Setting up Plug-Ins Oracle FLEXCUBE Investor Servicing Release 14.7.4.0.0 [March] [2024]

FINANCIAL SERVICES

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# 1. Setting\_up\_Plugins

# 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 IS and BPEL

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

#### 1.2.1 Custom Provider Configuration

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 FCIS 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.

hange Center	🔒 Home Log Out Preferences 🔤 Record Help	Q	Welcome, weblogic Connected to: Dev1201_doma
iew changes and restarts	Home >Summary of Security Realms		
onfiguration editing is enabled. Future	Home Page		
anges wil automatically be activated as you odify, add or delete items in this domain.	- Information and Resources		
omain Structure	Helpful Tools	General Information	
v 1201_domain -Environment -Deployments -Services -Security Realms	Configure applications     Configure gridLink for RAC Data Source     Configure a Dynamic Cluster     Recent Task Status	Common Administration Task Descriptions     Read the documentation     Ask a question on My Oracle Support	
-Interoperability -Diagnostics	Set your console preferences     Orade Enterprise Manager		
	- Domain Configurations		
	Domain	Services	Interoperability
	• Domain	Messaging     JMS Servers	WTC Servers     Jolt Connection Pools
ow do L.,	Environment	<ul> <li>Store-and-Forward Agents</li> </ul>	
	Servers	<ul> <li>JMS Modules</li> </ul>	Diagnostics
Search the configuration	Clusters	Path Services     Bridges	Log Files
Use the Change Center	<ul> <li>Server Templates</li> </ul>		<ul> <li>Diagnostic Modules</li> </ul>
Record WLST Scripts Change Console preferences	<ul> <li>Migratable Targets</li> </ul>	Data Sources     Persistent Stores	<ul> <li>Built-in Diagnostic Modules</li> </ul>
Manage Console extensions	Coherence Clusters	Mersistent Stores     XML Registries	Diagnostic Images
Manage console extensions Monitor servers	Machines	XML Registries     XML Entity Caches	Request Performance
Montor servers	Virtual Hosts	Foreign JNDI Providers	Archives
/stem Status	Work Managers	Vork Contexts	Context
	<ul> <li>Startup And Shutdown Classes</li> </ul>	iCOM	• SNMP
ealth of Running Servers		Mail Sessions	
Failed (0)	Your Deployed Resources	• FileT3	Charts and Graphs
Critical (0)	Deployments	• JTA	<ul> <li>Monitoring Dashboard <sup>®</sup></li> </ul>
Overloaded (0)		OSGi Frameworks	
	Your Application's Security Settings		
Warning (0) OK (3)	Security Realms		



5. Click on myrealm.

	Iministration Console 12c	0
Change Center	🔒 Home Log Out Preferences 🖂 Record Help	Welcome, weblogic Connected to: Dev1201_domain
View changes and restarts	Home >Summary of Security Realms	······································
Configuration editing is enabled. Future changes wil automatically be activated as you modify, add or delete items in this domain.	Summary of Security Realms A security realm is a container for the mechanisms-including users, groups, security realms in a WebLook Server domain, but only one can be set as the c	curity roles, accurity policies, and security providers—that are used to protect WebLogic resources. You can have multiple
Domain Structure		
Dev1201_domain 0) Environment Deployments 0) Services Security Realms 0) Interoperability	This Security Realma page lats each security realm that has been configured is Customize this table Realms (Filtered - More Columns Exist)	this WebLogic Server domain. Click the name of the realm to explore and configure that realm.
Diagnostics	New Delete	Showing 1 to 1 of 1 Previous   Next
	🔲 Name 🗇	Default Realm
	myrealm	true
	New Delete	Showing 1 to 1 of 1 Previous   Next
How do I 🗉		
Configure new security realms		
Delete security realms		
Change the default security realm		
System Status		
System Status  Health of Running Servers		
Failed (0)           Critical (0)           Overlaaded (0)           Warning (0)           OK (3)		
Copyright (c) 1996,2014, Oracle and/or its affiliates. A	I rights reserved. 1 and/or its affiliates. Other names may be trademarks of their respective owners.	

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

	dministration Console 1	20	9
Change Center		references 🔤 Record Help	Welcome, weblogic Connected to: Dev1201_domain
View changes and restarts	Home >Summary of S	ecurity Realms >myrealm >Providers > FC3CustomProvider >Providers	
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Create a New Auther	ntication Provider	
Domain Structure	Create a new Aut	hentication Provider	
Dev 1201_domain E-Environment Deployments E-Services	The following proper * Indicates required fie	tes will be used to identify your new Authentication Provider.	
Security Realms ⊡Interoperability ⊡Diagnostics	The name of the auth	entication provider.	
	This is the type of aut	thentication provider you wish to create.	
	Type:	FCUBSUserAuthenticator	
How do I	OK Cancel		
Manage security providers			
Configure Authentication and Identity     Assertion providers			
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 affiliates. A Oracle is a registered trademark of Oracle Corporatio		ames may be trademarks of their respective owners.	

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

nange Center	Home Log C	👔 Home Log Out Preferences 🖾 Record Help							Velcome, weblog	c Connected to: Dev1201
w changes and restarts ifiguration editing is enabled. Future nges will automatically be activated as you	Messages		myrealm >Providers >F		>Providers					
lify, add or delete items in this domain.	Settings for my	yrealm								
nain Structure	Configuration	Users and Groups	Roles and Policies	Credential Mapp	nas Provide	ns Migratio	on			
1201_domain Environment	Authenticati	on Password Valida	ation Authorization	Adjudication	Role Mapping	Auditina	Credential Mapping	Certification Path	Keystores	
legnostics	Customize t	his table	you to work with user	s and groups from	previous releasi	es of WebLog	gic Server.		Sh	wing 1 to 4 of 4 Previous
do I 🖂		$\sim$	·		Description				5.7	Version
onfigure Authentication and Identity ssertion providers	FCJCust	omProvider			- Authentication p	rovider for Fi	LEXCUBE users			FCUBS 12.1
onfigure the Password Validation provider	Trust Se	rvice Identity Asserte	r		Trust Service Identity Assertion Provider					1.0
anage security providers	📃 DefaultA	uthenticator			WebLogic Authentication Provider				1.0	
et the JAAS control flag	Defaulti	DefaultIdentityAsserter     WebLogic Identity Assertion provider								1.0
Re-order Authentication providers		lete							Sh	owing 1 to 4 of 4 Previous
Failed (0)										

	Iministration Console 12c		Q
Change Center	😰 Home Log Out Preferences 🔤 Record Help	Q	Welcome, weblogic Connected to: Dev1201_domain
View changes and restarts	Home >Summary of Security Realms >myrealm >Provid	ders >FC3CustomProvider > <b>Providers</b>	
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Reorder Authentication Providers           OK         Cancel		
Domain Structure	Reorder Authentication Providers		
Dev 10 L domain Environment - Ocdyoments - Services - Services - Security Realms - Security Realms - Security Realms - Security Realms - Security Realms - Networks - Networks	Vou can reorder your Authentication Providers using Select authenticator(s) in the list and use arrows to in Calibrian Providers: PCOLSUSTON Provider Crust Service: Identity Asse Default/Authenticator Default/Authenticator Cancel	g the list below. By reordering Authentication Providers, you can nove them up and down in the list.	alter the authentication sequence.
Set the JAAS control flag			
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 affiliates. A Oracle is a registered trademark of Oracle Corporation	l rights reserved. 1 and/or its affiliates. Other names may be trademarks of their 1	respective owners.	

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

Change Center	Home Log Out Preferer	nces 🛃 Record Help	Welcome, weblogic Connected to: Dev1201_domain
-		Realms >myrealm >Providers >FCJCustomProvider >Providers >FCJCustomProvider	
View changes and restarts			
Configuration editing is enabled. Future changes will automatically be activated as you	Settings for FCJCustomPr	ovider	
modify, add or delete items in this domain.	Configuration		
Domain Structure	Common Provider Spec	ific	
Dev1201_domain	Save		
Deployments	This page allows you to de	fine the general configuration of this provider.	
Security Realms	🚓 Name:	FCJCustomProvider	
⊞-Diagnostics	i Description:	Authentication provider for FLEXCUBE users	
	👸 Version:	FCUBS 12.1	
	街 Control Flag:	SUFFICIENT .	
How do I	Save		
No task help found.			
System Status 🖂	í		
Health of Running Servers			
Failed (0)			
Critical (0)			
Overloaded (0)			
Warning (0) OK (3)			
OK (3)	1		

#### 11. In Provider Specific tab

a) Set JNDIName as Flexcube JNDI Name.

b) If external authentications used in FCIS then Fill the LDAP/MSAD related fields.

	Iministration Console 12c		Q
Change Center	🔒 Home Log Out Preferences 🖂 Record Help	Q	Welcome, weblogic Connected to: Dev1201_domain
View changes and restarts	Home >Summary of Security Realms >myrealm >Providers :	FCJCustomProvider >Providers >FCJCustomProvider	
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 120 1_domain B - Environment	Save		
Deployments     Services	This page allows you to configure additional attributes f	or this security provider.	
Security Realms	🗐 👘 Ldap SSLEnabled		
Diagnostics	E Authentication Type:	MSAD 💌	
	🚝 Ldap Domain Name:	OFSS.COM	
	C Security Authentication Type:	simple -	
How do I	🕂 Ldap Server Ip And Port:	localhost389	
No task help found.	External Password Required		
System Status Health of Running Servers	👸 Ldap Server Time Out Duration:	0	
Failed (0)	🗐 👸 Msad Or Ldap Login Required		
Critical (0) Overloaded (0)	👸 JNDIName:	jdbc/fcjdevDS	
Warning (0) OK (3)	Save		
WebLogic Server Version: 12.1.3.0.0			
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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-server-time-out-duration>
</sec:authentication-provider>

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

### 1.2.2 Configuring libovd for Single Entity

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

- 1. Along with the Oracle FLEXCUBE IS 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'.
- 4. Navigate to the location

'<MIDDLEWARE\_HOME>soa\soa\modules\oracle.soa.ext\_11.1.x\classes\com\ofss\fcc\bpel\ cac'. Edit the properties file 'CISProperties.properties' and update 'JNDI.name' with the JNDI name defined in the properties file 'fcubs.properties'.

- Copy 'FCBPELCIS.jar' to '<MIDDLEWARE\_HOME>/user\_projects/domains/<domain\_name>/config/fmwconfig/ovd/plu gins/lib.Create the directory structure if it does not exists.



fcubs\_adapter.xml

 Search for <FCUBSDATASOURCE> in fcubs\_adapter.xml and update it with fcubs Datasource name.



 Execute "libovdadapterconfig" script which is present in '<MIDDLEWARE\_HOME>/oracle\_common/bin' with below parameters.Update the admin server host name or ip ,admin server port ,weblogic user id,domain home and fcubs datasource

libovdadapterconfig.sh -adapterName fcubsAdapter -adapterTemplate fcubs\_adapter.xml -host <ADMIN\_SERVER\_HOST> -port <ADMIN\_PORT> -userName <WEBLOGIC\_USERID> -domainPath <DOMAIN\_HOME> -dataStore DB -root ou=fcubs,dc=oracle,dc=com -contextName default dataSourceJNDIName <FCUBSDATASOURCE>

9. Once the above steps are completed, restart the server.

### 1.2.3 Configuring libovd for MultiEntity

- 1. Continue step 1 to step5 from 1.2.2 section.
- 2. In the following steps replace the <EntityId> tag with the proper Entity name.
- Copy the fcubs\_adapter\_<EntityId>.xml to '<MIDDLEWARE\_HOME>/oracle\_common/modules/oracle.ovd/templates/



fcubs\_adapter\_ EntityId.xml

4. Search for <FCUBSDATASOURCE> in fcubs\_adapter\_< EntityId>.xml and update it with fcubs Datasource with the mapped Datasource for the entity in the property file.

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

5. Search for UserldPattern Parameter and Update the value for OU to the entity name.

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

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

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

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

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

 Execute "libovdadapterconfig" script which is present in '<MIDDLEWARE\_HOME>/oracle\_common/bin' with below parameters.Update the admin server host name or ip ,admin server port ,weblogic user id,domain home ,root and fcubs datasource

libovdadapterconfig.sh -adapterName fcubsAdapter -adapterTemplate fcubs\_adapter\_< EntityId >.xml -host <ADMIN\_SERVER\_HOST> -port <ADMIN\_PORT> -userName <WEBLOGIC\_USERID> domainPath <DOMAIN\_HOME> -dataStore DB -root ou=<EntityId>,dc=oracle,dc=com -contextName default -dataSourceJNDIName <FCUBSDATASOURCE name which we mapped in step4>

9. Repeat from step2 to step7for each entity creation



10. Once the above steps are completed, restart the server.

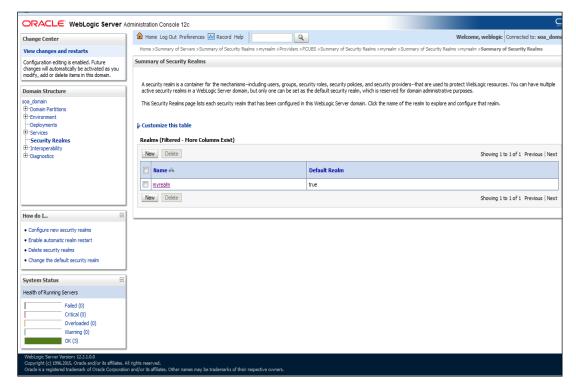
# 1.2.4 Configuring for Multiple Providers for Multiple Entities

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

modify, add or delete items in this domain.	<ul> <li>Information and Resources</li> </ul>					
Domain Structure	Helpful Tools	General Information				
soa domain	Configure applications	<ul> <li>Common Administration Task Descriptions</li> </ul>				
Domain Partitions	Configure GridLink for RAC Data Source	Read the documentation				
B-Environment	Configure a Dynamic Cluster	<ul> <li>Ask a question on My Oracle Support</li> </ul>				
Deployments B-Services	<ul> <li>Recent Task Status</li> </ul>					
- Security Realms	<ul> <li>Set your console preferences</li> </ul>					
-Interoperability	Oracle Enterprise Manager					
B-Diagnostics						
	— Domain Configurations					
	Domain	Resource Group Templates	Interoperability			
	Domain	<ul> <li>Resource Group Templates</li> </ul>	WTC Servers			
			<ul> <li>Jolt Connection Pools</li> </ul>			
tow do I	Domain Partitions	Resource Groups				
10w do 1	Domain Partitions	Resource Groups	Diagnostics			
<ul> <li>Search the configuration</li> </ul>	<ul> <li>Partition Work Managers</li> </ul>		Log Files			
<ul> <li>Use the Change Center</li> </ul>		Deployed Resources	Diagnostic Modules			
Record WLST Scripts	Environment	Deployments	Built-in Diagnostic Modules			
<ul> <li>Change Console preferences</li> </ul>	Servers		Diagnostic Images			
<ul> <li>Manage Console extensions</li> </ul>	Clusters	Services	Request Performance			
Monitor servers	<ul> <li>Server Templates</li> </ul>	Messaging	Archives			
	<ul> <li>Migratable Targets</li> </ul>	<ul> <li>JMS Servers</li> </ul>	Context			
System Status	Coherence Clusters	<ul> <li>Store-and-Forward Agents</li> </ul>	SNMP			
Health of Running Servers	Machines	<ul> <li>JMS Modules</li> </ul>	Interceptors			
Failed (0)	Virtual Hosts	<ul> <li>Path Services</li> </ul>				
Critical (0)	Virtual Targets	<ul> <li>Bridges</li> </ul>	Charts and Graphs			
Overloaded (0)	Work Managers	Data Sources	<ul> <li>Monitoring Dashboard IP</li> </ul>			
Warning (0)	Concurrent Templates	<ul> <li>Persistent Stores</li> </ul>				
OK (3)	<ul> <li>Resource Management</li> </ul>	XML Registries				
	<ul> <li>Startup And Shutdown Classes</li> </ul>	XML Entity Caches				
		<ul> <li>Foreign JNDI Providers</li> </ul>				
	Application's Security Settings	<ul> <li>Work Contexts</li> </ul>				
	<u>Security Realms</u>	• jCOM				
		Mail Sessions				
		• FileT3				
		• JTA				
		<ul> <li>OSGi Frameworks</li> </ul>				



3. Click on myrealms.



4. Click on Providers.

ORACLE WebLogic Server Ad	dministration Console 12c						ç				
Change Center	🔒 Home Log Out Preferences 🗠	Record Help	Q		1	Welcome, weblogic Conne	ected to: soa_don				
View changes and restarts	Home >Summary of Security Realms >	Home >Summary of Security Realms >myrealm >Providers >FCUBS >Summary of Security Realms >myrealm >Summary of Security Realms >Summary of Security Realms >myrealm >Summary of Security Realms >myrealm >Summary of Security Realms >myrealm >Summary of Security Realms >Summary of S									
Configuration editing is enabled. Future	Settings for myrealm										
changes will automatically be activated as you modify, add or delete items in this domain.	Configuration Users and Groups	Roles and Policies Cree	lential Mappings	roviders Migration							
Domain Structure	General RDBMS Security Store	User Lockout Performan	ce 🛯	Providers- Ta	ab						
soa_domain	Save										
Degloyments     Services     Services     Services     Degloyments     Degloyments     Degloyments     Diagnostics			rization Contract for		d in JSR 115), you must use the DD Only secu e are disabled.	rity model. Other WebLogic Se	erver models are				
	Name:	myrealm			The name of this security realm	. More Info					
	🛃 Security Model Default:	DD Only	1	•	Specifies the default security m secured by this security realm. deployment. More Info						
How do L • Configure new security realms • Enable automatic realm restart	😨 👸 Combined Role Mapping	Enabled			Determines how the role mappi application, and EJB containers applications and EJBs that use roles from deployment descript	interact. This setting is valid of the Advanced security model a	only for Web				
Manage security for Web applications and EJBs     Set the default security model	🔲 👸 Use Authorization Provid	ers to Protect JMX Acces	5		Configures the WebLogic Serve Authorization providers to dete access an MBean attribute or in	rmine whether a JMX dient ha	as permission to				
Delegate MBean authorization to the realm  System Status	Automatically Restart After	Non-Dynamic Changes			Specifies whether the Realm wi are made to the realm or provid						
Health of Running Servers	Retire Timeout:	60			Specifies the retire timeout for shutdown after the specified ti						
Failed (0)           Critical (0)           Overloaded (0)           Warning (0)           OK (3)	Advanced Save				anutuvimi ante i ure specureu a	incour period has expanded.					
WebLogic Server Version: 12.7.1.0.0 Copyright (c) 1996,2015, Oracle and/or its affiliates. All Oracle is a registered trademark of Oracle Corporation		demarks of their respective own	vers.								



#### 5. Click on New

Change Center	Home Log Out	Anne Log Out Preferences      Record Help     Q     Vectome, weblogic     Connected to: soa_domain     Connected     Connec									
View changes and restarts	Home >myrealm >P	Home >myrealm >Providers >FCUBS >Summary of Security Realms >myrealm >Security Realms >Security Realms >myrealm >Security Realms >myrealm >Security Realms >myrealm >Security Realms >myrealms >myrealms >Security Realms >myrealms >Security Realms >myrealms >myrealms >Security Realms >myrealms >myrealms >Security Realms >myrealms >myrealms >myrealms >myrealms >Security Realms >myrealms >Security Realms >myrealms >Security Realms >myrealms >									
Configuration editing is enabled. Future changes will automatically be activated as you	Settings for myre	Settings for myrealm									
modify, add or delete items in this domain.	Configuration U	ers and Groups	Roles and Policies	Credential Mapp	ings Provide	rs Migrati	on				
Domain Structure	Authentication	Password Validat	ion Authorization	Adjudication	Role Mapping	Auditing	Credential Mapping	Certification Path			
ioa, domain Domain Pertitions Derivinoment Derivinoment Derivinents Derivinents Derivinents Derivinent Derivinoments		urity realm. Differen table Providers					e one Authentication p nt data stores, such as		45.	figure multiple Authentication	
	Name				Description					Version	
	FCUBS				Authentication provider for FLEXCUBE users					FCUBS 12.2	
How do I	Trust Servic	e Identity Asserter			Trust Service Identity Assertion Provider					1.0	
Configure Authentication and Identity	DefaultAuth	enticator			WebLogic Authentication Provider					1.0	
Assertion providers	DefaultIden	ityAsserter			WebLogic Identity Assertion provider					1.0	
Configure the Password Validation provider     Manage security providers     Set the JAAS control flag     Re-order Authentication providers	New Delete	Reorder							Showi	ng 1 to 4 of 4 Previous   Next	
System Status 🛛	]										
Health of Running Servers											
Failed (0) Critical (0) Overloaded (0) Warning (0)											

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

Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: soa_do
View changes and restarts	Home >FCUBS >Summary of Security Realms >myrealm >Summary of Security Security Realms >myrealm >Summary of Security Realms >myrealm >Summary of Security Realms >myrealm >Summary of Security Realms >myrealms >Summary of Security Realms >Summary of Security Realms >Summary of Security Realms >Summary of Secu	ealm > Providers > ENTITYID > <b>Providers</b>
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Create a New Authentication Provider	
Domain Structure	Create a new Authentication Provider	
ea_domain Domain Partitions Franvironment Deployments	The following properties will be used to identify your new Authentication Provider. * Indicates required fields	
Services     Security Realms     Interoperability     Diagnostics	The name of the authentication provider.  * Name: ENTITYID	
How do I E	This is the type of authentication provider you wish to create.           Type:         FCUBSUser/Authenticator           0K         Cancel	
Manage security providers     Configure Authentication and Identity		
Assertion providers		
System Status	3	
Health of Running Servers		
Failed (0)		
Critical (0)		
Overloaded (0)		
Warning (0) OK (3)		
Un (3)		



7. Click 'Reorder. Authentication Providers. Select the required option in 'Available' field and click Ok.

0	
	dministration Console 12c
Change Center	🖻 Home Log Out Preferences 🖾 Record Help
View changes and restarts	Home > PCUBS > Summary of Security Realms > myrealm > Summary of Security Realms > myrealm > Summary of Security Realms > myrealm > Providers > ENTITYID > Providers
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Reorder Authentication Providers           OK         Cancel
Domain Structure	Reorder Authentication Providers
soa_domain Domain Partitions	You can rearder your Authentication Providers using the list below. By reordering Authentication Providers, you can alter the authentication sequence.
Environment     Deployments	Select authenticator(s) in the list and use arrows to move them up and down in the list.
⊕-Services →Services →Services →Services ⊕-Intercoperability ⊕-Diagnostics	eff Authentication Providers:          Available:             v Brithy Difference in the second
How do I	
Re-order Authentication providers     Set the JAAS control flag	OK Cancel
System Status	
Health of Running Servers	
Faled (0)           Critical (0)           Overloaded (0)           Warning (0)           OK (3)	
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8. Click the Provider that we have created.

