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

FINANCIAL SERVICES

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# 1. Setting up Plug-Ins

## 1.1 Introduction

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

## 1.2 Integrating Oracle FLEXCUBE UBS and BPEL

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

## 1.2.1 Custom Provider Configuration

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

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

Change Center	😰 Home Log Out Preferences 🔛 Record Help	Q	Welcome, weblogic Connected to: Dev1201_dom
View changes and restarts	Home >Summary of Security Realms		
Configuration editing is enabled. Future	Home Page		
changes will automatically be activated as you modify, add or delete items in this domain.	- Information and Resources		
Domain Structure	Helpful Tools	General Information	
Dev 1201_domain @ +Environment D-Seployments @ -Services - Security Realms @ -Intercoperability & -Olagnostics	Configure applications Configure Oxitative RAC Data Source Configure a Dynamic Culter Recent Task Status Set your conside preferences Oracle Enterprise Manager	Common Administration Task Desorgations     Read the documentation     Ask a question on My Oracle Support	
	- Domain Configurations		
	Domain	Services	Interoperability
	• Domain	Messaging     JMS Servers	WTC Servers     Joit Connection Pools
How do L	Environment Servers	<ul> <li>Store-and-Forward Agents</li> <li>3MS Modules</li> </ul>	Disgnostics
Search the configuration Use the Change Center Record WLST Scripts Ohange Console preferences	Clusters     Server Templates     Migratable Targets     Coherence Clusters	Path Services     Bridges     Data Sources     Persistent Stores	Log Files     Chaptosis: Modules     Built-in Diagnosis: Modules     Olagnosis: Images
Manage Console extensions	Contenet clusters     Machines	XHI, Registries	Request Performance
Monitor servers	Virtual Hosts     Work Managers	XML Entity Caches     Foreign 3NDE Providers	Archives     Context
System Status 🛛 🖂 Health of Running Servers	Startup And Shutdown Classes	Work Contexts     SOM	• 3MP
Paied (0)           Critical (0)           Overloaded (0)           Warring (0)	Your Deployed Resources Deployments Your Application's Security Settings	Mal Sessons     FileT3     JTA     OSG Prameworks	Charts and Graphs  Monitoring Dashboard @
OK (3)	Security Realms		

5. Click on myrealm.



ORACLE WebLogic Server	Administration Console 12c		<b>Q</b>
Change Center	A Home Log Out Preferences 🐼 Record Help	Q	Welcome, weblogic Connected to: Dev1201_domain
View changes and restarts	Home > Summary of Security Realms		
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Summary of Security Realms	fon users remove can situ roles can situ noticiar and can situ	y providersthat are used to protect WebLogic resources. You can have multiple
Domain Structure	security realms in a WebLogic Server domain, but only on		The provide in a contract the contract of the contract of the contract of the provide of the contract of the c
Dev1201_domain IP Environment - Deployments IP Services IP Environments IP Intercepenability IP Obsproses	This Security Realms page lists each security realm that he © Customize this table Realms (Filtered - Hore Columns Exist)	ais been configured in this WebLogic Server domain. Click the ru	ane of the realm to explore and configure that realm.
et-Dagnostics	New		Showing 1 to 1 of 1 Previous   Next
	📋 Name 🔗	Default Realm	
	myrcalm	true	
	New Doleto		Showing 1 to 1 of 1 Previous   Next
How do I			
Configure new security realms     Delete security realms     Change the default security realm			
System Status	1		
Health of Running Servers			
Faled (0) Critical (0) Overloaded (0) Warning (0) OK (3)			
Critical (0) Overlaaded (0) Warning (1) OK (3) WebLogic Server Version: 13.1.3.0.0 Copyright (1) 1998.2014. Oracle and/or its affiliates.	A right reserved.		

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 Serve		
Change Center	Home Log Out Preferences Record Help	Welcome, weblogic Connected to: Dev1201_domain
View changes and restarts	Home >Summary of Security Realms >myrealm >Providers >FCICutomProvider >Providers	
Configuration editing is enabled. Future	Create a New Authentication Provider	
changes will automatically be activated as you modify, add or delete items in this domain.	OK Cancel	
Domain Structure	Create a new Authentication Provider	
Dev1201_domain	The following properties will be used to identify your new Authentication Provider. * Indicates required fields	
-Security Realms (#) Interoperability (#) Diagnostics	The name of the authentication provider. * Name: FCJCustomProvider	
	This is the type of authentikation provider you with to greate. Type: FCUBSUserAuthenticator	
How do I	OK Cancel	
<ul> <li>Manage security providers</li> </ul>		
<ul> <li>Configure Authentication and Identity Assertion providers</li> </ul>		
System Status	8	
Health of Running Servers		
Faled (0)	7	
Critical (0)		
Overloaded (0) Warning (0)		
OK (3)		

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



ORACLE WebLogic Server	Administration Console 12c		•
Change Center	😧 Home Log Out Preferences 🛃 Record Help	Q.	Welcome, weblogic Connected to: Dev1201_domain
View changes and restarts	Home >Summary of Security Realms >mynealm >Providers >PC	3CustomProvider > Providers	
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Messages	is created.	
	Settings for myrealm		
Domain Structure Dev1201_domain	Configuration Users and Groups Roles and Policies	Credential Mappings Providers Migration	
Deviz0doman Ø=Environment P=Environment P=Deprovements P=Security Realms (=Interoperability	Authentication Possword Validation Authorization An Authentication provider allows WebLogic Server to esta	Adjudication Role Mapping Auditing Credential Mapping Cer	r in a security realm, and you can configure multiple Authentication
er untrageratury B-Dagnostics	providers in a security realm. Different types of Authentics Authentication provider that allows you to work with users © Customize this table Authentication Providers	ton providers are designed to access different data stores, such as LDAP and groups from previous releases of WebLopic Server.	servers or DBMS. You can also configure a Realm Adapter
	New Deleta Rearder		Showing 1 to 4 of 4 Previous   Next
How do L.,	Name	Description	Version
<ul> <li>Configure Authentication and Identity Assertion providers</li> </ul>	FCJCustomProvider	Authentication provider for PLEXCUBE users	FCUBS 12.1
Configure the Password Validation provider	Trust Service Identity Asserter	Trust Service Identity Assertion Provider	1.0
Manage security providers	DefaultAuthenticator	WebLogic Authentication Provider	1.0
<ul> <li>Set the JAAS control flag</li> </ul>	DefaultIdentityAsserter	WebLogic Identity Assertion provider	1.0
Re-order Authentication providers			
System Status	New Delete Reorder		Showing 1 to 4 of 4 Previous   Next
System Status			
WebLogic Server Version: 12.1.3.0.0 Copyright (c) 1995.3014. Oracle and/or its affiliates. Oracle is a registered trademark of Oracle Corporate ORACLE: WebLogic Server A	on and/or its affiliates. Other names may be trademarks of their respecti	ve Oveners.	0
Change Center	1 Home Log Out Preferences 🐼 Record Help	Q	Welcome, weblogic Connected to: Dev1201_domain
View changes and restarts	Home >Summary of Security Realms >myrealm >Providers >FC	JCustomProvider >Providers	
Configuration editing is enabled. Future	Reorder Authentication Providers		
changes will automatically be activated as you modify, add or delete items in this domain.	OK Cancel		
Domain Structure	Reorder Authentication Providers		
Dev1201_domain	You can reorder your Authentication Providers using the list	t below. By reordering Authentication Providers, you can alter the authen	toation sequence.
Environment Deployments			
B-Services	Select authenticator(s) in the list and use arrows to move the	en up and down in the list.	
Security Realms	E Authentication Providers:		
Chagnostics	Available:		
	FCJCustomProvider		
	101 martin the attention to a state		
	The Fault I don't be for a start of the		
	□ Destandaendrywsserter □ □		
How do 1E			
Re-order Authentication providers     Set the JAAS control flag	OK Cancel		
System Status			
Health of Running Servers			
Failed (0)			
Critical (0)			
Overloaded (0)			
Warning (0)			
OK (3)			
WebLogic Server Version: 12.1.3.0.0			
Copyright (c) 1996,2014, Oracle and/or its atiliates. /	Al rights reserved.		

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



Change Center	Home Log Out Preferences	E 🐼 Record Help	Welcome, weblogic Connected to: Dev1201_domain		
	Home » Summary of Security Realms » myneaim » Providers » PCICustomProvider » PCICustomProvider				
View changes and restarts					
Configuration editing is enabled. Future changes will automatically be activated as you	Settings for FCJCustomProvider				
modify, add or delete items in this domain.	Configuration				
Domain Structure	Common Provider Specific				
Dev 1201_domain ⊕-Environment	Save				
Deployments P-Services	This page allows you to define	the general configuration of this provider.			
Security Realms	🚝 Name:	FC3CustomProvider			
Diagnostics	e Description:	Authentication provider for FLEXCUBE users			
	den Version:	FOUBS 12.1			
	🚝 Control Flag:	SUFFICIENT -			
How do I	Save				
No task help found.					
System Status 🖂	1				
Health of Running Servers					
Failed (0)					
Critical (0)					
Overloaded (0)					
Warning (0)					
OK (3)					

#### 11. In Provider Specific tab

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

Change Center	😭 Home Log Out Preferences 🔤 Record Help	Q	Welcome, weblogic Connected to: Dev1201_domain
View changes and restarts	Home >Summary of Security Realms >myneatm >Providers	>FCICustomProvider >Provider >FCICustomProvider	
Configuration editing is enabled. Future	Settings for FC3CustomProvider		
changes will automatically be activated as you modify, add or delete items in this domain.	Configuration		
Domain Structure	Common Provider Specific		
Dev 1201_domain	Save		
Deployments Services	This page allows you to configure additional attributes f	for this security provider.	
Security Realms	🛄 🛃 Ldap SSLEnabled		
Olegnostics	Authentication Type:	MSAD 💌	
	😤 Ldap Domain Name:	OFSS.COM	
	😤 Security Authentication Type:	simple 💌	
How do I	🖧 Ldap Server Ip And Port:	localhost389	
No task help found.	C and External Password Required		
System Status 🖂	all Ldap Server Time Out Duration:	0	
Health of Running Servers			
Failed (0)	🔄 🚰 Hsad Or Ldap Login Required		
Critical (0) Overloaded (0)	👸 JNDIName:	jdbc/fcjdevDS	
Warning (0) OK (3)	Save		

#### 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. a) 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:fcubsuser-authenticatorType">

- <sec:name>FCJCustomProvider</sec:name>
- <sec:control-flag>SUFFICIENT</sec:control-flag>
- <n1:msad-or-ldap-login-required>true</n1:msad-or-ldap-login-required>
- <n1:external-password-required>true</n1:external-password-required>
- <n1:authentication-type>MSAD</n1:authentication-type>



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

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

### 1.2.2 Configuring JPS

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

 Go to the location – '<ORACLE\_HOME>\ user\_projects\domains\<Domain\_created>\config\fmwconfig'

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

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

<description>DB IdentityStore Provider</description>

</serviceProvider>

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

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

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

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

</serviceInstance>

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

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

<jpsContext name="flex">

<serviceInstanceRef ref="credstore.db"/>

<serviceInstanceRef ref="keystore.db"/>

<serviceInstanceRef ref="policystore.xml"/>



<serviceInstanceRef ref="audit.db"/>

<serviceInstanceRef ref="idstore.db"/>

</jpsContext>

## 1.2.3 Configuring Work Flow Identity

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

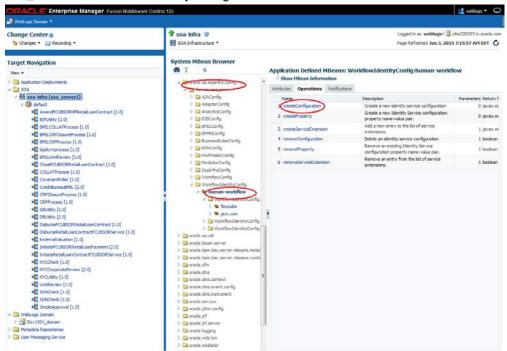
1. Login to EM Console. Expand the SOA.

ORACL	Enterprise Manage	Fusion Middleware Contro	I 12c		👥 weblogic 👻 📿
🔡 WebLogic De	omain 🔻				
Target Nav	igation		soa-infra ④     SOA Infrastructure ▼		Logged in as weblogic l ofss220337.in.orade.co Page Refreshed Jun 3, 2015 6:57:47 AM EDT
Application     Application     SOA     Soa	on Deployments		Dashboard Deployed Composites Flow Ins	stances Error Hospital	
⊿ 🎦 WebLo ▷ 🔡 Dev	Home  Monitoring		Key Configuration 🧳	Business Transaction Faults	Search
<ul> <li>Metada</li> <li>User M</li> </ul>	Logs > SOA Deployment >		Profile BPM BASIC ()	Last* 24 CHours 💌 🙀	Recent Instances
	Manage Partitions Work Manager Groups Resequencing Groups		Instance Tracking Production (a) Default Query Duration Last 24 Hours (a) Auto Purge Enabled (a)	Refresh region to show the latest data. Click graph to dril down.	San With Faults
	Service Engines   Bindings			Composites and Adapters Availability	_
	Services and References Business Events		SOA Runtime Health	𝕎 soa_server1 💌	Composite
	SOA Administration		soa-infra (soa_server1)	✓ No Composite Start-Up Errors	Sensor Name
	Administration	MDS Configuration TopLink Sessions		<ul> <li>EIS Connectivity Errors 1</li> <li>All Composites are UP</li> </ul>	
		System MBean Browser	System Backlogs	<ul> <li>All adapter service endpoints are UP</li> </ul>	
			Last* 24 🗘 Hours 💌 🍓		
			Refresh region to show the latest data.		
			Messages in Queues;		
			BPEL Invoke BPEL Caliback Mediator Parallel Routing		

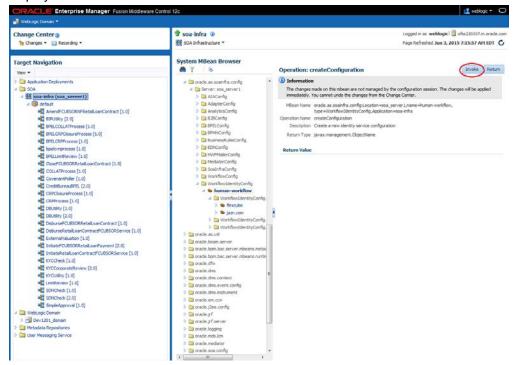
2. Right click 'soa-infra(soa-server1)', choose 'Administration' and click 'System MBean Browser' under it.



3. Further, under System MBean Browser, go to 'oracle.as.soainfra.config > Server: soa\_server1 > WorkflowIdentityConfig > human-workflow'.



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



5. Click 'Invoke' button.

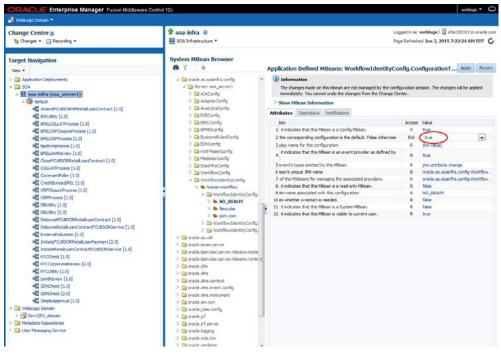


The SOA displays the following confirmation message.

#### Confirmation

#### Operation executed successfully.

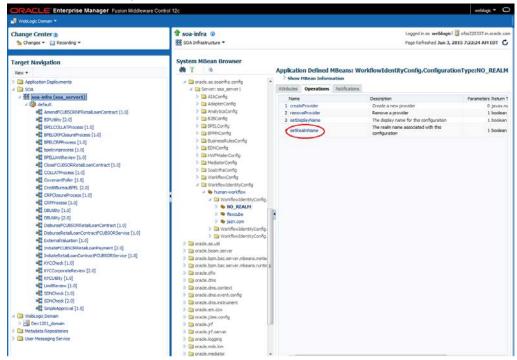
 Refresh 'MBean' browser. Go to 'WorkflowIdentityConfig.ConfigurationType' under 'humanworkflow'.



 Click 'NO\_REALM'. On the right side, select 'Attributes' tab and change the value of 'Default' from NO\_REALM to 'true'.



