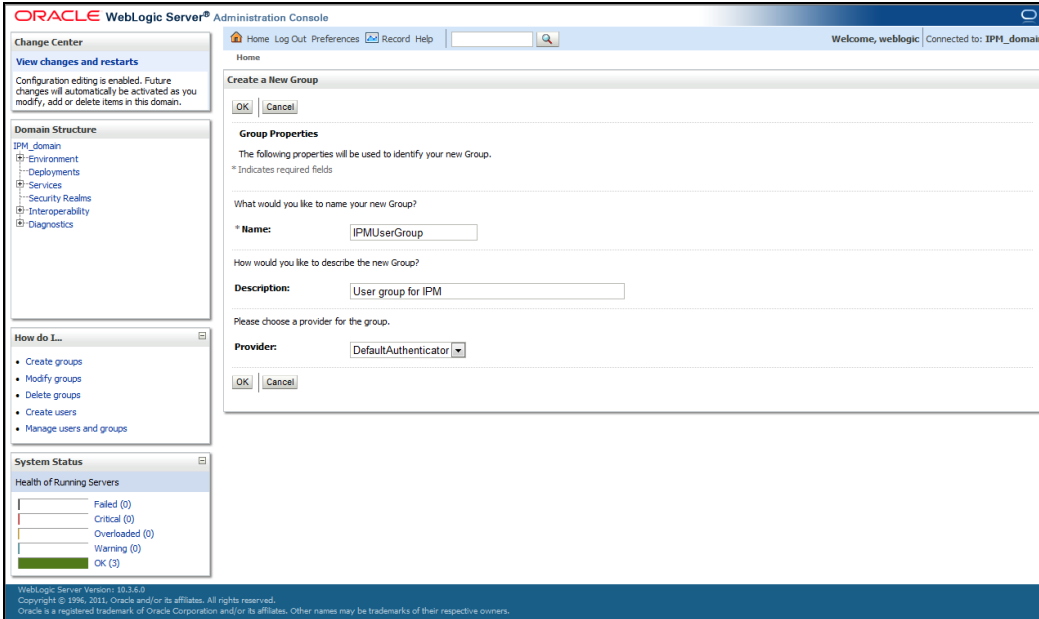
- 3) After adding the custom authenticator,
 - Navigate to security realms >my realm > Users and Groups > Groups.
 - Click on the New button.



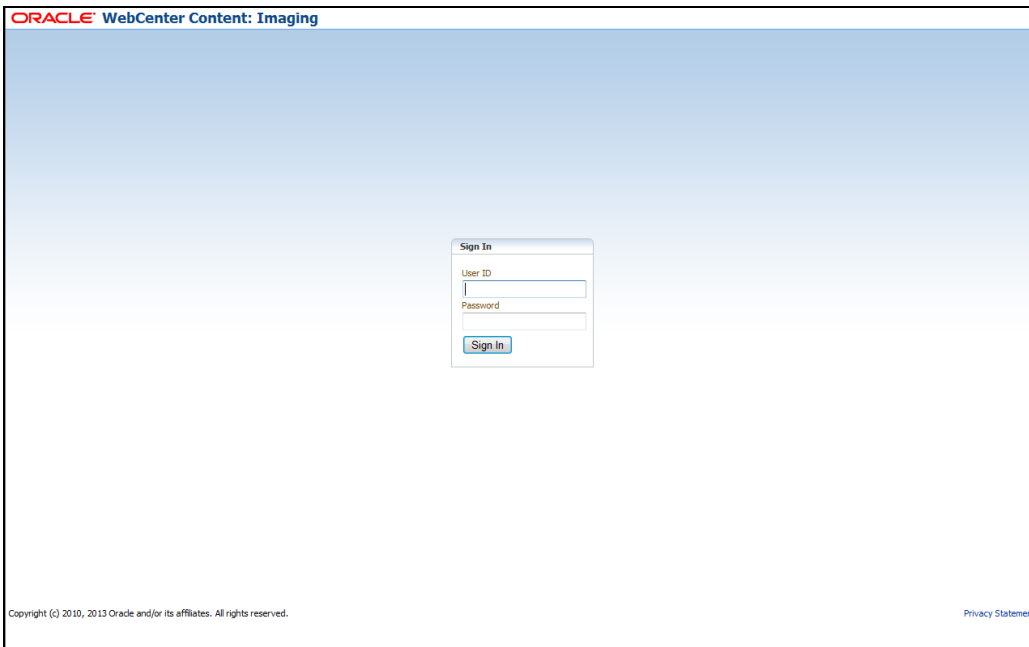
The screenshot shows the Oracle WebLogic Server Administration Console interface. The main content area is titled 'Settings for myrealm' and has tabs for 'Users' and 'Groups'. The 'Groups' tab is active, showing a table of groups. A 'New' button is highlighted in the top left of the table area. The table lists various groups with their names, descriptions, and providers.

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

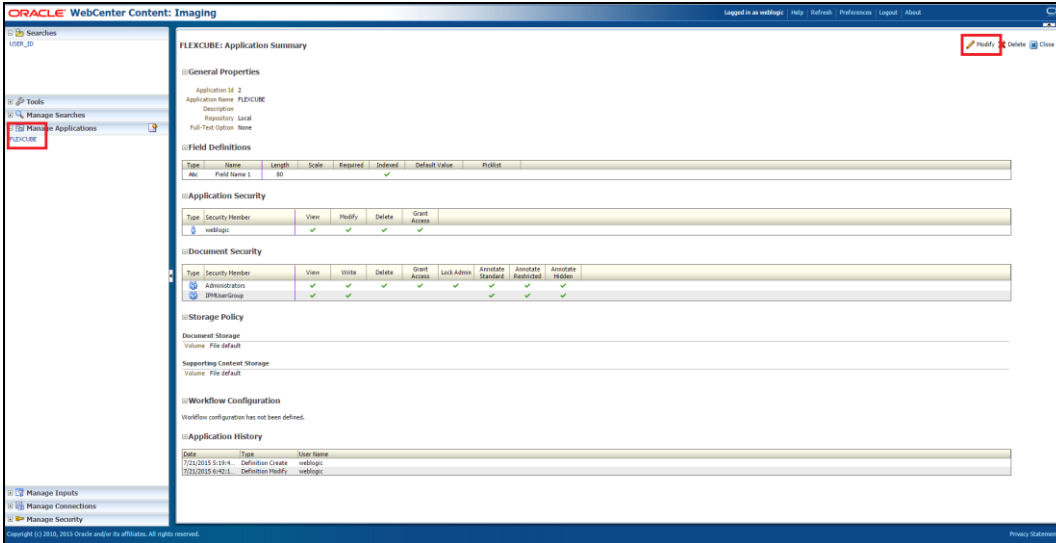
- 4) After Clicking on the new button,
 - Enter the name as “IPMUserGroup”
 - Description for it (optional)
 - And select the authenticator as “DefaultAuthenticator”
 - And then click “Ok”