ORACLE WebLogic Server Ad	dministration Consol	e 12c								Õ
Change Center	Home Log Out	Preferences 🔤 R	ecord Help		Q				Welcome, weblo	gic Connected to: soa_domain
View changes and restarts	Home >myrealm >!	Home >myrealm >Summary of Security Realms >myrealm >Summary of Security Realms >myrealm >Providers >ENTITYID >Providers >ENTITYID >Providers								
Configuration editing is enabled. Future	Settings for myre	alm								
changes will automatically be activated as you modify, add or delete items in this domain.	Configuration L	sers and Groups	toles and Policies	Credential Mappi	ngs Provider	6 Migrati	ion			
Domain Structure	Authentication	Password Validati	n Authorization	Adjudication	Role Mapping	Auditing	Credential Mapping	Certification Path		
soa, Jonain 🔁 Donain Partitions 🖗 Environment I Deployments I Deprives I Services I Services I Services I Interoperability I Deprives J Deprives	An Authentication providers in a set Customize this Authentication New Delet	urity realm. Differen table Providers	oLogic Server to est types of Authentic	ablish trust by val ation providers ar	idating a user. Yo e designed to acc	u must hav ess differe	ve one Authentication ; nt data stores, such a	provider in a security n s LDAP servers or DBM	15.	igure multiple Authentication a 1 to 5 of 5 Previous   Next
	Name				Description				SHOWER	Version
	ENTITYID				Authentication pr		FCUBS 12.2			
How do L	FCUBS				Authentication pr	ovider for F		FCUBS 12.2		
Configure Authentication and Identity	Trust Servic	e Identity Asserter			Trust Service Identity Assertion Provider					1.0
Assertion providers	DefaultAut	enticator			WebLogic Authen	tication Pro	ovider			1.0
Configure the Password Validation provider	DefaultIder	tityAsserter			WebLogic Identit	Assertion	provider			1.0
Manage security providers     Set the JAAS control flag	New Delete	Reorder							Showin	g 1 to 5 of 5 Previous   Next
Re-order Authentication providers										
System Status  Health of Running Servers  Paled (0) Critical (0) Overloaded (0) Warning (0) CK (3)										
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9. In Common tab, select the control flag as SUFFICENT from the list and click Save.

	Iministration Console 12c										
Change Center	Home Log Out Preferences	Record Help	Welcome, weblogic Connected to: soa_d								
View changes and restarts	Home >Summary of Security Realn	s >myrealm >Summary of Security Realms >myrealm >Providers >ENTITYID >Providers >ENTITYID	>Providers >ENTITYID								
Configuration editing is enabled. Future changes will automatically be activated as you	Settings for ENTITYID										
modify, add or delete items in this domain.	Configuration										
Domain Structure	Common Provider Specific										
soa_domain B-Domain Partitions	Save										
Environment     Deployments	This page allows you to define t	ne general configuration of this provider.									
Security Realms	🕂 Name:	ENTITYID									
⊕-Interoperability ⊕-Diagnostics	Description:	Authentication provider for FLEXCUBE users									
	🥂 Version:	FCUBS 12.2									
	년 Control Flag:	SUFFICIENT									
How do I	Save										
No task help found.											
System Status											
Health of Running Servers											
Failed (0) Critical (0) Overloaded (0) Warning (0) OK (3)											
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10. Select the provider Specific tab.

	ministration C	onsole 12c		Ç					
Change Center	Home Lo	og Out Preferences 🔤 Record H	ep Q	Welcome, weblogic Connected to: soa_doma					
View changes and restarts	Home >Sum	mary of Security Realms >myrealm >S	Summary of Security Realms >myrealm >Providers >ENTITYID >Providers >	>ENTITYID >Providers >ENTITYID					
Configuration editing is enabled. Future changes will automatically be activated as you	Settings for ENTITYID								
modify, add or delete items in this domain.	Configurat	tion							
Domain Structure	Common	Provider Specific							
soa_domain Domain Partitions	Save								
Environment     Deployments	This page	allows you to configure additional at	tributes for this security provider.						
B-Services Security Realms B-Interoperability	街 Ldap S	erver Ip And Port:	localhost389						
Diagnostics	a JNDINa	ame:	jdbc/fcjdevDS						
	🗐 👩 External Password Required								
	街 Ldap S	erver Time Out Duration:	0						
How do I 🖂 No task help found.	🔲 🏀 Mul	lti Entity Enabled							
System Status	🚯 Securi	ty Authentication Type:	simple 💌						
Health of Running Servers	👍 Entity	Id:	ENT1						
Faled (0) Critical (0) Overloaded (0)	🕂 Ldap D	Iomain Name:	OFSS.COM						
Warning (0) OK (3)	🗐 🐠 Lda	p SSLEnabled							
	🔳 🛃 Msi	ad Or Ldap Login Required							
	街 Auther	ntication Type:	MSAD 💌						
	Save								
WebLogic Server Version: 12.2.1.0.0 Copyright (c) 1996.2015, Oracle and/or its affiliates. All Oracle is a registered trademark of Oracle Corporation		is. Other names may be trademarks of	their respective owners.						



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

Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Q	Welcome, weblogic Connected to: soa_do
View changes and restarts	Home >Summary of Security Realms >myrealm >Summar	ry of Security Realms >myrealm >Providers >ENTITYID >Provider	>ENTITYID >Providers >ENTITYID
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Settings for ENTITYID Configuration		
Domain Structure	Common Provider Specific		
soa_domain	Save This page allows you to configure additional attribute	is for this security provider.	
Services Security Realms	년 Ldap Server Ip And Port:	localhost389	
Diagnostics	優 JNDIName:	jdbc/fcjdevDS	
	🗐 👸 External Password Required		
	街 Ldap Server Time Out Duration:	0	
How do L	🖻 🗑 👘 Multi Entity Enabled		
	Security Authentication Type:	simple 💌	
Health of Running Servers	🛃 Entity Id:	ENT1	
Failed (0) Critical (0) Overloaded (0)	授 Ldap Domain Name:	OFSS.COM	
Warring (0) OK (3)	🗐 👸 Ldap SSLEnabled		
	🔄 🛃 Msad Or Ldap Login Required		
	1 Authentication Type:	MSAD 💌	
	Save		
WebLogic Server Version: 12.2.1.0.0	L		

12. Enter the Entity ID with the Entity name which we created in the property file level and click Save

Change Center	🖬 Home Log Out Preferences 🔤 Record Help	٩	Welcome, weblogic Connected to: soa_do
View changes and restarts	Home >Summary of Security Realms >myrealm >Summa	ry of Security Realms >myrealm >Providers >ENTITYID >Prov	iders >ENTITYID >Providers >ENTITYID
Configuration editing is enabled. Future changes will automatically be activated as yo modify, add or delete items in this domain.	Settings for ENTITYID Configuration		
Domain Structure	Common Provider Specific		
soa_domain Domain Partitions Dervironment	Save This page allows you to configure additional attribute	es for this security provider.	
Deployments     Services     Security Realms     Deproperability	الله المعالم المعال معالم معالم معالم المعالم المعالم معالم م معالم معالم معالم معالم معالم	localhost389	
Diagnostics	👸 JNDIName:	jdbc/fcjdevDS	
	🔲 👸 External Password Required		
	dia Ldap Server Time Out Duration:	0	
How do I	🖃 🖉 👰 Multi Entity Enabled		
System Status	Security Authentication Type:	simple 💌	
Health of Running Servers	a Entity Id:	ENT1	
Failed (0) Critical (0) Overloaded (0)	👸 Ldap Domain Name:	OFSS.COM	
Warning (0) OK (3)	🔲 🛃 Ldap SSLEnabled		
	🔄 👸 Hsad Or Ldap Login Required		
	Authentication Type:	MSAD 💌	
	Save		
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- 13. Create the new datasource for each entity with the JNDI name which we mapped in the property file.
- 14. Restart the Admin server
- 15. Continue the step1 to step15 for each provider creation in multi entity scenario.

## 1.2.5 Configuring DBAdapter

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

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

	A Home	n Console 12c	rancer Depart Halp	Q			W	alcome weblogic Coppe	cted to: Dev1201_dom
hange Center	Home Log Out Preferences 🗁 Record Help     Q     Welcome, weblogic Connected to: Dev1201_dom Home >Summary of Deployments								
iew changes and restarts									
onfiguration editing is enabled. Future langes will automatically be activated as you	Summar	y of Deployme	nts						
odify, add or delete items in this domain.	Control	Monitoring							
main Structure	This are		of Jacon EE analysis in and all	and-alone application modules that					
v1201_domain Environment •Deployments •Services -Security Realms	(redep To inst	loyed), or delete all a new applicat	d from the domain by first sele ion or module for deployment	to targets in this domain, dick the I	ig the controls on this pa		nstalled application	is and modules can be starte	a, stopped, apastea
-Interoperability -Diagnostics	Custo	mize this table							
	Deploy	yments							
	Instal	Update	Delete Start ~ Stop	~				Showing 1 to 47	7 of 47 Previous   Next
		lame 🗠			State	Health	Туре	Targets	Deployment Order
		AqAdapter			Active	🖋 ок	Resource Adapter	soa_server1	324
w do I 🖂							Enterprise		
Instal an enterprise application	E 6	🗄 📑 b2bui			Active	🖋 ОК	Application	soa_server1	313
Configure an enterprise application		E BamCompos	er		New		Enterprise Application	bam_server1	500
Update (redeploy) an enterprise application Start and stop a deployed enterprise application		E RamCQServ	ice		New		Enterprise	bam_server1	300
Application Monitor the modules of an enterprise application		E BamServer			New		Enterprise	bam_server1	400
Deploy EJB modules							Application	bun_perver:	
Install a Web application	E	E BPMCompos	ier		Active	🖋 ОК	Enterprise Application	soa_server1	385
rstem Status 🖂		coherence-trar	saction-rar		Active	🖋 ок	Resource Adapter	AdminServer, bam_server1, soa_server1	100
alth of Running Servers		CoherenceAda	pter		Installed		Resource Adapter		331
Failed (0) Critical (0)		DbAdapter			Active	🖋 ок	Resource Adapter	soa_server1	322
Overloaded (0) Warning (0)	E 6	E BefaultToD	oTaskFlow		Active	🖋 ок	Enterprise Application	soa_server1	314
OK (2)		E OMS Applica	ition (12.1.3.0.0)		Active	🖋 ок	Web Application	AdminServer, bam_server1, soa_server1	5
		E Ben			Active	🖋 ок	Enterprise Application	AdminServer	400
			(12.1.0.0)		Prepared	100	Enterprise	soa_server1	500



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

	A Home I	on Out Prefe	erences 💽 Record	Help		Q				Welcome, weblogic Connected to: Devi	201 domai
hange Center											
iew changes and restarts		Home >Summary of Deployments >DbAdapter									
onfiguration editing is enabled. Future hanges will automatically be activated as you	Settings fo	Settings for DbAdapter									
odify, add or delete items in this domain.	Overview	Deployment	t Plan Configura	tion Security	Targets	Control	Testing	Monitoring	Notes		
omain Structure	General	Properties	Outbound Conne	ction Pools	Admin Object	s Worklo	ad Inst	rumentation			
v 1201_domain )-Environment -Deployments -Services -Services -Services -Interoperability -Interoperability -Diagnoptics	by connec Pool group	ction factory is p. Click the na	nterface and the ins	ances are listed tance to config	by their JNDI	names. Exp	and a gro	up to obtain (	configurat	I entries in the table represent Outbound Connection Pool groups. Groups ton information for a Connection Pool instance within an Outbound Conne splayed in the table below.	
rolagitosucs	New	Delete								Showing 1 to 1 of 1 Previo	us   Next
	Gro	oups and Ins	tances 🗞						Connecti	tion Factory Interface	
	ز ک	javax.resource	e.cci.ConnectionFact	ory				ţ	javax.reso	ource.cci.ConnectionFactory	
	New	Delete								Showing 1 to 1 of 1 Previo	us   Next
ow do I 😑											
Configure outbound connection pool properties											
ystem Status 🖂											
ealth of Running Servers											
Failed (0) Critical (0) Overloaded (0) Warning (0) OK (2)											

- 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 I	Log Out Prefer	ences 🔤 Rei	cord Help		2		Welcome, v	reblogic Connected to: Dev1201_doma
View changes and restarts	Home >Su	mmary of Deploy	yments >DbAda	pter					
Configuration editing is enabled. Future	Settings fo	r javax.resou	irce.cci.Conn	ectionFactory					
changes will automatically be activated as you modify, add or delete items in this domain.	General	Properties	Transaction	Authentication	Connection Po	bl Logging			
Domain Structure Dev 1201_domain & Environment Deployments		allows you to v		y the configuration	properties of th	s outbound connection p	ool. Properties you modify here are save	ed to a deployment;	olan.
-Services -Security Realms	Save								Showing 1 to 8 of 8 Previous   Next
Interoperability     Diagnostics	Propert	y Name 🚕		Property Type	Prope	rty Value		Sup	ports Dynamic Updates
	DataSour	ceName		java.lang.String	jdbc/fc	devDS		false	
	DefaultN	Char		java.lang.Boolean	false			false	
	Platform	ClassName		java.lang.String	org.ed	pse.persistence.platform	n.database.Orade10Platform	false	
	Sequence	PreallocationSi	ze	java.lang.Integer	50			false	
	UsesBato	hWriting		java.lang.Boolean	true			false	
How do I 🗉	UsesNati	veSequencing		java.lang.Boolean	true			false	
Configure outbound connection pool	UsesSkip	Locking		java.lang.Boolean	true			false	
properties	XADataS	ourceName		java.lang.String				false	
System Status 🖂 Health of Running Servers	Save								Showing 1 to 8 of 8 Previous   Next
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.

### 1.2.6 Configuring JMS Adapter

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

	dministration Console 12c		Q
Change Center	🚹 Home Log Out Preferences 🔤 Record Help	Q	Welcome, admin Connected to: AlphaDomain
View changes and restarts	Home >AlphaDomain >Summary of JMS Servers		
Configuration editing is enabled. Future	Home Page		
changes will automatically be activated as you modify, add or delete items in this domain.	- Information and Resources		
Domain Structure	Helpful Tools	General Information	
AlphaDomain	Configure applications     Configure GridLink for RAC Data Source     Configure a Dynamic Cluster     Recent Task Status	Common Administration Task Descriptions     Read the documentation     Ask a question on My Oracle Support	
	Set your console preferences     Oracle Enterprise Manager     Domain Configurations		
Deployments	-	Constant,	Interoperability
Services     Hessaging     Holds Servers     Servers     Store-and-Forward Agents	Domain • Domain	Services     Messaging     JMS Servers	WTC Servers     Jolt Connection Pools
How do I	Environment	Store-and-Forward Agents     MS Modules	
Search the configuration	Servers     Clusters	Path Services	Diagnostics  • Log Files
Use the Change Center	Clusters     Server Templates	<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
System Status	<ul> <li>Startup And Shutdown Classes</li> </ul>	Work Contexts	SNMP
Health of Running Servers		jCOM     Mail Sessions	
Failed (0)	Your Deployed Resources	FileT3	Charts and Graphs
Critical (0)	Deployments	• Filet 3 • JTA	Monitoring Dashboard
Overloaded (0)		OSGi Frameworks	
Warning (0)	Your Application's Security Settings	Oddi Halleviolks	
OK (2)	Security Realms		
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Change Center	1	🏦 Home Log Out Preferences 🔝 Record Help							
View changes and restarts	17	Home >AlphaDomain >Summary of JMS Servers							
Configuration editing is enabled. Future	9	Summary of JMS Servers							
changes will automatically be activated as you modify, add or delete items in this domain.		JMS servers act as management containers for the que This page summarizes the JMS servers that have been Customize this table JMS Servers (Filtered - More Columns Exist)	eues and topics in JMS modules that are targeted to them. created in the current WebLogic Server domain.						
Virtual Hosts		New Delete			Showing 1 to 8	of 8 Previous   Next			
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		BamReportCacheJmsServer	BamReportCacheJmsFileStore	BAMServer	BAMServer				
How 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			
	1	UMSJMSServer_auto_1	UMSJMSFileStore_auto_1	BAMServer	BAMServer				
System Status		UMSJMSServer_auto_2	UMSJMSFileStore_auto_2	SOAServer	SOAServer	🖋 ОК			
Failed (0)           Critical (0)           Overloaded (0)           Warning (0)           OK (2)	-	New			Showing 1 to 8	of 8 Previous   Next			

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

	Iministration Console 12c	Q
Change Center	🏠 Home Log Out Preferences 🔤 Record Help	Welcome, admin Connected to: AlphaDomain
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 JHS Server Book Ned, Rnah Cancel	
Domain Structure	JMS Server Properties	
AphaDomain -Environment -Servers -Clusters	The following properties will be used to identify your new 2MS Server. * Indicates required fields	
Coherence Clusters Machines Virtual Hosts Vork Managers Startua and Shutdown Classes	What would you like to name your new JMS Server?       dell * Name:       FCUBSJMSServer	
	Specify persistent store for the new JMS Server.  Persistent Store: SOA_JMSFIleStore   Create a New Store	
How do L	Back Next Final Cancel	
Configure JMS system modules		
Configure custom persistent stores		
System Status		
Health of Running Servers		
Faled (0) Critical (0) Overloaded (0) Warning (0) OK (2)		
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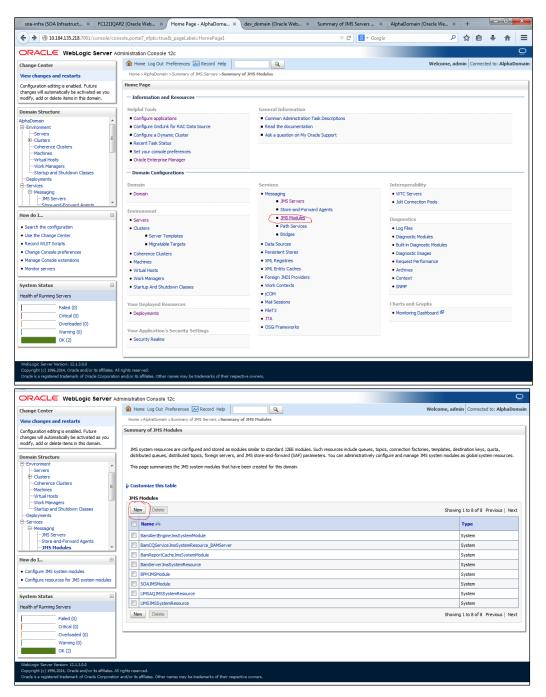


#### 12. Select the target as SOA Server $\rightarrow$ Finish

	Administration Console 12c				Õ
Change Center	🏦 Home Log Out Preferences 🔤 Record Help	Q		Welcome, adm	in Connected to: AlphaDomai
View changes and restarts	Home >AlphaDomain >Summary of JMS Servers				
Configuration editing is enabled. Future	Create a New JMS Server				
changes will automatically be activated as you modify, add or delete items in this domain.	Back Next Finish Cancel				
Domain Structure	Select targets				
-Environment	Select the server instance or migratable target on which	you would like to deploy this JMS Server.			
Servers E-Clusters	Target: SOAS	erver 💌			
Coherence Clusters	Back Next Finish Cancel				
Virtual Hosts					
Work Managers Startup and Shutdown Classes					
Deployments El-Services					
Messaging					
How do I	1				
Configure JMS system modules					
Configure custom persistent stores					
	1				
System Status					
Health of Running Servers					
Failed (0)					
Critical (0) Overloaded (0)					
Warning (0)					
OK (2)					
WebLogic Server Version: 12.1.3.0.0					
Copyright (c) 1996,2014, Oracle and/or its affiliates. Oracle is a registered trademark of Oracle Corporati	All rights reserved. on and/or its affiliates. Other names may be trademarks of their respec				
					0
ORACLE WebLogic Server Ad	ministration Console 12c		_	Webers adapts	<u> </u>
Change Center	Home >AlphaDomain >Summary of JMS Servers	Q		Welcome, admin Conr	ected to: AlphaDomain
View changes and restarts Configuration editing is enabled. Future	Messages				
changes will automatically be activated as you	All changes have been activated. No restarts are necessar	у.			
modify, add or delete items in this domain.	JMS Server created successfully				
Domain Structure	Summary of JMS Servers				
AlphaDomain					
Servers El-Clusters	JMS servers act as management containers for the queues an				
Coherence Clusters	This page summarizes the JMS servers that have been create	d in the current WebLogic Server domain.			
Virtual Hosts	Customize this table				
Work Managers Startup and Shutdown Classes	JMS Servers (Filtered - More Columns Exist)				
Deployments Deployments					
-Messaging -JMS Servers	New Delete				of 9 Previous   Next
Store-and-Forward Agents	🗐 Name 🏟	Persistent Store	Target	Current Target	Health
How do I	BamAlertEngineJmsServ Sort table by Name	BamAlertEngineJmsFileStore	BAMServer	BAMServer	
Configure JMS servers	BamCQServiceJmsServer_BAMServer	BamCQServiceJmsFileStore_BAMServer	BAMServer	BAMServer	
Configure JMS system modules	BamReportCacheJmsServer     BamServerJmsServer_BAMServer	BamReportCacheJmsFileStore BamServerJmsFileStore_BAMServer	BAMServer BAMServer	BAMServer BAMServer	
System Status	BPMJMSServer	BAMSErVerUmshiestore_bAMserVer BPMJMSFileStore	SOAServer	SOAServer	≪ ok
Health of Running Servers	FCUBSJMSServer	SOAJMSFileStore	SOAServer	SOAServer	₹ OK
Failed (0)	SOAJMSServer	SOAJMSFileStore	SOAServer	SOAServer	≪ ok
Critical (0)	UMSJMSServer_auto_1	UMSJMSFileStore_auto_1	BAMServer	BAMServer	
Overloaded (0)	UMSJMSServer_auto_2	UMSJMSFileStore_auto_2	SOAServer	SOAServer	✓ OK
Warning (0) OK (2)	New Delete			Showing 1 to 9	of 9 Previous   Next
WebLogic Server Version: 12.1.3.0.0					
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4. Go back to Console →JMS Modules→New