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



9. The following screen is displayed:

Operation: s	Dperation: setRealmName Invoke Revert Return					
(i) Information	n					
-		ot managed by the configuration session. ges from the Change Center.	The change	s will be ap	plied	
MBean Name	MBean Name oracle.as.soainfra.config:Location=soa_server1,WorkflowIdentityConfig=human-workflow, name=NO_REALM,type=WorkflowIdentityConfig.ConfigurationType,Application=soa-infra					
Operation Name	setRealmName					
Description	The realm name associate	ed with this configuration				
Return Type boolean						
Parameters						
Name	Туре	Value				
p1	java.lang.String	flexcube				
Return Value						

- 10. Specify the value of the parameter as 'flexcube' and click 'Invoke' button.
- 11. Refresh the 'MBean' browser. Go to flexcube >

WorkflowIdentityConfig.ConfigurationType.ProviderType > oracle.soa.management.config.identity.ProviderType@.... Under the 'Attributes' tab, you need to make sure that the values of the following attributes are as per the table below:

Attribute	Value
Name	JpsProvider1



PropertyType	JPS
Service	Identity

#### Application Defined MBeans: WorkflowIdentityConfig.....ProviderType:JPSProvider1

Apply Revert

(i) 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 M	Bean Inform	ation
Attributes	Operations	Notifications

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

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

#### Application Defined MBeans: WorkflowIdentityConfig.....ProviderType:JPSProvider1 Show MBean Information

l	Name	Description	Parameters	Return Type
	addSearchableUserAttributeMap	Add a new Attribute mapping. In this map the key is the attributeName used by Identity service and value is the attribute name supported by underlying provider	2	boolean
	createConnection	Create a new connection.	0	javax.management.ObjectName
(	CreateProperty	Create a new property.	0	javax.management.ObjectName
	createRoleControls	Create a new Role Control.	0	javax.management.ObjectName
	createUserControls	Create a new User Control.	0	javax.management.ObjectName
	removeConnection	Remove a connection.	0	boolean
	removeProperty	Remove a new property.	1	boolean
	removeRoleControls	Remove Role Control.	0	boolean
	removeSearchableUserAttributeMap	Remove a Attribute from Map.In this map the key is the attributeName used by Identity service and value is the attribute name supported by underlying provider	1	boolean
	removeUserControls	Remove User Control.	0	boolean
	setClassName	The class name of the provider.	1	boolean
	setProviderType	The provider type for this provider configuration.	1	boolean
	setService	The associated service.	1	boolean



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

oracle.as.soainfra.config	<b>i</b>	Inform	ation			
✓ ☐ Server: soa server1	-	The char	nges made on this m	bean are not managed by the configuration session. The changes will be applied in	mediately	You cannot undo the changes
AIAConfig			Change Center.		,	
AdapterConfig	Þ	Show M	Bean Information			
AnalyticsConfig						
B2BConfig	Attr	ibutes	Notifications			
BPELConfig		Name		Description	Access	Value
BPMNConfig	1	ConfigM	1Bean	If true, it indicates that this MBean is a Config MBean.	R	true
DusinessRulesConfig     EDNConfig	2	eventPr	ovider	If true, it indicates that this MBean is an event provider as defined by JSR-77.	R	true
HWEMailerConfig	3	eventTy	/pes	All the event's types emitted by this MBean.	R	jmx.attribute.change
MediatorConfig	4	Name		Name of the property	RW	jpsContextName
SoaInfraConfig	5	objectN	ame	The MBean's unique JMX name	R	oracle.as.soainfra.config:Wor
WorkflowConfig	6	ReadOn	ily	If true, it indicates that this MBean is a read only MBean.	R	false
MorkflowIdentityConfig	7	Restart	Needed	Indicates whether a restart is needed.	R	false
A shuman-workflow	8	System	MBean	If true, it indicates that this MBean is a System MBean.	R	false
WorkflowIdentityConfig.Configuratic	9	Value		Value of the property	RW	flex
NO_REALM	10	Visible		If true, it indicates that this MBean is visible to current user.	R	true
4 💊 flexcube	4					
WorkflowIdentityConfig.Confi	-					
⊿ SPSProvider 1						
🔺 🚞 WorkflowIdentityConfig						
jpsContextName						

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

Name	Value
jpsContextName	flex

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

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

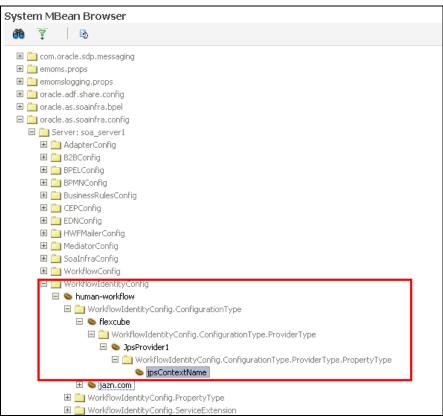
<b>60</b> T B		Application Defined MBeans: WorkflowIdentityConfig.ConfigurationType:jazn.com										
🚞 emoms.props 🚞 emomslogging.props	Atl	ributes	Operations	Notifications	5							
oracle.adf.share.config		Name			Description	Access	Value					
oracle.as.soainfra.bpel	1	ConfigMi	Bean		If true, it indicates that this MBean is a Config MBean.	R	true					
📩 oracle.as.soainfra.config	2	Default			True if the corresponding configuration is the default. False otherwise	R₩	false					
E 🚞 Server: soa_server1	3	DisplayN	ame		The display name for this configuration	R						
🗷 🦳 AdapterConfig 🗷 🚞 B2BConfig	4	eventPro	ovider		If true, it indicates that this MBean is an event provider as defined by JSR-77.	R	true					
🗉 🧰 BPELConfig	5	eventTy	pes		All the event's types emitted by this MBean.	R	jmx.attribute.change					
🗷 🧰 BPMNConfig	6	objectNa	ime		The MBean's unique JMX name	R	oracle.as.soainfra.config:Workfl					
🗷 🚞 BusinessRulesConfig 🗷 🧰 CEPConfia	7	Provider	5		Names of the MXBeans for managing the associated providers.	R	oracle.as.soainfra.config:Workflo					
EDNConfig	8	ReadOnl	У		If true, it indicates that this MBean is a read only MBean.	R	false					
E Concornig	9	RealmNa			The realm name associated with this configuration	R	jazn.com					
	10	Restarth			Indicates whether a restart is needed.	R	false					
E Caloring	11	SystemM	Bean		If true, it indicates that this MBean is a System MBean.	R	false					
WorkflowIdentityConfig												
work towater day coning												
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I S flexcube												
E Sjazn.com												
Garriconny WorkflowIdentityConfig.Property												
WorkflowIdentityConfig.Fropercy     WorkflowIdentityConfig.ServiceE												

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



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



## 1.2.4 Configuring Application Users and Policies

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



- 1. There are four <application/> in the <applications> namely b2bui, OracleBPMProcessRolesApp, soa-infra and OracleBPMComposerRolesApp.
- 2. Navigate to <ORACLE\_HOME> /user\_projects/domains/base\_domain/config/fmwconfig
- 3. Check system-jazn-data.xml available in this location whether <application> is already available in the <applications>
- 4. If the application is not available then paste the application content from the attached file inside the <applications></applications>.
- 5. If the above mentioned <application> is already there then replace the application content with the one available in the attached file.



## 1.2.5 Configuring CIS

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

- 1. Along with the Oracle FLEXCUBE UBS EAR file, the Installer creates 'FCBPELCIS.jar' file.
- Create a folder by name 'classes' at the location '<MIDDLEWARE\_HOME>soa\soa\modules\oracle.soa.ext\_11.1.x'.
- 3. Extract the file 'FCBPELCIS.jar' and copy the content of the folder 'com' to: '<MIDDLEWARE\_HOME>soa\soa\modules\oracle.soa.ext\_11.1.x\classes'.
- Now, navigate to the location '<MIDDLEWARE\_HOME>soa\soa\modules\oracle.soa.ext\_11.1.x\classes\com\ofss\fcc\bpel\' and delete the folders 'dao' and 'security'.
- Navigate to the location '<MIDDLEWARE\_HOME>soa\soa\modules\oracle.soa.ext\_11.1.x\classes\com\ofss\fcc\bpel\ cac'. Edit the properties file 'CISProperties.properties' and update 'JNDI.name' with the JNDI name defined in the properties file 'fcubs.properties'.
- 6. Delete the folders CAC and soaext contents from the com\ofss\fcc\bpel\ in FCBPELCIS.jar file location.
- Copy 'FCBPELCIS.jar' to '<MIDDLEWARE\_HOME>/user\_projects/domains/<domain\_name>/lib
- 8. Once the above steps are completed, restart the server.

## 1.2.6 Configuring DBAdapter

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

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



Change Center	A PK	ome Log Out Preferences 💽 Record Help	9			v	/elcome, weblogic Cor	nected to: Dev1201_dom					
View changes and restarts	Home	e >Summary of Deployments											
Configuration editing is enabled. Future	Summary of Deployments												
changes will automatically be activated as you nodify, add or delete items in this domain.	Control Monitoring												
Iomain Structure	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												
Der 1201_Somein B <sup>1</sup> Environment H <sup>2</sup> Deployments B <sup>2</sup> Services H <sup>2</sup> Security Realms B <sup>2</sup> Interoperability B <sup>2</sup> Obagrostics		isplayed), or deleted from the domain by first se notal a new application or module for deployment intomize this table koyments stal Update Dates Start Stor	lecting the application name and using t t to targets in this domain, click the Ins	the controls on this pag									
		Contraction in the second second second second	D.A.	-		Showing 1 to	47 of 47 Previous   Next						
		Name 🏟		State	Health	Туре	Targets	Deployment Order					
interretation (and		AqAdapter		Active	<b>₽</b> OK	Resource Adapter	soa_server1	324					
low do L	13	@ mb2bui		Active	<b>∉</b> ок	Enterprise Application	soa_server1	313					
Unital an enterprise application Configure an enterprise application Update (redeploy) an enterprise application	8	B maarComposer		New		Enterprise Application	bam_server1	500					
Start and stop a deployed enterprise application	E	H [BBamCQService		New		Enterprise Application	bam_server1	300					
Monitor the modules of an enterprise application	B	E CalamServer		New		Enterprise Application	bam_server1	400					
Deploy EJB modules Install a Web application	63	E COBPMComposer		Active	≠ ок	Enterprise Application	soa_server1	385					
ystem Status 🛛		Scoherence-transaction-rar		Active	🗸 ОК	Resource Adapter	AdminServer, bam_server1, soa_serve	r1 100					
lealth of Running Servers	13	CoherenceAdapter		Installed		Resource Adapter		331					
Faled (0) Critical (0)		@DbAdapter		Active	• ок	Resource Adapter	soa_server1	322					
Overloaded (0) Warning (0)	10			Active	¢ок	Enterprise Application	soa_server1	314					
OK (2)	0	B DMS Application (12.1.3.0.0)		Active	<b>₽</b> ok	Web Application	AdminServer, bam_server1, soa_serve	r1 5					
	63	St [Ben		Active	¢ок	Enterprise Application	AdminServer	400					
	17	⊕ mAFCUBSApp (12.1.0.0)		Prepared	2.~	Enterprise	soa_server1	500					

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

Change Center	Home 1	Log Out Pref	ierences [	Record Help	2		Q.				Welcome, weblogic Connected to: Dev1201_dom
View changes and restarts	Home >Su	ummary of Dep	Asyments >	DbAdapter							
Configuration editing is enabled. Future	Settings fo	for DbAdapte	er.								
changes will automatically be activated as you modify, add or delete items in this domain.	Overview	Overview Deployment Plan Configuration Security Targets Control Testing Monitoring									
Domain Structure	General	Properties	Outbou	und Connectio	n Pools	Admin Object	ts Worklo	ad Inst	rumentation		
Dev1201_domain Bi-Environment Deployments Bi-Services Security Realms Bi-Interoperability Bi-Interoperability Bi-Diagnostics	by conne Pool grou Outbour	ection factory up. Click the n	interface a name of a g	and the instance	es are listed e to configu	d by their JNDI	names. Exp	pand a gro	sup to obtain o	configuration	entries in the table represent Outbound Connection Pool groups. Groups are listed on information for a Connection Pool instance within an Outbound Connection glayed in the table below.
					_			-	-	Showing 1 to 1 of 1 Previous   Next	
	Gre	roups and In	stances	A					Connectio	on Factory Interface	
	187	javax.resourc	e.cd.Con	mectionFactory					1	javax.reso	wroe.cd.ConnectionFactory
	New	Delete									Showing 1 to 1 of 1 Previous   Next
How do 1 🖂	-										
	<u> </u>										
Configure outbound connection pool properties	1										
properties											
Properties System Status Health of Running Servers Failed (0)											
Properties System Status Health of Running Servers Failed (0) Critical (0)											
Properties System Status Health of Running Servers Failed (0)											

- 3. Click 'Configuration' tab and select 'Outbound Connection Pools' under it.
- 4. Under 'Groups and Instances', click and expand 'javax.resource.cci.ConnectionFactory'.
- 5. Click 'New' and select 'javax.resource.cci.ConnectionFactory' in Outbound Connection Group.
- 6. 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'.

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

Change Center	Home Log Out Pre	ferences 🔛 Recon	d Help	<u> </u>	Welcome, weblogic	Connected to: Dev1201_doma				
View changes and restarts	Home s Summary of Dep	ployments > DbAdap6	er.							
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.		Settings for javax.resource.cci.ConnectionFactory General Properties Transaction Authentication Connection Pool Logging								
Domain Structure lev 1201, domain B-Environment I-Deployments B-Services	Outbound Connecti	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								
Security Realms	Save					ving 1 to 8 of 8 Previous   Next				
D Diagnostics	Property Name 🖧	Pr	operty Type	Property Value	Supports Dy	mamic Updates				
	DataSourceName	jav	a.lang.String	jdbc/fcjdevDS	false					
	DefaultNChar	585	va.lang.Boolean	faise	false					
	PlatformClassName	5a.	va.lang.String	org.eclpse.persistence.platform.database.Orade10Platfo	orm false					
	SequencePreallocatio	nSize jan	va.lang.Integer	50	false					
	UsesBatchWriting	jav	/a.lang.Boolean	true	false					
tow do L	UsesNativeSequencin	g jav	va.lang.Boolean	true	false					
Configure outbound connection pool	UsesSkipLocking	jav	a.lang.Boolean	true	false					
properties	XADataSourceName	381	a.lang.String		false					
System Status 🛛	Save				Show	ning 1 to 8 of 8 Previous   Next				
Health of Running Servers	-									
Faled (0) Critical (0) Overloaded (0) Warning (0) OK (2)										

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

## 1.2.7 Configuring JMS Adapter

Login in to console  $\rightarrow$  Click on JMS Servers $\rightarrow$ New



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	dministration Console 12c		ç
hange Center	🏦 Home Log Out Preferences 🔤 Record Help	Q	Welcome, admin Connected to: AlphaDom
iew changes and restarts	Home >AlphaDomain >Summary of JMS Servers		
onfiguration editing is enabled. Future	Home Page		
nanges will automatically be activated as you odify, add or delete items in this domain.	- Information and Resources		
	Helpful Tools	General Information	
omain Structure			
ohaDomain 🔶	Configure applications	Common Administration Task Descriptions	
-Environment	Configure GridLink for RAC Data Source	<ul> <li>Read the documentation</li> </ul>	
+-Clusters	Configure a Dynamic Cluster	<ul> <li>Ask a question on My Oracle Support</li> </ul>	
Coherence Clusters	Recent Task Status		
Machines	Set your console preferences		
Virtual Hosts Work Managers	<ul> <li>Oracle Enterprise Manager</li> </ul>		
Startup and Shutdown Classes	- Domain Configurations		
Deployments			
Services	Domain	Services	Interoperability
E-Messaging	• Domain	Messaging	WTC Servers
Store-and-Forward Agents		JMS Servers	Jolt Connection Pools
w do I	Environment	Store-and-Forward Agents	
5w do 1	Servers	<ul> <li>JMS Modules</li> </ul>	Diagnostics
Search the configuration	Clusters	Path Services	Log Files
Use the Change Center	<ul> <li>Server Templates</li> </ul>	<ul> <li>Bridges</li> </ul>	Diagnostic Modules
Record WLST Scripts	<ul> <li>Migratable Targets</li> </ul>	Data Sources	Built-in Diagnostic Modules
Change Console preferences	Coherence Clusters	<ul> <li>Persistent Stores</li> </ul>	Diagnostic Images
Manage Console extensions	Machines	XML Registries	Request Performance
Monitor servers	Virtual Hosts	XML Entity Caches	Archives
	Work Managers	<ul> <li>Foreign JNDI Providers</li> </ul>	Context
ystem Status 🖂	Startup And Shutdown Classes	Work Contexts	SNMP
ealth of Running Servers	· Startap vira sindasim classes	• jCOM	
earth of Running Servers	Your Deployed Resources	Mail Sessions	Charts and Graphs
Failed (0)		FileT3	Monitoring Dashboard
Critical (0)	Deployments	• JTA	<ul> <li>Monitoring Dashboard and</li> </ul>
Overloaded (0)		OSGi Frameworks	
111 1 (0)	Your Application's Security Settings	- Coort Mileworks	
Warning (0)	<ul> <li>Security Realms</li> </ul>		





DRACLE WebLogic Serve	r Admir	nistration Console 12c											
hange Center		🚹 Home Log Out Preferences 📐 Record Help	Q		Welcome, admin Con	nected to: AlphaDo							
iew changes and restarts		Home >AlphaDomain >Summary of JMS Servers											
onfiguration editing is enabled. Future hanges will automatically be activated as you wolify, add or delete items in this domain.		Summary of JMS Servers											
omain Structure phaDomain 3-Environment b-Servers B-Clusters	* III	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											
Coherence Clusters		JMS Servers (Filtered - More Columns Exist)											
·Machines ·Virtual Hosts		New Delete		Showing 1 to 8 of 8 Previous									
Work Managers Startup and Shutdown Classes Deployments		Name 🌣	Persistent Store	Target	Current Target	Health							
Services		BamAlertEngineJmsServer	BamAlertEngineJmsFileStore	BAMServer	BAMServer								
		BamCQServiceJmsServer_BAMServer	BamCQServiceJmsFileStore_BAMServer	BAMServer	BAMServer								
Store-and-Forward Agents	Ψ.	BamReportCacheJmsServer	BamReportCacheJmsFileStore	BAMServer	BAMServer								
ow do I		BamServerJmsServer_BAMServer	BamServerJmsFileStore_BAMServer	BAMServer	BAMServer								
Configure JMS servers		BPMJMSServer	BPMJMSFileStore	SOAServer	SOAServer	🖋 ок							
Configure JMS system modules		SOAJMSServer	SOAJMSFileStore	SOAServer	SOAServer	🖋 ок							
		UMSJMSServer_auto_1	UMSJMSFileStore_auto_1	BAMServer	BAMServer								
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ealth of Running Servers Failed (0)		New Delete			Showing 1 to 8	of 8 Previous   Nex							
Critical (0)	15												
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OK (2)													

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



soa-infra (SOA Infrastruct × FC1211QA	R2 (Oracle Web × Create	a New JMS Server 🗙	dev_domain (Oracle Web.	× Summary of JMS	Servers ×	AlphaDomain (Oracle We 🗙	+		- 0	×
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	dministration Console 12c									õ
Change Center	A Home Log Out Preference	es 🔤 Record Help	Q			Welcome, ad	min	Connecte	d to: Alpha	Domain
View changes and restarts	Home > AlphaDomain > Summa	ry of JMS Servers								
Configuration editing is enabled. Future	Create a New JMS Server									
changes will automatically be activated as you modify, add or delete items in this domain.	Back Next Finish	Cancel								
Domain Structure	JMS Server Properties									
AlphaDomain	The following properties will b	e used to identify your new	v JMS Server.							
Servers	* Indicates required fields									
Coherence Clusters	What would you like to name	our new JMS Server?								
Machines Virtual Hosts	🚱 * Name:									
Work Managers Startup and Shutdown Classes	and name:	FCUBSJMSServe	r							
Deployments	Specify persistent store for th	e new JMS Server.								
Messaging	Persistent Store:	SOAJMSFileStore		Create a New Store						
JMS Servers										
How do I	Back Next Finish	Cancel								
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. Al	l rights reserved.									
Oracle is a registered trademark of Oracle Corporation		y be trademarks of their respe	ctive owners.							