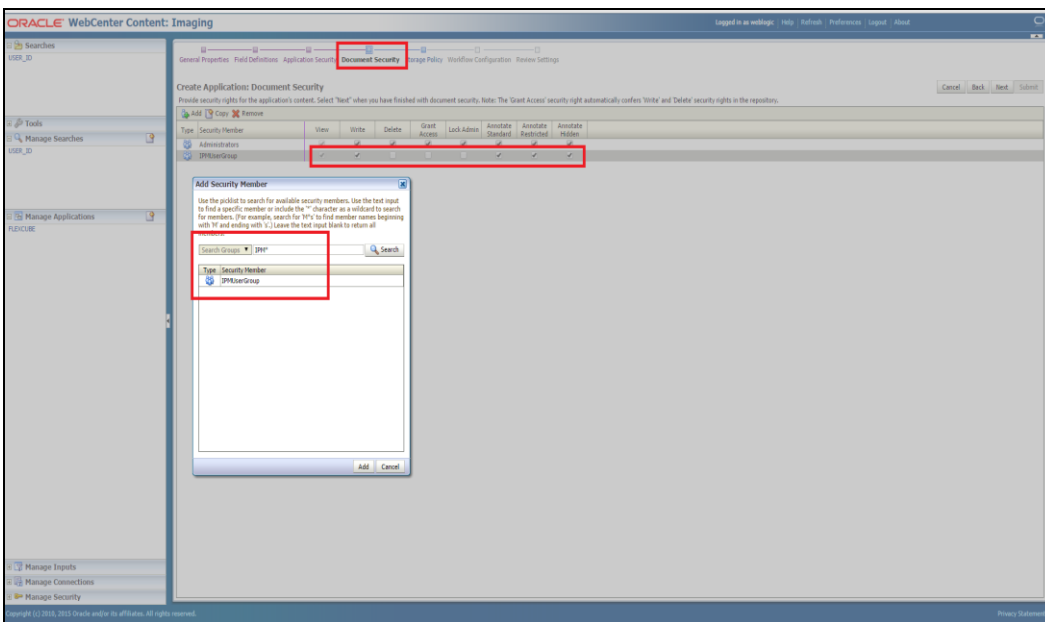
5) Login to the Imaging URL <http://s:<hostname>:<port>/imaging> with admin user



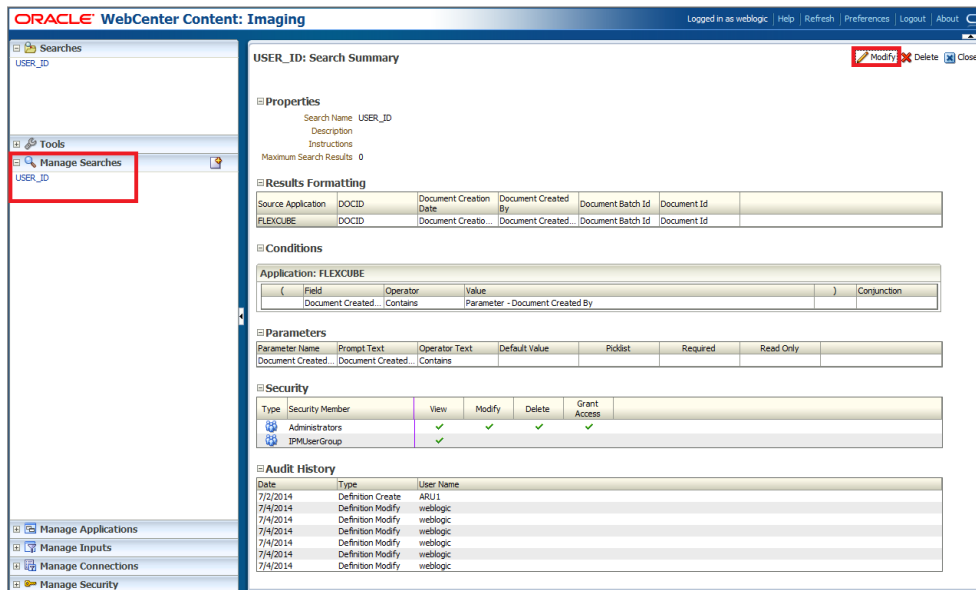
- a. Navigate to Manage Applications
- b. Click on the FLEXCUBE
- c. Then click on the modify on the right pane



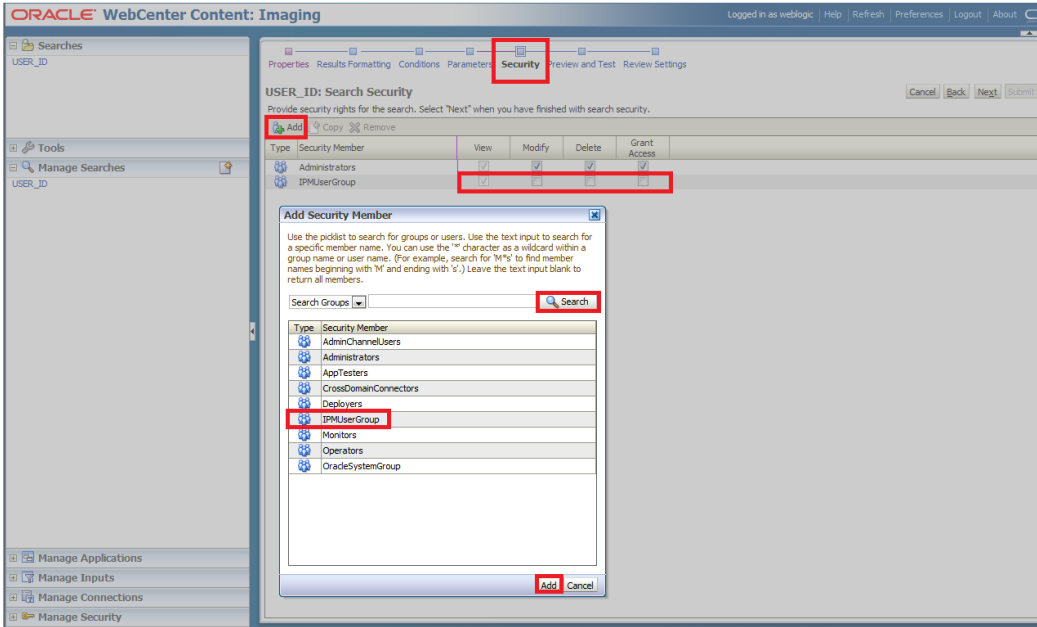
- 6) After clicking on the modify button,
 - a. Navigate to Document Security
 - b. Click on Add button
 - c. Click on Search button in the pop up window
 - d. Select the "IPMUserGroup"
 - e. Click on Add
 - f. IPMUserGroup will be listed in the panel, select view ,write,annotate Standard,Annotate Restricted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