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

Sing Control   Sing Control <th></th> <th>Administration Console 12c Q</th>		Administration Console 12c Q
Subject of states for the state states in the s		
Reverse status	View changes and restarts	Home >AlphaDomain >Summary of JMS Servers >Summary of JMS Hodules
<pre>varies varies vari</pre>	Configuration editing is enabled. Future	Create JMS System Module
Note: Series of the series	changes will automatically be activated as you modify, add or delete items in this domain.	Back Next Finish Cancel
Approximate   Image: control   Image: c	Domain Structure	
in real set of the		The following properties that of accuracy your new mounter
I wit wit wild wild wild is norm og system kilde!   I wit wit wild wild is norm of you do the proble norm, a defail will as sogned.   I wit wit wild wild wild is norm of you do the proble norm, a defail will as sogned.   I wit wild wild wild is norm of you do the proble norm, a defail will as sogned.   I wit wild wild wild is norm of you do the proble norm, a defail will as sogned.   I wit wild wild wild is norm of you do the proble norm, a defail will as sogned.   I wit wild wild wild is norm of you do the proble norm, a defail will as sogned.   I wit wild wild wild is norm of you do the proble norm, a defail will as sogned.   I wit wild wild wild is norm of you do the proble norm, a defail will as sogned.   I wit wild wild wild is norm of you do the proble norm, a defail will as sogned.   I wit wild wild wild is norm of you do the proble norm, a defail will as sogned.   I wit wild wild wild is norm of you do the proble norm, a defail will as sogned.   I wit wild wild wild is norm of you do the proble norm, a defail will as sogned.   I wit wild wild wild is norm of you do the proble norm, a defail will as sogned.   I wit wild wild wild wild is norm of you do the proble norm, a defail will as sogned.   I wit wild wild wild wild wild wild wild wild	Servers CustersCoherence ClustersMachinesMachinesMachinesMachines	distributed queues, distributed topics, foreign servers, and IMS store-and-forward (SAF) parameters. You can administratively configure and manage IMS system modules as global system resources.
Spring Spring   Spring Spring Spring   Spring Spring Spring   Spring	Work Managers	What would you like to name your System Module?
We down used   We down used   Coders Starm   Coders Starm <td>Deployments</td> <td>* Name: FCUBSJMSModule</td>	Deployments	* Name: FCUBSJMSModule
Not slam   • Conjege 26 stress   • Conj	JMS Servers	What would you like to name the descriptor file name? If you do not provide a name, a default will be assigned.
<ul> <li>e. ordgar 26 stylem model:</li> <li>e. ordgar 26 stylem m</li></ul>		Descriptor File Name:
<ul> <li>• Configne 28 serves</li> <li>• Statistical Fiderics (Server Letter 1990)</li> <li>• Control 1000000000000000000000000000000000000</li></ul>		Where would like to name the deprintne for this Sustem Module, relative to the time configuration on-briterations of your domain?
State Safe:   State Safe: </td <td></td> <td></td>		
statistics     radio		Location In Domain:
Statut Ring Sever   Conside (0)   Conside (0) </td <td></td> <td>Back Ned Finish Cancel</td>		Back Ned Finish Cancel
Oracle (i)   Wrinne (i)   Color   <	Health of Running Servers	
Bit is a reference with the logic server       Welcome, admin       Connected to XP         Congraction defing is enabled. Future dong is enabled.	Critical (0) Overloaded (0) Warning (0)	
Vew changes and restarts       Domain so Submary of 2MS Savers & Summary of 2MS Savers & Summary of 2MS Modules         Confugres and instantiative be existed as yound with or Submary of 2MS Savers & Summary of 2MS Savers & Summ	oreacts a registered trademark or oracle Corporat	
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dranges will automatically be activited as you   Domain Structure   AhinDomin   Powers	ORACLE <sup>®</sup> WebLogic Serve	Administration Console 12c     Administration Console Loc     Administration Console Loc     Welcome, admin     Connected to: A     Welcome, admin     Connected to: A
AkhaDonain   F-servers   B-coherence Clusters   O-coherence Clusters   O-verboaded (0)   Warning (0)   O-verboaded (0)   Warning (0)   Wategte Servers 12.1.2.020	ORACLE WebLogic Serve Change Center View changes and restarts	
Wetche Servers       Servers         - Configure 3VK System modules       Servers         - Mode 1       Servers         - Configure 3VK System modules       Servers         - Status       Servers         - Servers       Servers         - Servers       Servers         - Configure 3VK System modules       Servers         - Servers       Servers         - Serv	Change Center View changes and restarts Configuration editing is enabled. Future changes will automatically be editivated as you	
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Witchines   Write Notes   Write Notes   Write Notes   Structure Structure Structure Consumed Agnetic   Reveraging   Messaging   Messaging   Messaging   Servers     BAMServer   SoAServer     SoAServer     SoAServer     SoAServers     Back   Messaging   Messaging   Messaging   Messaging   Messaging   SoAServer	CRACLE WebLogic Serve Change Center View changes and restarts Configuration editing is enabled. Future duringes will automatically be activated as you modify, add or delete items in this domain. Domain Structure AlphaDomain @-Environment	
Work Managers   Sharty and Shudown Classes   Decompose Shudown Classes   Decompose Shudown Classes   AdminiServer   BAHServer   BAHServer   BAHServer   Bak< Net< Finith Cancel	Change Center View changes and restarts Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delet terms in this domain. Domain Structure AlphaDomain E-Environment I-Servers IB-Cutters IC-Coherene Cutters	
Oregologyments   Services   Services   Services   Soffgare 3MS system modules   Configure 3MS system modules   Configure 3MS servers     Soffgare 3MS servers     Back   Next   Field (0)   Overbadded (0)   Warning (0)   Overbadded (0)   Warning (0)   Overbadded (0)   Warning (0)   Overbadded (0)   Warning (0)   Overbadded (0)	CRACLE WebLogic Serve Change Center View changes and restarts Configuration editing is enabled. Future durges wil automatically be activated as you modify, add or delete items in this domain. Domain Structure AlphaDomain B-Environment H-Servers H-Couterns H-Couterns H-Couterns H-Couterns H-Couterns H-Couterns	
Best   Mow do L.   • Configure 3MS servers   • Configure 3MS servers   • Configure 3MS servers   • SoAServer   • Back   • Mext   • Failed (0)   • Critical (0)   • Overboaded (0)   • Warm(0)   • Overboaded (0)   • Warm(0)   • Watogte Server 13.13.080	CRACLE WebLogic Serve Change Center View changes and restarts Configuration editing is enabled. Future changes wil automatically be activated as you modify, add or delete items in this domain. Domain Structure AlphaConsin B-Convorgent B-Coursers B-	
Image: Series 2005 Series     Configure 2005 System modules     South of Running Servers     Failed (0)   Overbodied (0)   Warming (0)   Configure 2005 Server Version: 12.13.202	CRACLE WebLogic Serve Change Center View changes and restarts Configuration editing is enabled. Future durings will automatically be activated as you modify, add or delete items in this domain. Domain Structure AlphaDomain Br-Outerer Br-Outerer Br-Outerers H-Coherence Clusters H-Coherence Clusters H-Machines H-With Hosts H-With Hosts H-With Hosts H-With Hosts H-Work Managers H-Deployments	
Now Go L       Image: Status Servers         System Status       Image: Status         Failed (0)       Critica (0)         Orverbaded (0)       Warning (0)         Warning (0)       Critica (0)         Webopt: Server Version: 12.13.040	Change Center View changes and restarts Configuration editing is enabled. Future durings will automatically be activated as you modify, add or delete items in this domain. Domain Structure AlphaDomain B-Convorment B-Convorment B-Convorment H-Converse H	
Configure JMS servers      Configure JMS servers      Health of Running Servers      Critical (0)      Overbadded (0)      Warming (0)      Overbadded (0)      Warming (0)      Wethodpt: Starver Variables: 12.13.080   Wethodpt: Starver Variables: 12.13.080	Change Center View changes and restarts Configuration editing is enabled. Future AphaBonan B-Charters H-Chatters H-Chatters H-Chatters H-Chatters H-Machines H-Machi	
Health of Running Servers           Failed (0)           Critical (0)           Overbaded (0)           Warring (0)           OK (2)           WebLop: Server Vention: 12.13.00	CRACLE WebLogic Serve Change Center View changes and restarts Configuration editing is enabled. Future changes will automically be activated as you modify, add or delete items in this domain. Domain Structure AbhaConain E-rowners E-Cuters	
Felled (0)           Critical (0)           Overbaded (0)           Warming (0)           OK (2)	CRACLE: WebLogic Serve Change Center View changes and restarts Configuration editing is enabled. Future durings will automatically be activated as yos modify, add or delete items in this domain. Domain Structure AlphaConan B-Growtonnent B-	
Felled (0)           Critical (0)           Overbaded (0)           Warring (0)           Or (2)	ORACLE WebLogic Serve Change Center Yew changes and restarts Configuration editing is enabled. Future Ahnages nil automatically be activated as yo, modify, add or delete items in this domain. Domain Structure AhnaConain Growth Content Clusters	If Administration Console 12c         If Home Log Out Preferences Record Help         Home Software Summary of 3HS Servers > Summary of 3HS Modules         Create 3HS System Hodule         Back       Immin Cancel         The following properties will be used to target your new 3HS system module.         Use this page to select the server or duster on which you would like to deploy this 3MS system module. You can reconfigure targets later if you wish.         Targets :         Servers         Administerver         Bak/Server         We SoAserver         Back       Immin Cancel
Critical (0) Overbadde (0) Warring (0) OK (2) Weblogic Server Vention: 12.13.80	ORACLE WebLogic Serve Change Center Yew changes and restarts Configuration editing is enabled. Future durings will automatically be activated as you modify, add or delete items in this domain. Domain Structure AlphaDomain B-Environent B-Costerers Conference Clusters	If Administration Console 12c         If Home Log Out Preferences Record Help         Home Software Summary of 3HS Servers > Summary of 3HS Modules         Create 3HS System Hodule         Back       Immin Cancel         The following properties will be used to target your new 3HS system module.         Use this page to select the server or duster on which you would like to deploy this 3MS system module. You can reconfigure targets later if you wish.         Targets :         Servers         Administerver         Bak/Server         We SoAserver         Back       Immin Cancel
Warning (0) OK (2) WebLop: Server Version: 12.13.00	CRACLE: WebLogic Serve Change Center View changes and restarts Configuration editing is enabled. Future durings will automatically be activated as you modify, add or delete items in this domain. Domain Structure AlphaDomain B-Conterner Contents H-Conterner Contents H-Content Content Content Configure IMS servers System Status Health of Running Servers	If Administration Console 12c         If Home Log Out Preferences Record Help         Home Software Summary of 3HS Servers > Summary of 3HS Modules         Create 3HS System Hodule         Back       Immin Cancel         The following properties will be used to target your new 3HS system module.         Use this page to select the server or duster on which you would like to deploy this 3MS system module. You can reconfigure targets later if you wish.         Targets :         Servers         Administerver         Bak/Server         We SoAserver         Back       Immin Cancel
OK (2) Weldop: Server Version: 12.1.3.00	Change Center View changes and restarts Configuration editing is enabled. Future durages will automatically be activated as yos modify, add or delete items in this domain.  Domain Structure AlphaBonan	If Administration Console 12c         If Home Log Out Preferences Record Help         Home Software Summary of 3HS Servers > Summary of 3HS Modules         Create 3HS System Hodule         Back       Immin Cancel         The following properties will be used to target your new 3HS system module.         Use this page to select the server or duster on which you would like to deploy this 3MS system module. You can reconfigure targets later if you wish.         Targets :         Servers         Administerver         Bak/Server         We SoAserver         Back       Immin Cancel
WebLogic Server Version: 12.1.3.0.0	Change Center View changes and restarts Configureation editing is enabled. Future Adorpes wil automically be activated as you modify, add or delete items in this domain. Domain Structure AlphaDomain B-Environment B-Environment B-Environment B-Environment B-Environment B-Environment B-Environment B-Environment B-Collement Custers B-Services B	If Administration Console 12c         If Home Log Out Preferences Record Help         Home Software Summary of 3HS Servers > Summary of 3HS Modules         Create 3HS System Hodule         Back       Immin Cancel         The following properties will be used to target your new 3HS system module.         Use this page to select the server or duster on which you would like to deploy this 3MS system module. You can reconfigure targets later if you wish.         Targets :         Servers         Administerver         Bak/Server         We SoAserver         Back       Immin Cancel
	ORACLE® WebLogic Serve  Change Center  View changes and restarts  Configuration editing is enabled. Future changes will automically be activated as you modify, add or delete items in this domain.  Domain Structure  Abrahoman  Berworse Berouters	If Administration Console 12c         If Home Log Out Preferences Record Help         Home Software Summary of 3HS Servers > Summary of 3HS Modules         Create 3HS System Hodule         Back       Immin Cancel         The following properties will be used to target your new 3HS system module.         Use this page to select the server or duster on which you would like to deploy this 3MS system module. You can reconfigure targets later if you wish.         Targets :         Servers         Administerver         Bak/Server         We SoAserver         Back       Immin Cancel
	ORACLE® WebLogic Serve  Change Center  View changes and restarts  Configuration editing is enabled. Future changes will automically be activated as you modify, add or delete items in this domain.  Domain Structure  Abrahoman  Berworse Berouters	If Administration Console 12c         If Home Log Out Preferences Record Help         Home Software Summary of 3HS Servers > Summary of 3HS Modules         Create 3HS System Hodule         Back       Immin Cancel         The following properties will be used to target your new 3HS system module.         Use this page to select the server or duster on which you would like to deploy this 3MS system module. You can reconfigure targets later if you wish.         Targets :         Servers         Administerver         Bak/Server         We SoAserver         Back       Immin Cancel



	Iministration Console 12c				Q			
Change Center	🔒 Home Log Out Preferences 🔤 R	ecord Help	Q	Welcome,	admin Connected to: AlphaDomain			
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 JMS : Messages & All changes have been activated. N & The JMS module was created succe	lo restarts are necessary						
Domain Structure	Settings for FCUBSJMSModule							
Environment     Servers     D-Clusters     Coherence Clusters     Machines			dule and its resources. It also allows you to	configure new resources and access existing resources.				
Virtual Hosts Work Managers	Name:	FCUBS	JMSModule	The name of this JMS system module. More	: Info			
Startup and Shutdown ClassesDeploymentsServices DMessagingMS Servers	Descriptor File Name: This page summarizes the JMS resourd destination quota, distributed destination	ces that have been creat		The name of the JMS module descriptor file.				
How do I	Customize this table							
System Status	New Delete			SH	nowing 0 to 0 of 0 Previous   Next			
Health of Running Servers	🔲 Name 🗞	Туре	JNDI Name	Subdeployment	Targets			
Failed (0) Critical (0)		There are no items to display						
Overloaded (0) Warning (0) OK (2)	New Delete			Sł	nowing 0 to 0 of 0 Previous   Next			
WebLogic Server Version: 12.1.3.0.0 Copyright (c) 1996,2014, Oracle and/or its affiliates. All Oracle is a registered trademark of Oracle Corporation		marks of their respective o	vners.					

1. Go back to JMS Modules→FCUBSJMSModule→New

	dministration Console 12c				Q
Change Center	🔒 Home Log Out Preferences 🖂 R	tecord Help	٩	Welcome	, admin Connected to: AlphaDomain
View changes and restarts	Home >AlphaDomain >Summary of JMS Modules >FCUBSJMSModule	Servers >Summary of JMS	Modules > FCUBSJMSModule > Summar	y of JMS Modules >FCUBSJMSModule >Summary of JMS Modules >	FCUBSJMSModule >Summary of JMS
Configuration editing is enabled. Future changes will automatically be activated as you	Settings for FCUBSJMSModule				
modify, add or delete items in this domain.	Configuration Subdeployments	Targets Security N	otes		
Domain Structure AlphaDomain  Genvironment  Genvironment	This page displays general information	n about a JMS system moi	dule and its resources. It also allows y	ou to configure new resources and access existing resources.	
-Clusters	Name:	FCUBS	JMSModule	The name of this JMS system module. Mo	re Info
How do L.	Descriptor File Name: This page summarizes the 2MS resour destination quota, distributed destina Customize this table Summary of Resources New Delete	ces that have been creat		The name of the 3MS module descriptor file ng queue and topic destinations, connection factories, 3MS temp	
No task help found.	□ Name ↔	Туре	JNDI Name	Subdeployment	Targets
System Status 🖂			There are no it		-
Health of Running Servers           Failed (0)           Orbital (0)           Overloaded (0)           Warning (0)           OK (2)	New Delete				Showing 0 to 0 of 0 Previous   Next
WebLogic Server Version: 12.1.3.0.0 Copyright (c) 1996,2014, Oracle and/or its affiliates. Al Oracle is a registered trademark of Oracle Corporation		emarks of their respective o	vners.		

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2. Click on Connection Factory  $\rightarrow$  next  $\rightarrow$  Create the connection Factory with the below Names  $\rightarrow$  Next

	dministration Console 12c		Q
Change Center	🔒 Home Log Out Preferences 📐 Record Help	Q	Welcome, admin Connected to: AlphaDomain
View changes and restarts	Home >AlphaDomain >Summary of JMS Servers >Summ JMS Modules >FCUBSJMSModule	ary of JMS Modules > FCUBSJMSModule >	Summary of JMS Modules >FCUBSJMSModule >Summary of JMS Modules >FCUBSJMSModule >Summary of
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 Finish Cancel		
Domain Structure	Choose the type of resource you want to crea	-+-	
AlphaDomain AlphaDomain Custors E Custors E -Custors - -Machines - -Wrutal Hosts - -Wruta Managers	Use these pages to create resources in a JMS system Depending on the type of resource you select, you a factories, distributed queues and topics, foreign serv	n module, such as queues, topics, templ re prompted to enter basic information : rers, and JMS SAF destinations, you car	tes, and connection factories. or creating the resource. For targetable resources, like stand-alone queues and topics, connection also proceed to targeting pages for selecting appropriate server targets. You can also associate 5 module resources and the members to server resources.
Startup and Shutdown Classes Deployments Services	Connection Factory		Defines a set of connection configuration parameters that are used to create connections for JMS clents. <b>More Info</b>
-Messaging    JMS Servers    Store-and-Forward Agents	🔘 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
Configure quotas for destinations     Configure JMS templates	🔘 Торіс		Defines a publich/pubscribe 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	O 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. <b>More Info</b>
System Status	© Quota		Controls the allotment of system resources available to destinations. More ${\rm Info}\ldots$
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 [SAP] destrabilitions. A SAP destination is a representation of a queue or topic in a remote server instance or cluster that is imported into the local cluster or server instance, so that the local server instance or local course and messages to the remote server instance or cluster. When Enforc
	Remote SAF Context		Defines the URL of the remote server instance or duster where a JMS

	ministration Console 12c			Q
Change Center	🏠 Home Log Out Preferences 🔤 Record H	telp Q		Welcome, admin Connected to: AlphaDomain
View changes and restarts	Home >AlphaDomain >Summary of JMS Servers : Modules >FCUBSJMSModule	>Summary of JMS Modules >FCUBS	JMSModule >Summary of JMS Modules	s >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 JMS System Module Resource Back Next Finish Cancel	ce		
Domain Structure				
AlphaDomain	Connection Factory Properties The following properties will be used to identify <sup>a</sup> Indicates required fields	y your new connection factory. Th	ie current module is FCUBSJMSModuli	e.
Machines Virtual Hosts Work Managers	What would you like to name your new connect	ion factory?		
Startup and Shutdown Classes	* Name:	UBSConnectionfactory		
Deployments Services Messaging	What JNDI Name would you like to use to look u	up your new connection factory?		
JMS Servers	JNDI Name:	jndi/FCUBSConnection	factory	][
How do I	The Connection Factory Subscription Sharing Po	xicy Subscribers can be used to co	introl which subscribers can access n	ew subscriptions. Should subscriptions created using this factory be sharable?
Configure quotas for destinations     Configure JMS templates	Subscription Sharing Policy:	Exclusive -		
Configure destination keys     Configure topics	The Client ID Policy indicates whether more than Subscriptions created with different Client ID po			setting the Client ID policy to Unrestricted if sharing durable subscribers. Policy would you like to use?
Configure queues     Configure connection factories	Client ID Policy:	Restricted -		
Configure uniform distributed topics     Configure uniform distributed queues	A connection factory can limit the number of me	essages that can queued for an as	ynchronous session. Should this con	nection factory impose a limit?
Configure foreign servers     Configure JMS SAF	Maximum Messages per Session:	10	]	
	Should this connection factory create sessions t	that are JTA aware, and create XA	A queues and XA topics?	
System Status  Health of Running Servers	V XA Connection Factory Enabled			
Failed (0) Critical (0)	Back Next Finish Cancel			
Overloaded (0) Warning (0) OK (2)				
WebLogic Server Version: 12.1.3.0.0 Copyright (c) 1996,2014, Oracle and/or its affiliates. All in Oracle is excitated to be applied on the oracle Connection.	rights reserved. and/or its affiliates. Other names may be trademarks of	Their connection auronae		

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



	dministration Console 12c
Change Center	🏦 Home Log Out Preferences 🖾 Record Help
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.	Create a New JHS System Module Resource           Back         Text         Finish         Advanced Targeting         Cancel
Domain Structure	
AlphaDomain	The following properties will be used to target your new JMS system module resource
Environment     Servers     Ousters     Coherence Clusters	Use this page to view and accept the default targets where this IMS resource will be targeted. The default targets are based on the parent IMS 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.
Machines Virtual 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.
	Targets :
Services	
E-Messaging	Servers
	SOAServer
How do L	
Configure quotas for destinations	Back Next Fnish 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 JMS SAF	
System Status	
Health of Running Servers	
Failed (0)           Critical (0)           Overloaded (0)           Warning (0)           OK (2)	
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ORACLE WebLogic Server Administration Console 12c
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Change Center	🖀 Home Log Out Preferences 🖾 Record Help
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.	Create a New JHS System Hodule Resource           Back         Finith         Cancel
Domain Structure AlphaDomain	The following properties will be used to target your new JHS system module resource Use this page to select a subdeployment to assign this system module resource. A subdeployment is a mechanism by which JMS resources are grouped and targeted to a server instance, cluster, or SAF agent. Threesary, you can create a new subdeployment by cliding the <b>Create a New Subdeployment</b> button. You can also reconfigure subdeployment targets later by using the parent module's subdeployment management page.
Virtual HostsVirtual HostsVortual HostsStrutup and Shutdown ClassesDeploymentsDeploymentsDeploymentsDeployments	Select the subdeployment you want to use. If you select (none), no targeting will coar. Subdeployments: [(none)] [Cavate a New Subdeployment]
How do L	What targets do you want to assign to this subdeployment? Targets :
Configure JMS templates     Configure destination keys     Configure topics	Back Net Finin Carcel
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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CRACLE WebLogic Server Administration Console 12c	2
change Center 🕜 Home Log Out Preferences 🖾 Record Help	in
View changes and restarts Hone >Summary of JMS Modules >FCUBSINMSHodule >FCUBSINMSHodule >SUMMary of JMS Modules >FCUBSINMSHodule >FCUBSINMSHODUL >FCUBSINMSHOD	
Configuration editing is enabled, Future thorage will automatically be activated as you modify, add or delete items in this domain.	1
Domain Structure	
AbbaDomain Subdeployment Properties	
Devicement     The following properties will be used to identify your new subdeployment.	
D-Outers     E Subdeployment Name: FCUBS	
Madrine OK Canel	
- Virbal Hosts Unit California	
- Work Managers	1
-Deployments	
E>Hessaging i → INS Servers	
Stree-and-Forward Agents	
tow do L.	
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	
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Overloaded (0)	
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ок (2)	
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	Administration Console 12c	Q 🕯
Change Center	Home Log Out Preferences 🔤 Record Help     Gonnected to: a	AlphaDomain
View changes and restarts	Home >Summary of JMS Modules >FCUBSJMSModule >Summary of JMS Modules >FCUBSJMSModule >FCUBSGonnectionfactory >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	Create a New JHS System Module Resource	
this domain. Activate Changes	The following properties will be used to target your new JHS system module resource	
Undo All Changes	Use this page to select a subdeployment to assign this system module resource. A subdeployment is a mechanism by which JNS resources are grouped and targeted to a server instance, r SAF agent. If necessary, you can create a new subdeployment by clicing the <b>Create a New Subdeployment</b> button. You can also reconfigure subdeployment targets later by using th	
Domain Structure	module's subdeployment management page.	
AlphaDomain	Select the subdeployment you want to use. If you select (none), no targeting will occur.	
Clusters    Coherence Clusters    Coherence Clusters    Machines	Subdeployments: FCUBS V Create a New Subdeployment	
Virtual Hosts Work Managers	What targets do you want to assign to this subdeployment?	
Startup and Shutdown Classes    Deployments    Services	Targets :	=
-Messaging -JMS Servers -Store-and-Forward Agents -	Servers	
How do L.	SOAServer	
Configure guotas for destinations	JMS Servers	
Configure JMS templates     Configure destination keys	BPHJMSServer	
Configure topics	FCUBSJMSServer	
Configure queues     Configure connection factories	SOAJMSServer	
Configure uniform distributed topics		
<ul> <li>Configure uniform distributed queues</li> <li>Configure foreign servers</li> </ul>	UMSJMSServer_auto_2	
Configure INE SAF	Back Next Frish Cancel	
System Status 🗉		
Health of Running Servers		
Failed (0)		
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Overloaded (0) Warning (0)		
ОК (2)		-