12. Select the target as SOA Server  $\rightarrow$  Finish



soa-infra (SOA Infrastruct × FC1211QA	R2 (Oracle Web × Create a New JMS Server × dev_domain (Oracle Web × Summary of JMS Servers × AlphaDomain (Oracle We ×	+		0	x
<b>(</b> 10.184.135.218:7001/console/console.	portal?JmsServerCreateJMSServerPortlet_actionOverride=/com/bea/console/actions/jms/server/createj 🛡 C 🔯 🛪 Google 🔎	☆	≙ ₽	⋒	≡
	dministration Console 12c				õ
Change Center	A Home Log Out Preferences      Record Help     Q     Welcome, adm     Welcome, ad	nin Con	nected to:	AlphaD	omain
View changes and restarts	Home >AlphaDomain >Summary of JMS Servers				
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Create a New JMS Server Back Next Finish Cancel				
Domain Structure	Select targets				
AbhaDonain	Select the server instance or migratable target on which you would like to deploy this JMS Server.          Target:       SOAServer         Back:       Next				
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. Al Oracle is a registered trademark of Oracle Corporation	l rights reserved. and/or its affiliates. Other names may be trademarks of their respective owners.				



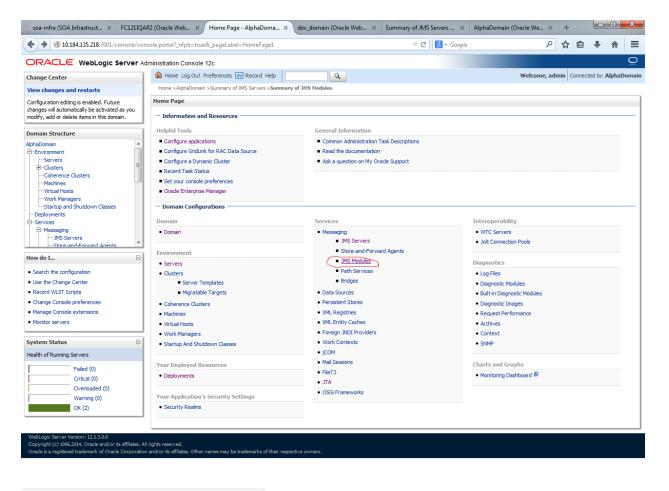


	Administration C	console 12c					
hange Center	Home L	og Out Preferences 📐 Record Help	Q			Welcome, admin Cor	nected to: AlphaDo
New changes and restarts	Home > Alpi	haDomain >Summary of JMS Servers					
onfiguration editing is enabled. Future nanges will automatically be activated as you odify, add or delete items in this domain.		nges have been activated. No restarts are r rver created successfully	necessary.				
omain Structure	Summary c	of JMS Servers					
Forvionment    Serview    Serview    Ousters    Ooberence Clusters    Machines    Wathines    Wath Managers    Starbu and Shutdown Classes	This page	rs act as management containers for the question of the summarizes the IMS servers that have bee ze this table rers (Filtered - More Columns Exist)		2			
Deployments							
-Services	New	Delete				Showing 1 to 9	of 9 Previous   Nex
		Delete	Persistent Store		Target	Showing 1 to 9	of 9 Previous   Nex Health
	- Nan	ne 🗞	Persistent Store BamAlertEngineJmsFileSto	re	Target BAMServer	-	
Hessaging     Stressaging     Stressaging	Nan Bam/	ne 🌣			-	Current Target	
Messaging     JMS Servers     ww do L  Configure JMS servers	Bam/	ne 🏟 AlertEngineJmsServ Sort table by Name	BamAlertEngineJmsFileSto	e_BAMServer	BAMServer	Current Target BAMServer	
Hessaging     Howard Agents     w do L  Configure JMS servers	Bam/	ne AlertEngineJmsServ Sort table by Name	BamAlertEngineJmsFileStor	e_BAMServer ore	BAMServer BAMServer	Current Target           BAMServer           BAMServer	
Hessaging 	Bams	ne 🏟 AlertEngineJimsSer ( Sort table by Name ) CQServiceJimsServer_BAMServer ReportCacheJimsServer	BamAlertEngineJmsFileStor BamCQServiceJmsFileStor BamReportCacheJmsFileSt	e_BAMServer ore	BAMServer BAMServer BAMServer	Current Target           BAMServer           BAMServer           BAMServer           BAMServer	
Messaging     MSservers     wdo L. Configure JMS servers Configure JMS system modules	Bami Bami Bami Bami	AlertEngineJimsServ CQServiceJimsServer_BAMServer ReportCacheJimsServer ServerJimsServer_BAMServer	BamAlertEngine.ImsFileStor BamCQService.ImsFileStor BamReportCache.ImsFileSt BamServer.ImsFileStore_Bi	e_BAMServer ore	BAMServer BAMServer BAMServer BAMServer	Current Target           BAMServer           BAMServer           BAMServer           BAMServer	Health
Hessaging     His Servers     More and Longitz     W do L Configure JMS servers Configure JMS system modules  stem Status alth of Running Servers	Bams Bams Bams Bams Bams Bams Bams Bams	AlertEngineJmsSer( Sort table by Name) CQServiceJmsServer_BAMServer ReportCacheJmsServer ServerJmsServer_BAMServer JMSServer	BamAlertEngine.ImsFileStor BamCQService.ImsFileStor BamReportCache.ImsFileSt BamServerJmsFileStore_Bi BPMJMSFileStore	e_BAMServer ore	BAMServer BAMServer BAMServer BAMServer SOAServer	Current Target BAMServer BAMServer BAMServer BAMServer BAMServer SOAServer	Health
Messaging     M5 Servers     M5 Servers     w do L. Configure JMS servers Configure JMS system modules     stem Status	Bamy Bamy Bams Bams CCUE	AlertEngineJmsServ CQServiceJmsServer_BAMServer ReportCacheJmsServer ServerJmsServer JMSServer BSJMSServer	BamAlertEngine.ImsFileSton BamCQService.ImsFileSton BamReportCache.ImsFileStore_Bi BamServer.ImsFileStore_Bi BPMJMSFileStore SOAJMSFileStore	e_BAMServer ore	BAMServer BAMServer BAMServer BAMServer SOAServer SOAServer	Current Target BAMServer BAMServer BAMServer BAMServer BAMServer SOAServer SOAServer SOAServer	Health ✓ OK ✓ OK
Hessaging     HIS Servers     Servers and Forward Agents     w do I  Configure JMS servers Configure JMS system modules  stem Status alth of Running Servers Failed (0)	Bany Bany Bany Bany Bany Bany Four	AlertEngineJmsServ Sont table by Name CQServiceJmsServer_BAMServer ReportCacheJmsServer_BAMServer MSServer BSJMSServer JMSServer JMSServer	BamAlertEngine.hmsFileSton BamCQService.hmsFileSton BamReportCache.hmsFileStore_Bi BamServer.hmsFileStore_Bi BPMJMSFileStore SOAJMSFileStore SOAJMSFileStore	e_BAMServer ore	BAMServer BAMServer BAMServer BAMServer SOAServer SOAServer SOAServer	Current Target BAMServer BAMServer BAMServer BAMServer SOAServer SOAServer SOAServer	Health ✓ OK ✓ OK



4. Go back to Console →JMS Modules→New









	dministration Console 12c	ç
hange Center	Home Log Out Preferences 🔤 Record Help	admin Connected to: AlphaDon
iew changes and restarts	Home > AlphaDomain > Summary of JMS Servers > Summary of JMS Modules	
onfiguration editing is enabled. Future nanges will automatically be activated as you odify, add or delete items in this domain. pomain Structure Environment	Summary of JHS Modules JMS system resources are configured and stored as modules similar to standard J2EE modules. Such resources include queues, topics, connection factories, templates distributed queues, distributed topics, foreign servers, and JMS store-and-forward (SAF) parameters. You can administratively configure and manage JMS system mod	
Servers B-ClustersCoherence ClustersMachinesWork ManagersWork ManagersStartup and Shutdown Classes	This page summarizes the JMS system modules that have been created for this domain.  Customize this table JHS Modules  New Delete Sh	iowing 1 to 8 of 8 Previous   Next
-Deployments -Services -Messaging	□ Name ↔	Туре
JMS Servers	BamAlertEngineJmsSystemModule	System
Store-and-Forward Agents	BamCQServiceJmsSystemResource_BAMServer	System
	BamReportCacheJmsSystemModule	System
w do I	BamServerJmsSystemResource	System
Configure JMS system modules	BPMJMSModule	System
Configure resources for JMS system modules	SOAJMSModule	System
	UMSAQJMSSystemResource	System
stem Status 🗉	UMSJMSSystemResource	System
Failed (0)           Critical (0)           Overloaded (0)           Warning (0)           OK (2)		nowing 1 to 8 of 8 Previous   Next

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2					- <b>* * (</b>	1 B				AA.	· ► 🚍 ● 6	/23/2015
								(ر				

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



soa-infra (SOA Infrastruct × FC1211QAR2 (Oracle Web × Create JMS System Modu × dev_domain (Oracle Web × Summary of JMS Servers × AlphaDomain (Oracle We × +
🗲 🕙 10.184.135.218:7001/console/console.portal?CreateJMSSystemModulePortletreturnTo=JmsModulesTablePage&JmsModulesTablePortlethani 🛡 🕑 😒 - Google 🖉 🏠 🖨 🗍 🗧
ORACLE WebLogic Server Administration Console 12c
Change Center 🕜 Home Log Out Preferences 🖉 Record Help
View changes and restarts Home > AlphaDomain >Summary of JMS Servers >Summary of JMS Modules
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.
Domain Structure The following properties will be used to identify your new module.
AphaDomain AphaDomain Conservers Custers Custe
What would you like to name your System Module?     Work Managers     What would you like to name your System Module?     Starburg and Shutdown Classes
-Deployments *Name: FCUBSJMSModule
Hessaging     What would you like to name the descriptor file name? If you do not provide a name, a default will be assigned.     Store and Forward Agents     Descriptor File Name:
How do L.
Configure JVS system modules     Where would like to place the descriptor for this System Module, relative to the jms configuration sub-directory of your domain?
Configure JMS servers      Location In Domain:
System Status Back Net Finish Cancel
Failed (0)         Critical (0)         Overloaded (0)         Warning (0)         O         Vetologic (2)





soa-infra (SOA Infrastruct 🗙 FC121)	IQAR2 (Oracle Web × Create JMS System Modu × dev_domain (Oracle Web × Summary of JMS Servers × AlphaDomain (Oracle We	×	F			x
( ) 10.184.135.218:7001/console/conso	ole.portal?CreateJMSSystemModulePortlet_actionOverride=/com/bea/console/actions/jms/modules/syste 🛡 🥂 🔀 🛪 Google	0 2	2	•	⋒	≡
	r Administration Console 12c					õ
Change Center	🟦 Home Log Out Preferences 🔤 Record Help	admin	Conn	ected to:	AlphaD	omain
View changes and restarts	Home > AlphaDomain > Summary of JMS Servers > Summary of JMS Modules					
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Create JHS System Module           Back         Net         Frinkh         Cancel					
Domain Structure	The following properties will be used to target your new JMS system module.					
E-Environment	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.					
Coherence Clusters Machines Virtual Hosts	Targets :					
Work Managers Startup and Shutdown Classes Deployments	Servers AdminServer					
Services	BAMServer					
	SOAServer					
Configure JMS system modules     Configure JMS servers	Back Ned Finish Cancel					
System Status						
Health of Running Servers						
Failed (0) Critical (0) Critical (0) Verloaded (0) Warning (0) OK (2)						
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	Administration Console 12c							Q
Change Center	🏠 Home Log Out Preferences 🔤 F	lecord Help	Q		Welcome, ad	min Connec	ted to: Alpha	Domai
View changes and restarts Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Home >AlphaDomain >Summary of IMS Messages	No restarts are necessary						
Domain Structure	Settings for FCUBSJMSModule							
AlphaDomain  D-Environment  -Servers  D-Clusters Machines	Configuration Subdeployments This page displays general informatio		otes dule and its resources. It also allows you to	configure new resources and acce	ess existing resources.			
Virtual Hosts Work Managers	Name:	MS system module. More Ir	More Info					
LStartup and Shutdown Classes     -Deployments     Services     -Messaging     -JNS Servers     -Servers     -Serve	Descriptor File Name: This page summarizes the JMS resour destination quota, distributed destina	ces that have been creat	ubsjmsmodule-jms.xml ed for this JMS system module, including qu id store-and-forward parameters.		MS module descriptor file. N		sort keys,	
How do I  No task help found.	Customize this table							
System Status 🖂	New Delete				Shov	ving 0 to 0 of 0	) Previous   N	lext
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6. Go back to JMS Modules→FCUBSJMSModule→New



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Change Center	Home Log Out	t Preferences 📐	Record He	lp		Q			Welcome, a	dmin	Connecto	ed to: Alph	aDomain
View changes and restarts	Home >AlphaDom Modules >FCUBS3		S Servers >S	5ummary of	JMS Modu	es >FCUBSJMSModule >	ummary of JM	IS Modules >FCUBSJMSModule >!	Summary of JMS Modules >FC	UBSJMS	Module >	Summary of	JMS
Configuration editing is enabled. Future changes will automatically be activated as you	Settings for FCUE	SJMSModule											
modify, add or delete items in this domain.	Configuration	Subdeployments	Targets	Security	Notes								
Domain Structure													
AlphaDomain	This page display	ys general informati	on about a .	JMS system	module ar	nd its resources. It also a	llows you to	configure new resources and ac	cess existing resources.				
ClustersCoherence Clusters	Name:			FC	UBSJMSM	odule		The name of this	JMS system module. More	Info			
Machines Virtual Hosts	Descriptor File	Name:		jm	s/fcubsjms	module-jms.xml		The name of the	JMS module descriptor file.	More In	1fo		
Work Managers		a, distributed destir				this JMS system module. e-and-forward paramete		eue and topic destinations, conn	ection factories, JMS templa	æs, dest	tination s	ort keys,	
How do I	Summary of Re	esources											
No task help found.	New Delet	e							Sh	wing 0 t	to 0 of 0	Previous	Next
·	🔲 Name 🗇		Туре		JND	I Name		Subdeployment		Targe	ets		
System Status						There a	re no items to	o display					
Health of Running Servers	New Delet	e							Sh	wing 0 t	to 0 of 0	Previous	Next
Failed (0)													
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7. Click on Connection Factory → next→Create the connection Factory with the below Names→Next



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hanges and restarts	Home >AlphaDomain >Summary of JMS Servers >Summary of JMS Modules >F JMS Modules >FCUBSJMSModule	CUBSJMSModule >Summary of JMS Modules >	>FCUBSJMSModule >Summary of JMS Modules >FCU	BSJMSModule >Sum	mary of
ration editing is enabled. Future s will automatically be activated as you	Create a New JMS System Module Resource				
add or delete items in this domain.	Back Next Finish Cancel				
n Structure	Back Next Finish Cancel				
main	Choose the type of resource you want to create.				
ronment Servers					
Clusters	Use these pages to create resources in a JMS system module, such as que				
Coherence Clusters	Depending on the type of resource you select, you are prompted to enter factories, distributed queues and topics, foreign servers, and JMS SAF der				
Machines Virtual Hosts	targetable resources with subdeployments, which is an advanced mechani				~
Work Managers Startup and Shutdown Classes					
loyments	Connection Factory		Defines a set of connection configuration parame create connections for JMS clients. More Info		to
rices			create connections for Jims clients. More Info		
Messaging JMS Servers	O Queue		Defines a point-to-point destination type, which a		
Store-and-Forward Agents			peer communications. A message delivered to a c one consumer. More Info	ueue is distributed t	to only
) I 🖃					
gure quotas for destinations	Topic		Defines a publish/subscribe destination type, whi asynchronous peer communications. A message of		i
igure JMS templates			distributed to all topic consumers. More Info	leivereu to a topic i	5
igure destination keys					
gure topics	Distributed Queue		Defines a set of queues that are distributed on m which are accessible as a single, logical queue to		
gure queues					
igure connection factories igure uniform distributed topics	Distributed Topic		Defines a set of topics that are distributed on mu which are accessible as a single, logical topic to J		
igure uniform distributed topics			which are accessible as a single, logical topic to u	ns clients. More In	110
igure foreign servers	Foreign Server		Defines foreign messaging providers or remote W		ances
igure JMS SAF			that are not part of the current domain. More I	nfo	
	© Quota		Controls the allotment of system resources availa	ble to destinations.	More
n Status 🖂			Info		
of Running Servers	Destination Sort Key		Defines a unique sort order that destinations can	apply to arriving	
Failed (0)			messages. More Info		
Critical (0)	⑦ JMS Template		Defines a set of default configuration settings for	multiple destination	ne Ma
Overloaded (0)	U STIS CEMPROC		Info	manapre des and duor	
Warning (0) OK (2)				1 (11 11 11 11 11	
UK (2)	SAF Imported Destinations		Defines a collection of imported store-and-forwar SAF destination is a representation of a queue or		
			instance or cluster that is imported into the local	duster or server inst	tance,
			so that the local server instance or cluster can se server instance or cluster. More Info	nd messages to the	remote
	Remote SAF Context		Defines the URL of the remote server instance or	cluster where a JM	S