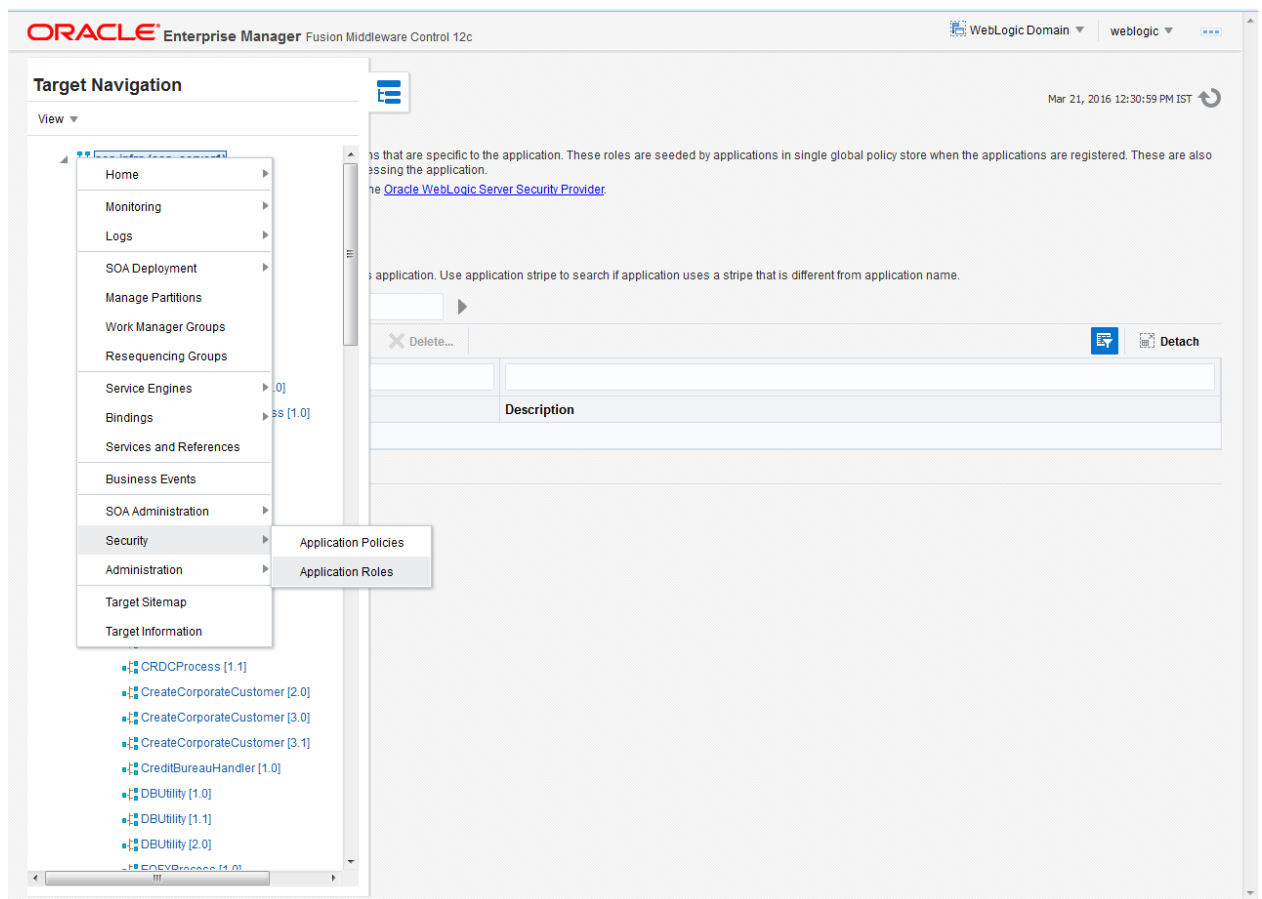
Make sure that the JNDI (jdbc/fcjdevDS) matches the value given during property file creation.

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

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

1.2.11 Configuring Supervisor Roles in EM

1. Right click on soa-infra. Select security→Application Roles



2. Search the Application Roles with “Starts with” option.

ORACLE Enterprise Manager Fusion Middleware Control 12c

WebLogic Domain | weblogic

soa-infra | SOA Infrastructure

Mar 21, 2016 12:30:59 PM IST

Application Roles

Application roles are the roles used by security aware applications that are specific to the application. These roles are seeded by applications in single global policy store when the applications are registered. These are also application roles that are created in the context of end users accessing the application.

To manage users and groups in the WebLogic Domain, use the [Oracle WebLogic Server Security Provider](#).

Policy Store Provider

Search

Enter search keyword for role name to query roles defined by this application. Use application stripe to search if application uses a stripe that is different from application name.

Role Name Starts With

View Create... Create Like... Edit... Delete... Search application roles Detach

Role Name	Display Name	Description
default_Composer	Composer for the Default Partition	A composer is responsible for making changes to composite artifacts, such as business rules in a business process, security poli...
default_Deployer	Composite Deployer for the Default P...	A deployer is responsible for deploying new applications, upgrading existing applications, and managing the continuous integratio...
default_Tester	Tester for the Default Partition	A tester performs integrated black box testing on preproduction systems. A system tester typically runs tests using a combination of...
default_ApplicationOperator	Application Operator for the Default Pa...	An application operator is responsible for handling customer complaints and making decisions on requests that result in faults in t...
default_Monitor	Monitor for the Default Partition	A default partition monitor is responsible for ensuring the successful operations of the deployed applications on the default partition.
MiddlewareOperator	SOA MiddleWare Operator	A middleware operator is responsible for ensuring operational continuity. A middleware operator is also the main point of contact w...
MiddlewareAdministrator	SOA Middleware Administrator	A middleware administrator is responsible for ensuring the continuous availability of the middleware servers, but is not always resp...
SOAAdmin	SOA Admin Role	SOA application admin role, has full privilege for performing any operations including security related
SOAOperator	SOA operator Role	SOA application operator, for common operational tasks like start, stop, monitor, backups
SOAMonitor	SOA Monitor Role	SOA application monitor role, has read-only privileges for monitoring
SOAAuditAdmin	SOA Audit Admin Role	SOA audit administrator role, can perform audit configuratoin and administration
SOAAuditViewer	SOA Audit Viewer Role	SOA audit viewer role, can view audit records
BPMWorkflowAdmin	BPM Workflow System Admin Role	BPM Workflow Administrator Application Role
BPMWorkflowCustomize	BPM Workflow Customize Role	BPM Workflow Customize Application Role
BPMAGAdmin	BPM Activity Guide Admin Role	BPM Activity Guide Administrator Application Role
BPMOrganizationAdmin	BPM Organization Admin role	BPM Organization Administrator Application Role
SOADesigner	SOA Designer	SOA Designer