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Change Center	🔒 Home Log Ou	t Preferences 📐	Record He	P	٩			Welcome,	admin Connected to: AlphaD	omain
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 >ulaceholder								
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.										
Domain Structure	Settings for FCU	, CIMCMadula								-
AlphaDomain   Environment  Servers  Custers	_	Subdeployments	Targets	Security	Notes					
	This page displa	ys general informati	on about a I	IMS system	module and its resou	rces. It also allows you to configure	e new resources an	d access existing resources.		
Work Managers Startup and Shutdown Classes	Name: FCUBSJMSModule						The name of this JMS system module. More Info			
DeploymentsServicesMessagingJMS ServersStore-and-Forward Agents *	This page summ	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 double destinations. Foreion servers, and store-and forward parameters.								
How do I   No task help found.	Customize thi									
	Summary of R	esources								
System Status Health of Running Servers	New Dele							s	howing 1 to 1 of 1 Previous   Ne	ext
Failed (0)	🔲 Name 🗇			Туре		JNDI Name		Subdeployment	Targets	
Critical (0)	FCUBSCon	nectionfactory		Connection	on Factory	jndi/FCUBSConnectionfactory		FCUBS	FCUBSJMSServer	
Overloaded (0) Warning (0)	New Dele	te						s	howing 1 to 1 of 1 Previous   Ne	ext
OK (2)										
WebLogic Server Version: 12.1.3.0.0										

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Change Center	🔒 Home Log Out Preferences 🔤 Record Hel				min Connected to: AlphaDomain
View changes and restarts	Home >Summary of JMS Modules >FCUBSJMSMode Modules >FCUBSJMSModule >placeholder	ule >Summary of JMS Modules >FCUE	ISJMSModule >FCUBSConnectionfactory >Summary of	f 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.	Messages All changes have been activated. No restarts	are necessary.			
Domain Structure	Connection factory created successfully.				
AlphaDomain 🔺	Settings for FCUBSJMSModule				
-Environment -Servers E Clusters E	Configuration Subdeployments Targets	Security Notes			
er-Custers Coherence Clusters Machines Virtual Hosts	This page displays general information about a 2	IMS system module and its resource	s. It also allows you to configure new resources and	access existing resources.	
Work Managers Startup and Shutdown Classes	Name:	FCUBSJMSModule	this JMS system module. More Info		
DeploymentsServicesJMS ServersJMS ServersJMS ServersJMS Servers			m module, including queue and topic destinations, c	the JMS module descriptor file. M	
How do I	destination quota, distributed destinations, fore	ign servers, and store-and-forward	parameters.		
No task help found.	Customize this table				
	Summary of Resources				
System Status	New Delete			Showi	ing 1 to 1 of 1 Previous   Next
Health of Running Servers Failed (0)	🔲 Name 🏟	Туре	JNDI Name	Subdeployment	Targets
Critical (0)	FCUBSConnectionfactory	Connection Factory	jndi/FCUBSConnectionfactory	FCUBS	FCUBSJMSServer
Overloaded (0) Warning (0)	New Delete			Showi	ing 1 to 1 of 1 Previous   Next
OK (2)					
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4. Go back to console  $\rightarrow$  Click on JMS Modules  $\rightarrow$  New  $\rightarrow$  check on Queue  $\rightarrow$  next

Coherence ClustersNachinesVirtual HostsWork ManagersWork Managers	factories, distributed queues and topics, foreign servers, and JMS SAF de	Depending on the type of resource you select, you are prompted to enter basic information for creating the resource. For targetable resources, like stand-sione queues and topics, connection factories, distributed queues and topics, foreign servers, and JMS SAF destinations, you can also proceed to targeting pages for selecting appropriate server targets. You can also associate targetable resources with subdeployments, which is an advanced mechanism for grouping JMS module resources and the members to server resources.							
	Connection Factory	Defines a set of connection configuration parameters that are used to create connections for JMS clients. More Info							
☐-Messaging JMS Servers Store-and-Forward ∆nents	© 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							
Configure quotas for destinations     Configure JMS templates	© Торіс	Defines a publicly/subscribe destination type, which are used for asynchronous peer communications. A message delivered to a topic is distributed to all topic consumers. <b>More Info</b>							
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	O 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							
	© 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-end-forward (SAP) destinations. A SAP destination is a representation of a queue or topic in a remote server instance or duster that is imported in 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 cluster where a JMS destination is exported from. It also contains the security credentials to be authenticated and authorized in the remote cluster 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								



 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

	Iministration Console 12c				Q
Change Center	Home Log Out Prefere	ences 📐 Record Help	Q		Welcome, admin Connected to: AlphaDomain
View changes and restarts	Home >Summary of JMS Mo Modules >FCUBSJMSModule		Summary of JMS Modules > FCUBSJM	5Module >FCUBSCon	nectionfactory >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 JMS System Back Next Finish				
Domain Structure					
AlphaDomain AlphaD	JMS Destination Prope The following properties w * Indicates required fields		new Queue. The current module is l	CUBSJMSModule.	
Wirtual Hosts Work Managers Startup and Shutdown Classes	* Name:	NOTIFY_DEST_Q	UEL		
Deployments Services Messaging	JNDI Name:	jms/NOTIFY_DES1	T_QUEUE		
JMS Servers	Template:	None 💌			
How do I 🖃	Back Next Finish	Cancel			
Configure quotas for destinations					
Configure JMS templates					
Configure destination keys					
Configure topics     Configure queues					
Configure queues     Configure connection factories					
Configure connector ractories     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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	Iministration Console 12c		Q
Change Center	😭 Home Log Out Preferences 🔤 Record Help	<u> </u>	Welcome, admin Connected to: AlphaDomain
View changes and restarts	Home >Summary of JMS Modules >FCUBSJMSModule >Summary of J Modules >FCUBSJMSModule > <b>placeholder</b>	MS Modules > FCUBSJMSModule > FCUBSConnectionfactory > Summ	ary 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 JMS System Module Resource		
	Back Next Finish Cancel		
AlphaDomain  -Environment  -Servers		dule resource. A subdeployment is a mechanism by which JMS res	sources are grouped and targeted to a server instance, cluster, or
Coherence Clusters    Coherence Clusters    Machines    Virtual Hosts	module's subdeployment management page.		also reconfigure subdeployment targets later by using the parent
Work Managers Startup and Shutdown Classes Deployments	Select the subdeployment you want to use. If you select (none), n Subdeployments: FCUBS	io targeting will occur. Create a New Subdeployment	
Services	What targets do you want to assign to this subdeployment?		
How do I	Targets :		
Configure quotas for destinations	JMS Servers		
Configure JMS templates     Configure destination keys	© BPMJMSServer		
Configure topics	FCUBSJMSServer		
Configure queues	• FC085JFISServer		
Configure connection factories     Configure uniform distributed topics	© SOAJMSServer		
Configure uniform distributed queues	© UM5JM5Server_auto_2		
Configure foreign servers			
Configure JMS SAF	Back Next Finish Cancel		
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. A	II rights reserved. n and/or its affiliates. Other names may be trademarks of their respective own	ers.	
	Iministration Console 12c		Q
Change Center	🔒 Home Log Out Preferences 🖾 Record Help	Q.	Welcome, admin Connected to: AlphaDomain
View changes and restarts	Home >Summary of JMS Modules >FCUBSJMSModule >Summary of J Modules >FCUBSJMSModule >placeholder	MS Modules > FCUBSJMSModule > FCUBSConnectionfactory > Summ	ary of JMS Modules > FCUBSJMSModule > Summary of JMS
Configuration editing is enabled. Future changes will automatically be activated as you	Messages		

View changes and restarts	Modules >FCUBSJMSModule >placeholder	House yournary or ship House y	Constrained in Constant Action actory statistical	y of SHO Housing of Country Housing	r yournary or sho
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 res				
Domain Structure	The JMS Queue was created successful	/			
AlphaDomain	Settings for FCUBSJMSModule				
-Environment -Servers	Configuration Subdeployments Targ	ets Security Notes			
Clusters    Coherence Clusters    Machines    Virtual Hosts	This page displays general information abo	ut a JMS system module and its reso	urces. It also allows you to configure new resources	and access existing resources.	
Work Managers Startup and Shutdown Classes	Name:	FCUBSJMSModule	The name	of this JMS system module. More	Info
Deployments Services Messaging	Descriptor File Name:	jms/fcubsjmsmodule-jn	ns.xml The name	of the JMS module descriptor file.	More Info
How do L	This page summarizes the JMS resources th destination quota, distributed destinations		ystem module, including queue and topic destination ward parameters.	s, connection factories, JMS templat	xes, destination sort keys,
	Summary of Resources				
System Status	New Delete			Shr	owing 1 to 2 of 2 Previous   Next
Health of Running Servers Failed (0)	Name 🌣	Туре	JNDI Name	Subdeployment	Targets
Critical (0)	FCUBSConnectionfactory	Connection Factory	jndi/FCUBSConnectionfactory	FCUBS	FCUBSJMSServer
Overloaded (0)	NOTIFY_DEST_QUEUE	Queue	jms/NOTIFY_DEST_QUEUE	FCUBS	FCUBSJMSServer
Warning (0) OK (2)	New Delete			Sho	owing 1 to 2 of 2 Previous   Next
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11. Please create the MDB\_QUEUE\_RESPONSE, eis/jms/ORGateway, FAULT\_QUEUE\_RESPONSE Queues as above in console with in FCUBSJMSModule.(Follow step 9-10 in 1.2.7)



	OMS Application (12.1.3.0.0)	Active	🖋 ок	Web Application	AdminServer, BAMServer, SOAServer	5
	⊞ <sub>Co</sub> em	Active	🖋 ок	Enterprise Application	AdminServer	400
	EFCUBSAppIUT (12.1.0.0.0)	Active	A Warning	Enterprise Application	SOAServer	600
		Active	🖋 ок	Resource Adapter	SOAServer	321
	⊞frevvo	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
	DEWorldAdapter	Installed		Resource Adapter		333
<b>v</b>	🐼 ImsAdapter	Active	🖋 ок	Resource Adapter	SOAServer	323
	LdapAdapt JmsAdapter, Level 1, 19 of 46	Installed		Resource Adapter		332
	MQSeriesAdapter	Active	🖋 ок	Resource Adapter	SOAServer	327
		Installed		Resource Adapter		334
		Active	🖋 ок	Enterprise Application	SOAServer	100
	♂OracleAppsAdapter	Active	🖋 ок	Resource Adapter	SOAServer	328
	♂OracleBamAdapter	Installed		Resource Adapter		329
	CradeBPMBACServerApp	Active	🖋 ок	Enterprise Application	SOAServer	384
	E CradeBPMComposerRolesApp	Active	≪ок	Enterprise Application	SOAServer	382
	CradeBPMProcessRolesApp	Active	🖋 ок	Enterprise Application	SOAServer	381
	CradeBPMWorkspace	Active	🖋 ок	Enterprise Application	SOAServer	383
	SAPAdapter	Installed		Resource Adapter		335
	SimpleApprovalTaskFlow	Active	🖋 ок	Enterprise Application	SOAServer	386
	🗄 📑 soa-infra	Active	🖋 ок	Enterprise Application	SOAServer	350
	E Roa-webapps	Active	🖋 ок	Enterprise	SOAServer	360

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



View changes and restarts		CUBSConnectio		Modules >	FCUBSJMSMod	lule >Summa	ry of J	MS Modules >FCl	IBSJMSMo	odule >placeholder >Summary of Deployments >JmsAdapter >Summary of
Configuration editing is enabled. Future changes will automatically be activated as you	Settings f	for JmsAdap	ter							
modify, add or delete items in this domain.										
moury, and or delete remain one domain.	Overview	Deploymen	nt Plan Configuration	Security	y Targets	Control	Testir	ng Monitoring	Notes	
Domain Structure	General	Properties	Outbound Connection	Pools	Admin Object	s Workloa	ad	Instrumentation		
B-Clusters = Coherence Clusters Machines Virtual Hosts Virtual Hosts Vork Nanagers Dealowments	Connect	tion Pool group		or instan						figuration information for a Connection Pool instance within an Outbound is are not displayed in the table below. Showing 1 to 1 of 1 Previous
-Services  -Messaging	G	roups and In	stances 🗠					Co	nnectio	n Factory Interface
JMS Servers	E	orade.tip.ada	apter.jms.IJmsConnectionF	actory				ora	de.tip.ad	lapter.jms.IJmsConnectionFactory
		eis/activemq/	Queue					ora	de.tip.ad	lapter.jms.IJmsConnectionFactory
How do I		eis/aqjms/EDN	NLocalTxDurableTopic					ora	de.tip.ad	lapter.jms.IJmsConnectionFactory
<ul> <li>Configure outbound connection pool</li> </ul>		eis/aqjms/EDM	LocalTxTopic					ora	de.tip.ad	lapter.jms.IJmsConnectionFactory

Configure outbound connection pool
properties

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

System Status

Health of Running Servers

-

isted b Connec	y connection fa tion Pool group	ctory interface and the instances ar 0. Click the name of a group or instar	e listed by their JI	VDI names. E	xpand a group to	The top level entries in the table represent Outbound Connection Pool groups. Groups are obtain configuration information for a Connection Pool instance within an Outbound nection Pools are not displayed in the table below.					
New	Delete	on Pool Configuration Table				Showing 1 to 1 of 1 Previous   Next					
	roups and In	stansas A				Connection Factory Interface					
G	roups and in	stances ∾				Connection Factory Interface					
E	oracle.tip.ada	apter.jms.IJmsConnectionFactory				oracle.tip.adapter.jms.IJmsConnectionFactory					
	eis/activemq/	Queue				orade.tip.adapter.jms.IJmsConnectionFactory					
	eis/aqjms/EDI	NLocalTxDurableTopic				orade.tip.adapter.jms.IJmsConnectionFactory					
	eis/aqjms/ED/	NLocalTxTopic				orade.tip.adapter.jms.IJmsConnectionFactory					
	eis/aqjms/ED/	NxaDurableTopic				oracle.tip.adapter.jms.IJmsConnectionFactory					
	eis/aqjms/EDI	NxaTopic				orade.tip.adapter.jms.IJmsConnectionFactory					
	eis/aqjms/Qu	eue				orade.tip.adapter.jms.IJmsConnectionFactory					
	eis/aqjms/Top	ic				oracle.tip.adapter.jms.IJmsConnectionFactory					
	eis/fioranomq	/Topic				oracle.tip.adapter.jms.IJmsConnectionFactory					
	eis/jbossmq/0	Queue				oracle.tip.adapter.jms.IJmsConnectionFactory					
	eis/jms/aiaB2	BQueueCF				oracle.tip.adapter.jms.IJmsConnectionFactory					
	eis/jms/aiaErr	orTopicCF				oracle.tip.adapter.jms.IJmsConnectionFactory					
	eis/pramati/Q	ueue				oracle.tip.adapter.jms.IJmsConnectionFactory					
	eis/sunmq/Qu	eue				orade.tip.adapter.jms.IJmsConnectionFactory					
	eis/tibjms/Qu	eue				orade.tip.adapter.jms.IJmsConnectionFactory					
	eis/tibjms/Top	sic				orade.tip.adapter.jms.IJmsConnectionFactory					
	eis/tibjmsDire	ct/Queue				orade.tip.adapter.jms.IJmsConnectionFactory					
	eis/tibjmsDire	ct/Topic				orade.tip.adapter.jms.IJmsConnectionFactory					
	eis/webspher	emq/Queue				orade.tip.adapter.jms.IJmsConnectionFactory					
	eis/wls/EDNLc	calTxDurableTopic				orade.tip.adapter.jms.IJmsConnectionFactory					
	eis/wls/EDNLc	calTxTopic				orade.tip.adapter.jms.IJmsConnectionFactory					
	eis/wls/EDNxa	aDurableTopic				orade.tip.adapter.jms.IJmsConnectionFactory					
	eis/wls/EDNxa	аТоріс				orade.tip.adapter.jms.IJmsConnectionFactory					
	eis/wls/Queu					orade.tip.adapter.jms.IJmsConnectionFactory					

\*

Change Center	🟦 Home Log Out Preferences 🖾 Record Help
View changes and restarts	Home >FCUBSJMSModule >placeholder >Summary of Deployments >JmsAdapter >Summary of Deployments >JmsAdap
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Back         Frish         Cancel
Domain Structure	Outbound Connection Group
phaDomain   Environment  Servers	In which outbound connection group do you want to create an instance? Outbound Connection Groups
-Clusters Coherence Clusters	Showing 1 to 1 of 1 Previous   Next
Machines Virtual Hosts	Outbound Connection Group A
Work Managers Startup and Shutdown Classes	orade.tip.adapter.jms.llmsConnectionFactory
Deployments	Showing I to 1 of 1 Previous   Next
⇒Services →Messaging →JMS Servers ⇒Store-and-Enrward Agents	Back Ned Finish Cancel
łow do I 🖃	
Configure outbound connection pool     properties	
ystem Status	
ealth of Running Servers	
Failed (0) Critical (0)	
Overloaded (0) Warning (0)	
OK (2)	



	dministration Console 12c		Q
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Q	Welcome, admin Connected to: AlphaDomain
View changes and restarts	Home > FCUBSJMSModule > placeholder > Summary of I	Jeployments >JmsAdapter >Summary o	f Deployments >JmsAdapter >Summary of Deployments >JmsAdapter >Summary of Deployments > <b>JmsAdapter</b>
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	De	
AlphaDomain	Enter the JNDI name that you want to use to obtain * Indicates required fields	) the new connection instance	
Machines Virtual Hosts Work Managers Startup and Shutdown Classes	The Outbound Connection instance represents a con	nection pool. The JNDI name can be e	used to obtain the pool at runtime.
DeploymentsServicesMessagingMS ServersMS ServersStrice-and-Encourd Agents *	Back Next Finish Cancel		
How do I			
Configure outbound connection pool properties			
System Status			
Health of Running Servers			
Failed (0)           Critical (0)           Overloaded (0)           Warning (0)           OK (2)			

Isted by connection factory interface and the instances are listed by their JNDI names. Expand a group to obtain configuration information for a Connection Pool instance within an Outbound Connection Pool group. Click the name of a group or instance to configure it. Automatically generated Connection Pools are not deplayed in the table below. . Outbound Connection Pool Configuration Table New Delete Showing 1 to 1 of 1 Previous | Next 🔲 Groups and Instances 🗞 Connection Factory Interface e oracle.tip.adapter.jms.IJmsConnectionFactory oracle.tip.adapter.jms.IJmsConnectionFactory eis/activemq/Queue oracle.tip.adapter.jms.IJmsConnectionFactory How do I... eis/aqjms/EDNLocalTxDurableTopic oracle.tip.adapter.jms.IJmsConnectionFactory Configure outbound connection pool
properties eis/aqjms/EDNLocalTxTopic oracle.tip.adapter.jms.IJmsConnectionFactory eis/aqjms/EDNxaDurableTopic oracle.tip.adapter.jms.IJmsConnectionFactory System Status eis/aqjms/EDNxaTopic oracle.tip.adapter.ims.LJmsConnectionFactory Health of Running Servers eis/aqjms/Queue oracle.tip.adapter.jms.IJmsConnectionFactory eis/aqjms/Topic oracle.tip.adapter.jms.IJmsConnectionFactory Failed (0) Critical (0) eis/fioranomq/Topic oracle.tip.adapter.jms.IJmsConnectionFactory Overloaded (0) eis/jbossmq/Queue oracle.tip.adapter.jms.IJmsConnectionFactory Warning (0) eis/jms/aiaB2BQueueCF oracle.tip.adapter.jms.IJmsConnectionFactory OK (2) eis/jms/aiaErrorTopicCF oracle.tip.adapter.jms.IJmsConnectionFactory eis/pramati/Queue oracle.tip.adapter.jms.IJmsConnectionFactory eis/Queue/Notif oracle.tip.adapter.jms.IJmsConnectionFactory eis/sunmq/Queue oracle.tip.adapter.jms.IJmsConnectionFactory eis/tibjms/Queue oracle.tip.adapter.jms.IJmsConnectionFactory eis/tibjms/Topic oracle.tip.adapter.jms.IJmsConnectionFactory eis/tibjmsDirect/Queue oracle.tip.adapter.jms.IJmsConnectionFactory eis/tibjmsDirect/Topic oracle.tip.adapter.jms.IJmsConnectionFactory eis/webspheremg/Queue oracle.tip.adapter.jms.IJmsConnectionFactory eis/wls/EDNLocalTxDurableTopic oracle.tip.adapter.jms.IJmsConnectionFactory eis/wls/EDNLocalTxTopic oracle.tip.adapter.jms.IJmsConnectionFactory eis/wls/EDNxaDurableTopic oracle.tip.adapter.jms.IJmsConnectionFactory eis/wls/EDNxaTopic oracle.tip.adapter.jms.IJmsConnectionFactory eis/wls/Queue oracle.tip.adapter.jms.IJmsConnectionFactory eis/wls/Topic oracle.tip.adapter.jms.IJmsConnectionFactory New Delete Showing 1 to 1 of 1 Previous | Next