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Change Center	🟦 Home Log Out Preferences 🔤 Record He	lp Q		Welcome, a	dmin Connect	ted to: Alpha	Domain
View changes and restarts	Home > AlphaDomain > Summary of JMS Servers > Modules > FCUBSJMSModule	Summary of JMS Modules >FCUBSJMSModule >S	ummary of JMS Modules > FCUBSJMS	Module >Summary of JMS Modules >FC	UBSJMSModule :	>Summary of JI	MS
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Create a New JHS System Module Resource Back Next Frish Cancel Connection Factory Properties The following properties will be used to identify * Indicates required fields What would you like to name your new connected * Name: What JNDI Name would you like to use to look up	your new connection factory. The current moc n factory? UBSConnectionfactory	ule is FCUBSIMSModule.				
Hessaging     Horizon MS Servers     Horizon Agents	JNDI Name:	jndi/FCUBSConnectionfactory					
How do I	The Connection Factory Subscription Sharing Poli	cy Subscribers can be used to control which su	bscribers can access new subscripti	ions. Should subscriptions created usin	g this factory be	e sharable?	
Configure quotas for destinations     Configure JMS templates	Subscription Sharing Policy:	Exclusive					
Configure destination keys     Configure topics     Configure topics	The Client ID Policy indicates whether more than Subscriptions created with different Client ID poli				) durable subscr	ibers.	
Configure queues     Configure connection factories     Configure uniform distributed topics	Client ID Policy:	Restricted •					
Configure uniform distributed topics     Configure uniform distributed queues     Configure foreign servers	A connection factory can limit the number of mes		ssion. Should this connection facto	ry impose a limit?			
Configure JMS SAF	Maximum Messages per Session:	10					
System Status	Should this connection factory create sessions th	at are JTA aware, and create XA queues and	(A topics?				
Health of Running Servers           Failed (0)           Critical (0)           Overloaded (0)           Warning (0)           OK (2)	Back Net Finish Cancel						
WebLogic Server Version: 12:1.3.0.0 Copyright (c) 1996,2014, Oracle and/or its affiliates. All Oracle is a registered trademark of Oracle Corporation	rights reserved. and/or its affiliates. Other names may be trademarks of t	heir respective owners.					
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8. Select Advanced targeting→create New Sub Deployment with the below Name→Select the target as JMS server which we have created on top→Finish



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View changes and restarts	Home > Summary of JMS Modules > FCUBSJMSModule > Summary of JMS Modules > FCUBSJMSModule > FCUBSJConnectionfactory > Summary of JMS Modules > FCUBSJMSModule > Summary of JMS Modules > FCUBSJMSModule > placeholder							
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Create a New JMS System Module Resource							
Domain Structure	Back Next Finish Advanced Targeting Cancel							
AlphaDomain	The following properties will be used to target your new JMS system module resource							
⊖-Environment Servers ⊕-Clusters ≡ Coherence Clusters	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.							
MachinesVirtual Hosts Work Managers	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.							
Startup and Shutdown ClassesDeploymentsServices	Targets :							
-Messaging	Servers							
	☑ S0AServer							
How do I 😑								
Configure quotas for destinations	Back Next Finish Advanced Targeting Cancel							
Configure JMS templates								
Configure destination keys								
Configure topics								
Configure queues								
Configure connection factories								
Configure uniform distributed topics								
Configure uniform distributed queues     Configure foreign servers								
Configure Integrit servers     Configure JMS SAF								
System Status								
Health of Running Servers								
Failed (0)								
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View changes and restarts	Home >Summary of JMS Modules >FCUBSJMSModule >Summary of JMS Modules >FCUBSJMSModule >FCUBSConnectionfactory >Summary of JMS Modules >FCUBSJMSModule >Summary of JMS Modules >FCUBSJMSModule >Summary of JMS										
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Create a New JM5 System Module Resource Back Next Frish Cancel										
Domain Structure											
AlphaDomain D-Environment B-Clusters E	The following properties will be used to target your new JMS system module resource Use this page to select a subdeployment to assign this system module resource. A subdeployment is a mechanism by which JMS resources are grouped and targeted to a server instance, duster, or										
Coherence Clusters	SAF agent. If necessary, you can create a new subdeployment by dicking the Create a New Subdeployment button. You can also reconfigure subdeployment targets later by using the parent module's subdeployment management page.										
Virtual Hosts Work Managers Startup and Shutdown Classes	Select the subdeployment you want to use. If you select (none), no targeting will occur.										
Deployments	Subdeployments: (none)  Create a New Subdeployment										
	What targets do you want to assign to this subdeployment?										
How do I	Targets :										
Configure quotas for destinations     Configure JMS templates	Back Next Frish Cancel										
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)											
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OK (2)											
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View changes and restarts	Home >Summary of JMS Modules >FCUBSJMSModule >Summary of JMS Modules >FCUBSJMSModule >FCUBSConnectionfactory >Summary of JMS Modules >FCUBSJMSModule >Summary of JMS Modules >FCUBSJMSModule >placeholder
Configuration editing is enabled. Future changes will automatically be activated as you	Create a New Subdeployment
modify, add or delete items in this domain.	OK Cancel
AlohaDomain	Subdeployment Properties
🖹 -Environment	The following properties will be used to identify your new subdeployment.
Servers ⊞-Clusters ≡	Subdeployment Name: FCUBS
Coherence Clusters	
Virtual Hosts	OK Cancel
Work Managers Startup and Shutdown Classes	
Deployments Services	
Messaging	
JMS Servers	
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	
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View changes and restarts	Home > Summary of JMS Modules > FCUBSJMSModule > Summary of JMS Modules > FCUBSJMSModule > FCUBSConnectionfactory > Summary of JMS Modules > FCUBSJMSModule > Summary of JMS Modules > FCUBSJMSModule > placeholder									
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.	Back         Next         Finish         Cancel									
Activate Changes Undo All Changes	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									
Domain Structure	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.									
Environment    Servers     BOusters     ECoherence Clusters	Select the subdeployment you want to use. If you select (none), no targeting will occur.  Subdeployments: FCUBS Create a New Subdeployment									
Machines Virtual Hosts Work Managers	What targets do you want to assign to this subdeployment?									
LStartup and Shutdown Classes Deployments E-Services	Targets :									
⊡-Messaging → JMS Servers → Store-and-Forward ∆gents	Servers  SoAServer									
How do I										
Configure quotas for destinations	JMS Servers									
Configure JMS templates     Configure destination keys	BPMJMSServer									
Configure topics	✓ FCUBSJMSServer									
Configure queues     Configure connection factories	SOAJMSServer									
Configure uniform distributed topics     Configure uniform distributed queues     Configure foreign servers	UH5JM5Server_auto_2									
Configure JMS SAF	Back Next Finish Cancel									
System Status 🖂										
Health of Running Servers										
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View changes and restarts	Home >Summary of JMS Modules >FCUBSJMSModule >Summary of JMS Modules >FCUBSJMSModule >FCUBSConnectionfactory >Summary of JMS Modules >FCUBSJMSModule >Summary of JMS Modules >FCUBSJMSModule >placeholder							
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Messages All changes have been activated. No restarts are necessary.							
Domain Structure	Connection factory created succe	ssfully.						
AlphaDomain	Settings for FCUBSJMSModule							
Er-Environment	Configuration Subdeployments	Targets Security	Notes					
-Clusters -Coherence ClustersMachinesVirtual HostsWork Managers	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.							
Startup and Shutdown Classes	Name: FCUBSJMSModule				The name of this JMS system module. More Info			
←Deployments ⊖-Services ⊖-Messaging ←-JMS Servers ←-Store-and-Enroward Agents	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 queue and topic destinations, foreign servers, and store-and-forward parameters.					eys,		
How do I								
No task help found.	Customize this table							
	Summary of Resources							
System Status	New Delete				Show	ing 1 to 1 of 1 Prev	vious   Nex	d
Failed (0)	🔲 Name 🌣	Туре		JNDI Name	Subdeployment	Targets		
Critical (0)	FCUBSConnectionfactory	Connectio	n Factory	jndi/FCUBSConnectionfactory	FCUBS	FCUBSJMSServer		
Overloaded (0) Warning (0) OK (2)	New Delete Showing 1 to 1 of 1 Previous   Next							dt
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AlphaDomain	Settings for FCUBSJMSModule						٦	
E-Environment	Configuration Subdeployments	Targets Security	Notes				1	
Collectors Collectors Collectors Collectors Virtual HostsVork ManagersStartup and Shutdown Classes	This page displays general informatio		n module and its resource CUBSJMSModule	• •	to configure new resources and access existing resources. The name of this JMS system module. More Info			
Deployments Services	Descriptor File Name:	Descriptor File Name: jms/fcubsjmsmodule-jms.xml			n The name of the JMS module descriptor file. More Info			
Hessaging     Horesand Forward ∆cents	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.							
How do L.								
No task help found.								
System Status	Summary of Resources							
Health of Running Servers	New Delete Showing 1 to 1 of 1 Previous   Next							
Failed (0)	🔲 Name 🗇	Туре		JNDI Name	Subdeployment	Targets		
Critical (0)	FCUBSConnectionfactory	Connect	ion Factory	jndi/FCUBSConnectionfactory	FCUBS	FCUBSJMSServer		
Overloaded (0) Warning (0)	New Delete Showing 1 to 1 of 1 Previous   Next							
ОК (2)								
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9. Go back to console  $\rightarrow$  Click on JMS Modules  $\rightarrow$  New  $\rightarrow$  check on Queue  $\rightarrow$  next



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( 10.184.135.218:7001/console/console.po	rtal?JmsCreateSystemModuleEntityPortlet_actionOverride=/com/bea/console/actions/jms/destinati 🔻 🗨	8 - Google						
Servers BCuatersCoherence ClustersMachinesWritual HostsWritual HostsWork Managers	Use these pages to create resources in a JMS system module, such as queues, topics, templates, and connection fa Depending on the type of resource you select, you are prompted to enter basic information for creating the resourc factories, distributed queues and topics, foreign servers, and JMS SAF destinations, you can also proceed to target targetable resources with subdeployments, which is an advanced mechanism for grouping JMS module resources an	e. For targetable resources, like stand-alone queues and topics, connection ing pages for selecting appropriate server targets. You can also associate						
Startup and Shutdown Classes Deployments E-Services	Connection Factory	Defines a set of connection configuration parameters that are used to create connections for JMS clients. More Info						
Hessaging     Homosonal Servers     Store-and-Forward Agents	Ø 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						
How do I   Configure quotas for destinations Configure JMS templates Configure JMS templates	🔘 Торіс	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						
Configure destination keys     Configure topics     Configure queues	Distributed Queue	Defines a set of queues that are distributed on multiple JMS servers, but which are accessible as a single, logical queue to JMS clients. More Info						
Configure connection factories     Configure uniform distributed topics     Configure uniform distributed process	Distributed Topic	Defines a set of topics that are distributed on multiple JMS servers, but which are accessible as a single, logical topic to JMS clients. More Info						
Configure uniform distributed queues     Configure foreign servers     Configure JMS SAF	Foreign Server	Defines foreign messaging providers or remote WebLogic Server instances that are not part of the current domain. More Info						
System Status	🔘 Quota	Controls the allotment of system resources available to destinations. More Info						
Health of Running Servers Failed (0)	Destination Sort Key	Defines a unique sort order that destinations can apply to arriving messages. More Info						
Critical (0) Overloaded (0) Warning (0)	JMS Template	Defines a set of default configuration settings for multiple destinations. More Info						
OK (2)	SAF Imported Destinations	Defines a collection of imported store-and-forward (SAF) destinations. A SAF destination is a representation of a queue or topic in a remote server instance or duster that is imported into the local duster or server instance, so that the local server instance or duster can send messages to the remote server instance or duster. More Info						
	Remote SAF Context	Defines the URL of the remote server instance or duster where a JMS destination is exported from. It also contains the security credentials to be authenticated and authorized in the remote duster or server. More Info						
	SAF Error Handling	Defines the action to take when the SAF service fails to forward messages to remote destinations. More Info						
	Back Next Finish Cancel							
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10. Create Queue with Name NOTIFY\_DEST\_QUEUE and JNDI name as jms/NOTIFY\_DEST\_QUEUE→select the sub deployment which we have created earlier →Next→Finsish



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€ @ 10.184.135.218:7001/console/console	.portal?JmsCreateSystemMod	uleEntityPortlet_actionOverri	de=/com/bea/console/act	ons/jms/modules 🛡 C	8 - Google		٩	☆	<b>≜</b> ₽	⋒	Ξ
	dministration Console 12c										õ
Change Center	A Home Log Out Prefere	nces 🔤 Record Help	٩			Welco	me, adm	nin Cor	nnected to	AlphaD	omain
View changes and restarts	Home >Summary of JMS Mo Modules >FCUBSJMSModule	dules >FCUBSJMSModule >Sum e > <b>placeholder</b>	mary of JMS Modules >FCUBSJI	45Module > FCUBSConnectio	onfactory >Summar	y of JMS Modules >FCUBSJMS	Module >9	Summary	y of JMS		
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Create a New JMS System Back Next Finish										
Domain Structure											
AlphaDomain	JMS Destination Prope	erties									
⊖-Environment Servers ⊕-Clusters ≡	The following properties w	ill be used to identify your new	Queue. The current module is	FCUBSJMSModule.							
Coherence Clusters	* Indicates required fields										
Virtual Hosts Work Managers Startup and Shutdown Classes	* Name:	NOTIFY_DEST_QUE	-								
Deployments Services	JNDI Name:	jms/NOTIFY_DEST_C	UEUE								
-Messaging											
	Template:	None 💌									
How do I 😑	Back Next Finish	Cancel									
Configure quotas for destinations											
Configure JMS templates											
Configure destination keys											
Configure topics     Configure queues											
Configure connection factories											
Configure uniform distributed topics											
Configure uniform distributed queues											
Configure foreign servers											
Configure JMS SAF											
System Status											
Health of Running Servers											
Failed (0)											
Critical (0)											
Overloaded (0)											
Warning (0)											
OK (2)											
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	portal	⊽ C	<mark>8</mark> <del>+</del> Google	م	☆自		≡
	dministration Console 12c						Õ
Change Center	🟦 Home Log Out Preferences 🔤 Record Help			Welcome, adr	min Connect	ed to: Alpha	Domain
View changes and restarts	Home >Summary of JMS Modules >FCUBSJMSModule >Summary of JMS Modules >FCUBSJMS Modules >FCUBSJMSModule > <b>placeholder</b>	Module >FCUBSConnectionfact	tory >Summary of JMS Mod	lules > FCUBSJMSModule >	Summary of JM	45	
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Create a New JMS System Module Resource           Back         Next         Frish         Cancel						
Domain Structure	The following properties will be used to target your new JMS system module	resource					
AlphaDomain       -Environment      -Servers      -Ousters      -Coherence Clusters     Machines	Use this page to select a subdeployment to assign this system module resource. A subdep SAF agent. If necessary, you can create a new subdeployment by clicking the <b>Create a</b> module's subdeployment management page.	ployment is a mechanism by wh					
Virtual Hosts Work Managers Startup and Shutdown Classes	Select the subdeployment you want to use. If you select (none), no targeting will occur.						
Deployments EServices	Subdeployments: FCUBS Create a New Subdeployment?	yment					
	Targets :						
How do I 🖃							
Configure quotas for destinations	JM5 Servers						
Configure JMS templates     Configure destination keys	© BPMJMSServer						
Configure topics     Configure queues	FCUBSJMSServer						
Configure connection factories     Configure uniform distributed topics	SOAJMSServer						
Configure uniform distributed queues     Configure foreign servers	UMSJMSServer_auto_2						
Configure JMS SAF	Back Next Finish Cancel						
System Status 😑							
Health of Running Servers							
Failed (0) Critical (0)							
Overloaded (0)							
Warning (0)							
OK (2)							
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w changes and restarts	🚹 Home Log Out Preferences 🔤	Record Help	٩		Welcon	e, admin Connecti	ed to: AlphaDo			
	Home >Summary of JMS Modules >FC Modules >FCUBSJMSModule >placeh		mary of JMS Modules >F	CUBSJMSModule > FCUBSConnectionfactory >S	ummary of JMS Modules > FCUBSJMSM	odule >Summary of JN	4S			
	Messages	лаег								
nges will automatically be activated as you ify, add or delete items in this domain.	All changes have been activated	. No restarts are nece	essary.							
nain Structure		cessfully								
	Settings for FCUBSJMSModule									
nvironment Servers	Configuration Subdeployments	Targets Security	y Notes							
ClustersClustersMachinesVirtual Hosts	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.									
Work Managers Startup and Shutdown Classes	Name:	F	=CUBSJMSModule	The	ame of this JMS system module. More Info					
eployments ervices	Descriptor File Name:	j	ims/fcubsjmsmodule-jm	s.xml The	name of the JMS module descriptor f	JMS module descriptor file. More Info				
do I 🖃 No task help found.	destination quota, distributed desti									
	Summary of Resources									
tem Status 🖂	New Delete					Showing 1 to 2 of 2	Previous   Ne:			
Failed (0)	🔲 Name 🗇	Туре		JNDI Name	Subdeployment	Targets				
Critical (0)	FCUBSConnectionfactory	Connec	tion Factory	jndi/FCUBSConnectionfactory	FCUBS	FCUBSJMSSe	erver			
	NOTIFY_DEST_QUEUE	Queue		jms/NOTIFY_DEST_QUEUE	FCUBS	FCUBSJMSSe				
Overloaded (0)							erver			
	New Delete					Showing 1 to 2 of 2				

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11. Please create the **MDB\_QUEUE\_RESPONSE**, **eis/jms/ORGateway**, **FAULT\_QUEUE\_RESPONSE** Queues as above in console with in **FCUBSJMSModule**.(Follow step 9-10 in 1.2.7)