10.184.133.168:7401/em/faces/as/security/appRolesMain?type=oracle_soainfra&target=/Domain_soa_domain/soa_domain/soa_server1/soa-infra#

3. Select the SOAAdmin Role and Click on 'Edit option'.

The screenshot shows the Oracle Enterprise Manager interface for Fusion Middleware Control 12c. The page title is "Application Roles" under the "soa-infra" domain. It provides a search function for roles and a table listing various roles. The "SOAAdmin" role is highlighted in blue.

Application Roles
 Application roles are the roles used by security aware applications that are specific to the application. These roles are seeded by applications in single global policy store when the applications are registered. These are also application roles that are created in the context of end users accessing the application.
 To manage users and groups in the WebLogic Domain, use the [Oracle WebLogic Server Security Provider](#).

Policy Store Provider

Search

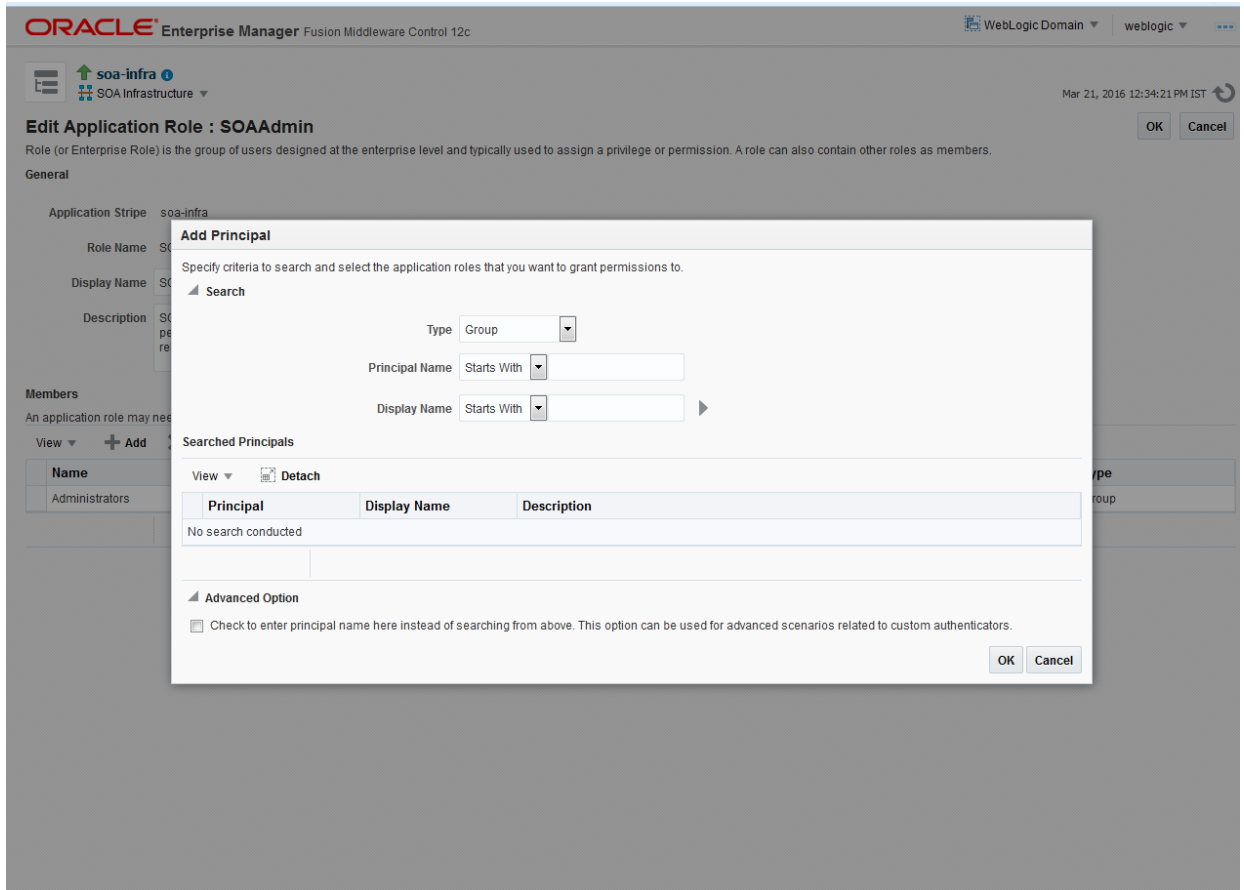
Enter search keyword for role name to query roles defined by this application. Use application stripe to search if application uses a stripe that is different from application name.