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

Change Center		🟦 Home Log Out Preferences 🔤 Recor	d Help		Welcome, admin Connected to: AlphaDom
View changes and restarts	11	Home >JmsAdapter >Summary of Deploymen		nts >JmsAdapter >Summary of JMS Modules >FC	UBSJMSModule >Summary of JMS Modules >Summary of
Configuration editing is enabled. Future		Deployments >JmsAdapter			
changes will automatically be activated as you modify, add or delete items in this domain.	u	Settings for oracle.tip.adapter.jms.IJm	sConnectionFactory		
moury, add or delete items in this domain.		General Properties Transaction	Authentication Connection Pool	Logging	
Domain Structure					
AlphaDomain	Â	This page allows you to view and modify t	he configuration properties of this out	oound connection pool. Properties you modify I	here are saved to a deployment plan.
Servers	-	Outbound Connection Properties			
ClustersCoherence Clusters		Save			Showing 1 to 7 of 7 Previous   Next
Machines Virtual Hosts				<b>N</b> 1 11	
Work Managers		Property Name 🐟	Property Type	Property Value	Supports Dynamic Updates
LStartup and Shutdown Classes		AcknowledgeMode	java.lang.String	AUTO_ACKNOWLEDGE	false
E-Services		ConnectionFactoryLocation	java.lang.String	jndi/FCUBSConne(	false
-MessagingJMS ServersJMS Servers		FactoryProperties	java.lang.String		false
Store-and-Forward Agents	Ψ.	IsTopic	java.lang.Boolean	false	false
How do I	-	IsTransacted	java.lang.Boolean	false	false
Configure outbound connection pool		Password	java.lang.String		false
properties		Username	java.lang.String		false
	-	Cours			
ystem Status	-	Save			Showing 1 to 7 of 7 Previous   Next
OK (2) VebLogic Server Version: 12.1.3.0.0					
WebLogic Server Version: 12.1.3.0.0 Copyright (c) 1995.2014, Oracle and/or its affiliat Oracle is a registered trademark of Oracle Corpor	oration a	nd/or its affiliates. Other names may be trademark	s of their respective owners.		
WebLogic Server Copyright (c) 1995,2014. Oracle and/or its affiliate Oracle is a registered trademark of Oracle Corpor DRACLE WebLogic Serve	oration a	nd/or its affiliates. Other names may be trademark			,
WebLogic Server Version: 12.1.3.0.0 Copyright (c) 1596-2014. Orack and/or its affiliate Oracle is a registered trademark of Oracle Corpor DRACLE: WebLogic Serve Change Center	oration a	ndfor its affiliate. Other names may be trademark inisistration Console 12c Mome Log Out Preferences & Recor Home Sunskapter - Summary of Deploymen	d Help	nts JmsAdapter > Summary of JMS Modules >FC	
WebLogic Server Version: 12.1.3.0.0 Copyright (c) 1595/2014. Oracle and/or its affiliate Oracle is a registered trademark of Oracle Corpor Cracle Conter View Changes and restarts Configuration editing is enabled. Future changes will autocally be activated as you modify, add or delete items in this doman.	er Adm	nd/or its efficies. Other names may be trademark ninistration Console 12c 🏠 Home Log Out Preferences 🚵 Recor	d Hep Q	nts >JmsAdapter >Summary of JMS Modules >FC	Welcome, admin Connected to: AlphaDor
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OK (2)

Username Save

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



Showing 1 to 7 of 7 Previous | Next

Coherence Clusters     Coherence Clusters     Machines     Work Managers     Startup and Shutdown Classes	Cus	istail a new application or module for deployment to targets in this domain, click to tomize this table loyments	e Instali Dutton.				
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		DMS Application (12.1.3.0.0)	Active	🖋 ок	Web Application	AdminServer, BAMServer, SOAServer	5
		E Com	Active	🖋 ок	Enterprise Application	AdminServer	400
		E_FCUBSAppIUT (12.1.0.0.0)	Active	A Warning	Enterprise Application	SOAServer	600
			Active	🖋 ок	Resource Adapter	SOAServer	321
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			Active	🖋 ок	Resource Adapter	SOAServer	325
		GWWebServices (12.1.0.0.0)	Active	🖋 ок	Enterprise	SOAServer	600
		JDEWorldAdapter	Installed		Resource Adapter		333

#### 15. Go to console →Deployments→JMS adapter→Update→Next→ Next →Finish

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Change Center	😭 Home Log Out Preferences 🔝 Record Help	Welcome, admin Connected to: AlphaDomain						
View changes and restarts	Home >Summary of Deployments >JmsAdapter >Summary of Deployments >JmsAdapter >Summary of JMS Modules >FCUBSJMSModule >Summary of JMS Moc Deployments >JmsAdapter >Summary of Deployments	iules >Summary of						
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modify, add or delete items in this domain.	Back Next Finish Cancel							
Domain Structure	Locate new deployment files							
AlphaDomain	You have elected to update the JmsAdapter application.							
Servers Clusters Coherence Olusters	🔘 Update this application in place with new deployment plan changes. (A deployment plan must be specified for this option)							
Machines Virtual Hosts	Deployment plan path:         /scratch/app/orade/product/fmw12cr3/soa/soa/connectors/Plan1.xml         Ohange Path							
Work Managers Startup and Shutdown Classes Deployments	Redeploy this application using the following deployment files:							
E Services	Source path: /scratch/app/oracle/product/fmw12cr3/soa/soa/connectors/JmsAdapter.rar Change Path							
JMS Servers Store-and-Enrward Agents	Deployment plan path: /scratch/app/orade/product/fmw12cr3/soa/soa/connectors/Plan1.xml Change Path							
How do I 🗉	Back Next Finish Cancel							
<ul> <li>Start and stop a deployed enterprise application</li> </ul>								
Configure an enterprise application								
Create a deployment plan								
<ul> <li>Target an enterprise application to a server</li> </ul>								
Test the modules in an enterprise application								
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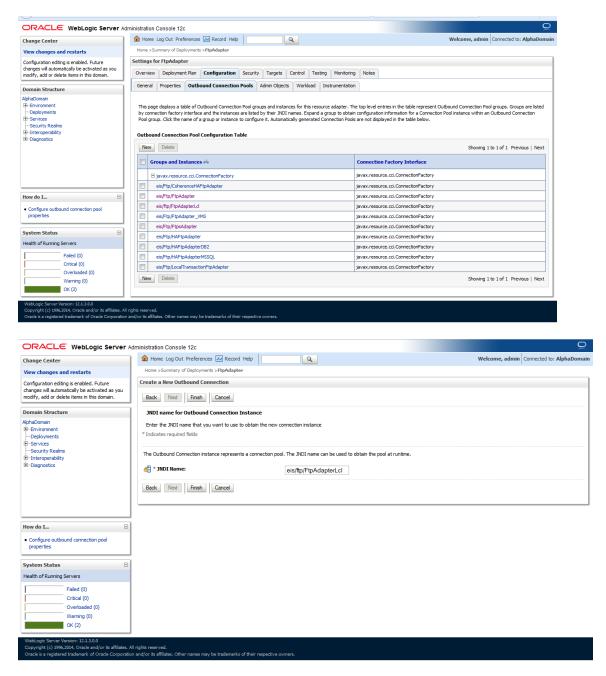
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Virtual Hosts	(re	edeployed), or deleted from	the domain by first select	ing the application name and using th	e controls on this pag	je.				
Work Managers										
	To	install a new application or	module for deployment to	targets in this domain, dick the Insta	all button.					
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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.



# 1.2.7 Configuring FTP Adapter

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



2)Click finish and save.



### 1.2.8 BIP Interactive reports configuration

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

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

ORACLE WebLogic Server® A	dministration Console		0
Change Center	Home Log Out Preferen	ces 🔤 Record Help	Welcome, weblogic Connected to: bifoundation_domain
View changes and restarts	Home >Summary of Security	Realms >myrealm >Users and Groups	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain. Lock & Edit Release Configuration	Settings for myrealm Configuration Users and Users Groups	Groups Roles and Policies Credential Mappings Provide	rs Migration
Domain Structure           bifoundation_domain           ⊕ Environment           !-Oeployments           !-Services           "Security Realms		ion about each user that has been configured in this security real yed because there are too many matches. Please customize this t	
<ul> <li>Interoperability</li> <li>Diagnostics</li> </ul>	New Delete	Description	Showing 1 to 10 of 1000 Previous   Next Provider
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	11111RM 3	Sweta	FCJCustomProvider
	11111RM_3	RM	FCICustomProvider
	112233	Default Admin User 10	FCJCustomProvider
How do I	121212	Default Admin User 10	FCJCustomProvider
	123456	SANKER GS	EC/CustomProvider
<ul> <li>Manage users and groups</li> </ul>	141414	Default Admin User 10	FCJCustomProvider
Create users			FCJCustomProvider
Modify users	15259A03	Kumar	
Delete users	1M20862	BALA	FCJCustomProvider
System Status	20862A1	Bala	FCJCustomProvider
Health of Running Servers	New Delete		Showing 1 to 10 of 1000 Previous   Next
Failed (t)         Failed (t)           Critical (t)         Orverlaaded (t)           Warning (to)         Ork (2)           Welklopic Stever Version 18.5.60         Copyright 6 11% 2011. Crickle and on the atfiliates. All F			

- 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



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• Go to security and then navigate to application roles

- 4) After navigating to next screen as in below screenshot,
  - Select application stripe as obi •
  - Click on the search button •
  - Click on create button to add a role •



ORACLE <sup>®</sup> Enterprise Mar	nager 11g Fu	sion Middleware Control			Setup - Help - Log Out
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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).



ORACLE Enterprise Manager	11g Fusion Middleware Control		Setup 👻 Help 👻 Log
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	bifoundation_domain () Wekkopic tomain + Application Roles Create Application Role Create Application Role		Logged in as weblog Page Refreshed Mar 19, 2014 6:45:35 PM IST OK Cancel
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	No groups or application roles added.	Searched Principals	
		Principal Display Name BIAdministrators BIAuthors	Description BI Administrators Group BI Authors Group
		BIConsumers BIPTest	BI Consumers Group BIPTest
		CrossDomainConnectors	CrossDomainConn can make inter- domain calls from foreign domains.
		Deployers	Deployers can view all resource attributes and deploy applications.
		Monitors	Monitors can view and modify all resource attributes
		✓ Advanced Option          ✓ Advanced Option         ✓ Eack to enter principal name here instead of be used for advanced scenaros related to cur         Type Group •         • Principal Name [ALLROLES-00 Display Name [ALLROLES-00	itom authenticators.

• After completing click on OK button in pop up window and also in the screen.



- 6) After getting information message like "A new role added successfully", then again
  - Right click on the domain(in which BI suite is installed) under the weblogic domain

Farm      Form      Topology     Farm bifoundation _d     P      Application Deploy     WebLogic Domain     Differentiation     AdminSer     AdminSer     Budiness Intellig     Differentiate Record	omain ments Home	bifoundati	on_domain ⊚ <sup>Domain</sup> +			Logged in as weblogic
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• Go to security and then navigate to application polices



- 7) After navigating to next screen as per screen shot,
  - Select the application stripe as obi, principal type as "Application Role" 0
  - Click on the search button 0
  - Select BIConsumer(it should be highlighted) from the list and click on the create like 0 button.

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♥ ■ Farm_bifoundation_domain		bifoundation_domain ③ ∰ WebLogic Domain ◄				Logged in as <b>weblogic</b> Page Refreshed Mar 19, 2014 7/37/40 PM IST ₹2
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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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🗄 🛅 Metadata Repositories	Select the grantees (user, group	or application role) you want to ac	la to the policy.			
	👍 Add 🛛 💥 Delete					
	Name	Display Name	Type	Description		
	No users or groups added.	Add Principal				
			elect the application roles that you	want to grant permissions to.		
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		BIAdministrator	BI Administrator Role BI Author Role			
		BIAuthor BIConsumer	BI Consumer Role			
		BIReportViewer	FCUBS Consumer Role			
		ALLROLES	ALLROLES	ALLROLES		
		authenticated-role	Authenticated Role	ALLROLES		
		anonymous-role	Anonymous Role			
		anonymous-role	Anonymous Role			
				OK Cancel		

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

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Image: Image	ELCM121MAT WebLogic Domain				Page Refreshed	Logged in as infra Dec 10, 2014 4:15:06 PM IST 긴
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⊳ 🚞 Metadata Repositories	Name	Display Name	Туре	Description		
	ALLROLES	ALLROLES	Application Role	ALLROLES		
	Permissions					
	Permission Class		Resource Name		Resource Type	Permission Actions
	oracle.security.jps.ResourcePermiss oracle.security.jps.ResourcePermiss			er.runReportOnline er.accessReportOutput	oracle.bi.publisher.permission oracle.bi.publisher.permission	_al_
	uraue.security.jps.ResourcePermiss		orade.bi.publish	er.accesskeportOutput	oracie.co.publisher.permission	_all_



- 9) After getting information message like "A security added successfully",
  - 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.

ORACLE BI Publisher Enterprise	Search All	~	0	Administratio	n Help∨ ∫Sign	Out 📿
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Security Center • Security Configuration • Koles and Permissions • Digital Signature	Runtime Configuration     Properties     Font Mappings     Ourrency Formats					
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🖻 userrole_xml 🍵 📩 hostdsn_xml 🔭			_	÷	ihow all download	5 X



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

ORACLE BI Publisher Er	nterprise	Search Al	<u>~</u> (	)   Administration   Help ~   Sign Out 📿
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Expand     Expand     Connioad     Dehete     Oonnioad     Cont     Parts     Permsons     Berparts     Exports     Exports     Exports     Exports				



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.

	ner Enterprise	Search All	) Administration   Help ~   Sign Out
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Y     Y </td <td>V Location [Shared Fiders,FCReports      Tatio [Last Holded 3/13/14 1:28 PM   Created By weblog:     Open [Shared ] Jobs Jobs Hatron [Est   More-v     Tatio [Last Holded 3/13/14 1:26 PM   Created By weblog:     Est   More-v      Permissions</td> <td>ж</td> <td>0</td>	V Location [Shared Fiders,FCReports      Tatio [Last Holded 3/13/14 1:28 PM   Created By weblog:     Open [Shared ] Jobs Jobs Hatron [Est   More-v     Tatio [Last Holded 3/13/14 1:26 PM   Created By weblog:     Est   More-v      Permissions	ж	0
	Permission's Location /FCReports Permission to items within this folder Role Name Read Write Delet Heb		
Tasks     Tokeports     Formation     Source      Download     Copy     Cut	BI Consumer Role M BI Srystem Role Role Ronger Role	Selected Roles	
Paste 🙀 Rename	Hép	OK Cancel	



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.

ORACLE BI Publisher	Enterprise		Search <mark>All</mark>	<b>~</b>	Ø	Administration	Help ∽ ∣ Sign Out 📿
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II Di Tickeporks	Permissions Location /FCReports Appy permissions to items within this folder Kate Name Reser	d <sup>l</sup> Write	Delete Run Report Online Ist	hedule Report View Re	(M		
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•							
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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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ORACLE BI Pu	blisher Enterprise	Search All	🕖   Administration   Help 🗸   Sign Out 🧲
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File     LDAP Connect	ion	<ul> <li>Scheduler Diagnostics</li> <li>Report Viewer Configuration</li> </ul>	
<ul> <li>OLAP Connect</li> </ul>	ion		
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Delivery		Integration	
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• Fax • Email			
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FTP     CUPS Server			
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15. Please create the data source with data source name as FCSOA and use soa schema details to create the same.

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16. Add the FCIS roles to allowed Roles under security

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- 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 FCIS Schema and give the name as FCBIPBPEL



# 1.2.9 BAM Report Configuration settings

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

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#### 4. Click on Configuration Configuration $\rightarrow$ Save

ORACLE WebLogic Server Adm	ninistration Console 12c		Q
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dev_domain Environment	Save		
Deployments     Services     Security Realms	This page describes the configuration information	n that is currently defined in the deploymen	nt plan for the selected module or component.
⊕-Interoperability ⊕-Diagnostics	Session cookies max age (in seconds):	-1	The life span of the session cookie (in seconds) after which it expires on the client. The value '-1' indicates that the cookie will persist until the client's browser shuts down. More Info
	Session Invalidation Interval (in seconds):	60	The time (in seconds) that WebLogic Server walts between doing house-cleaning checks for timed-out and invalid sessions, and deleting the old sessions and freeing up memory. More Info
How do I E	Session Timeout (in seconds):	3600	The amount of time (in seconds) that a session can remain inactive before it is invalidated. More Info
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Health of Running Servers			Info
Faled (0)	Save		
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WebLogic Server Version: 12.1.3.0.0 Copyright (c) 1996,2014, Orade and/or its affiliates. All Orade is a registered trademark of Orade Corporation a	rights reserved. Ind/or its affiliates. Other names may be trademarks of their n	espective owners.	

5. Click on Overview→check the deployment plan location



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



Plan3.xml



7. Stop the BAM composer application in console.

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	8	E FCUBSAppIUT (12.1.0.0.0)		Active	Warning	Enterprise Application	soa_server1	600
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	8	S File Adapter		Active	🛩 ок	Resource Adapter	soa_server1	321
		III Coffervo		Installed		Enterprise Application		100
	. International Contraction of the second se	R Ftn Adapter		Active	🖌 ок	Resource	soa server1	325

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

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Next do L       State       Health       Ype       Targets       Deployment On         Initial an enterpres application       Addeter	- Diagnostics	Den	lovments								
pw do L       AdAdater       Active       Vok       Resource       324         Instal a netropose application       Configure an enterprise application       Configure an enterprise application       Solution       4 Cote       Vok       Resource       333         Deby Els modules       Enterprise application       Configure an enterprise application       Cote       Vok       Enterprise application       Solution       Solution       Solution       Solution       Solution       Solution       Vok       Enterprise application       Solution       Solution <td></td> <td></td> <td>0</td> <td>Delete Start v St</td> <td>op v</td> <td></td> <td></td> <td></td> <td></td> <td>Showing 1 to 47</td> <td>of 47 Previous   Nex</td>			0	Delete Start v St	op v					Showing 1 to 47	of 47 Previous   Nex
w do L       W howevee       Addree       W Addree <td< td=""><td></td><td></td><td>Name 🗠</td><td></td><td></td><td></td><td>State</td><td>Health</td><td>Туре</td><td>Targets</td><td>Deployment Order</td></td<>			Name 🗠				State	Health	Туре	Targets	Deployment Order
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stem status			■ BPMCompo	ser			Active	🖋 ок		soa_server1	385
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Otkcal (0)     Overlaaded (0)     Active     Image: Constraint of the constr	-		ScoherenceAda	pter			Installed				331
Waming (0)     Image: Bigg: Default ToDoTaskFow     Active     Image: Active of the Contraction of the	Critical (0)	8	DbAdapter				Active	🛩 ок		soa_server1	322
Adminiserver, bar_server, s	Warning (0)		■      ■     DefaultToD	oTaskFlow			Active	🛩 ок		soa_server1	314
	UK (3)	8	E OMS Applic	ation (12.1.3.0.0)			Active	🛩 ок			5

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



Change Center	🙆 Home Log Out Preferences 🔤 Record Hel	lo Q	Welcome, weblogic Connected to: dev_domain
View changes and restarts	Home >Summary of Deployments >BamComposer >Sum	mary of Deployments >BamComposer >Summary of Deploy	ments >BamComposer >Summary of Deployments
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Update Application Assistant Back Next Finish Cancel		
Domain Structure	Locate new deployment files		
dev_domain	You have elected to update the BamComposer : pdate this application in place with new option)	application. v deployment plan changes. (A deployment pla	n must be specified for this
Interoperability     Diagnostics	Deployment plan path: /scratch/app/fmw	v12c/Middleware/soa/bam/applications/plan/Plan3.xn	Change Path
	Redeploy this application using the follow	wing deployment files:	
	Source path: /scratch/app/fmw	v12c/Middleware/soa/bam/applications/BamCompose	r.ear Change Path
	Deployment plan path: /scratch/app/fmw	v12c/Middleware/soa/bam/applications/plan/Plan3.xm	Change Path
How do L E • Start and stop a deployed enterprise application	Back Next Finish Cancel		
Configure an enterprise application			
Create a deployment plan			
Target an enterprise application to a server			
<ul> <li>Test the modules in an enterprise application</li> </ul>			
System Status			
Health of Running Servers			
Failed (0)           Critical (0)           Overbaded (0)           Warning (0)           Ox (3)			

11. Select the latest plan.xml in the in the path $\rightarrow$ next $\rightarrow$ next $\rightarrow$ Finish

	ninistration Console 12c		Q
Change Center	🙆 Home Log Out Preferenc	es 🖂 Record Help	Welcome, weblogic Connected to: dev_domain
View changes and restarts	Home >Summary of Deployments	>BamComposer >Summary of Deployments >BamComposer >Summary of Deployments	>BamComposer >Summary of Deployments
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Update Application Assistant Back Next Finish	Cancel	
Domain Structure	Select a deployment plan.		
dev_domain	Select or enter a deployment	plan for this app. The file must exist and have a .xml extension.	
Deployments     Services	Path:	/scratch/app/fmw12c/Middleware/soa/bam/applications/plan/Pl	lan3.xml
Security Realms	Recently Used Paths:	/scratch/app/fmw12c/Middleware/soa/bam/applications/plan	
Interoperability     Diagnostics		/scratch/app/fmw12c/Middleware/soa/bam/applications /scratch/app/fmw12c/Middleware/soa/bam	
		/scratch/work_area/DEV/ear_stageing	
	Current Location:	ofss2221222 / scratch / app / fmw12c / Middleware / soa / bam / applicat	ions / plan
	<ul> <li>Plan.xml</li> <li>Plan3.xml</li> </ul>		
How do I E	Back Next Finish	Cancel	
<ul> <li>Start and stop a deployed enterprise application</li> </ul>			
Configure an enterprise application			
Create a deployment plan			
<ul> <li>Target an enterprise application to a server</li> <li>Test the modules in an enterprise application</li> </ul>			
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 affiliates. Al Oracle is a registered trademark of Oracle Corporation :		e trademarks of their respective owners,	