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



10.184.135.218:7001/console/conso OK (2)	le.port	al?_nfpb=true&_pageLabel=AppDeploymentsControlPage		8 <del>-</del> G	oogle	۶ ۲	2 自 🕂
on (c)		E DMS Application (12.1.3.0.0)	Active	🖋 ОК	Web Application	AdminServer, BAMServer, SOAServer	5
		E Loem	Active	🖋 ОК	Enterprise Application	AdminServer	400
			Active	A Warning	Enterprise Application	SOAServer	600
			Active	🖋 ок	Resource Adapter	SOAServer	321
		E Biterro	Active	🖋 ОК	Enterprise Application	SOAServer	100
			Active	🖋 ОК	Resource Adapter	SOAServer	325
		E GWWebServices (12.1.0.0.0)	Active	🖋 ок	Enterprise Application	SOAServer	600
		Ø JDEWorldAdapter	Installed		Resource Adapter		333
	V	Ø ImsAdapter	Active	🖋 ок	Resource Adapter	SOAServer	323
		SLdapAdapt JmsAdapter, Level 1, 19 of 46	Installed		Resource Adapter		332
		MQSeriesAdapter	Active	🖋 ок	Resource Adapter	SOAServer	327
			Installed		Resource Adapter		334
		CoAPredictionService	Active	🖋 ок	Enterprise Application	SOAServer	100
		Ø Oracle Apps Adapter	Active	🖋 ок	Resource Adapter	SOAServer	328
		Ø OradeBamAdapter	Installed		Resource Adapter		329
		CoradeBPMBACServerApp	Active	🖋 ОК	Enterprise Application	SOAServer	384
		CoracleBPMComposerRolesApp	Active	🖋 ок	Enterprise Application	SOAServer	382
		CoracleBPMProcessRolesApp	Active	🖋 ОК	Enterprise Application	SOAServer	381
		CoracleBPMWorkspace	Active	🖋 ОК	Enterprise Application	SOAServer	383
		SAPAdapter	Installed		Resource Adapter		335
		E CSSimpleApprovalTaskFlow	Active	🖋 ОК	Enterprise Application	SOAServer	386
		🔁 📇 soa-infra	Active	🖋 ОК	Enterprise Application	SOAServer	350
18-7001/console/console notal2 afab	-true8		Active	✓ OK	Enterprise	SOAServer	360



View changes and restarts		>Summary of JMS Modules >FCUBSJMSMo	dule >Summary of JMS Modules >FCL	UBSJMSModule >placeholder >Summary of Deplo	oyments >JmsAdapter >	Summary of
Configuration editing is enabled. Future	Deployments >JmsAdapter					
changes will automatically be activated as you	Settings for JmsAdapter					
modify, add or delete items in this domain.	Overview Deployment Plan	Configuration Security Targets	Control Testing Monitoring	Notes		
Domain Structure	General Properties Outbo	ound Connection Pools Admin Object	ts Workload Instrumentation			
UphaDomain	listed by connection factory int	erface and the instances are listed by the	r JNDI names. Expand a group to o	e top level entries in the table represent Outbo obtain configuration information for a Connecti ection Pools are not displayed in the table belo	on Pool instance within	
Machines Virtual Hosts	Outbound Connection Pool	Configuration Table				
Work Managers Startup and Shutdown Classes	New Delete				Showing 1 to 1 o	of 1 Previous   Next
Deployments Services Messaging	Groups and Instance	s 🏟	Co	onnection Factory Interface		
JMS Servers	e oracle.tip.adapter.jms	.IJmsConnectionFactory	ora	acle.tip.adapter.jms.IJmsConnectionFactory		
Store-and-Forward Agents	eis/activemq/Queue		ora	acle.tip.adapter.jms.IJmsConnectionFactory		
low do I E	eis/aqjms/EDNLocalTx	DurableTopic	ora	acle.tip.adapter.jms.IJmsConnectionFactory		
Configure outbound connection pool properties	eis/aqjms/EDNLocalTx	Торіс	ora	acle.tip.adapter.jms.IJmsConnectionFactory		
properues	eis/aqjms/EDNxaDura	bleTopic	ora	acle.tip.adapter.jms.IJmsConnectionFactory		
ystem Status 🗉	eis/aqjms/EDNxaTopic	:	ora	acle.tip.adapter.jms.IJmsConnectionFactory		
iealth of Running Servers	eis/aqjms/Queue		ora	acle.tip.adapter.jms.IJmsConnectionFactory		
Failed (0)	eis/aqjms/Topic		ora	acle.tip.adapter.jms.IJmsConnectionFactory		
Critical (0)	eis/fioranomq/Topic		ora	acle.tip.adapter.jms.IJmsConnectionFactory		
Overloaded (0)	eis/jbossmq/Queue		ora	acle.tip.adapter.jms.IJmsConnectionFactory		
Warning (0)	eis/jms/aiaB2BQueue0	CF	ora	acle.tip.adapter.jms.IJmsConnectionFactory		
OK (2)	eis/jms/aiaErrorTopicC	Æ	ora	acle.tip.adapter.jms.IJmsConnectionFactory		
	eis/pramati/Queue		ora	acle.tip.adapter.jms.IJmsConnectionFactory		
	eis/sunmq/Queue		ora	acle.tip.adapter.jms.IJmsConnectionFactory		
	eis/tibjms/Queue		ora	acle.tip.adapter.jms.IJmsConnectionFactory		
	eis/tibjms/Topic		ora	acle.tip.adapter.jms.IJmsConnectionFactory		
	eis/tibjmsDirect/Queu	2	ora	acle.tip.adapter.jms.IJmsConnectionFactory		
	eis/tibjmsDirect/Topic		ora	ade.tip.adapter.jms.IJmsConnectionFactory		
	eis/webspheremq/Que	eue	ora	acle.tip.adapter.jms.IJmsConnectionFactory		
	eis/wls/EDNLocalTxDu	rableTopic	ora	acle.tip.adapter.jms.IJmsConnectionFactory		
	eis/wls/EDNLocalTxTo	pic	ora	acle.tip.adapter.jms.IJmsConnectionFactory		
	eis/wls/EDNxaDurable	Торіс	ora	acle.tip.adapter.jms.IJmsConnectionFactory		
	eis/wls/EDNxaTopic		ora	acle.tip.adapter.jms.IJmsConnectionFactory		
	eis/wls/Queue		ora	acle.tip.adapter.jms.IJmsConnectionFactory		
	eis/wls/Topic		ora	acle.tip.adapter.jms.IJmsConnectionFactory		



Welcome, admin Connected to: AlphaDoma JmsAdapter > Summary of Deployments > JmsAdapter Showing 1 to 1 of 1 Previous   Next
JmsAdapter >Summary of Deployments >JmsAdapter
Showing 1 to 1 of 1 Previous   Next
Showing 1 to 1 of 1 Previous   Next
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Showing I to 1 of 1 Previous   Next
Showing 1 to 1 of 1 Previous   Next

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	portal?ConnectorCreateOutboundConnectionPortlet_actionOverride=/com/bea/console/actions/conn 🛡 C 🛐 - Google 🔎 🏠 🖨 🖡 🔒
	Iministration Console 12c
Change Center	🏦 Home Log Out Preferences 🔄 Record Help
View changes and restarts	Home >FCUBSJMSModule >placeholder >Summary of Deployments >JmsAdapter
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Create a New Outbound Connection           Back         Next         Finish         Cancel
Domain Structure	JNDI name for Outbound Connection Instance
AlphaDomain -Environment -Servers -Clusters	Enter the JNDI name that you want to use to obtain the new connection instance # Indicates required fields
Coherence ClustersMachinesWtaki HostsWtaki HostsWork ManagersSartup and Shutdown ClassesDeployment ServicesDeploymentServicesDeploymentMS Servers	The Outbound Connection instance represents a connection pool. The JNDI name can be used to obtain the pool at runtime.
How do I	
Configure outbound connection pool properties	
System Status	
Health of Running Servers	
Failed (0) Critical (0) Overloaded (0) Warning (0) CK (2)	
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L±1-Clusters		names. Expand a group to obtain contiguration information for a Connection Pool instance within an Outbound
Coherence Clusters	Connection Pool group. Click the name of a group or instance to configure it. A	utomatically generated Connection Pools are not displayed in the table below.
Virtual Hosts Work Managers	Outbound Connection Pool Configuration Table	
Startup and Shutdown Classes	New Delete	Showing 1 to 1 of 1 Previous   Next
Deployments Services -Messaging	🔲 Groups and Instances 🗞	Connection Factory Interface
	orade.tip.adapter.jms.IJmsConnectionFactory	oracle.tip.adapter.jms.IJmsConnectionFactory
	eis/activemq/Queue	oracle.tip.adapter.jms.IJmsConnectionFactory
do I 🖂	eis/aqjms/EDNLocalTxDurableTopic	oracle.tip.adapter.jms.LJmsConnectionFactory
onfigure outbound connection pool	eis/aqjms/EDNLocalTxTopic	orade. tip.adapter.jms.IJmsConnectionFactory
operties	eis/agims/EDNxaDurableTopic	oracle.tip.adapter.jms.IJmsConnectionFactory
em Status 🗉	eis/aqjms/EDNxaTopic	orade.tip.adapter.jms.IJmsConnectionFactory
th of Running Servers	eis/aqjms/Queue	oracle.tip.adapter.jms.IJmsConnectionFactory
Failed (0)	eis/aqjms/Topic	oracle.tip.adapter.jms.IJmsConnectionFactory
Critical (0)	eis/fioranomg/Topic	oracle.tip.adapter.jms.IJmsConnectionFactory
Overloaded (0)	eis/jbossmq/Queue	oracle.tip.adapter.jms.IJmsConnectionFactory
Warning (0)	eis/jms/aiaB2BQueueCF	orade.tip.adapter.jms.IJmsConnectionFactory
OK (2)	eis/jms/aiaErrorTopicCF	oracle.tip.adapter.jms.IJmsConnectionFactory
	eis/pramati/Queue	orade.tip.adapter.jms.IJmsConnectionFactory
	eis/Queue/Notif	oracle.tip.adapter.jms.IJmsConnectionFactory
	eis/sunma/Queue	orade.tip.adapter.jms.IJmsConnectionFactory
	eis/tibjms/Queue	oracle.tip.adapter.jms.IJmsConnectionFactory
	eis/tibjms/Topic	oracle.tip.adapter.jms.IJmsConnectionFactory
	eis/tbjmsDirect/Queue	oracle.tip.adapter.jms.IJmsConnectionFactory
	eis/tibjmsDirect/Topic	orade.tip.adapter.jms.LJmsConnectionFactory
	eis/webspheremg/Queue	oracle.tip.adapter.jms.IJmsConnectionFactory
	eis/wis/EDNLocalTxDurableTopic	oracle.tip.adapter.jms.IJmsConnectionFactory
	eis/wis/EDNLocalTxTopic	oracle.tp.adapter.jms.IJmsConnectionFactory
	eis/wis/EDNxaDurableTopic	oracle.tp.adapter.jms.IJmsConnectionFactory
	eis/wis/EDNxaTopic	
		oracle.tip.adapter.jms.IJmsConnectionFactory
	eis/wls/Queue eis/wls/Topic	oracle.tip.adapter.jms.IJmsConnectionFactory
		oracle.tip.adapter.jms.IJmsConnectionFactory
	New Delete	Showing 1 to 1 of 1 Previous   Next
Logic Server Version: 12.1.3.0.0 yright (c) 1996,2014, Oracle and/or its affiliates.	all rights reserved	
	an rights reserved. on and/or its affiliates. Other names may be trademarks of their respective owners.	
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11. Click on the Outbound connection pool with **eis/Queue/Notif** and enter the connection factory location as **jndi/FCUBSConnectionfactory**-press Enter and Save



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	dministration Console 12c			Q
Change Center	🚹 Home Log Out Preferences 🔤 Record Hel			Welcome, admin Connected to: AlphaDomain
View changes and restarts	Home >JmsAdapter >Summary of Deployments >Jm Deployments > <b>JmsAdapter</b>	sAdapter >Summary of Deployments >Jm	Adapter >Summary of JMS Modules >FCUBSJMSM	odule >Summary of JMS Modules >Summary of
Configuration editing is enabled. Future changes will automatically be activated as you	Settings for oracle.tip.adapter.jms.IJmsCon	nectionFactory		
modify, add or delete items in this domain.	General Properties Transaction Authen	tication Connection Pool Logging		
Domain Structure AlphaDomain      -Environment     -Servers     B -Clusters	This page allows you to view and modify the con Outbound Connection Properties	figuration properties of this outbound c	nnection pool. Properties you modify here are s	aved to a deployment plan.
Coherence Clusters	Save			Showing 1 to 7 of 7 Previous   Next
Virtual Hosts Work Managers	Property Name 🖄	Property Type	Property Value	Supports Dynamic Updates
Startup and Shutdown Classes	AcknowledgeMode	java.lang.String	AUTO_ACKNOWLEDGE	false
🖻 -Services	ConnectionFactoryLocation	java.lang.String	jndi/FCUBSConner	false
	FactoryProperties	java.lang.String		false
Store-and-Forward Agents	IsTopic	java.lang.Boolean	false	false
How do I	IsTransacted	java.lang.Boolean	false	false
<ul> <li>Configure outbound connection pool properties</li> </ul>	Password	java.lang.String		false
propercies	Username	java.lang.String		false
System Status Health of Running Servers	Save			Showing 1 to 7 of 7 Previous   Next
Failed (0)           Critical (0)           Overlaaded (0)           Warning (0)           OK (2)           WebLog: Server Version: 12.1.3.0.0           Copyright (c) 1995-2014, Oracle and/or ta affiliates. Al	I rights reserved.			

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Change Center		t Preferences 🔤 Re	ecord Help	Q		_	Welcome, ad		ted to: Alpha	aDoma
View changes and restarts	Home >JmsAdapte	er >Summary of Deploy			ments >JmsAdapter >Summary of .	IMS Modules > FCUBSIMSM				
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Deployments >3m Messages & All changes h	isAdapter ave been activated. Ne	o restarts are nece	ssary.						
Domain Structure	Deployment p	olan has been successf	fully updated.							
Johan Structure		o update your deploym	nent to reflect the r	new plan when you a	re finished with your changes.					
- Environment		le.tip.adapter.jms.l	DmsConnection	Factory						
Servers ⊕-Clusters	General Prop	erties Transaction	Authentication	Connection Pool	Logging					
Work Managers Startup and Shutdown Classes Deployments Services Services	Outbound Con	nection Properties					Show	ing 1 to 7 of 7	7 Previous	Next
	Property Nan	ne 🐟	Prop	erty Type	Property Value		Supports Dynamic Upd	ates		
łow do I	AcknowledgeMo	ıde	java.l	ang.String	AUTO_ACKNOWLEDGE		false			
Configure outbound connection pool	ConnectionFact	oryLocation	java.l	ang.String	jndi/FCUBSConnectionfa	actory	false			
properties	FactoryProperti	es	java.l	ang.String			false			
	IsTopic		java.l	ang.Boolean	false		false			
system Status	IsTransacted		java.l	ang.Boolean	false		false			
	Password		java.l	ang.String			false			
Health of Running Servers	1 Income and		java.l	ang.String			false			
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15. Go to console →Deployments→JMS adapter→Update→Next→ Next →finish



L±F-Clusters	10	install a new application or module for deployment to targets in this domain, click the u	istail putton.					
Coherence Clusters Machines Virtual Hosts	D Cu	stomize this table						
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AlphaDomain	Locate new deployment files	5								
🖻 - Environment	You have elected to update the J	ImsAdapter application.								
Servers Clusters	O Update this application in	place with new deplo	oyment plan changes. (A de	ployment plan must be s	pecified for th	is option)				
Machines Virtual Hosts	Deployment plan path:	/scratch/app/oracle/	/product/fmw12cr3/soa/soa/cor	nectors/Plan1.xml Change P	Path					
Work Managers Startup and Shutdown Classes	Redeploy this application	using the following d	leployment files:							
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Er-Services -Messaging	Source path:	/scratch/app/oracle/	/product/fmw12cr3/soa/soa/cor	nectors/JmsAdapter.rar Cha	ange Path					
JMS Servers	Deployment plan path:	/scratch/app/oracle/	/product/fmw12cr3/soa/soa/cor	nectors/Plan 1.xml Change F	Path					
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w do I		Instal Update Delete Start ~	✓ Stop ✓				Showing 1 to 4	5 of 46 Pre	evious   Nex
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Monitor the modules of an enterprise application     Deploy EJB modules		BamComposer		New		Enterprise Application	BAMServer	500	
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System Status	[	BamServer		New		Enterprise Application	BAMServer	400	
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16. Create the out bound connection pool with the **eis/wls/Queue** name in the Deployments using connection factory jndi/FCUBSConnectionfactory.

## 1.2.8 Configuring FTP Adapter

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



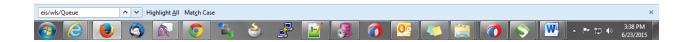
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nange Center	🟦 Home Log Out Preferences 🖾 Record Help	Welcome, admin Connected to: AlphaDor
ew changes and restarts	Home >Summary of Deployments >FtpAdapter	
nfiguration editing is enabled. Future	Settings for FtpAdapter	
anges will automatically be activated as you dify, add or delete items in this domain.	Overview Deployment Plan Configuration Security Targets Control Testing Monitoring Notes	
main Structure	General Properties Outbound Connection Pools Admin Objects Workload Instrumentation	
Deployments Services Security Realms Interoperability Diagnostics	by connection factory interface and the instances are listed by their JNDI names. Expand a group to obtain configuration information for a C Pool group. Click the name of a group or instance to configure it. Automatically generated Connection Pools are not displayed in the table be Outbound Connection Pool Configuration Table	
Dignosics	New Delete	Showing 1 to 1 of 1 Previous   New
	🗇 Groups and Instances 🗞 Connection Factory Interfa	ce
	☐ javax.resource.cci.ConnectionFactory javax.resource.cci.ConnectionF	actory
	eis/Ftp/CoherenceHAFtpAdapter javax.resource.cci.ConnectionFi	actory
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stem Status E	i eis/Ftp/HAFtpAdapter javax.resource.cci.ConnectionF	actory
alth of Running Servers	eis/Ftp/HAFtpAdapterDB2 javax.resource.cci.ConnectionF	actory
	eis/Ftp/HAFtpAdapterMSSQL javax.resource.cci.ConnectionF	actory
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View changes and restarts	Home >Summary of Deployments >FtpAdapter					
Configuration editing is enabled. Future	Create a New Outbound Connection					
changes will automatically be activated as you modify, add or delete items in this domain.	Back Next Finish Cancel					
Domain Structure	JNDI name for Outbound Connection Instance					
AlphaDomain	Enter the JNDI name that you want to use to obtain the new connection instance					
Deployments	* Indicates required fields					
Services     Security Realms						
Interoperability     Diagnostics	The Outbound Connection instance represents a connection pool. The JNDI name can be used to obtain the pool at runtime.					
	eis/ftp/FtpAdapterLcl					
	Back Next Finish Cancel					
How do I 😑						
Configure outbound connection pool						
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2)Click finish and save.