Role Name Starts With

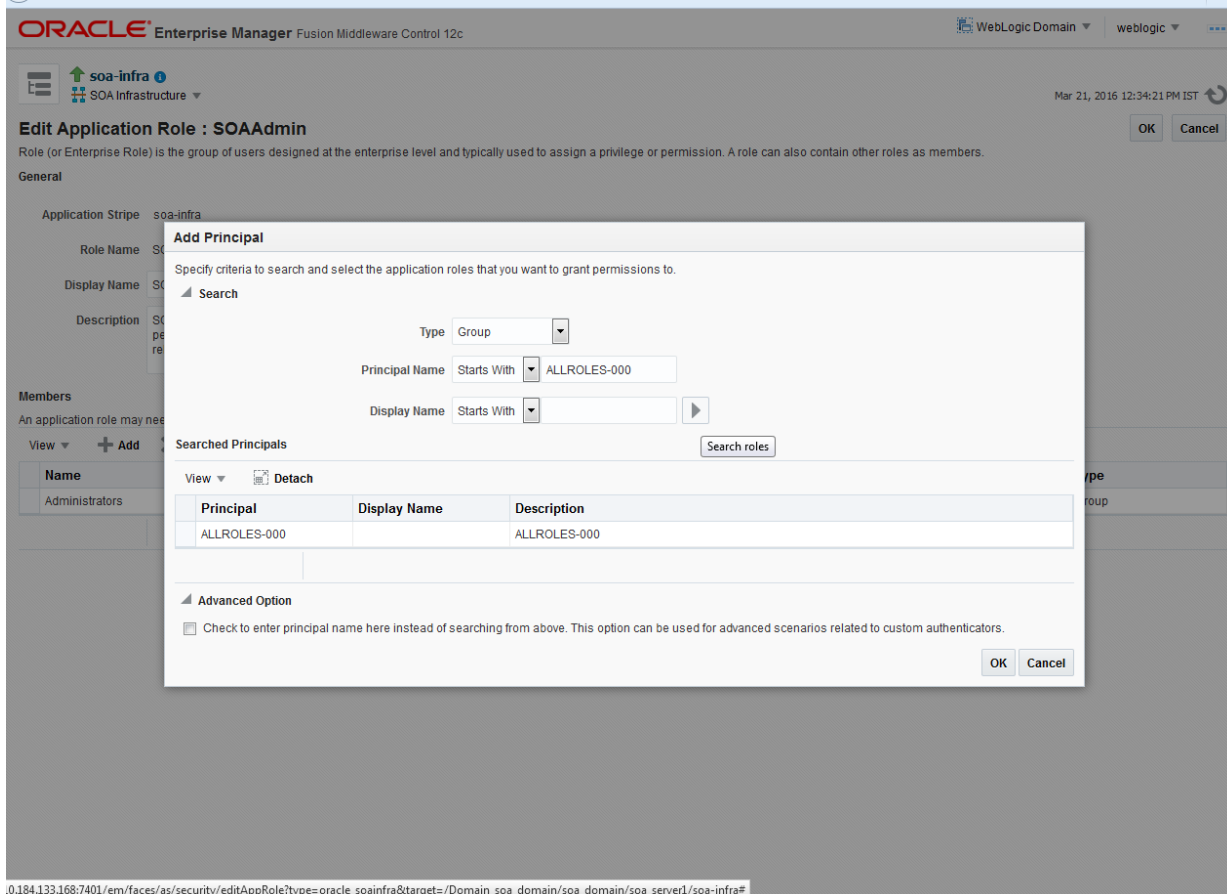
View Create... Create Like... Edit... Delete... Detach

Role Name	Display Name	Description
default_Composer	Composer for the Default Partition	A composer is responsible for making changes to composite artifacts, such as business rules in a business process, security poli...
default_Deployer	Composite Deployer for the Default P...	A deployer is responsible for deploying new applications, upgrading existing applications, and managing the continuous integratio...
default_Tester	Tester for the Default Partition	A tester performs integrated black box testing on preproduction systems. A system tester typically runs tests using a combination of...
default_ApplicationOperator	Application Operator for the Default Pa...	An application operator is responsible for handling customer complaints and making decisions on requests that result in faults in t...
default_Monitor	Monitor for the Default Partition	A default partition monitor is responsible for ensuring the successful operations of the deployed applications on the default partition.
MiddlewareOperator	SOA MiddleWare Operator	A middleware operator is responsible for ensuring operational continuity. A middleware operator is also the main point of contact w...
MiddlewareAdministrator	SOA Middleware Administrator	A middleware administrator is responsible for ensuring the continuous availability of the middleware servers, but is not always resp...
SOAAdmin	SOA Admin Role	SOA application admin role, has full privilege for performing any operations including security related
SOAOperator	SOA operator Role	SOA application operator, for common operational tasks like start, stop, monitor, backups
SOAMonitor	SOA Monitor Role	SOA application monitor role, has read-only privileges for monitoring
SOAAuditAdmin	SOA Audit Admin Role	SOA audit administrator role, can perform audit configuratoin and administration
SOAAuditViewer	SOA Audit Viewer Role	SOA audit viewer role, can view audit records
BPMWorkflowAdmin	BPM Workflow System Admin Role	BPM Workflow Administrator Application Role
BPMWorkflowCustomize	BPM Workflow Customize Role	BPM Workflow Customize Application Role
BPMAGAdmin	BPM Activity Guide Admin Role	BPM Activity Guide Administrator Application Role
BPMOrganizationAdmin	BPM Organization Admin role	BPM Organization Administrator Application Role
SOADesigner	SOA Designer	SOA Designer

4. Click on the ADD button and provide the **Type** as Group from drop down.



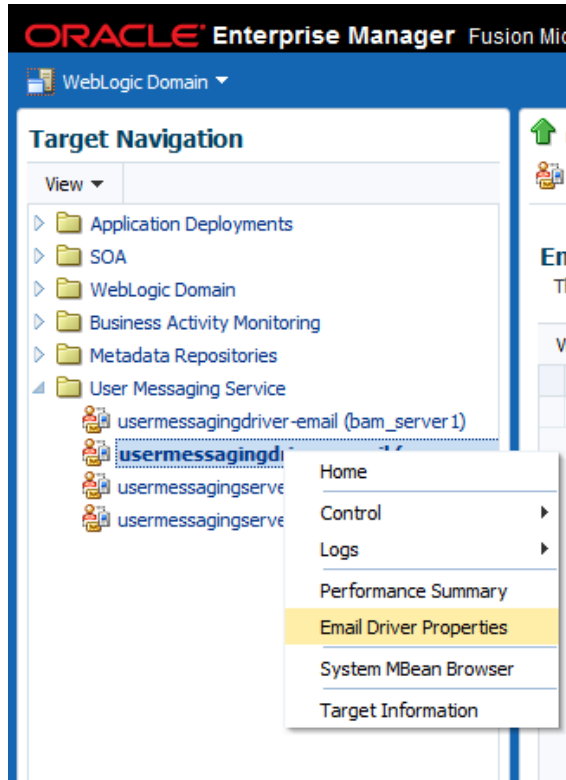
5. Provide the principal name as (EX:ALLROLES-000) Param_val which is mapped to the OR_ADMINROLE in the cstb_param table and search the role. Click on ok.