<u>.</u>							
	dministratio	n Console 12c					9
Change Center	🔒 Ho	ome Log Out Preferences 📐 Record Help	Q		Wek	come, weblogic	Connected to: dev_dor
View changes and restarts		>Summary of Deployments >BamComposer >Summa	ry of Deployments >BamComposer >Summary of	Deployments >Ba	mComposer >Su	mmary of Deployn	nents
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.		ges II changes have been activated. No restarts are elected Deployments were updated.	e necessary.				
Domain Structure	Summa	ary of Deployments					
der_domain	Contr This start To in	Monitoring page displays a let of Java EE applications and ied, stopped, updated (redeployed), or delete stall a new application or module for deploym	d from the domain by first selecting the ap	plication name a			
		tomize this table oyments tall Update Delete Starty St	00 ¥			Chausing 1 to 47	of 47 Previous   Next
How do I 🖂		Name A	Stat	e Health	Туре	Targets	Deployment Order
<ul> <li>Install an enterprise application</li> </ul>		name 🗸	Stat	e nearch		rargets	Deployment order
Configure an enterprise application		🐼 AqAdapter	Activ	е 🖋 ОК	Resource Adapter	soa_server1	324
<ul> <li>Update (redeploy) an enterprise application</li> <li>Start and stop a deployed enterprise application</li> </ul>		🗷 📑 b2bui	Activ	е 🗸 ок	Enterprise Application	soa_server1	313
Monitor the modules of an enterprise     application		⊞ 📑 BamComposer	Prepa	ared 🖋 OK	Enterprise Application	bam_server1	500
Deploy EJB modules     Install a Web application		BamCQService	Activ	е 🗸 ОК	Enterprise Application	bam_server1	300
System Status		BamServer	Activ	е 🗸 ок	Enterprise Application	bam_server1	400
Health of Running Servers		BPMComposer	Activ	е 🗸 ОК	Enterprise Application	soa_server1	385
Failed (0) Critical (0)		oherence-transaction-rar	Activ	e 🗸 OK	Resource Adapter	AdminServer, bam_server1, soa_server1	100
Overloaded (0) Warning (0)		ScoherenceAdapter	Insta	led	Resource Adapter		331
OK (3)		DbAdapter	Activ	e 🗸 OK	Resource Adapter	soa_server1	322
		The fault To Do Task Flow	Activ	е 🖌 ОК	Enterprise	soa server1	314

12. Restart the BAM Composer application in the console

	inistration Console 12c	
Change Center	😰 Home Log Out Preferences 🖂 Record Help	Welcome, admin Connected to: AlphaDon
View changes and restarts	Home >BamComposer >Summary of Deployments >BamComposer >Summary of Deployments >BamCom Deployments >/bam/composer >Summary of Deployments	poser >Summary of Deployments >Summary of Servers >Summary of
Configuration editing is enabled. Future	Messages	
changes will automatically be activated as you modify, add or delete items in this domain.	Selected Deployments have been requested to stop.	
Domain Structure	Summary of Deployments	
AlphaDomain	Control Monitoring	
Servers		
E-Clusters	This page displays a list of Java EE applications and stand-alone application modules that have bee	n installed to this domain. Installed applications and modules can be started, stopped, updated
Coherence Clusters	(redeployed), or deleted from the domain by first selecting the application name and using the con	
Machines	To install a new application or module for deployment to targets in this domain, click the Install butt	N6
Virtual Hosts E	To install a new application or module for deployment to targets in this domain, clock the sistal but	21
Startup and Shutdown Classes		
Deployments	Customize this table	
B-Services	Baskamata	
Security Realms	Deployments	
Interoperability     The Diagnostics	Install Update Delete Start v 3cp v	Showing 1 to 48 of 48 Previous   Next
	Servicing all equests	
How do I	Name      Servicing only administration requests	State Health Type Targets Deployment Order
<ul> <li>Install an enterprise application</li> </ul>	AqAdapter	Prepared VOK Resource SOAServer 324
Configure an enterprise application	2 Martinetter	Prepared V OK Adapter SOAServer 324
Update (redeploy) an enterprise application	📰 🗄 mababui	Prepared VOK Enterprise SOAServer 313
<ul> <li>Start and stop a deployed enterprise application</li> </ul>		Application 30Ade Ven 313
Monitor the modules of an enterprise		Prepared VOK Enterprise Application BAMServer 500
application		
Deploy EJB modules	BamCQService	Active CK Enterprise Application BAMServer 300
<ul> <li>Install a Web application</li> </ul>		Active VOK Enterprise BAMServer 400
	BamServer	Active CK Application BAMServer 400
System Status 😑	Reproduction	Active VOK Enterprise SOAServer 385
Health of Running Servers		Active Vok Application SUAServer 303
Faled (0)	Coherence-transaction-rar	Active VOK Resource AdminServer, BAMServer, 100
Critical (0)		Adapter SOAserver
Overloaded (0)	CoherenceAdapter	Installed Resource 331
Warning (1)		Adapter
OK (2)	BobAdapter	Active CK Resource Adapter SOAServer 322
	B DefaultToDoTaskFlow	Active VOK Enterprise Application SOAServer 314
	B      DMS Application (12.1.3.0.0)	Active CK Web Application AdminServer, BAMServer, 5
		SUASEIVER

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



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

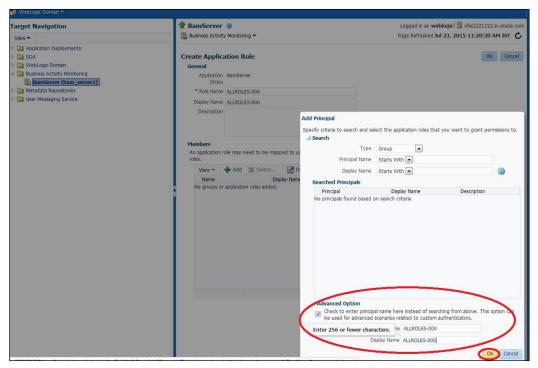
Contraction C	ntrol 12c	👥 webbgic - 🔘
Target Navigation	The BamServer (1)	Logged in as <b>weblogic</b> 🗐 ofss2221222.in.oracle.com
View 🕶	Business Activity Monitoring 🔻	Page Refreshed Jul 23, 2015 11:17:31 AM IST 💍
	Application Roles Application roles are the roles used by security aware applications that are spec global poley store when the applications are registered. These are also applicat application. To manage uses and groups in the WebLogic Domain, use the <u>Oracle WebD</u> Poley Store Provider Scope: WebLogic Domain Provider: LDAP Location jBioL/OpsDitatSource pleaton Poles Role Name No application roles found. Pole Name No application roles found.	tion roles that are created in the context of end users accessing the

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

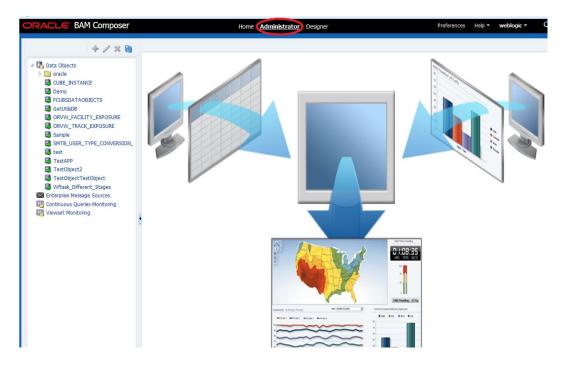
ORACLE Enterprise Manager Fusion Middleware Control	rol 12c	👥 weblogic 🕶 🔘
📑 WebLogic Domain 🕶		
Target Navigation	BamServer      0     Business Activity Monitoring      ▼	Logged in as <b>weblogic</b> 📗 ofss2221222.in.oracle.com Page Refreshed <b>Jul 23, 2015 11:20:30 AM IST 🎸</b>
<ul> <li>▷ Application Deployments</li> <li>▷ OA</li> <li>▷ WebLopic Domain</li> <li>▷ Business Activity Monitoring</li> <li>▷ Busine</li></ul>	Create Application Role General Applcation BamServer Stripe * Role Hame: ALLROLES-000 Display Name: ALLROLES-000 Description 	
	Name Display Name No groups or app Add roles added.	Туре



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



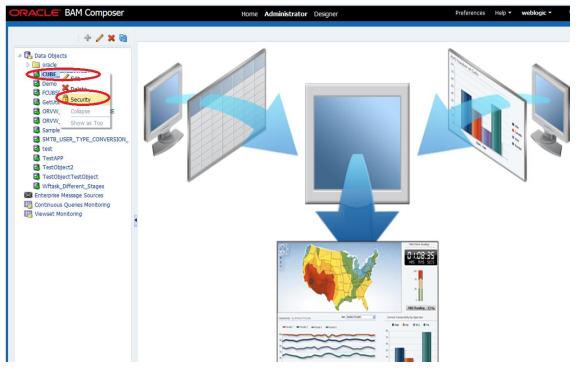
17. Login to BAM Composer → <u>http://hostname:port/bam/composer--</u>> Click on Administrator.



18. Go to Data Object→Right Click on CUBE\_INSTANCE→Security



1-56



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

ORACLE BAM Composer		Home	e Admin	<b>istrator</b> Designer	Preferences	Help 🔻	weblo	gic 🕶
+ / × @	GetUtilsDB (Security) >	1						3 🖬
Data Objects Oracle Ouracle Ouracle Ouracle Ouracle Oracle OcuseDatAOBJECTS GetUIBEDB ORVW_FACILITY_EXPOSURE ORVW_TRACK_EXPOSURE Sample Sample Sample Sample TestObject2 TestObject3 TestObject2 TestObject2 TestObject3 TestObject2 TestObject2 TestObject3 TestObject3 TestObject3 TestObject3 TestObject4 TestObject4 TestObject4 TestObject4 TestObject3 </td <td colspan="7">G Security       Full Name     /dataobject/GetUtisD8       Owner Type     USER       Owner Name     weblogic</td> <td>Save</td>	G Security       Full Name     /dataobject/GetUtisD8       Owner Type     USER       Owner Name     weblogic							Save
	1. Grant permission         View *       *       Detach         Role Name       Read       Write         BAMArchitect       Ø       Ø         BAMContentCreator       Ø       Ø         BAMContentViewer       Ø       Ø			Add Application Roles, Groups and Users Name Le Application Role Search Available Hembers PROVIDE Application Role Revealed Application Role Reveale				
	2. Deny Permission View - + * * Role Name No data to display	Detach Read	Write	OK Cancel				



20. Move the ALLROLES-000 to Selected members.

RACLE' BAM Composer	Home Administrator Designer Preferences	Help ▼	weblog	lic 🕈
🕂 🥒 🗙 💀	GetUtilsDB (Security) ×	()	62	Save
CUBE_INSTANCE  CUBE_INSTANCE  Demo CUBSDATAOBJECTS  CUBSDATAOBJECT	Full Name /dataobject/GetUtibDB Owner Type USER Owner Name weblogic			
ORWUFACILITY_EXPOSURE     ORWUFACILITY_EXPOSURE     Smite     Smite     Smite     Smite     TestObject2     TestObject2     TestObject2     Witask_Different_Stages     Tenterprise Message Sources     Controus Queres Montoring     Vewset Montoring	1. Grant permission       Add Application Roles, Groups and Users         View       View       Detach         Role Name       Read       Write         StaMarchitezt       View       View         StaMarchitezt       View       View         StaMarchitezt       View       View         StaMarchitezt       View       Selected Members         Selected Members       Selected Members       ALIROLES-000         Selected Members       Selected Members       Selected Members         Selected Members       Selected Members       Selected Members		×	
	Z. Deny Permission     OK     Cancel       Vew ~ + X     Cancel     Cancel       Role Name     Read     Write       No data to deplay			

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

RACLE BAM Composer		Но	me Administra	tor Designer			Preferences H	elp • weblogic •
+ / 🗙 🗟	GetUtilsDB (Security) ×	:						3
Data Objects	Becurity							1) 🕅 🤇
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ORVW_FACILITY_EXPOSURE	1. Grant permission							
Sample		Detach						
SMTB_USER_TYPE_CONVERSION_	Kole Name	Read	Write	Remove	Select	Delete	Update	Security
🗟 test	BR ALLROLES-000							
TestAPP	BAMArchitect	<b>V</b>					N.	
TestObject2	BAMContentCreator	<b>V</b>			$\checkmark$			
TestObjectTestObject	BAMContentViewer	<b>V</b>						
Wftask_Different_Stages								
Enterprise Message Sources Continuous Queries Monitoring Viewset Monitoring								
	2. Deny Permission View • 4 X	🛃 Detach						
	Role Name	Read	Write	Remove	Select	Delete	Update	Security
	No data to display							

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 <b>+ weblogic +</b>
FCUBS_BAM_Report	Dashboard or A   Dusiness View   What do you want to cred Dashboards and Alerts   Dashboards and Alerts   Dashboards are composed of one or more views   Create one   Alerts are notifications based on KPIs, Queries, or Pol Create one	

24. Click on FCUBS\_BAM\_report

CUBS_BAM_Report I         Cubs_BaM_Report I         Cubs_Bames Queries         Notes         Business Queries         Report S         Cubs_Bahmanders         Parameters         Cubs_Bahmander         Cubs_Bahmand	ORACLE' BAM Composer	Home Administrator Designer	Preferences Help <b>+ weblogic +</b>
D Queries, or Pattern Matches	FCUBS_BAM_Report =)	Open Project     ×       Select the project to open     >       Das     FCUBS_BAM_Report       IP     Process Analytics       IP     TestApp_2204       ID     more vi	create?



25. Click on FCUBS\_BAM\_Report → Security

ORACLE' BAM Composer	Home Administrator <b>Designer</b>	Preferences Help <b>• weblogic •</b>
CCUBS BAM_Report CCUBS BAM_Report Create Create Delete De	Dashboard or Al Business View What do you want to create? Dashboards and Alerts	Data
ł	Dashboards are composed of one or more views         Create one         Alerts are notifications based on KPIs, Queries, or Pattern Match         Create one	es

26. Click on ADD button Under Grant Permission.

ORACLE' BAM Composer	Home Administrator <b>Designer</b> Prefer	rences Help • weblogic •
FCUBS_BAM_Report = Compared by the second s	FCUBS_BAM_Report (Security) ×	3 🛛
	🖞 Security	i 🖓 Save
	Full Name         /project/FCUBS_BAM_Report           Owner Type         USER           Owner Name         weblogic	
D Alerts	1. Grant permission	
Parameters	View - Opx Detach	
	Role Name Add Application Roles, Groups and Users	
	🚯 BAMContentViewer 🗹 🔲 🛄	
	2. Deny Permission	
	View 🔻 💠 💥 🚮 Detach	
	Role Name Read Write Remove Security No data to display	



ORACLE' BAM Composer		Home Ad	lministrator <b>Desi</b>	gner		Preferences	Help 🔻	weblo	gic •	C
FCUBS_BAM_Report 🗷	FCUBS_BAM_Report	(Security) $_{\times}$							3 🛛	•
<ul> <li>Coss_order_coport ≥</li> <li>Coss_o</li></ul>	Owner Type USE Owner Name web 1. Grant permission	Detach	11/20-2	Remove I	Security		•	<u>61</u>	Save	
										ļ
	2. Deny Permission	Detach								
	Role Name	Read	Write	Remove	Security					1
	No data to display									

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) S
🗅 🕂 / 💥 🔂	G Security		i	Save Save
<ul> <li>▷ Ota Objects</li> <li>▷ Business Queries</li> <li>○ KPIs</li> <li>▷ Susiness Views</li> <li>▷ Susiness Views</li> <li>▷ Susiness Views</li> </ul>	Fuil Name /project/FCUBS_BAM_Report Owner Type USER Owner Name webiogic			
Alerts ▶ Image Parameters	1. Grant permission			
	Add Application Roles, Groups and Users × Name Application Role Selected Members BMArchtect BMArchtect ALIROLES-000  CK Cancel			



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

ORACLE BAM Composer	Home Administrator Designer	Preferences H	elp • weblogic • C
FCUBS_BAM_Report 💌	FCUBS_BAM_Report (Security) ×		3 🛛 -
C	Security           Full Name         /project/FCUBS_BAM_Report           Owner Type         USER           Owner Name         webiogic		Save
Alerts ▷  Parameters	1. Grant permission		
	Add Application Roles, Groups and Users × Name Lat: Application Role Search Available Members BMMrchitect BMMrchitect BMMrchitect W W W W W W W W W W W W W W W W W W W		
ofs22212222404/bam/composer/faces/designer#			

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

ORACLE BAM Composer		Home	Administrator D	esigner		Preferences	Help 🔻	weblogic 🝷
FCUBS_BAM_Report 💌	FCUBS_BAM_Re	port (Security) ×						(2) S
	Becurity						i	👌 Save
<ul> <li>Data Objects</li> <li>Business Quaries</li> <li>KPIs</li> <li>Business Views</li> <li>Dashboards</li> </ul>	Full Name Owner Type Owner Name	/project/FCUBS_BA USER weblogic	.M_Report					
Alerts ▷ Imiliar Parameters	1. Grant perm	ission						
		🗙 🛃 Detach						
	Kole Name	Read	Write	Remove	Security	$\mathbf{>}$		
	Contraction of the second			<b>V</b>				
	BAMConten							
	2. Deny Permi							
		🗙 🛃 Detach						
	Role Name	Read	Write	Remove	Security			
	No data to displ	97						



### 1.2.10 IPM configuration to edit the document

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

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

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

Change Center	Home Log Out Preference	Record Help	Welcome, weblogic Connected to: IPM_domain
View changes and restarts	Home		
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Settings for myrealm Configuration Users and C	roups Roles and Policies Credential Mappings Providers Mgration	
Domain Structure	Users Groups		
IPM_domain BD-Environment COeployments BD-Services County Realms PD-Interoperability	This page displays information	about each group that has been configured in this security realm.	
Diagnostics	Groups		
	New Delete		Showing 1 to 10 of 568 Previous   Next
	🔲 Name 🗇	Description	Provider
	AC-BATCH	Accounting Batch Operations	Fcubs
	AC-REPORTS	Accounting Reports	Fcubs
How do I	AC-RPT	Accounting Reports	Fcubs
Manage users and groups	ADMIN	Admin	Fcubs
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	Fcubs
	AE-MAINT-IN	AEOD Maitenance	Fcubs
System Status	AEOD-RPT	AEOD Reports	Fcubs
Health of Running Servers	AEOD-STB	Accounting Reports	Fcubs
Failed (0)           Critical (0)           Overloaded (0)           Warning (0)           OK (3)	New Delete		Showing 1 to 10 of 568 Previous   Next

• 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"

	Administration Console	Q								
Change Center	🔒 Home Lag Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: IPM_domain								
View changes and restarts	Home									
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Create a New Group           OK         Cencel									
Domain Structure IPM_domain IPM_domain IP_Tenvironment IP_Deployments IP_Services IP_Servi	Group Properties The following properties will be used to identify your new Group. * Indicates required fields									
Security Realms     Interoperability	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 💌									
Modify groups	OK Cancel									
Delete groups										
Create users     Manage users and groups  System Status										
Health of Running Servers										
Failed (0) Critical (0) Overloaded (0) Warning (0) OK (3)										
WebLogic Server Version: 10.3.6.0 Copyright © 1996, 2011, Oracle and/or its affiliates. All Oracle is a registered trademark of Oracle Corporation	Il rights reserved. n and/or its affiliates. Other names may be trademarks of their respective owners.									

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

ORACLE WebCenter Content: Imaging	
	Sign In
	User ID
	Password
	Sign In
Copyright (c) 2010, 2013 Oracle and/or its affiliates. All rights reserved.	Privacy Statement



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

ORACLE WebCenter Content:	: Imaging	Logged in as weblagic   Help   Refresh   Preferences   Logent   About
े कि Soundres LEEL_D ये 🖉 Tools ये पुणे Tools ये पुणे Tools ये प्रिसायक Soundres प्रार्थ प्रिया के Applications	ELEXCUTE: Application Summary EGeneral Properties Automate 3 Application Structure Texture Texture Texture Construct Tex	🖌 fudr. <mark>1</mark> t been 🗃 Co
N [2] Managa Inputs N [2] Managa Connections N [2] ← Managa Connections	Table Series     Description       Table Series     Default Series       Table Series     Defau	
Copyright (c) 2010, 2015 Oracle and/or its affiliates. All right		

- 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 Content:	Imaging	Lagged in as weblogic   Help   Refresh   Preferences   Lagout   About
ම මි Searches USB ුර	Create Applications: Adjustment from the front second seco	Coord Bock Rest Salert
D ∯ Tools D G Manage Searches 3 USEN_D	Setter (Source Treater         View         Wira         Data (and a contract and contract and a contract and a contract and contract a	
E 15 Manupe Applications 3	Marchard Mandel     Image: Control of the control of th	
Copyright (c) 2010, 2015 Oracle and/or its affiliates. All right		Privacy Statement

- 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 Content:	Imaging						Logged in as	weblogic   Help   Re	efresh   P	references   Logout   /	
🗉 🎦 Searches	USER_ID: Search Summary									Modify 🗙 Delete	
USER_ID	ooen_ion ocaren ouninary									a been	
	□ Properties										
	Search Name USER ID										
	Description										
🗉 🖗 Tools	Instructions										
🗆 🔍 Manage Searches 🛛 🔄	Maximum Search Results 0										
USER ID											
	Results Formatting										-
	Source Application DOCID	Document Cre Date	ation Do By	cument Created	Documer	nt Batch Id	Document Id				
	FLEXCUBE DOCID	Document Cre	atio Do	cument Created.	Documer	nt Batch Id	Document Id				
	© Conditions										
	Application: FLEXCUBE										
	( Field Opera Document Created Conta		alue	Document Creat	1.0				)	Conjunction	
ł	Parameters		-	fault Value	_	icklist					-
	Parameter Name Prompt Text Document Created Document Created	Operator Text	De	rauit value	м	rckist	Required	Read Only			
	Security										_
	Type Security Member	View	Modify	Delete	Grant Access						
	Administrators	~	~	~	~						
	IPMUserGroup	×									
	□ Audit History								_		
	Date Type	User Name									
	7/2/2014 Definition Create 7/4/2014 Definition Modify	ARU1 weblogic									
	7/4/2014 Definition Modify	weblogic									1
🗉 🖻 Manage Applications	7/4/2014 Definition Modify	weblogic									
🗉 🕎 Manage Inputs	7/4/2014 Definition Modify 7/4/2014 Definition Modify	weblogic weblogic									
🗉 📴 Manage Connections	7/4/2014 Definition Modify	weblogic									
🗄 💝 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
E Bearches USER_D	Properties Results Formatting Conditions Parameters Security Preview and Test. Review Settings USER_ID: Search Security Provide security pills for the search. Securit View in you have finished with search security.  Add Copy & Remove	Cancel Back Negt Schweit
🗉 🖉 Tools	Type Security Member View Modify Delete Grant Access	
Manage Searches     Searches	Image: Administrators     Image:	
B 중 Manage Applications B 중 Manage Inputs B 등 Manage Connections B 등 Manage Security	Add Security Hember       Image: Construction of the "oth security is a security of the security is a security of the security of the security is a security of MM's is full security for security, security for MM's is full security and members.         Security Member       Image: Construction of the "oth security is a security of MM's is full security is a security of MM's is full security for the securi	