## 1.2.9 BIP Interactive reports configuration

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



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

Change Center	😰 Home Log Out Preferences 🖉	Record Help	Welcome, weblogic Connected to: bifoundation_dom
View changes and restarts	Home >Summary of Security Realms	-myreaim >Users and Groups	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.		Roles and Policies Credential Mappings Providers Mig	ration
Release Configuration	Users Groups		
omain Structure Hourdston doman Emvironment Deployments Security Realms Security Realms		ut each user that has been configured in this security realm. Savae there are too many matches. Please customize this table to sp	peofy more specific ariteria. Showing 1 to 10 of 1000 Previous   Next
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	000ANT1	Default Admin User 1	FCXustonProvider
	11111RM_3	Sweta	FC/CustomProvider
	11111RM_4	RM	FC3CustomProvider
	112233	Default Admin User 10	PC3CustomProvider
fow do L_	121212	Default Admin User 10	PC3CustomProvider
Manage users and groups	123456	SANKER GS	PC3CustomProvider
Create users	141414	Default Admin User 10	PC3CustomProvider
Modify users	15259A03	Kumar	FCJCustomProvider
Delete users	1M20862	BALA	FC3CustomProvider
	20862A1	Bala	FCJCustomProvider
System Status 🛛 🗐	New Delete		Showing 1 to 10 of 1000 Previous   Next
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- 3) Login to the Enterprise Manager (em) http/s:<hostname>:<port>/em
  - Right click on the domain(in which BI suite is installed) under the weblogic domain
  - Go to security and then navigate to application roles



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- 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



se are also application roles that are or users and groups in the WebLogic Dom are Provider	eated in the context of end u ain, use the <u>Oreade Web&amp;aac</u> ole name to search for roles o	
anan • Roles E are the roles used by security amore as re the roles used by security amore as roles and population roles that are or users and groups in the WebLogs Dom acc Provider Exections and enter search keyword for i table Role Name (Starts Webt •)	eated in the context of end u ain, use the <u>Oreade Web&amp;aac</u> ole name to search for roles o	to the application. These roles are seeded by applications in single global policy store when the applications are seer a occessing the application. 
Roles are the roles used by security aware as are also application roles that are or users and groups in the WebLopic Dom we Provider Mication and enter search keyword for a me. Role Name Starts With •	eated in the context of end u ain, use the <u>Oreade Web&amp;aac</u> ole name to search for roles o	to the application. These roles are seeded by applications in single global policy store when the applications are seer a occessing the application. 
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- 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.



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P → Farm_bifoundation_domain     P → Application Deployments     V → Velocing Domain     V → Information_domain	bifoundation_domain @ Webcog: Comm + Application Role: > Create Application Role Create Application Role	Logged in as web Reps Reheated Nor 11, 2006 6-05 13 NO 12 DC. Car	
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	na gruppa in digension room nooro.	Searched Principals           Neiroipal         Display Name         Description           Blachmistizators         Blachmistizators         Blachmistizators           Consumers         Blachmistizators         GresoformaticConn.           CressDomainConnectors         Gornain calls from furging domains.         Deployers can very	
		Deployers are item Deployers and item applications. Honotars and item and modify all resource attitudes a Advanced Option Context a refer principal name there instead of searching from above. This option can be used for shared scenarios related to sustain address.	
		Type Group    Phinopal Name ALLROLES-000  Display Name ALLROLES-000  OK Cance	

- 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



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



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Farm_bifoundation_domain  >  ablo Application Deployments	- WebLogic Domain				Page Refreshed Mar 19, 2014 7:37:40 PM 157
V WebLogic Domain V bifoundation_domain AdminServer	Application Policies Application policies are the au	thorization policies that an application relie ups in the WebLogic Domain, use the Orac	s upon for controllin e Webi.ogic Server	g access to its resources. Security Provider.	
⊳ 📓 bi_duster	Policy Store Provider				
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Essbase Servers Metadata Repositories		er XML on ./system-jazn-data.xml			
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		in policy store , select principal type and e	nter search keywor	d to query application security grants	assigned to the principals. Click on searched principal to query
	policies assigned		1		
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- 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.

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- Click Add button under Permissions and add the two permissions one by one as mentioned below.
  - oracle.bi.publisher.runReportOnline
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- 9) After getting information message like "A security added successfully",
  - o Login into the BIPublisher , http/s:<hostname>:<port>/xmlpserver
  - o 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.

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

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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.



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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.

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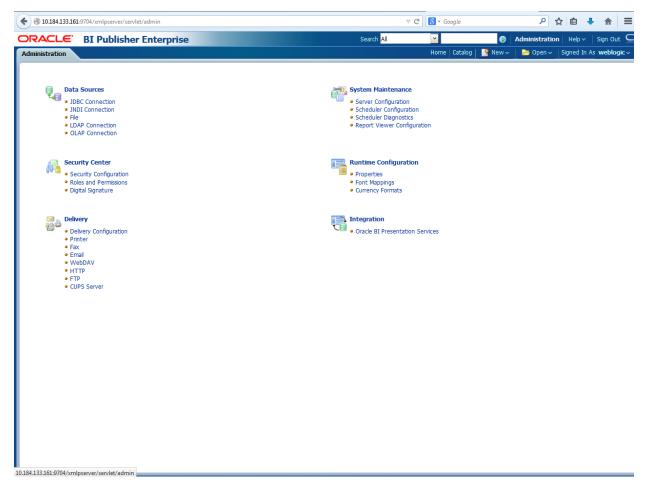


Now the reports in the folder will be accessed accordingly based on the roles.

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 Adminstration → JDBC connection → Add Data Source





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	ACLE BI istration > 1080 Sources C JHDI Tele Mid Data Source Tabource Hame Do 2020/IS	Publisher Enterprise	Search Al						



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

DRACLE BI Publisher Enterprise			Search Al	*	0	Administration	Heb~	Sign Out
Idministration				Home Catalog	🤮 New ~	🔁 Open 🛩	Signed In A	a weblogic
dministration > JDBC > Add Data Source								
Add Data Source								
							Apply	Cancel
General								
TIP Please make sure to install the required JDBC driver classe	s./							
TIP With Oracle Fusion Middleware Security Model, select the		o use the BI System Us	er for your BI Server I	Database Connection.				
* Data Source Name	FCSOA							
* Driver Type	Orade 11g							
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* Connection String	jdbc:oracle:thin:@//ofss22	2783.in.oracle.com:152	21/FCUBSDEV121					
	1912							
Use System User " Username	DEV12C_SOAINFRA							
Pre Process Function								
Post Process Function								
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	Test Connection							
Backup Data Source								
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TIP To enable access to a backup data source, please check the	e Use Backun Data Source c	herkhow and enter the	necessary connection	information				
The track occus to a sucception source, press creck o	e ose ouchop oute source e	included and enter one	necessory connection					
	🔲 Use Backup Data Source							
Connection String								
Username								
Password								
	Test Connection							

16. Add the fcubs roles to allowed Roles under security

DRACLE	BI Publisher Enterprise		Search Al		۲	Administration	Help ~	Sign Out
Administration				Home   Catalog	New ~	ڬ Open 🛩	Signed In A	s weblogic
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		BI Administrator Role BI Author Role	ALLROLES					
		BI Consumer Role BI System Role	3					
		FCUBS Consumer Role	Move All					
			S Remove					
			Bemove All					

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



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

## 1.2.10 BAM Report Configuration settings

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

Change Center	😧 H	ome Log Out Preferences 🔛 Record Help	Q		We	kome, weblogic	Connected to: dev_doma		
View changes and restarts	Home	>Summary of Deployments							
Configuration editing is enabled. Future	Summ	ary of Deployments							
changes will automatically be activated as you modify, add or delete items in this domain.	Cont	Control Monitoring							
omain Structure		page displays a list of Java EE applications and stand-alone application			- the design				
ev_domain B-Enviconment Deployment Services	star	page oppays and or Java EE appreciations and scanceutone appreciations read, stopped, updated (redeployed), or deleted from the domain by install a new application or module for deployment to targets in the d	first selecting the applica	tion name a					
- Security Real Deployments, Level 1, 2 of 6, Sel		210.000.00000							
8- Interoperability 8- Diagnostics		tomize this table kovments							
	Inc	tall Update Delete Start v Stop v				Showing 1 to 4	7 of 47 Previous   Next		
	E	Rame 🐵	State	Health	Туре	Targets	Deployment Order		
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Iow do L E		III COppeni	Active	🕈 ок	Enterprise Application	soa_server1	313		
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Monitor the modules of an enterprise     application	83	H TBBamServer	Active	• ок	Enterprise Application	bam_server1	400		
Deploy E38 modules     Instal a Web application		(H) Composer	Active	🗸 ок	Enterprise Application	soa_server1	385		
aystem Status		Coherence-transaction-rar	Active	🕶 ок	Resource Adapter	AdminServer, bam_server1, soa_server1	100		
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Critical (0) Overloaded (0)	23	Ge Db Adapter	Active	🗸 ок	Resource Adapter	soa_server1	322		
Warning (0) OK (3)	83	C Default ToDo TaskFlow	Active	🗸 ок	Enterprise Application	soa_server1	314		
0(3)	10	OMS Application (12.1.3.0.0)	Active	₹ OK	Web	AdminServer, bam_server1,	5		

4. click on Configuration Configuration  $\rightarrow$  Save



Change Center	🙆 Home Log Out Preferences 🔛 Record Help	0	Q	Welcome, weblogic Connected to: dev_doma					
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changes will automatically be activated as you modify, add or delete items in this domain.	Overview Deployment Plan Configuration	Security Targets	Control Testing	Monitoring Notes					
Domain Structure	Application Workload Instrumentation								
ev_doman E-Environment	Save								
Deployments E-Services Security Realms	This page describes the configuration information that is currently defined in the deployment plan for the selected module or component.								
⊕-Interoperability ⊕-Degnostics	Session cookies max age (in seconds):	-1		The life span of the session cooke (in seconds) after which it express on the client. The value '1' indicates that the cooke will pessist until the client's browser shuts down. More info					
	Session Invalidation Interval (in seconds):	60		The time (in seconds) that WebLogic Server wats between doing house-cleaning checks for timed-out and invalid sessions, and deleting the old sessions and freeing up memory. Nore Info					
tow do I 🕾	Session Timeout (in seconds):	3600		The amount of time (in seconds) that a session can remain mactive before it is invalidated. More Info					
Create a deployment plan     Update a deployment plan	Debug Enabled			Enable debugging information for this session More Info					
Start and stop a deployed enterprise     application	Maximum in-memory Sessions:	-1		The maximum number of sessions to retain in memory. The value '-1' indicates that there is no limit. More info					
Configure an enterprise application									
Target an enterprise application to a server  System Status	Monitoring Attribute Name:			Specifies the name of a session attribute which is tagged with session information. For example, if this value is set to username, then the username attribute is guaranteed to be unique. More info					
Health of Running Servers	and the second sec								
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0.155									
WebLogic Server Version: 12.1.3.0.0 Copyright (c) 1996,2014, Oracle and/or its affiliates. Al									

5. Click on Overview $\rightarrow$ check the deployment plan location

change Center	A Home Log Out Preferen	ces 💽 Record H	ieb		Q				Welcome, weblogic Connected to: dev_domai		
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Configuration editing is enabled. Future	Settings for BamComposer										
changes will automatically be activated as you modify, add or delete items in this domain.	Overview Deployment Pla	n Configuration	Security	Targets	Control	Testing	Monitoring	Notes			
omain Structure	Save										
ev_domain 9-Environment Deployments 9-Services Security Realma	plan, and so on. The table	Use this page to view the general configuration of an enterprise application, such as its name, the physical path to the application files, the associated deployment phan, and so on. The table at the end of the page lefs the modules (such as Web applications and EUBs) that are contained in the enterprise application. Glick on th name of the module to view and update its configuration.									
E Interoperability Diagnostics	Name:	BamComposer						e name of	this enterprise application. More Info		
	Path:	/ scratch/ app/ fmw12c/ Middleware/ soa/ bam/ applications/ BamComposer. ear						The path to the source of the deployable unit on the Administration Server. More Info			
	Deployment Plan:	/ scratch/ app/ fmw12c/ Middleware/ soa/ bam/ applications/ plan/ Plan3. xml							the deployment plan document on the n Server. More Info		
low do I E	Staging Hode:	nostage					OR	the Admir	ther a deployment's files are copied from a source istration Server to the Nanaged Server's staging pplication preparation. Nore Info		
Episcecion Configure an enterprise application Create a deployment plan Target an enterprise application to a server	Plan Staging Mode:	(not specified)			from	Specifies whether an application's deployment plan is copied from a source on the Administration Server to the Managed Server's staging area during application preparation. More Info.					
• Test the modules in an enterprise application	Security Model:	DDOnly						The security model that is used to secure a deployed module. More Info			
Vystem Status E Health of Running Servers	e Deployment Order:	500					rela		she that indicates when this unit is deployed, her deployable units on a server, during re anfo		
Pated (0) Critical (0) Overbaded (0) Warning (0) OK (3)	C Deployment Principal Name:						wh Thi call Ap;	en deploy s principal ng out int plicationLif	that indicates the principal that should be used ing the file or archive during startup and blutdown, will be used to set the current subject when to application code for interfaces such as ecyclusteries. If no principal name is specified, inymous principal will be used. More Info		
	Save										

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/[paramname="oracle.adf.view.rich.security.FRAME\_BUSTING"]/param-value</xpath> <origin>planbased</origin> </variable-assignment> </module-descriptor>





<ul> <li>Services</li> <li>Security Realms</li> <li>Interoperability</li> <li>Dagnostics</li> </ul>		istomize this table							
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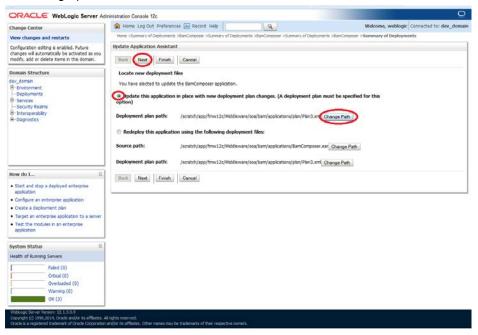
7. Stop the BAM composer application in console.

- 8. Update the deployment plan.
- 9. Click on deployments  $\rightarrow$  click on BAM Composer checkbox  $\rightarrow$  Click on update

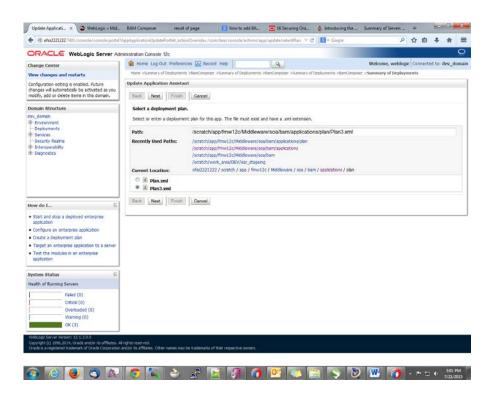
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		🖹 📸 DNS Applica			Active	и ок	Web	AdminServer, bam_server1,	5



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 $\rightarrow$ next $\rightarrow$ next $\rightarrow$ Finish





Citrace Hebrogic Server A	dministration Console 12c				9			
Change Center	🙆 Home Log Out Preferences 🖾 Record Help	2		Welcome, weblogic	Connected to: dev_doma			
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12. Restart the BAM Composer application in the console

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-Virtual Hosts E	To install a new application or module for deployment to targets in this domain, dick	he Install Button.						
Work Managers								
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	101 M PER CMARNER (12.1.0.0.0)	Active		SOAServer	600			

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



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

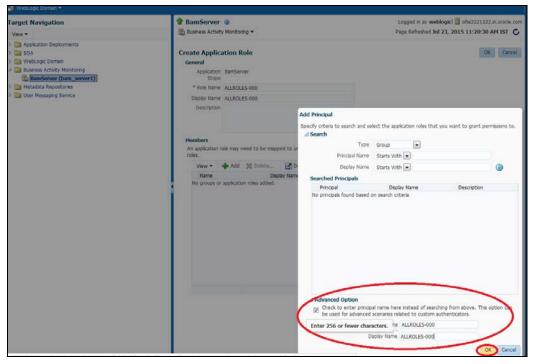
farget Navigation	🕆 BamServer 💿	Logged in as weblogic 🗒 ofss2221222.in.oracle.c
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Aopication Deployments     Su     Aopication Deployments     Webcogo Domail     Webcogo Domail     Useres Active: Montoring     Diser Messiging Service     Montoring     Control     Logs     Control     Logs     Target Information	Application Roles Aslication roles are the roles used by security aware applications that are is global poly: store Provide Poly Store Provide Costor: Vebloage Domain Porder: LDAP Costor: Vebloage Domain Poly Costor Polose Application Polose Response name. Starts With De Role Name No application roles found.	ication roles that are created in the context of end users accessing the veblogic Server Security Provider. tion. Use application stripe to search if application uses a stripe that is

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

Target Navigation	👚 BamServer 💿		Logged in as weblogic 🗍 ofss2221222.in.oracle.co
View -	Business Activity Mon	toring -	Page Refreshed Jul 23, 2015 11:20:30 AM IST
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	Name He groups or zop	Doply Name Addroles ) added.	Type



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

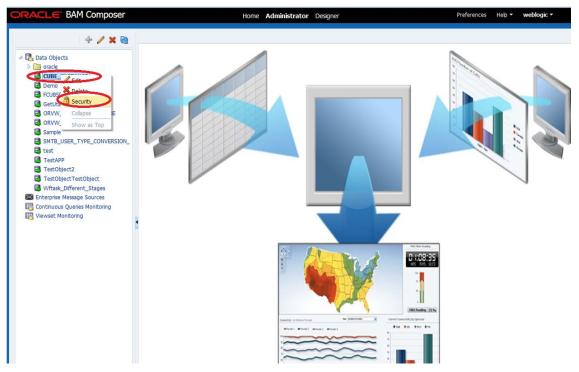


17. Login to BAM Composer → <u>http://hostname:port/bam/composer--</u>> Click on Administrator.





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

+ / × @	GetUtilsDB (Security)	×						3
	Full Name /dat Owner Type USE Owner Name web					1	69	Sa
ORVW_FACILITY_EXPOSURE	1. Grant permission			Add Application Roles, Groups and	Heare		×	
ORVW_TRACK_EXPOSURE	View - 🔶 🗙	Detach			users			
<ul> <li>Sample</li> <li>SMTE_USER_TYPE_CONVERSION_</li> <li>test</li> <li>TestAPP</li> <li>TestObject2</li> <li>TestObjectEstObject</li> <li>Wiftask_Different_Stages</li> <li>Enterprise Message Sources</li> <li>Continuous Queries Monitoring</li> <li>Viewset Monitoring</li> </ul>	Role Name		Write	Name Les Application Role Search Available Heimbers BPMContract/lawar [ALLROLES-000	> >> < < <			
	2 December 2			OK Cancel				
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20. Move the ALLROLES-000 to Selected members.