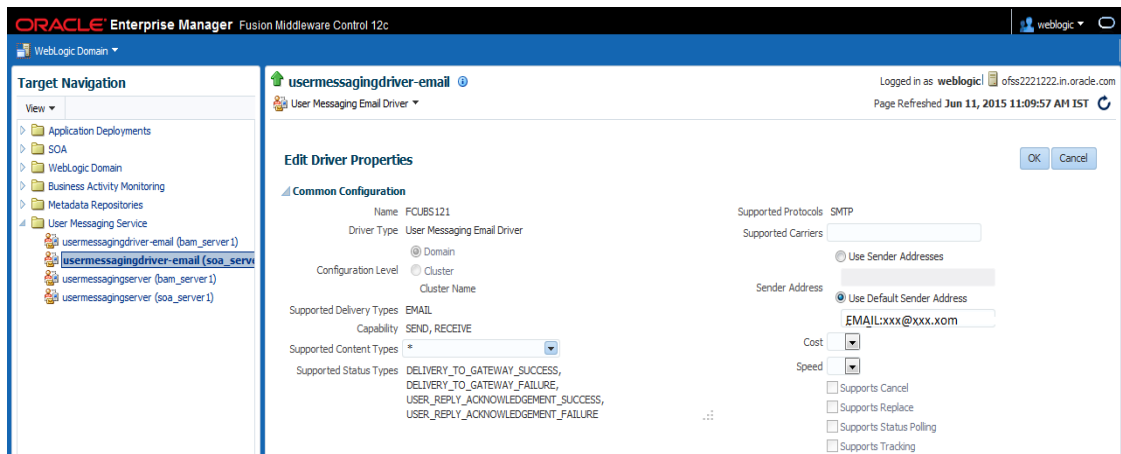
6. Click on Ok .

1.2.12 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

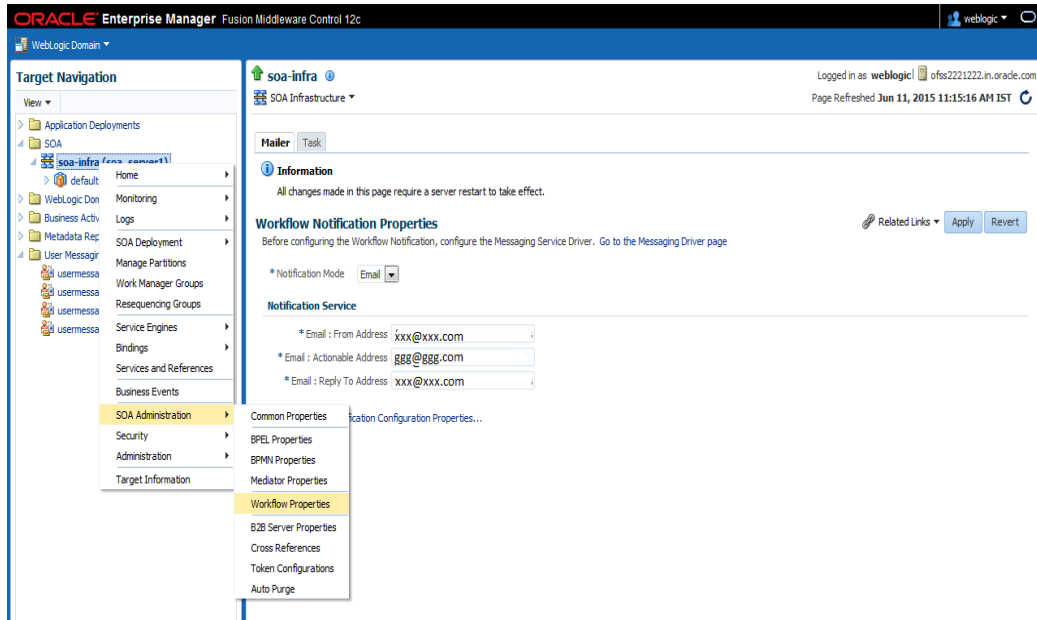
Name	Description	Mandatory	Encoded Credential	Value
E-mail Receiving Protocol	E-mail receiving protocol. The possible values are IMAP and POP3.			IMAP
Connection Retry Limit	This value specifies the number of times to retry connecting to the incoming mail server, if the connection is lost due to some 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.			XXXXX
Outgoing Mail Server Port	Outgoing Mail Server Port			25
Outgoing Mail Server Security	The security used by SMTP server. Possible values are None, TLS and SSL. Default value is None.			None
Default From Address	Deprecated. Use Default Sender Address instead. The default FROM address (if one is not provided in the outgoing message).			xxx@xxx.com
Outgoing Username	The username used for SMTP authentication. Required only if SMTP authentication is supported by the SMTP server.			

13. Navigate to SOA Administration ->Workflow Properties



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

1.2.13 TimeOut Settings for BPEL

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

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 Servers > AlphaDomain > Summary of Servers > Summary of Deployments > soa-infra > BPELEngineBean

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 Applications Security Settings

Domain Structure

- AlphaDomain
 - Environment
 - Servers
 - Clusters
 - Coherence Clusters
 - Machines
 - Virtual Hosts
 - Work Managers
 - Startup and Shutdown Classes
 - Deployments
 - soa-infra
 - Services
 - Security Realms
 - Interoperability
 - WTC Servers

How do I...

- Search the configuration
- Use the Change Center
- Record WLST Scripts
- Change Console preferences
- Manage Console extensions
- Monitor servers

System Status

Health of Running Servers

Failed	(0)
Critical	(0)
Overloaded	(0)
Warning	(0)