9) Copy the FCBPELCIS.jar to location

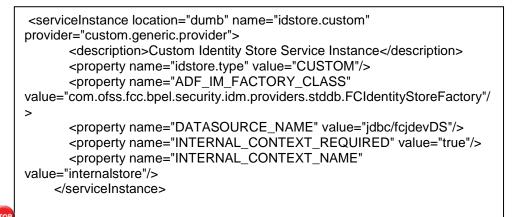
<ORACLE\_HOME >\user\_projects\domains\<domian name>\lib

- 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"</serviceprovider 
name="custom.generic.provider" type="IDENTITY_STORE">
<pre><description>DB IdentityStore Provider</description></pre>



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



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

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

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



## 1.2.11 Configuring Superviser Roles in EM

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

	Manager Fusion Mic	fleware Control 12c 🗮 WebLogic Domain 🔻 🛛 we	blogic 🔻 🚥
Target Navigation		Mar 21, 2016 12	:30:59 PM IST 👈
Home Home Home Logs SOA Deployment Manage Partitions Work Manager Groups Resequencing Groups Service Engines Bindings	▶ 0] > > 5 (10)	Is that are specific to the application. These roles are seeded by applications in single global policy store when the applications are registered sing the application.  e Oracle WebLoaic Server Security Provider:  application. Use application stripe to search if application uses a stripe that is different from application name.  Description Description	These are also
Services and References Business Events SOA Administration	•		
Security	Application	olicies	
Administration Target Sitemap	Application	oles	
Target information           +12         CRDCProcess [1,1]           +12         create CorporateOu           +12         createCorporateOu           +12         createCurporateOu           +12         createOutputs[1,0]           +12         DEUtility [1,0]           +12         DEUtility [1,0]           +12         DEUtility [1,0]           +12         DEUtility [1,0]           +12         DEUtility [2,0]           -14         COCVerseese (1,0]	stomer [2.0] stomer [3.0] stomer [3.1]		



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oplicat	tion Roles								
oplication re	oles are the roles u					application. These roles are seeded by applications in single global policy store when the applications are reg	jistered.	These are a	
	oles that are created to users and groups					ver Security Provider.			
	Store Provider	-							
	Nore i rovider								
Search									
nter search	h Keyword for role na	ame to query role	es defined by this	application. Use	applica	ation stripe to search if application uses a stripe that is different from application name.			
	Role Nam	e Starts With	-						
View 💌	Create	👫 Create Like	e 🖋 Edit	🗙 Delete	Searc	h application roles	E <b>₽</b>	Detacl	
Role N			Display Name			Description			
default_Composer			Composer for the Default Partition			A composer is responsible for making changes to composite artifacts, such as business rules in a business			
	_Deployer			yer for the Default	t P	A deployer is responsible for deploying new applications, upgrading existing applications, and managing the			
default_Tester			Tester for the Default Partition			A tester performs integrated black box testing on preproduction systems. A system tester typically runs tests u			
_	_ApplicationOperato			tor for the Default	Pa	An application operator is responsible for handling customer complaints and making decisions on requests t			
	_Monitor		donitor for the De			A default partition monitor is responsible for ensuring the successful operations of the deployed applications			
	wareOperator		SOA MiddleWare			A middleware operator is responsible for ensuring operational continuity. A middleware operator is also the m			
	wareAdministrator		30A Middleware A	Administrator		A middleware administrator is responsible for ensuring the continuous availability of the middleware servers,	but is no	ot always res	
SOAAdr			SOA Admin Role			SOA application admin role, has full privilege for performing any operations including security related			
SOAOp			SOA operator Rol			SOA application operator, for common operational tasks like start, stop, monitor, backups			
SOAMo			SOA Monitor Role			SOA application monitor role, has read-only privileges for monitoring			
		SOA Audit Admin Role SOA Audit Viewer Role			SOA audit administrator role, can perform audit configuration and administration				
	orkflowAdmin					SOA audit viewer role, can view audit records			
				stem Admin Role		BPM Workflow Administrator Application Role			
BPMWorkflowCustomize BPMAGAdmin			BPM Workflow Customize Role BPM Activity Guide Admin Role			BPM Workflow Customize Application Role BPM Activity Guide Administrator Application Role			
	ganizationAdmin		3PM Activity Guide 3PM Organization			BPM Activity Guide Administrator Application Role BPM Organization Administrator Application Role			
Brinoig	ganizationAurini	5	or wi organization	Adminitore		Brin organization Administration Application Role			

### 2. Search the Application Roles with "Starts with" option.



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

	CLE <sup>®</sup> Ent	erprise Manag	er Fusion Middl	eware Control	12c	🖺 WebLogic Domain 🔻 🛛 weblogic 🔻
	soa-infra 🕦 SOA Infrastructu	re 🔻				Mer 21, 2016 12:30:59 PM IST
nnlicati	ion Roles					
••		used by security a	ware application	s that are sne	rific to the	application. These roles are seeded by applications in single global policy store when the applications are registered. These are also
oplication ro	oles that are crea	ted in the context of	end users acce	ssing the appl	ication.	
To manage	e users and grou	ps in the WebLogic	Domain, use th	e <u>Oracle Web</u>	Logic Se	ver Security Provider.
Policy St	tore Provider					
Search						
nter search	keyword for role	name to query role	s defined by this	application. U	se applio	ation stripe to search if application uses a stripe that is different from application name.
	Role Na	me Starts With	•		•	
					-	
View <b>v</b>	Create	E Create Like	🖉 Edit	X Delete.	-	E Detach
1			Edit	the selected ap	plication	role
Role Name Display Name					Description	
default_0	Composer	c	Composer for the Default Partition			A composer is responsible for making changes to composite artifacts, such as business rules in a business process, security poli.
default_[	Deployer	C	Composite Deployer for the Default P			A deployer is responsible for deploying new applications, upgrading existing applications, and managing the continuous integratio.
default_1	Tester	Ţ	Tester for the Default Partition			A tester performs integrated black box testing on preproduction systems. A system tester typically runs tests using a combination of
default_ApplicationOperator			Application Operator for the Default Pa			An application operator is responsible for handling customer complaints and making decisions on requests that result in faults in t.
default_!	Monitor	M	Monitor for the Default Partition			A default partition monitor is responsible for ensuring the successful operations of the deployed applications on the default partition
Middlew	areOperator	s	SOA MiddleWare Operator			A middleware operator is responsible for ensuring operational continuity. A middleware operator is also the main point of contact w.
Middlew	areAdministrator	s	SOA Middleware Administrator			A middleware administrator is responsible for ensuring the continuous availability of the middleware servers, but is not always resp
SOAAdmin			SOA Admin Role			SOA application admin role, has full privilege for performing any operations including security related
SOAOperator			SOA operator Role			SOA application operator, for common operational tasks like start, stop, monitor, backups
SOAMon	nitor	s	OA Monitor Role			SOA application monitor role, has read-only privileges for monitoring
SOAAudi	SOAAuditAdmin SOA Audit Admin Role S			Role		SOA audit administrator role, can perform audit configuratoin and administration
SOAAudi	SOAAuditViewer SOA Audit Viewer Role			Role		SOA audit viewer role, can view audit records
BPMWor	BPMWorkflowAdmin BPM Workflow System Admin Role			tem Admin R	ole	BPM Workflow Administrator Application Role
BPMWorkflowCustomize			BPM Workflow Customize Role			BPM Workflow Customize Application Role
BPMAGAdmin			BPM Activity Guide Admin Role			BPM Activity Guide Administrator Application Role
BPMOrganizationAdmin			BPM Organization Admin role			BPM Organization Administrator Application Role
						SOA Designer

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

ORACLE' Enterprise Manager Fusion Middleware Control 12c	blogic 🔻	
t soa-infra e SoA infrastructure - Mer 21, 2016 12	2:34:21 PM	IST 🕹
Edit Application Role : SOAAdmin	ОК	Cancel
Role (or Enterprise Role) is the group of users designed at the enterprise level and typically used to assign a privilege or permission. A role can also contain other roles as members. General		
Application Stripe soa-infra		
Add Principal Role Name St		
Specify criteria to search and select the application roles that you want to grant permissions to.		
a search		
re Type Group		
Principal Name Starts With 💌		
Members An application role may nee Display Name Starts With		
View 💌 🚽 Add Searched Principals		
Name View v 💮 Detach pe		
Administrators Principal Display Name Description		
No search conducted		
Advanced Option  Check to enter principal name here instead of searching from above. This option can be used for advanced scenarios related to custom authenticators.		
Creck to ener principal name nere instead or searching nom above, this option can be used to advance use nations fetaled to distom authemicators.		
OK Cancel		



5. Provide the principal name as (EX:ALLROLES-000) Param\_val which is mapped to the OR\_ADMINROLE in the cstb\_param table and search the role.Click on ok.

	terprise Manager Fusion M	iddleware Control 12c		🔚 WebLogic Domain 🔻 🛛 weblogic 💌 🚥
te fooa-infra o				Mar 21, 2016 12:34:21 PM IST 👈
Edit Application R Role (or Enterprise Role) is the General		e enterprise level and typically	rused to assign a privilege or permission. A role can also contain other rol	OK Cancel
Application Stripe soa	a-infra			
	Add Principal			
	Specify criteria to search and se Search	lect the application roles that	you want to grant permissions to.	
Description S( pe re		Type Group	•	
		Principal Name Starts W	ith ALLROLES-000	
Members An application role may nee		Display Name Starts W	ith 🔽	
View View Add	Searched Principals		Search roles	
Name	View v Detach			/pe
Administrators	Principal	Display Name	Description	roup
	ALLROLES-000		ALLROLES-000	
	Advanced Option			
		me here instead of searching	from above. This option can be used for advanced scenarios related to cu	stom authenticators.
				OK Cancel
.0.184.133.168:7401/em/faces/as/	/security/editAppRole?type=oracl	e_soainfra⌖=/Domain_s	oa_domain/soa_domain/soa_server1/soa-infra#	

6. Click on Ok .



### 1.2.12 Email Driver Configuration

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

ORACLE' Enterp	rise Manager Fusi	on Mic
📲 WebLogic Domain 🔻		
Target Navigation		1
View 🔻		â.
<ul> <li>Application Deployments</li> <li>SOA</li> <li>WebLogic Domain</li> <li>Business Activity Monitor</li> <li>Metadata Repositories</li> <li>User Messaging Service</li> <li>usermessagingdriver</li> </ul>	ing	En Tř
Lisermessagingdi           Lisermessagingserve           Lisermessagingserve           Lisermessagingserve	Home Control	•
	Logs Performance Summary	-
	Email Driver Properties System MBean Browser	
-	Target Information	

16. .Enter the sender Address and default sender address (This id will be used as sender address).



17. .Enter the supported protocols (SMTP)

CRACLE Enterprise Manager Fus     WebLogic Domain	ion Middleware Control 12c				👥 weblogic 🔻 🔘
Target Navigation View •	tion was the state of the state				cl 📃 ofss2221222.in.oracle.com , 2015 11:09:57 AM IST 🖒
Application Deployments  SOA  SOA  Build Soa  Build Comain  Build Soa Chivity Monitoring  Comain  Co	Edit Driver Propertie				OK Cancel
Metadata Repositories	Name	FCUBS121	Supported Protocols	SMTP	
User Messaging Service usermessagingdriver-email (bam_server 1)	Driver Type	User Messaging Email Driver	Supported Carriers		)
usermessagingdriver-email (bam_server1)		Domain		O Use Sender Addresses	
usermessagingserver (bam_server 1)	Configuration Level	Cluster Cluster Name	Sender Address		
Server 1)	Supported Delivery Types	EMATI		Ouse Default Sender Address	
		SEND, RECEIVE		EMAIL:xxx@xxx.xom	
	Supported Content Types	•	Cost	:	
		DELIVERY_TO_GATEWAY_SUCCESS,	Speed	•	
		DELIVERY_TO_GATEWAY_FAILURE,		Supports Cancel	
		USER_REPLY_ACKNOWLEDGEMENT_SUCCESS, USER_REPLY_ACKNOWLEDGEMENT_FAILURE		Supports Replace	
		USBCICE ET_ACTIONEEDCEMENT J ALEXCE		Supports Status Polling	
				Supports Tracking	

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

4	Driver-Specific Configurat	tion				
	Name	Description	Mandatory	Encoded Credential	Value	
		E-mail receiving protocol. The possible values are IMAP and POP3.			IMAP	
		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	III
	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				-

- 19. Enter the Receive folder in the mailbox (INBOX)
- 20. Enter the Outgoing mail server hostname or IP
- 21. .Enter the outgoing mail server port
- 22. .Enter the outgoing default from address



23. Enter the Outgoing user name and password if required

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

24. Navigate to SOA Administration ->Workflow Properties

		usion Middleware Contro	12c	👥 weblogic 👻 🔘
WebLogic Domain	n	<b>1 soa-infra</b>	.v	Logged in as weblogic 📴 ofss2221222.in.orade.com Page Refreshed Jun 11, 2015 11:15:16 AM IST 🖒
<ul> <li>Application Depl</li> <li>SOA</li> <li>Soa-infra '</li> <li>WebLogic Don</li> <li>WebLogic Don</li> <li>Business Activ</li> <li>Wetadata Reg:</li> <li>User Messagir</li> <li>User Messagir</li> <li>usermessa</li> <li>usermessa</li> <li>usermessa</li> <li>usermessa</li> <li>usermessa</li> <li>usermessa</li> <li>usermessa</li> </ul>		Workflow Notif Before configuring t * Notification Mod Notification Serv		
	Services and References Business Events		To Address ggg@ggg.com	
	SOA Administration Security Administration Target Information	Common Properties BPEL Properties BPMN Properties Mediator Properties	icaton Configuraton Properties	
		Workflow Properties B2B Server Properties Cross References Token Configurations Auto Purge		

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



## 1.2.13 TimeOut Settings for BPEL

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

🗲 🛞 10.184.135.218:7001/console/console.	portal?_nfpb=true&_pageLabel=HomePage1	⊽ ℃	<mark>8</mark> <del>▼</del> Google	م	☆ 🖻	•	î î	≡
	dministration Console 12c						Ç	Ď
Change Center	🟦 Home Log Out Preferences 🔤 Record Help	Q		Welcome, adm	in Conn	nected to	AlphaDom	ain
View changes and restarts	Home >AlphaDomain >Summary of Servers >AlphaDomain	>Summary of Servers >Summary of Deployments >soa-infra >8	BPELEngineBean					
Configuration editing is enabled. Future	Home Page							
changes will automatically be activated as you modify, add or delete items in this domain.	- Information and Resources							-
Domain Structure	Helpful Tools	General Information						
AlphaDomain	Configure applications	<ul> <li>Common Administration Task Descriptions</li> </ul>						
Environment	<ul> <li>Configure GridLink for RAC Data Source</li> </ul>	<ul> <li>Read the documentation</li> </ul>						
Servers Clusters	Configure a Dynamic Cluster	<ul> <li>Ask a question on My Oracle Support</li> </ul>						
Coherence Clusters	Recent Task Status							
Machines Virtual Hosts	<ul> <li>Set your console preferences</li> <li>Oracle Enterprise Manager</li> </ul>							
Work Managers	<ul> <li>Oracle Enterprise Manager</li> </ul>							
Startup and Shutdown Classes	— Domain Configurations							-
Deployments     Services	Domain	Services	Interoperabil	itv				
Security Realms	Domain	Messaging	WTC Servers					
		<ul> <li>JMS Servers</li> </ul>	Jolt Connect	ion Pools				
	Environment	Store-and-Forward Agents						
How do I 🖃	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 M	lodules				
Record WLST Scripts	<ul> <li>Migratable Targets</li> </ul>	Data Sources	Built-in Diagr	nostic Modules				
Change Console preferences	Coherence Clusters	<ul> <li>Persistent Stores</li> </ul>	<ul> <li>Diagnostic In</li> </ul>	nages				
Manage Console extensions	Machines	XML Registries	Request Per	formance				
Monitor servers	Virtual Hosts	XML Entity Caches	Archives					
System Status	Work Managers	Foreign JNDI Providers     Work Contexts	Context					
	<ul> <li>Startup And Shutdown Classes</li> </ul>	• iCOM	SNMP					
Health of Running Servers		Mail Sessions						
Failed (0)	Your Deployed Resources	• FileT3	Charts and G					
Critical (0)	Deployments	• <u>ATI</u> •	<ul> <li>Monitoring D</li> </ul>	ashboard ar				
Overloaded (0) Warning (0)	Your Application & Security Settings	OSGi Frameworks						
i indining (o)	a 1 a l							



3.	Click on SOA_INFRA Application under deployments.
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Security Realms Interoperability	Name 🔅	State	Health	Туре	Targets	Deployment Order
	oracle.wsm.console.core.view(1.0, 12. 1.3.0)	Active		Library	AdminServer	311
Iow do I E	orade.wsm.seedpolicies(2.0, 12.1.3)	Active		Library	AdminServer, BAMServer, SOAServer	100
Configure an enterprise application	TradeAppsAdapter	Active	🖋 ОК	Resource Adapter	SOAServer	328
Update (redeploy) an enterprise application     Start and stop a deployed enterprise     application	₩ OracleBamAdapter	Installed		Resource Adapter		329
Monitor the modules of an enterprise     application	B CoracleBPMBACServerApp	Active	🖋 ок	Enterprise Application	SOAServer	384
Deploy EJB modules     Install a Web application	E CoracleBPMComposerRolesApp	Active	🖋 ОК	Enterprise Application	SOAServer	382
System Status	B COracleBPMProcessRolesApp	Active	🖋 ОК	Enterprise Application	SOAServer	381
Health of Running Servers	⊞OracleBPMWorkspace	Active	🖋 ок	Enterprise Application	SOAServer	383
Failed (0) Critical (0)	orail8n-adf(11,11.1.1.1.0)	Active		Library	AdminServer, BAMServer, SOAServer	100
Overloaded (0) Warning (0)	🕐 owasp.esapi(2.0, 12. 1. 3)	Active		Library	AdminServer, BAMServer, SOAServer	100
OK (2)	SAPAdapter	Installed		Resource Adapter		335
	B SimpleApprovalTaskFlow	Active	🖋 ОК	Enterprise Application	SOAServer	386
	H Rosa-infra	Active	🖋 ОК	Enterprise Application	SOAServer	350
	⊞ <sub>[]</sub> soa-webapps	Active	🖋 ок	Enterprise Application	SOAServer	360
	👘 soa.em	Active		Library	AdminServer	100
	SocketAdapter	Installed		Resource Adapter		326
	state-management-provider-memory-rar-12.1.3	Active	🖋 ок	Resource Adapter	AdminServer, BAMServer, SOAServer	100
	<b>M</b> UIX(11,12.1.3.0.0)	Active		Library	AdminServer, BAMServer, SOAServer	100

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

es, content, consoleiportun_pug	eLabel=AppDeploymentsControlPage8L_nfpb=true8AppDeploymentsControlPor	 s search		 <u>भ</u>	Ť
	B2BInstanceMessageBean		EJB		
	B2BIntegratorBean		EJB		
	B2BMetadataUtilityBean		EJB		
	B2BStarterBeanWLS		EJB		
	B2BUtilityBean		EJB		
	BAMActionMDB		EJB		
	BeamActionMDB		EJB		
	BottleneckDetectionBean		EJB		
	BPELActivityManagerBean		EJB		
	BPELAuditTraiBean		EJB		
	BPELCacheRegistryBean		EJB		
	BPELCacheStoreBean		EJB		
	BPELClusterBean		EJB		
	BPELDeliveryBean		EJB		
	BPELDispatcherBean		EJB		
	BPELEngineBean		EJB		
	BPELFind BPELEngineBean, Level 3, 22 of 106		EJB		
	BPELInstanceManagerBean		EJB		
	BPELKeyGeneratorBean		EJB		
	BPELProcessManagerBean		EJB		
	BPELSensorValuesBean		EJB		
	BPELServerManagerBean		EJB		
	BPELTestInstanceManager		EJB		
	BpmAGProcessBrokerServiceBean		EJB		
	BpmAppServiceBean		EJB		
	BPMDataObjectSecurityService		EJB		
	BPMNActivityManagerBean		EJB		
	BPMNAuditTrailBean		EJB		
	BPMNClusterBean		EJB		