+/×0	GetUtilsDB (Security) ×			1
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	2. Deny Permission     OK     Cancel       View + * *     M     Otach       Role Name     Read     Write			

21. Click on read ,select and Update check boxes  $\rightarrow$  Click on Save.

+ / × 8	GetUtilsD8 (Security) ;	6						3
	G Security Ful Name /data Owner Type USER Owner Name webk		08					i di 🥸
CRVW_FACILITY_EXPOSURE	1. Grant permission							
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B Wftask_Different_Stages	NO PROVIDENCEMENT	(d)		1	1001	- East	161	
Enterprise Message Sources								
Continuous Queries Monitoring Viewset Monitoring								
	2. Deny Permission							
	View 👻 🌞 💥	Detach			Select	Delete		
	Role Name No data to display	Read	Write	Remove	Select	Desete	Update	Security



- 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

ORACLE BAM Composer	Home Administrator Designer	Preferences Help - Weblogic -
CUBS_BAM_Report	Dashboard or Al United Stress View What do you was Dashboards and Alerts Dashboards are composed of one Create one Alerts are notifications based on gas Create one	t or more views

24. Click on FCUBS\_BAM\_report

FCUBS_BAM_Report 🔟 🖂 🕂 🖉 🏙			
Constant Contract Contrect Contract Contract Contract Contract Contract Contract Contrac	Open Project         Select the project to open         Image: CUBS_BAM_Read(t)         Image: Process Analytics         Image: TestApp_2204	Model Data	



25. click on FCUBS\_BAM\_Report →Security

CUBS_BAM_Report       @ Open Project         C Cubs_Data Objects       > Dekte         > Destross Queries       > Dekte         > Marses Queries       > Destross Vews         > Marses       Dashboard or Al         > Marses       Parameters         > Marses       Destross Vews         What do you want to create?         Dashboards and Alerts
Image: Dashboards are composed of one or more views         Create one         Image: Alerts are notifications based on KPIs, Queries, or Pattern Matches         Create one

26. Click on ADD button Under Grant Permission.

CUBS_BAM_Report 🔳	FCUBS_BAM_Repor	t (Security) ×					2
□ + / × ₩	<b>G</b> Security					1	(a) Save
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FCUBS_BAM_Report 💌	FCUBS_BAM_Report	(Security) ×							
<ul> <li>P → N W</li> <li>Data Objects</li> <li>Business Queries</li> <li>P Dashboards</li> <li>A larts</li> <li>P arameters</li> </ul>	Owner Type USE Owner Name web	Detach Application Roles, Groups	11/2	Remove 7	Security		•	B)	Save
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27. Search the List based on the Application Roles and Select the ALLROLES-000

ORACLE' BAM Composer	Home Administrator Designer	Preferences	Help 🔻	weblogic 🕶
FCUBS_BAM_Report 💌	FCUBS_BAM_Report (Security) ×			2 🖬 ·
<ul> <li>Data Objects</li> <li>Data Objects</li> <li>Business Queries</li> <li>KPIs</li> <li>Business Views</li> <li>Dashboards</li> </ul>	Full Name         /project/FCUBS_BAM_Report           Owner Type         USER           Owner Name         weblogic		1	C Save
Alerts ▷  Parameters	1. Grant permission			
	Add Application Role, Groups and Users × Name Application Role Search Read Read Read Read Read Read Read Read			



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

FCUBS_BAM_Report 💌	FCUBS_BAM_Report (Security) ×	() 🖬 ·
Constances     Constances     Constances     Constances     Constances     Constances     Constances     Constances     Constances     Constances	Full Name /project/FCUBS_BAM_Report Owner Type USER Owner Name weblogic	(j) (ij) (sna
> 📾 Resmeters	Add Application Roles, Groups and Users	
	OK Cancel	

29. Select the Read check box for ALLROLES-000  $\rightarrow$  Click on Save

DRACLE' BAM Composer		Home Administra	tor Designer		Preferences	Help 👻	weblogic *
FCUBS_BAM_Report 💌	FCUBS_BAM_Report (S	ecurity) ×					0.
C + / X 💐	d Security					1	R Save
≥ 100 Business Queries 8 KPIS ≥ 100 Business Views > 100 Business	Full Name /projec Owner Type USER Owner Name weblog	ct/FCUBS_8AM_Report					
Alerta Parameters	1. Grant permission						
Parallevels	View 🕶 💠 💥	detach					
	Role Name	Read Writ		Security	-		
	COLUNE ROLES-000		<u> </u>	1	-		
	BAMContentCreator		1				
	BAMContentViewer		13	8			
	2. Deny Permission						
	View 👻 💠 💥	Detach					
		Read Writ	Remove	Security			
	No data to display						



### 1.2.11 IPM configuration to edit the document

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

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

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

hange Center	Home Log Out Preferences	Record Help	Welcome, weblogic Connected to: IPH_dor
iew changes and restarts	Home		
onfiguration editing is enabled. Future hanges will automatically be activated as you	Settings for myrealm		
odify, add or delete items in this domain.	Configuration Users and Gr	oups Roles and Policies Credential Mappings Providers Migration	
omain Structure	Users Groups		
M_domain *Environment Deployments *Security Realms	This page displays information	about each group that has been configured in this security realm.	
Interoperability Diagnostics	Groups		
	New Delete		Showing 1 to 10 of 568 Previous Next
	🗇 Name 🐟	Description	Provider
	AC-BATCH	Accounting Batch Operations	Foubs
	AC-REPORTS	Accounting Reports	Foubs
w do L	AC-RPT	Accounting Reports	Foubs
Manage users and groups	ADMON	Admin	Foubs
Create groups	AdminChannelUsers	AdminChannelUsers can access the admin channel.	DefaultAuthenticator
Modify groups	Administrators	Administrators can view and modify all resource attributes and start and stop servers.	DefaultAuthenticator
Delete groups	ADMINROLE	Admin Role	Foubs
	AE MAINT-IN	AEOD Maltenance	Foubs
stem Status 🖂	AECO-RPT	AEOD Reports	Fo.bs
alth of Running Servers	AEOD-STB	Accounting Reports	Foubs
Failed (0) Critical (0) Overloaded (0) Warning (0) OK (3)	New. Debie		Showing 1 to 10 of 568. Previous   Net

• Click on the New button.

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



Change Center	A Home Log Out Preferences 🖾 Record Help	Welcome, weblogic Connected to: IPH_domain
View changes and restarts	Home	
Configuration editing is enabled. Future changes will automatically be activated as you	Create a New Group	
modify, add or delete items in this domain.	OK Cancel	
Domain Structure	Group Properties	
IPM_doman TErwironment Deployments Services	The following properties will be used to identify your new Group. * Indicates required fields	
Security Realms	What would you like to name your new Group?	
Diagnostics	* Name: IPMUserGroup	
	How would you like to describe the new Group?	
	Description: User group for IPM	
	Please choose a provider for the group.	
How do I	Provider: DefaultAuthenticator	
Create groups	Default-kotnenticator	
<ul> <li>Modify groups</li> </ul>	OK Cancel	
Delete groups		
Create users     Manage users and groups		
System Status		
Health of Running Servers	1	
Failed (0) Critical (0)		
Overloaded (0)		
Warning (0)		
OK (3)		

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

ORACLE	WebCenter Content: Imaging		
Plant of the second second			
		Sign In	
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		127.22	
		User 1D	
		Password	
		Alternative and the second sec	
		Sign In	
		Sign in	
Copyright (c) 2010, 2	013 Oracle and/or its affiliates. All rights reserved.		Privacy Statement
	1999 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -		

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



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i 🔁 Searches Intel_10	REXCUBE: Application Summary	Muddy 2 Dents @ Das
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	III Workflow Configuration	
	Workflow contigentions has and been defined.	
	=Application History	
	Date Date New New 2020/2014. Universe date willings 2020/2014 Children Holfy withings	
C Manage Inputs		
A Manage Connections		
Manage Security		

- 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

ORACLE WebCenter Conter	ic imaging		
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- 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

ORACLE' WebCenter Co	ntent: Imaging				Logged in a	is weblogic   Help   P	tefresh   Preferences   Logout   About
E 🖢 Searches USER_10	USER_ID: Search Summary	10					Modify 🗱 Delete 🛞 Ck
iii 🖑 Tools III 🖓 Hanage Searches USR_JD	Properties Search Name USER_DD Description Instructions Maximum Search Results 0 Results Formatting						
	Source Application DOCID	Document Creato	n Document Created	Document Batch Id	Document Id		
	FLEXCLIBE DOCID	Document Creatio	Document Created	Document Batch Id	Document Id		
	Parameters Parameter Name Prompt Text Document Created Do	Operator Text ted Contains	Default Value	Piddat	Required	Read Only	
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🗉 🚱 Manage Connections	7/4/2014 Definition Modif 7/4/2014 Definition Modif						
🗉 👺 Manage Security							

- 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



ORACLE WebCenter	Content	Imaging	Logged in as weblogic   Help   Refresh   Preferences   Logout   About   @
ා වූ Searches user ුප		Prodettes: Reults Formattrag: Conditions: Parameters: Security: Terview and Test: Review Settings: USER_ID: Security Review Settings: Prodetectority rights for the search, select Test" when you have finished with search security. Ganda TY-Clary & Tennois	Generi gedi Negt Scorer
🗉 🖉 Tools	_	Type Security Member View Modify Delete Grant Access	
H Anage Searches	3	Administrators 2 2 2 2	
E Manage Applications     G G Hanage inputs     Manage Connections     G Manage Sourity		Image: Second for groups or uses. Use the first neuroid to work for a specific damage or user name. (For example, search for M*) to find nember name. Storing with M* and damage with A*1.) Leave the text specific block to return all members.         Device for any for example, search for M*) to find nember name. Store sample, search for manual store sample, search for sample, search for manual store sample, search for samp	

9) Copy the FCBPELCIS.jar to location

<ORACLE\_HOME >\user\_projects\domains\<domian 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.

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

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



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

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

### 1.2.12 Configuring Superviser Roles in EM

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

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Target Navigation	🕈 soa-infra 🛛	Logged in as weblogic 🗍 ofss220337.in.orade.com
	😤 SOA Infrastructure -	Page Refreshed Jun 6, 2015 7:22:17 AM EDY
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3. Select Principal Name as 'Group' from drop down list.

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

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



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Target Navigation	🔮 soa-Infra 🕐	Logged in as weblogic 🗍 ofss220337.in.oracle.com Page Refreshed Jun 6, 2015 7:22:17 AM EDT 💍
Ver *      Advactan Detorments      Advactan Detorments      Manufacture      Advactan Detorments      Manufacture      Advactance      So server1      Manufacture      So server1      So server1      Manufacture      So server1      So server1      Manufacture      So server1      So serv	Create Application Grant     Advanced Option     Wer     No perm     No p	Description  Resource Type Permission Actions

7. Add permission for the grantee.

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🛃 soa_server1	Name	Display Name	Type	Description	
<ul> <li>Metadata Repositories</li> <li>User Messaging Service</li> </ul>	OR-SUPERVISOR 000		Group		
	Permissions				
	View - 🔶 Add 🥒 Edt	3% Delete Detach			
	Permission Class No permissions added.		Resource Name	Resource Type	Permission Actions

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



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Ver -		
	TIP Continue to go to next step if you want to enter policy details.	

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

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	Add Permission × Per Customize resource or actions for selected permission.  Customize Permission Class: oracle bpd.sen/ces.workflow.permission.WorkflowPermission Resource Name: workflow.admin Permission Actions	Resource Type Permission Actions
	Box Stert Cance	

10. Click OK on Application Grant Page.

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		W neicem	Descure Name	Anna Tan	Description Automa
		permission.WorkflowPermission	workflow.admin	Kesource Lype	Permission Actions



## 1.2.13 Email Driver Configuration

- 1. Login to EM console
- 2. Navigate to User Messaging Service
- 3. Right click usermessagingdriver-email (soa\_server1)
- 4. Click on Email Driver Properties

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📲 WebLogic Domain 🔻		
Target Navigation		î١
View 🔻		2
Application Deployments	5	
D 🛅 SOA		En
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User Messaging Service		
usermessagingdriver	-email (bam_server1)	
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a usermessagingserve	Control	- <b>- -</b>
	Logs	+
	Performance Summary	
	Email Driver Properties	
	System MBean Browser	
	Target Information	

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



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Target Navigation	👕 usermessagingdriver-email ③ ॐ User Messaging Email Driver ▼	Logged in as weblogic   🗍 ofss2221222.in.orade.cor Page Refreshed Jun 11, 2015 11:09:57 AM IST 💍
Application Deployments  SOA  Comparison  MebLogic Domain  Business Activity Monitoring	Edit Driver Properties	OK Cancel
Metadata Repositories     General User Messaging Service     Service     Service     Service	Name FCUBS121 Driver Type User Messaging Email Driver @ Domain	Supported Protocols SMTP Supported Carriers
usermessagingdriver-email (soa_serve           Will usermessagingserver (bam_server 1)           Will usermessagingserver (soa_server 1)	Configuration Level Ouster Cluster Name Supported Delivery Types EMAIL	Use Sender Addresses Sender Address
	Capability SEND, RECEIVE Supported Content Types *	EMAjiL:xxx@xxx.xom
	Supported Status Types DELIVERY TO CARTEWAY SUCCESS, DELIVERY TO CARTEWAY FALLINE, USER REPLY_AORIONLEDGEMENT_SUCCESS, USER_REPLY_AORIONLEDGEMENT_FALLINE	Speed Supports Cancel: Supports Replace Supports Status Polling Supports Tracking

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

Driver-Specific Configura	tion				
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	m
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 Configura	tion				
Name	Description	Mandatory	Encoded Credential	Value	
Outgoing Mail Server	The name of the SMTP server. Mandatory only if e-mail sending is required.			XXXXX	*
Outgoing Mail Server Port	Outgoing Mail Server Port			25	
Outgoing Mail Server Securit	The security used by SMTP server. t Possible values are None, TLS and SSL. Default value is None.			None	
Default From Address	Deprecated. Use Default Sender Address instead. The default FROM address (if one is not provided in the outgoing message).			xxx@xxx.com	
Outgoing Username	The username used for SMTP authentication. Required only if SMTP authentication is supported by the SMTP server.				
	The energy of the curro				Ŧ

13. Navigate to SOA Administration ->Workflow Properties

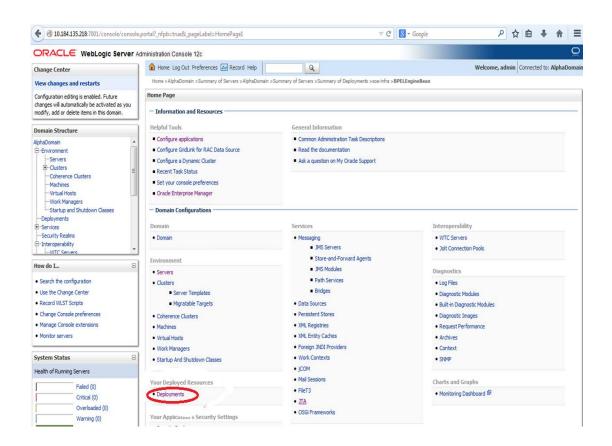
arget Navigatio	n	soa-infra 💿	e •	Logged in as weblogic 🗍 ofss2221222 in orade a
Application Depl	and the second	Mailer Task		
> 😽 soa-infra 🖉	Home >	() Information		
WebLogic Don	Monitoring		e in this page require a server restart to take effect.	Related Links + Apply Revert
Metadata Rep User Messagir Wiermessa Wiermessa Wiesermessa	SOA Deployment  Manage Partitions Work Manager Groups Resequencing Groups		he Workflow Notification, configure the Messaging Service Driver. Go to the Messaging Driver page e Email	A writer of the second
Se usernessa	Service Engines  Bindings Services and References	* Email : Actiona	rom Address SocieDoci.com	
	Business Events	* Email : Reply	To Address xxx@xxx.com	
	SOA Administration	Common Properties	cation Configuration Properties	
	Security  Administration Target Information	BPEL Properties BPMIN Properties		
-	larget phormation	Mediator Properties Workflow Properties		
		B2B Server Properties Cross References Token Configurations Auto Purge		

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



## 1.2.14 TimeOut Settings for BPEL

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



3. Click on SOA\_INFRA Application under deployments.



services Security Realms	🕅 Name 🏟	State	Health	Турс	Targets	Deployment Order
-Interoperability 	erade.wsm.console.core.view(1.0, 12.1.3.0)	Active		Library	AdminServer	311
ow do I 🖂	orade.wsm.seedpolices(2.0,12.1.3)	Active		Library	AdminServer, BAMServer, SQAServer	100
Instal an enterprise application Configure an enterprise application	CradeAppsAdapter	Active	• ок	Resource Adapter	SOAServer	328
Update (redeploy) an enterprise application Start and stop a deployed enterprise application	CracleBamAclapter	Installed		Resource Adapter		329
Application Monitor the modules of an enterprise application	E CadesPMBACServerApp	Active	✓ OK	Enterprise Application	SOAServer	384
Deploy EJB modules Install a Web application	E CCradeBPMComposerRolesApp	Active	🕈 СК	Enterprise Application	SOAServer	382
vstem Status	E COAdeRPMProcessRalesApp	Active	• ок	Enterprise Application	SOAServer	381
ealth of Running Servers	CradeDPMWorkspace	Active	¢ок	Enterprise Application	SOAServer	383
Failed (0) Critical (0)	🔄 ora: 18n-adf(11, 11. 1. 1. 1. 0)	Active		Lilxary	AdminServer, BAMServer, SOAServer	100
Overloaded (0) Warning (0)	🔲 nowasp.esap(2.0, 12. 1. 3)	Active		Library	AdminServer, BAMServer, SOAServer	100
OK (2)	SAPAdepter	Installed		Resource Adapter		335
	E C SimpleApprovalTaskFlow	Active	¢ок	Enterprise Application	SOAServer	386
	E Casoa Anfra	Active	or an	Enterprise Application	SOAServer	350
	E & Derawartette	Active	€ок	Enterprise Application	SOAServer	360
	🗉 🏠 soa.em	Active		Library	AdminServer	100
	SocietAdapter	Installed		Resource Adapter		326
	state-management-provider-memory-rar-12.1.3	Active	ok 🗸	Resource Adapter	AdminServer, BAMServer, SOAServer	100
	EITX(11,12.1.3.0.0)	Active		Library	AdminServer, BAMServer, SOAServer	100
	1 1 January and the second sec		-	-		-