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

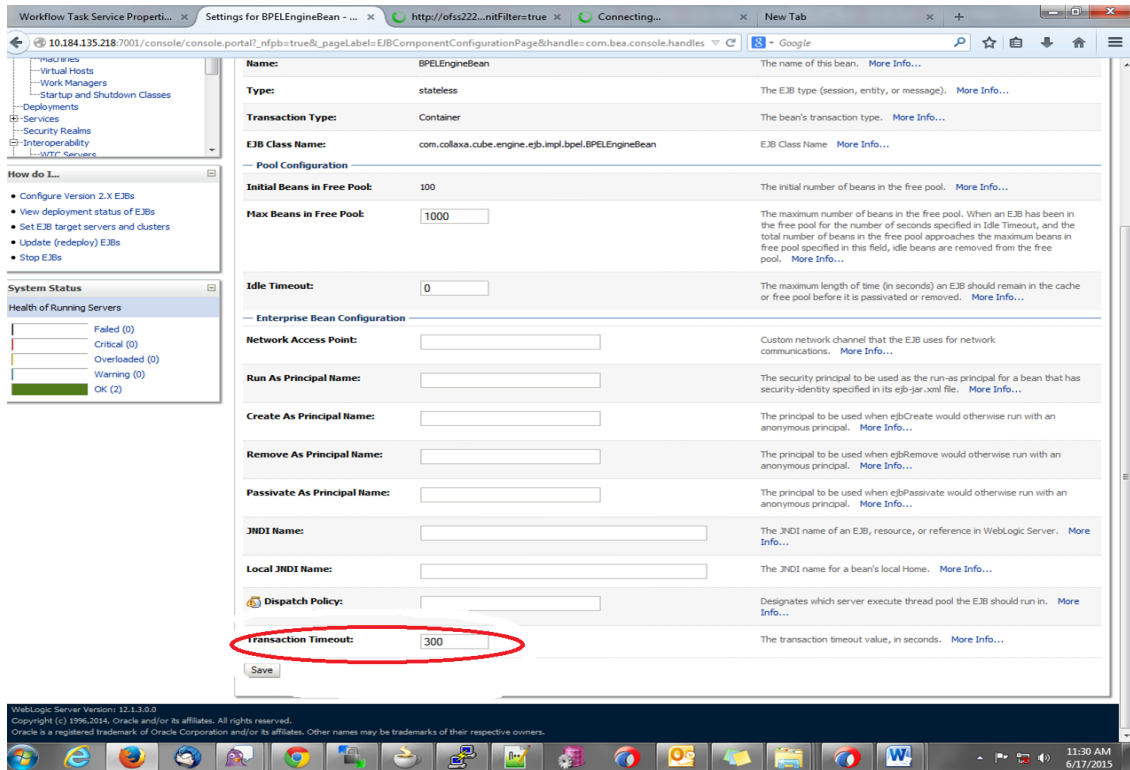
- Monitoring Dashboard

3. Click on "soa-infra" application under deployments.

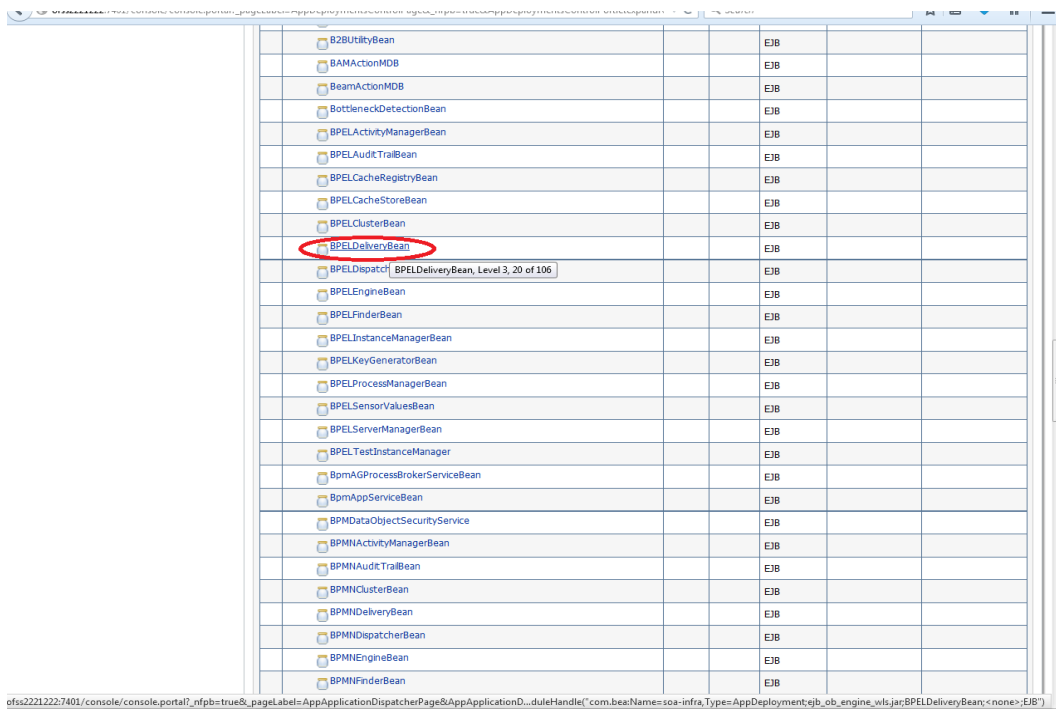
Name	State	Health	Type	Targets	Deployment Order
oracle.wsm.console.core.view(1.0,12.1.3.0)	Active		Library	AdminServer	311
oracle.wsm.seedpolicies(2.0,12.1.3)	Active		Library	AdminServer, BAMServer, SOAServer	100
OracleAppsAdapter	Active	OK	Resource Adapter	SOAServer	328
OracleBamAdapter	Installed		Resource 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
ora18n-adf(11.1.1.1.1.0)	Active		Library	AdminServer, BAMServer, SOAServer	100
owasp.esapi(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-webapps	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. Go to EJBs, click on BPELEngineBean → Configuration → set Transaction Timeout to 300.

B2BInstanceMessageBean	EJB
B2BIntegratorBean	EJB
B2BMetadataUtilityBean	EJB
B2BStarterBeanWLS	EJB
B2BUtilityBean	EJB
BAMActionMDB	EJB
BeamActionMDB	EJB
BottleneckDetectionBean	EJB
BPelaActivityManagerBean	EJB
BPelaAuditTrailBean	EJB
BPelaCacheRegistryBean	EJB
BPelaCacheStoreBean	EJB
BPelaClusterBean	EJB
BPelaDeliveryBean	EJB
BPelaDispatcherBean	EJB
BPELEngineBean	EJB
BPelaFind (BPELEngineBean, Level 3, 22 of 106)	EJB
BPelaInstanceManagerBean	EJB
BPelaKeyGeneratorBean	EJB
BPelaProcessManagerBean	EJB
BPelaSensorValuesBean	EJB
BPelaServerManagerBean	EJB
BPelaTestInstanceManager	EJB
BpmAGProcessBrokerServiceBean	EJB
BpmAppServiceBean	EJB
BPMDataObjectSecurityService	EJB
BPMNActivityManagerBean	EJB
BPMNAuditTrailBean	EJB
BPMNClusterBean	EJB



5. Go to EJBs→BPEL DeliveryBean→ Configuration→set Transaction TimeOut to 300



The screenshot displays the configuration page for an EJB in the Oracle WebLogic Server console. On the left, there are panels for 'How do I...' (with links like 'Configure Version 2.X EJBs') and 'System Status' (showing 'Health of Running Servers' with 4 OK servers). The main area shows configuration details for the EJB 'com.colaxa.cube.engine.ejb.impl.bpel.BPELDeliveryBean'. The 'Transaction Timeout' field is circled in red and contains the value '1800'. Other fields include 'Initial Beans in Free Pool' (200), 'Max Beans in Free Pool' (1000), and 'Idle Timeout' (0). The 'Enterprise Bean Configuration' section contains several other fields, all currently empty.