Instance     PERformation     The name of the beam. Here John       Type:     states     The EB type (settor, rulty, or message). More John       Type:     states     The EB type (settor, rulty, or message). More John       Type:     states     The EB type (settor, rulty, or message). More John       Transaction Type:     Container     The bears in free Pool:       Ordpare Vision 2.X EDB     Intel Bears in Free Pool:     100       Intel Ed type (settor, rulty, or message)     Here John       Paol Configuration     EB type (settor, rulty, or message)     More John       Istate Settor 3.X EDB     Intel Bears in Free Pool:     100       Istate Settor 3.X EDB     Intel Bears in Free Pool:     100       Istate Settor 3.X EDB     Istate Settor 3.X EDB     Istate Settor 3.X EDB       Istate Settor 3.X EDB     Istate Settor 3.X EDB     Istate Settor 3.X EDB       Istate Settor 3.X EDB     Istate Settor 3.X EDB     Istate Settor 3.X EDB       Istate Settor 3.X EDB     Istate Settor 3.X EDB     Istate Settor 3.X EDB       Istate Settor 3.X EDB     Istate Settor 3.X EDB     Istate Settor 3.X EDB       Istate Settor 3.X EDB     Istate Settor 3.X EDB     Istate Settor 3.X EDB       Istate Settor 3.X EDB     Istate Settor 3.X EDB     Istate Setor 3.X EDB       Istate Settor 3.X EDB     Istate Setor 3.X EDB     Ista	• / -			
Under generative and Shutdown Classes     The Ell type (sensing), where info       Decompositive Shutdown Classes     The container     The container       Decompositive Shutdown Classes     The container     The base's transaction type. More info       Decompositive Shutdown Classes     The container     The base's transaction type. More info       Decompositive Shutdown Classes     The container     The base's transaction type. More info       Decompositive Shutdown Classes     The Class Items     Container       Decompositive Shutdown Classes		Name:	BPELEngineBean	The name of this bean. More Info
> Services       Transaction Type:       Cuctater       The ben't bransaction type. More brio         > Services       Did Loss Tiame:       Conclava. cube engine etb and boot BPEDErgondeen       EB Class Tiame: More brio         > or do L       - Configuration       The ben't bransaction type. More brio       The ben't bransaction type.       More brio         > reading Services       - The initial number of bears in the fiere pool. Hore info       The maximum morehor of bears in the fiere pool. Hore info         > Services       Services       0       - The initial number of bears in the fiere pool. Hore info         > Services       Services       0       - The maximum morehor of bears in the fiere pool. Hore info         > Services       Services       0       - The maximum morehor of bears in the fiere pool. Hore info         > Services       Services       0       - The maximum morehor of bears in the fiere pool. Hore info         > Services       Services       0       - The maximum morehor of bears in the fiere pool. Hore info         > Services       Services       0       - The maximum morehor of bears in the fiere pool. Hore info         > Services       Nore info       - The contrave condition info       Custom network downed that the EB uses for network communications.         > Services       Nore info       - The pool bears in the f	Startup and Shutdown Classes	Туре:	stateless	The EJB type (session, entity, or message). More Info
Intercontent       Configuration       Configuration       Configuration         We decision       The restain network of bars in the free pool.       Note info         Set EB toget servers and clusters store for the restain of the pool.       The restain network of bars in the free pool.       Note info         Set EB toget servers and clusters store for the restain of the restain of the pool.       The restain network of bars in the free pool.       Note info         Set EB toget servers and clusters store for the restain of the restain of the pool.       The restain network of bars in the free pool.       Note info         Set EB toget servers and clusters store for the restain of the restain network of bars in the free pool.       Note info       Note info         Set EB toget servers and clusters store for the restain of the restain network of bars in the free pool.       Note info       Note info         Note info       Information       Information       The restain network of bars in the free pool.       Note info         Note info       Information       Information       Information       The restain network of bars in the free pool.       Note info         Note info       Information       Information       Information       The restain network of bars in the free pool information in the clusters in the free pool information in the clusters in the free pool information in the clusters in th	Services	Transaction Type:	Container	The bean's transaction type. More Info
wide L       Initial Beans in Free Pool:       100       The initial number of beans in the free pool.       Note Info         Confuse Version 2.2 EBS       Initial Beans in Free Pool:       1000       The initial number of beans in the free pool.       Note Info         Set CB target serves and duters used.       Initial Beans in Free Pool:       1000       The maximum number of beans in the free pool.       Note Info         Set CB target serves and duters used.       Initial Beans in Free Pool:       Info       The maximum number of beans in the free pool.       Note Info         Set CB target serves and duters used.       Info       Info       The maximum number of beans in the free pool.       Note Info         Set CB target serves and duters used.       Info       The maximum length of the (n: second.) on EB should remain in the cable on the book due to note used.       Note Info         Set CB target serves       Info       Info       The maximum length of the (n: second.) on EB should remain in the cable on the book due to note used.       Note Info         Set CB target serves       Info       Info       The second second field the EB uses for network.         Or class (n)       Or class (n)       Cuttom network due target serves.       Note Info         Or class (n)       Or class (n)       Cuttom network due target serves.       Note Info	-Interoperability	EJB Class Name:	com.collaxa.cube.engine.ejb.impl.bpel.BPELEngineBean	EJB Class Name More Info
Initial Beans in Free Pool:       100       The initial number of beans in the free pool.       More info         Very deployment stabus of EBB       EBB       1000       The initial number of beans in the free pool.       More info         Step EB       The initial Beans in Free Pool:       1000       The initial number of beans in the free pool.       More info         Step EB       The initial Beans in Free Pool:       1000       The initial number of beans in the free pool.       More info         Step EB       The initial Beans in Free Pool:       1000       The initial number of beans in the free pool support of the (in second) on EB should remain in the coale pool.       More info         Step EB       The initial Beans in Free Pool:       0       The initial number of beans in the free pool support of the (in second) on EB should remain in the coale pool.         Step EB       The initial Beans in Free Pool:       0       The initial number of beans in the free pool support of the (in second) on EB should remain in the coale pool.         Step EB       The initial Number of beans in the free pool support of the (in second) on EB should remain in the coale pool.       The initial number of beans in the free pool support of the (in second) on EB should remain in the coale pool.         Step EB       The initial number of beans in the free pool support of the (in second) on EB should remain in the coale pool.       The initial number of beans in the free pool initial number of beans in the free pool s		- Pool Configuration		
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• of EUR insport servers and clusters   • Luddate (redeptiv) EBs   • Subdate (redeptiv) EBs   • states   • States   • Control Insport EBs   • States   • States <t< td=""><td></td><td></td><td></td><td></td></t<>				
- Stop EBs  ystem Status  poil  Paid ()  Control (0)  Conclude (0)  Con	Set EJB target servers and dusters	Max Beans in Free Pool:	1000	the free pool for the number of seconds specified in Idle Timeout, and the total number of beans in the free pool approaches the maximum beans in
Reading of Running Servers or free pool before it is passivated or removed. More Info   Falsed (i) Corectaded (i) Warning (ii) Corect (2) Corect As Principal Itame: Despite With server execute Utame of an EBB, resource, or reference In WebLogic Server. More Info Info Dispatch Policy: The XBOI name for a bean's local itome. More Info Save The transaction Itmeout: 300 The transaction Itmeout: value, in seconds. More Info Save				
Faled (0)     Orited (0)     Orited (0)     Wering (0)     Orited (0)     Orited (0)     Wering (0)     Orited (0)     Orited (0)     Wering (0)     Orited (0)     Or	ystem Status 🖂	Idle Timeout:	0	
Paid (0)       Custom network channel that the EB uses for network communications. More Info         Overloaded (0)       Run As Principal Itame:       The security principal to be used when etb/Pastes would otherwise run with an anonymous principal. More Info         Create As Principal Itame:       The principal to be used when etb/Pastes would otherwise run with an anonymous principal. More Info         Remove As Principal Itame:       The principal to be used when etb/Pastes would otherwise run with an anonymous principal. More Info         Passivate As Principal Itame:       The principal to be used when etb/Pastes would otherwise run with an anonymous principal. More Info         Passivate As Principal Itame:       The principal to be used when etb/Pastes would otherwise run with an anonymous principal. More Info         Passivate As Principal Itame:       The principal to be used when etb/Pastes would otherwise run with an anonymous principal. More Info         Passivate As Principal Itame:       The principal to be used when etb/Pastes would otherwise run with an anonymous principal. More Info         Passivate As Principal Itame:       The principal to be used when etb/Pastes would otherwise run with an anonymous principal. More Info         Itame:       Dispatch Policy:       The principal to bused when etb/Pastes would otherwise run with an anonymous principal. More Info         Itame:       Dispatch Policy:       The XDI name of an EB, resource, or reference in WebLogic Server. More Info         Itame:       Junt 1tame: <td>lealth of Running Servers</td> <td></td> <td></td> <td></td>	lealth of Running Servers			
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Critical (0) Warning (0) OC (2)       Run As Principal Itame:       Image: Create As Principal Itame:       The security principal to be used as the run-as principal for a bean that has security-include to the scheme influe         Create As Principal Itame:       The principal to be used when eBCreate would otherwise run with an amonymous principal. More Influe         Remove As Principal Itame:       The principal to be used when eBCreate would otherwise run with an amonymous principal. More Influe         Passivate As Principal Itame:       The principal to be used when eBCreate would otherwise run with an amonymous principal. More Influe         Passivate As Principal Itame:       The principal to be used when eBCreate would otherwise run with an amonymous principal. More Influe         Passivate As Principal Itame:       The principal to be used when eBCreate would otherwise run with an amonymous principal. More Influe         Passivate As Principal Itame:       The principal to be used when eBCreate would otherwise run with an amonymous principal. More Influe         INDI Name:       The principal Itame of an EB, resource, or reference in WebLogic Server. More Enflue         Isoatchin Timeout:       300         Test schon Timeout:       300		Network Access Point:		Custom network channel that the E18 uses for network
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 epis malf Re. More Info         Create As Principal Name:       The principal to be used was epiScreate would otherwise run with an anonymous principal. More Info         Remove As Principal Name:       The principal to be used was epiScreate would otherwise run with an anonymous principal. More Info         Passivate As Principal Name:       The principal to be used was epiScreate would otherwise run with an anonymous principal. More Info         INDI Name:       The principal to be used was epiScreate would otherwise run with an anonymous principal. More Info         INDI Name:       The Principal to be used was epiScreate would otherwise run with an anonymous principal. More Info         IDI Dispatch Policy:       The Principal to be used was epiScreate would otherwise run with an anonymous principal. More Info         INDI Name:       The Principal to be used was epiScreate would otherwise run with an anonymous principal. More Info         IDI Dispatch Policy:       The Principal to be used was epiScreate would otherwise run with an anonymous principal. More Info         Transaction Timeout:       300       The transaction timeout value, in seconds. More Info         Save       Save       Save       Save				
OK (2)       Notice Principal Name:       The principal is used when egb/casts would otherwise run with an anonymous principal. More Info         Create As Principal Name:       The principal to be used when egb/casts would otherwise run with an anonymous principal. More Info         Remove As Principal Name:       The principal to be used when egb/casts would otherwise run with an anonymous principal. More Info         Passivate As Principal Name:       The principal to be used when egb/assivate would otherwise run with an anonymous principal. More Info         JND1 Name:       The principal to be used when egb/assivate would otherwise run with an anonymous principal. More Info         JND1 Name:       The JND1 name of an EXB, resource, or reference in WebLogic Server. More Info         Go Dispatch Policy:       Designates which server execute thread pool the EXB should run in. More Info         Transaction Timeout:       300         Save       The transaction timeout, value, in seconds. More Info				
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Passivate As Principal Name:       The principal to be used when egbeasivate would otherwise run with an anonymous principal. More Enfo         JND1 Name:       The JND1 name of an E38, resource, or reference in WebLopic Server. More Enfo         Local JND1 Name:       The JND1 name for a bear's local Home. More Info         © Dispatch Policy:       Designates which server execute thread pool the E38 should run n. More Info         Transaction Timeout:       300         Save       The transaction timeout value, in seconds. More Info		Create As Principal Name:		
JHDI Name:       The JHDI name of an EJB, resource, or reference in WebLogic Server. More Info         Local JHDI Name:       The JHDI name of an EJB, resource, or reference in WebLogic Server. More Info         Image:       The JHDI name of a bean's local Home. More Info         Image:       Designates which server execute thread pool the EJB should run in. More Info         Image:       Designates which server execute thread pool the EJB should run in. More Info         Image:       300         The transaction timeout:       300         Save       Save		Remove As Principal Name:		
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Dispatch Policy:     Designates which server execute thread pool the E38 should run in. More Info     Transaction Timeout:     300     The transaction timeout value, in seconds. More Info     Save		JNDI Name:		
Transaction Timeout: 300 The transaction timeout value, in seconds. More Info Save		Local JNDI Name:		The JNDI name for a bean's local Home. More Info
Save		👸 Dispatch Policy:		
		Transaction Timeout:	300	The transaction timeout value, in seconds. More Info
VebLogic Server Version: 12.1.3.0.0		Save		
WebLogic Server Version: 12.1.3.0.0				
	WebLogic Server Version: 12.1.3.0.0			
	Oracle is a registered trademark of Oracle Corporation	on and/or its affiliates. Other names may be tra	ademarks of their respective owners.	

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

B2BUtiltyBean	EJB	
BAMActionMDB	EJB	
BeamActionMDB	EJB	
BottleneckDetectionBean	EJB	
BPELActivityManagerBean	EJB	
BPELAudit TrailBean	EJB	
BPELCacheRegistryBean	EJB	
BPELCacheStoreBean	EJB	
BPELClusterBean	EJB	
BPELDelveryBean	EJB	
BPELDispatch BPELDeliveryBean, Level 3, 20 of 106	EJB	
BPELEngineBean	EJB	
BPELFinderBean	EJB	
BPELInstanceManagerBean	EJB	
BPELKeyGeneratorBean	EJB	
BPELProcessManagerBean	EJB	
BPELSensorValuesBean	EJB	
BPELServerManagerBean	EJB	
BPELTestInstanceManager	EJB	
BpmAGProcessBrokerServiceBean	EJB	
BpmAppServiceBean	EJB	
BPMDataObjectSecurityService	EJB	
BPMNActivityManagerBean	EJB	
BPMNAudit TraiBean	EJB	
BPMNClusterBean	EJB	
BPMNDeliveryBean	EJB	
BPMNDispatcherBean	EJB	
BPMNEngineBean	EJB	
BPMNFinderBean	EJB	



	Transaction Type:		
		Container	The bean's transaction type. More Info
	EJB Class Name:	com.collaxa.cube.engine.ejb.impl.bpel.BPELDeliveryBean	EJB Class Name More Info
	- Pool Configuration		
low do I	Initial Beans in Free Pool:	200	The initial number of beans in the free pool. More Info
Configure Version 2.X EJBs     View deployment status of EJBs     Set EJB target servers and clusters     Update (redeploy) EJBs	Max Beans in Free Pool:	1000	The maximum number of beans in the free pool. When an EJB has been in the free pool for the number of seasonds specified in Idle Timeout, and the total number of beans in the free pool approaches the maximum beans in free pool specified in the field, idle beans are removed from the free pool. More Info
• Stop EJBs	Idle Timeout:	0	The maximum length of time (in seconds) an EJB should remain in the cache or free pool before it is passivated or removed. More Info
lealth of Running Servers	— Enterprise Bean Configu	ration	
Failed (0)           Critical (0)           Overloaded (0)           Warning (0)           OK (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 ejb-jar.xml file. More Info
	Create As Principal Name:		The principal to be used when ejbCreate would otherwise run with an anonymous principal. More Info
	Remove As Principal Name:		The principal to be used when ejbRemove would otherwise run with an anonymous principal. More Info
	Passivate As Principal Name:		The principal to be used when ejbPassivate would otherwise run with an anonymous principal. More Info
	JNDI Name:		The JNDI name of an EJB, resource, or reference in WebLogic Server. More Info
	Local JNDI Name:		The JNDI name for a bean's local Home. More Info
	🚳 Dispatch Policy:		Designates which server execute thread pool the EJB should run in. More Info
	Transaction Timeout:	1800	The transaction timeout value, in seconds. More Info
	Save		

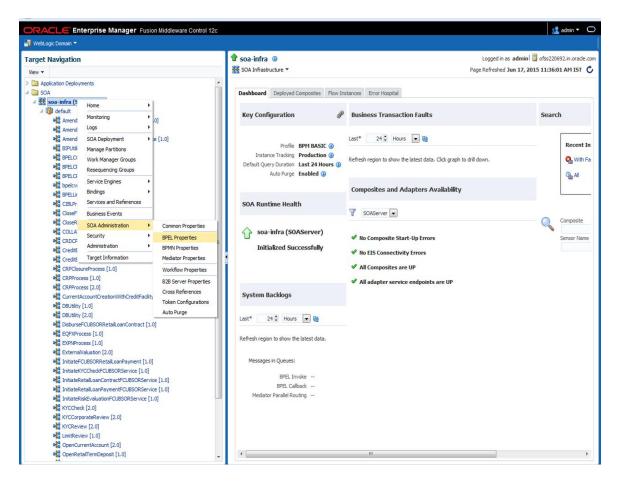
- 6. Login in to Console  $\rightarrow$  JTA
- Set the JTA timeout According to the below condition. Make sure BPELEngineBean + BPELDeliveryBean is <= JTA timeout(300+300<=600)</li>



ORACLE WebLogic Server Adn								
Change Center	🏦 Home Log Out Preferences 🖾 Record Help							
View changes and restarts	Home >Summary of Deployments >dev_domain							
Configuration editing is enabled. Future	Settings for dev_domain							
changes will automatically be activated as you modify, add or delete items in this domain.	Configuration Monitoring Control Securit	y Web Service Security Notes						
Domain Structure	General JTA JPA EJBs Web Application	s Logging Log Filters						
dev_domain								
Environment     Deployments	Save							
Services     Security Realms     Thereoperability	Use this page to define the Java Transaction API	(JTA) configuration of this WebLogic Serve	r domain.					
Diagnostics	Timeout Seconds:	3600	Specifies the maximum amount of time, in seconds,					
		3000	transaction is allowed to be in the first phase of a two-ph commit transaction. If the specified amount of time expir transaction is automatically roled back. More Info					
	Abandon Timeout Seconds:	86400	Specifies the maximum amount of time, in seconds, a transaction manager persists in attempting to complet second phase of a two-phase commit transaction. Mc					
How do I   • Configure domain JTA options	Before Completion Iteration Limit:	10	The maximum number of cycles that the transaction performs the beforeCompletion synchronization calls WebLogic Server domain. More Info					
Configure advanced domain JTA options	Max Transactions:	10000	The maximum number of simultaneous in-progress t allowed on a server in this WebLogic Server domain					
System Status  Health of Running Servers	Max Unique Name Statistics:	1000	The maximum number of unique transaction names fo statistics are maintained. More Info					
Failed (0) Critical (0) Overloaded (0)	Checkpoint Interval Seconds:	300	The interval at which the transaction manager creat transaction log file and checks all old transaction log they are ready to be deleted. More Info					
Warning (0) OK (4)	Write recovery logs when determiners cor	Indicates two-phase transaction recovery logs are w if one or more determiners are configured. More Ir						
	Determiners:		Specifies a list of one or more transaction resources (determiners) separated by line breaks. A determine transaction records are used during transaction reco TLog is not present. More Info					
	Fornat Hauristics		Specifies whether the transaction monaner automo					
	Forget Heuristics		Specifies whether the transaction manager auton performs an XA Resource forget operation for here					

ORACLE

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





Contemporation      Contemporation     Contemporation     Contemporation     Contemporation	DI 120				👥 adm	In Y
hange Center @	🕆 soa-infra	Ð	Logo	din as <b>ad</b>	min 🗐 ofss220692.in	oracle
The Changes V 🖂 Recording V	🗮 SOA Infrastru	-	Page Refreshed Jun 17, 2015 11:37:36 AM IST			
Changes + 🖂 Recording +	SOA Infrastru	cture +	Page Reffe	aned Jun 1	17, 2015 11:37:36 AP	1151
irget Navigation	System MBe	an Browser				
iew v	· Application	Application Defined MBeans: BPELConfig:bpel				
Application Deployments	🔺 🧃 🕕 Inform	ation				
SOA	The char		not managed by the configuration session. The changes will be applied im	mediately.	You cannot undo the ch	nange
Kernel (SOAServer)     A (1) default		2				
AmendFCUBSORNFRetailLoanContract [1.0]	Show M	Bean Information				
AmendFCUBSORRetailLoanContract [1.0]	Attributes	Operations Notifications				
AmendRetailLoanContractFCUBSORService [1.0]	Name		Description	Access	Value	
BIPUtility [1.0]	Li corgene	comencer in conord	a separate location from the rest of the instance scope data		100000	
BPELCOLLATProcess [1.0]			specify the number of invoke messages that can be kept in the in-memory cache, once the engine hits this limit, it would push the			
BPELCRPClosureProcess [1.0]	22 Maximur	nNumberOfInvokeMessagesI	message to dispatcher in-memory cache, instead it would save the	RW	100000	
BPELCRPProcess [1.0]			message in the db and these saved messages can be recovered using			
bpelcvnprocess [1.0]			recovery job, you can use value -1 to disable			
BPELLimitReview [1.0]	23 MaxRec	overAttempt	This value specifies the maximum number of times an invoke or callback	RW	2	
G CIBLProcess [1.0]			or activity will be recovered The minimum time duration for BPEL to do a real wait that involves a			
CloseFCUBSORRetailLoanContract [1.0]	= 24 MinBPEL	Wait	The minimum time duration for BPEL to do a real wait that involves a dehydration	RW	2	
CloseRetailLoanContractFCUBSORService [1.0]	25 objectN	ame	The MBean's unique JMX name	R	oracle.as.soainfra.con	fia:r
COLLATProcess [1.0]		/DeliveryPolicy	Changes whether the one-way invocation messages are delivered	RW	async.persist	
CRDCProcess [1.0]			flag to enable or disable coherence cache for bpel service engine. use			
GreditBureauBPEL [1.0]	27 QualityC	)fService	CacheEnabled for enabling coherence.	RW	DirectWrite	
GreditBureauHandler [1.0]			flag to enable or disable coherence cache for bpel service engine when	RW	false	
GRPClosureProcess [1.0]	28 Quality	)fServiceAuditStorePolicyUse	auditStorePolicy is set to async	RW	Taise	
CRPProcess [1.0]	29 Quality	) fServiceOneWayDeliveryPoli	flag to enable or disable coherence cache for bpel service engine when	RW	false	
CRPProcess [2.0]	30 ReadOn		onewayDeliveryPolicy is set to async		false	
CurrentAccountCreationWithCreditFacility [1.0]	30 Readon 31 Recover	·	If true, it indicates that this MBean is a read only MBean. Recovery Configuration	R	iavax.management.op	
Ha DBUtility [1.0]		gMaxMessageRaiseSize	Number of messages to recover during recurring recovery	RW	50	enm
et BUtility [2.0]	32 Recurrin 33 Restarti		Indicates whether a restart is needed.		false	
B DisburseFCUBSORRetailLoanContract [1.0]				R	-	
Contraction EQEXProcess [1.0]	34 SpecCor		Sets how the implementation is compliant to the spec	RW	suggest	
Contraction (1.0)	35 Startup	MaxMessageRaiseSize	Number of messages to recover during startup recovery	RW	50	
Ha ExternalValuation [2.0]	36 StatsLas	tN	The size of the "most recently processed" request list	RW	-1	
Ha InitiateFCUBSORRetailLoanPayment [1.0]	37 SyncMa	WaitTime	The maximum time a request/response operation will take before it	RW	45	
Ha InitiateKYCCheckFCUBSORService [1.0]			times out. The default value is 45 seconds			
Reg InitiateRetailLoanContractFCUBSORService [1.0]	38 System		If true, it indicates that this MBean is a System MBean.	R	false	
କ୍ଷ୍ମି InitiateRetailLoanPaymentFCUBSORService [1.0] କାର୍ଜି InitiateRiskEvaluationFCUBSORService [1.0]	39 Validate	KML	If set to "true" the engine will apply schema validation for incoming and outgoing xml documents. The default value "false".	RW	false	
에는 InitiateRiskEvaluationFCUBSORService [1.0] 에법 KYCCheck [2.0]	40 Version		version of the config file	R	11.1.0	
	41 Visible		If true, it indicates that this MBean is visible to current user.	R	true	
KYCCorporateReview [2.0]	_ <					1

# 1.3 Integrating Oracle FLEXCUBE IS and Scheduler

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

#### 1.3.1 Running Backend Scripts

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

Follow the steps given below:

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

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



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## 1.4 Integrating Oracle FLEXCUBE IS and BIP Reports

You can integrate Oracle FLEXCUBE IS 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 IS and MBean

In order to integrate Oracle FLEXCUBE IS and MBean, you need to follow the below steps before deploying the Oracle FLEXCUBE IS 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.





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