4. Click on BPEL Engine EJB $\rightarrow$ Configuration $\rightarrow$ set Transaction Time Out to 300.

B2BInstanceMessageBean	638	
B2BIntegratorBean	EJB	
B2BMetadataUtiltyBean	EJB	
B2BStarterBeanWLS	EJB	
B2BUtiltyBean	EJB	
BAMActionMD8	EJB	
BeamActionMDB	EIB	
BottleneckDetectionBean	EJB	
BPELActwityManagerBean	EJB	
BPELAudit TraiBean	EJB	
BPELCacheRegistryBean	EJB	
BPELCacheStoreBean	EJB	
BPELClusterBean	EJB	
C BPELDeliveryBean	EJB	
BPELDispatcherBean	EJB	
BPELEngineBean	EJB	
BPELFind BPELEngineBean, Level 3, 22 of 106	EJB	
BPELInstanceManagerBean	E)B	
BPELKeyGeneratorBean	EJB	
BPELProcessManagerBean	EJB	
BPELSensorValuesBean	EJB	
BPELServerManagerBean	EDB	
BPELTestInstanceManager	EJB	
BpmAGProcessBrokerServiceBean	EJB	
BpmAppServiceBean	EJB	
BPMDataObjectSecurityService	EJB	
BPMNActwityManagerBean	EJB	
BPMNAudt TraiBean	EJB	
6 BPMNClusterBean	EJB	



("Hau wies	Name:	BPELEngineBean	The name of this bean. More Info
Virtual Hosts Work Managers	Type:	stateless	The EJB type (session, enbty, or message). More Info
-Startup and Shutdown Classes -Deployments Services	Transaction Type:	Container	The bear's transaction type. More Info
-Security Realms	DB Class Name:	com.collaxa.cube.engine.ejb.inpl.bpel.BPELEngineBean	E38 Class Name More Info
L-WTC Servers	Pool Configuration		
w do I	Initial Beans in Free Poot	100	The initial number of beans in the free pool. More Info
Configure Version 2.X E38s	Second and the second second second		
View deployment status of EJBs Set EJB target servers and dusters Update (redeploy) EJBs Stop EJBs	Max Beans in Free Pool:	1000	The maximum number of beams in the free pool. When an LB has been in the free pool for the number of seconds specified in idd. Thread, and the total number of beams in the free pool approaches the maximum beams in free pool specified in this field, idle beams are removed from the free pool. More Info
	Idle Timeout:	0	The maximum length of time (in seconds) an EJB should remain in the cache or free pool before it is passivated or removed. More Info
alth of Running Servers	- Enterprise Bean Configuration		
Faled (0) Critical (0) Overloaded (0)	Network Access Point:		Custom network channel that the E38 uses for network communications. More Info
Warning (0) OK (2)	Run As Principal Name:		The security principal to be used as the run-as principal for a bean that has security-identity specified in its gb-jar.xml file. More Info
	Create As Principal Name:		The principal to be used when ejbCreate would otherwise run with an anonymous principal. More Info
	Remove As Principal Name:		The principal to be used when etbRemove would otherwise run with an anonymous principal. More Info
	Passivate As Principal Name:		The principal to be used when etbPassivate would otherwise run with an anonymous principal. More Info
	JNDI Name:		The JNDI name of an EJ8, resource, or reference in WebLogic Server. More Info
	Local JNDI Name:		The JNDI name for a bean's local Home. More Info
	👩 Dispatch Policy:		Designates which server execute thread pool the E18 should run in. More ${\rm Info}_{\rm col}$
	Transaction Timeout:	300	The transaction timeout value, in seconds. More Info
	Save		
abLogic Server Version: 12.1.3.0.0 pyright (c) 1996.2014. Oracle and/or its affiliate			

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

B28Utilty9ean	EIB	
BAMActionMDB	EIS	
BeamActionMDB	EI9	
BottleneckDetectionBean	EJO	
BPELActivityManagerBean	E18	
BPELAudit TrailBean	E18	
DPELCacheRegistryBean	EIB	
BPELCacheStoreBean	EIG	
BPELClusterBean	EJB	
BPELDelvervBean	E18	
BPELDispatch BPELDeliveryBean, Level 3, 20 of 106	813	
OPELEngineBean	813	
DPELFinderBean	813	
BPELInstanceManagerBean	813	
BPELKeyGenerator8ean	EIB	
BPELProcessManagerBean	8(3	
BPELSensorValuesBean	818	
BPELServerManagerBean	818	
BPEL TestInstanceManager	EJB	
BpmAGProcessBrokerServiceBean	E18	
BpmAppServiceBean	E18	
BPMDataObjectSecurityService	EIB	
BPMNActivityManagerBean	EJ8	
BPMNAudt TraiBean	E18	
BPMNClusterBean	E18	
BPMNDelveryBean	EJB	
BPMNDspatcherBean	EJB	
BPMNEngineBean	E18	
BPMNFinderBean	819	



	Type:	stateless	The EJB type (session, entity, or message). More Info
	Transaction Type:	Container	The bean's transaction type. More Info
	EJB Class Name: — Pool Configuration —	com.collaxa.cube.engine.ejb.impl.bpel.8PELDelvery8ean	EJB Class Name More Info
low do I	Initial Beans in Free Pool:	200	The initial number of beans in the free pool. More Info
Configure Version 2.X EJBs View deployment status of EJBs Set EJB target servers and clusters Update (redeploy) EJBs	Max Beans in Free Pool:	1000	The maximum number of beans in the free pool. When an EBB has been in the free pool for the number of seconds and in Idla Timeout, and the total number of beans in the free pool approaches the maximum beams in free pool apecided in that field, side beams are removed from the free pool. More Info
• Stop EJBs	Idle Timeout:	0	The maximum length of time (in seconds) an EIB should remain in the cache or free pool before it is passivated or removed. More Info
lealth of Running Servers	— Enterprise Bean Configu	ration	
Fale( ()) Critical (0) Overloaded (0) Warning (0) Oic (4)	Network Access Point:	[]	Custom network channel that the EJB uses for network communications. More Info
	Run As Principal Name:		The security principal to be used as the run-as principal for a bean that has security-identity specified in its elb-jar.xml file. More Info
	Create As Principal Name:		The principal to be used when ejbCreate would otherwise run with an anonymous principal. More Info
	Remove As Principal Name:		The principal to be used when ejbRemove would otherwise run with an anonymous principal. More Info
	Passivate As Principal Name:		The principal to be used when ejbPassivate would otherwise run with an anonymous principal. More info
	JNDI Name:		The JNDI name of an EJB, resource, or reference in WebLogic Server. More Info
	Local JNDI Name:		The JNDI name for a bean's local Home. More Info
	👸 Dispatch Policy:		Designates which server execute thread pool the EIB should run in. More Info
	Transaction Timeout:	1800	The transaction timeout value, in seconds. More Info

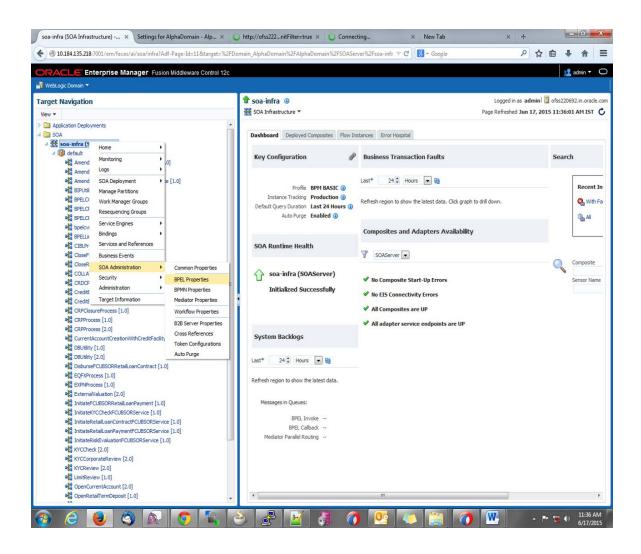
- 6. Login in to Console  $\rightarrow$  JTA
- 7. Set the JTA timeout According to the below condition. Make sure BPELEngineBean + BPELDeliveryBean is <= JTA timeout(300+300<=600)



<u> </u>	·····									
	inistration Console 12c		Q							
Change Center	🏦 Home Log Out Preferences 🖂 Record Help	Q	Welcome, weblogic Connected to: dev_domain							
View changes and restarts	Home >Summary of Deployments >dev_domain									
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Settings for dev_domain									
	Configuration Monitoring Control Security Web Ser	rvice Security Notes								
Domain Structure	General JTA JPA EJBs Web Applications Logging	Log Filters								
dev_domain B-Environment	Save									
Deployments ⊕ Services → Security Realms ⊕ Interoperability ⊕ Dagnostics	Use this page to define the Java Transaction API (JTA) configuration of this WebLogic Server domain.									
	Tmeout Seconds:	3600	Specifies the maximum amount of time, in seconds, an active transaction is allowed to be in the first phase of a two-phase commit transaction. If the specified amount of time expires, the transaction is automatically roled back. <b>More Info</b>							
	Abandon Timeout Seconds:	86400	Specifies the maximum amount of time, in seconds, a transaction manager persists in attempting to complete the second phase of a two-phase commit transaction. More Info							
How do I   • Configure domain JTA options	Before Completion Iteration Limit:	10	The maximum number of cycles that the transaction manager performs the beforeCompletion synchronization callback for this WebLogic Server domain. More Info							
Configure advanced domain JTA options	Max Transactions:	10000	The maximum number of simultaneous in-progress transactions allowed on a server in this WebLogic Server domain. <b>More Info</b>							
System Status  Health of Running Servers	Max Unique Name Statistics:	1000	The maximum number of unique transaction names for which statistics are maintained. More Info							
Faled (0) Critical (0) Overloaded (0) Warning (0) OK (4)	Checkpoint Interval Seconds:	300	The interval at which the transaction manager creates a new transaction log file and checks all old transaction log files to see if they are ready to be deleted. More Info							
	Write recovery logs when determiners configured		Indicates two-phase transaction recovery logs are written even if one or more determiners are configured. More Info							
	Determiners:		Specifies a list of one or more transaction resources (determiners) separated by line breaks. A determiner's in-doubt transaction records are used during transaction recovery when a TLog is not present. More Info							
			Specifies whether the transaction manager automatically performs an XA Resource forget operation for heuristic transaction completions. More Info.							

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







			, ,		•	☆自	👥 admi	
RACLE Enterprise Manager Fusion Middleware Contro WebLogic Domain -	120						adm	n v
ange Center®	•	soa-in	fra 🛈	Logger	d in as <b>ad</b>	Imin 📃 ofss	220692.in	.orad
Changes 🔻 🖂 Recording 👻	똟	SOA Infi	astructure 🔻	Page Refres	hed <b>Jun</b> 1	17, 2015 11:	37:36 AM	I IST
get Navigation	Sv	stem I	MBean Browser					
w •		Application Defined MBeans: BPELConfig:bpel					Apply	Re
Application Deployments		і) та	formation					
SOA		-		not managed by the configuration session. The changes will be applied im	mediately.	You cannot u	ndo the ch	hang
🚟 soa-infra (SOAServer)		fro	m the Change Center.					
4 🔞 default		👂 Sho	w MBean Information					
AmendFCUBSORNFRetailLoanContract [1.0]		Attribu	tes Operations Notifications					
AmendFCUBSORRetailLoanContract [1.0]		Nar	na .	Description	Access	Value		
AmendRetailLoanContractFCUBSORService [1.0]			georeennerrerriteorioio	a separate location from the rest of the instance scope data	Access	Value		
He BIPUtility [1.0]				specify the number of invoke messages that can be kept in the				
BPELCOLLATProcess [1.0]				in-memory cache, once the engine hits this limit, it would push the		C		
BPELCRProcess [1:0]		22 Ma	iximumNumberOfInvokeMessagesIi	message to dispatcher in-memory cache, instead it would save the message in the db and these saved messages can be recovered using	RW	100000		
bpelcvnprocess [1.0]				recovery job, you can use value -1 to disable				
BPELLimitReview [1.0]		23 M	xRecoverAttempt	This value specifies the maximum number of times an invoke or callback	RW	2		
CIBLProcess [1.0]		25 110	ixkecover Attempt	or activity will be recovered	RVV	2		
CloseFCUBSORRetailLoanContract [1.0]	-	24 Mi	BPELWait	The minimum time duration for BPEL to do a real wait that involves a dehydration	RW	2		
CloseRetailLoanContractFCUBSORService [1.0]		25 ob	iectName	The MBean's unique JMX name	R	oracle.as.so	ainfra con	fiar
G COLLATProcess [1.0]			eWayDeliveryPolicy	Changes whether the one-way invocation messages are delivered	RW	async.pers		
G CRDCProcess [1.0]				flag to enable or disable coherence cache for bpel service engine. use				
GreditBureauBPEL [1.0]		27 Qu	alityOfService	CacheEnabled for enabling coherence.	RW	DirectWrite		
GreditBureauHandler [1.0]		79 0	alityOfServiceAuditStorePolicyUsel	flag to enable or disable coherence cache for bpel service engine when	RW	false		
Ha CRPClosureProcess [1.0]		20 QU	alityo13el viceAddit3to1eFolicy0sel	auditStorePolicy is set to async	R.W	Idisc		
CRPProcess [1.0]		29 Qu	alityOfServiceOneWayDeliveryPoli	flag to enable or disable coherence cache for bpel service engine when oneWayDeliveryPolicy is set to async	RW	false		
Real CRPProcess [2.0]		30 Pe	adOnly	If true, it indicates that this MBean is a read only MBean.	R	false		
CurrentAccountCreationWithCreditFacility [1.0]			coveryConfig	Recovery Configuration	RW	javax.mana	ement.on	benm
Generative Butility [1.0]			curringMaxMessageRaiseSize	Number of messages to recover during recurring recovery	RW	50	,	
He DBUtility [2.0]			startNeeded	Indicates whether a restart is needed.	R	false		
DisburseFCUBSORRetailLoanContract [1.0]			ecCompliance	Sets how the implementation is compliant to the spec	RW	suggest		
CEQFXProcess [1.0]			artupMaxMessageRaiseSize	Number of messages to recover during startup recovery	RW	50		
Big EXPNProcess [1.0]			atsLastN	The size of the "most recently processed" request list	RW	-1		
Ha ExternalValuation [2.0]		30 50	ISLOSUN		RW	-1	-1	
P InitiateFCUBSORRetailLoanPayment [1.0]	(	37 Sy	ncMaxWaitTime	The maximum time a request/response operation will take before it times out. The default value is 45 seconds	RW	45	)	
ଖିଲ୍ଲି InitiateKYCCheckFCUBSORService [1.0] ଖିଲ୍ଲି InitiateRetail.oanContractFCUBSORService [1.0]		38 Sy	stemMBean	If true, it indicates that this MBean is a System MBean.	R	false		
InitiateRetailLoanContractFCUBSORService [1.0]     GalaiteRetailLoanPaymentFCUBSORService [1.0]			lidateXML	If set to "true" the engine will apply schema validation for incoming and outgoing xml documents. The default value "false".	RW	false		
Ga InitiateRiskEvaluationFCUBSORService [1.0]		40 Ve	rsion	version of the config file	R	11.1.0		
H KYCCheck [2.0]		41 Vis		If true, it indicates that this MBean is visible to current user.	R	true		
R KYCCorporateReview [2.0]		11 11		III				



# 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 <u>Running Backend Scripts</u>

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.guartz-scheduler.org/download/download-catalog.html
- 1. Extract the gz file.
- 2. Open the folder 'Quartz-Latest Qualified Version \docs\dbTables' folder and run 'tables\_oracle.sql' (this is specific to Oracle Database) in the schema.

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

## 1.4 Integrating Oracle FLEXCUBE UBS and BIP Reports

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

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

#### **Deployment from Weblogic Administration Console**

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

## 1.5 Integrating Oracle FLEXCUBE UBS and MBean

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

### 1.5.1 Startup Script Modification

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

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

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



 d) Search for 'WLS\_REDIRECT\_LOG'. After '%JAVA\_OPTIONS%' add the following code under 'if' and 'else' conditions.

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

Now, the details will look like this:

```
if "%WLS_REDIRECT_LOG%"=="" (
    echo Starting WLS with line:
        echo %JAVA_HOME%\bin\java %JAVA_VM% %MEM_ARGS% -
    Dweblogic.Name=%SERVER_NAME% -
    Djava.security.policy=%WL_HOME%\server\lib\weblogic.policy
%JAVA_OPTIONS% %PROXY_SETTINGS% %SERVER_CLASS%
    %JAVA_HOME%\bin\java %JAVA_VM% %MEM_ARGS% -
    Dweblogic.Name=%SERVER_NAME% -
    Djava.security.policy=%WL_HOME%\server\lib\weblogic.policy
%JAVA_OPTIONS% -
    Dtoplink.xml.platform=oracle.toplink.platform.xml.jaxp.JAXPPlatform
%PROXY_SETTINGS% %SERVER_CLASS%
    ) else (
```

echo Redirecting output from WLS window to %WLS\_REDIRECT\_LOG%

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

)

e) Restart the Weblogic server.





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

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