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

The screenshot displays the Oracle WebLogic Server Administration Console 12c interface. The main content area is titled "Settings for dev_domain" and shows the "JTA" configuration tab. The "Timeout Seconds" field is highlighted with a red circle and contains the value 3600. Other configuration fields include Abandon Timeout Seconds (86400), Before Completion Iteration Limit (10), Max Transactions (10000), Max Unique Name Statistics (1000), Checkpoint Interval Seconds (300), and Forget Heuristics (checked). The left sidebar shows the Domain Structure and System Status sections.

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

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

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

ORACLE Enterprise Manager Fusion Middleware Control 12c

WebLogic Domain

soa-infra (5) Home

Application Deployments

SOA

soa-infra (5)

- default
- Amend Monitoring
- Amend Logs
- Amend SOA Deployment
- BPUPM Manage Partitions
- BPCLC Work Manager Groups
- BPCLC Resequencing Groups
- bpelcv Service Engines
- BPCLC Bindings
- CTBLP Services and References
- CloseF Business Events
- CloseR SOA Administration
- COLLA Security
- CRDCF Administration
- CredE Target Information
- CredE Target Information
- CRPClosureProcess [1.0]
- CRPProcess [1.0]
- CRPProcess [2.0]
- CurrentAccountCreationWithCreditFacility
- DBUtlity [1.0]
- DBUtlity [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]

Common Properties

BPEL Properties

BPMN Properties

Mediator Properties

Workflow Properties

B2B Server Properties

Cross References

Token Configurations

Auto Purge

soa-infra

SOA Infrastructure

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

Business Transaction Faults

Search

Profile: **BPM BASIC**

Instance Tracking: **Production**

Default Query Duration: **Last 24 Hours**

Auto Purge: **Enabled**

Last* 24 Hours

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

Composites and Adapters Availability

SOA Runtime Health

SOAServer

soa-infra (SOAServer)

Initialized Successfully

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

System Backlogs

Last* 24 Hours

Refresh region to show the latest data.

Messages in Queues:

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

Recent In

- With Fa
- All

Composite

Sensor Name

11:36 AM 6/17/2015

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

10.184.135.218:7001/em/faces/soa/browser/mbeans?Adf-Page-Id=13&mbeanPattern=oracle.as.soainfra.config%3Dbpel%2C*&target=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]
BPCLCOLLATProcess [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]
CRDCProcess [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]
EQFXProcess [1.0]
EXPProcess [1.0]
ExternalValuation [2.0]
InitiateFCUBSORRetailLoanPayment [1.0]
InitiateKYCheckFCUBSORService [1.0]
InitiateRetailLoanContractFCUBSORService [1.0]
InitiateRetailLoanPaymentFCUBSORService [1.0]
InitiateRiskEvaluationFCUBSORService [1.0]
KYCheck [2.0]
KYCCorporateReview [2.0]

soa-infra
SOA Infrastructure
Logged in as admin | ofss220692.in.oracle.com
Page Refreshed Jun 17, 2015 11:37:36 AM IST

System MBean Browser
Application Defined MBeans: BPCLConfig:bpel

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

Show MBean Information

Attributes	Operations	Notifications	Name	Description	Access	Value
			22	MaximumNumberOfInvokeMessagesInMemoryCache 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.config:mar
			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	QualityOfServiceOneWayDeliveryPolicyUsed 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

11:37 AM 6/17/2015

1.3 **Integrating Oracle FLEXCUBE UBS and Scheduler**

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

1.3.1 **Running Backend Scripts**

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

Follow the steps given below:

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



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

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

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

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

Deployment from Weblogic Administration Console

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

1.5 **Integrating Oracle FLEXCUBE UBS and MBean**

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

1.5.1 **Startup Script Modification**

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

To change the system property, follow the steps given below:

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

- d) Search for 'WLS_REDIRECT_LOG'. After '%JAVA_OPTIONS%' add the following code under 'if' and 'else' conditions.

"-Dtoplink.xml.platform=oracle.toplink.platform.xml.jaxp.JAXPPlatform"

Now, the details will look like this:

```
if "%WLS_REDIRECT_LOG%"==" " (

    echo Starting WLS with line:

    echo %JAVA_HOME%\bin\java %JAVA_VM% %MEM_ARGS% -
Dweblogic.Name=%SERVER_NAME% -
Djava.security.policy=%WL_HOME%\server\lib\weblogic.policy
%JAVA_OPTIONS% %PROXY_SETTINGS% %SERVER_CLASS%

    %JAVA_HOME%\bin\java %JAVA_VM% %MEM_ARGS% -
Dweblogic.Name=%SERVER_NAME% -
Djava.security.policy=%WL_HOME%\server\lib\weblogic.policy
%JAVA_OPTIONS% -
Dtoplink.xml.platform=oracle.toplink.platform.xml.jaxp.JAXPPlatform
%PROXY_SETTINGS% %SERVER_CLASS%

) else (

    echo Redirecting output from WLS window to %WLS_REDIRECT_LOG%

    %JAVA_HOME%\bin\java %JAVA_VM% %MEM_ARGS% -
Dweblogic.Name=%SERVER_NAME% -
Djava.security.policy=%WL_HOME%\server\lib\weblogic.policy
%JAVA_OPTIONS% -
Dtoplink.xml.platform=oracle.toplink.platform.xml.jaxp.JAXPPlatform
%PROXY_SETTINGS% %SERVER_CLASS% >"%WLS_REDIRECT_LOG%" 2>&1

)
```

- e) Restart the Weblogic server.



Setting up Plug - Ins
[September] [2017]
Version 12.5.0.0.0

Oracle Financial Services Software Limited
Oracle Park
Off Western Express Highway
Goregaon (East)
Mumbai, Maharashtra 400 063
India

Worldwide Inquiries:
Phone: +91 22 6718 3000
Fax: +91 22 6718 3001
www.oracle.com/financialservices/

Copyright © [2007], [2017], Oracle and/or its affiliates. All rights reserved.

Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

U.S. GOVERNMENT END USERS: Oracle programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, delivered to U.S. Government end users are "commercial computer software" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, use, duplication, disclosure, modification, and adaptation of the programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, shall be subject to license terms and license restrictions applicable to the programs. No other rights are granted to the U.S. Government.

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate failsafe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

This software or hardware and documentation may provide access to or information on content, products and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services.