Weblogic Configuration Oracle FLEXCUBE Investor Servicing Release 12.0.4.7.11 [December] [2017]

FINANCIAL SERVICES

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1. Configuring SSL on Oracle Weblogic

1.1 Introduction

This chapter details out the configurations for SSL on Oracle Weblogic application server.

1.2 Setting up SSL on Oracle Weblogic

To setup SSL on Oracle Weblogic application server, you need to perform the following tasks:

- 1. Obtain an identity (private key and digital certificates) and trust (certificates of trusted certificate authorities) for Oracle Weblogic application server.
- 2. Store the identity and trust. Private keys and trust CA certificates are stored in keystores.
- 3. Configure the identity and trust the keystores for Oracle Weblogic application server in the administration console.
- 4. Set SSL attributes for the private key alias and password in Oracle Weblogic administration console.

1.3 Certificates and Keypairs

Certificates are used for validating the authenticity of the server. Certificates contains the name of the owner, certificate usage, duration of validity, resource location or distinguished name (DN), which includes the common name (CN - web site address or e-mail address depending of the usage) and the certificate ID of the person who certified (signs) these information. It also contains the public key and a hash to ensure that the certificate has not been tampered with. A certificate is insecure until it is signed. Signed certificates cannot be modified.

A certificate can be self signed or obtained from a reputable certificate authority such as Verisign, Inc., Entrust.net, Thawte, GeoTrust or InstantSSL.

SSL uses a pair of cryptographic keys - a **public key** and a **private key**. These keys are similar in nature and can be used alternatively. What one key encrypts can be decrypted by the other key of the pair. The private key is kept secret, while the public key is distributed using the certificate.

A **keytool** stores the keys and certificates in a **keystore**. The default keystore implementation implements it as a file. It protects private keys with a password. The different entities (key pairs and the certificates) are distinguished by a unique 'alias'. Through its keystore, Oracle Weblogic server can authenticate itself to other parties.

In Java, a keystore is a 'java.security.KeyStore' instance that you can create and manipulate using the **keytool** utility provided with the Java Runtime.

There are two keystores to be managed by Oracle Weblogic server to configure SSL.

- Identity Keystore: Contains the key pairs and the Digital certificate. This can also contain certificates of intermediate CAs.
- Trust Keystore: Contains the trusted CA certificates.



2. Choosing the Identity and Trust Stores

2.1 Introduction

Oracle Financial Services Software recommends that the choice of Identity and Trust stores be made up front. Oracle Weblogic server supports the following combinations of Identity and Trust stores:

- Custom Identity and Command Line Trust
- Custom Identity and Custom Trust
- Custom Identity and Java Standard Trust
- Demo Identity and Demo Trust

Oracle Financial Services does not recommend choosing Demo Identity and Demo Trust for production environments.

It is recommended to separate the identity and trust stores, since each Weblogic server tends to have its own identity, but might have the same set of trust CA certificates. Trust stores are usually copied across Oracle Weblogic servers, to standardize trust rules; it is acceptable to copy trust stores since they contain public keys and certificates of CAs. Unlike trust stores, identity stores contain private keys of the Oracle Weblogic server, and hence should be protected against unauthorized access.

Command Line Trust, if chosen requires the trust store to be specified as a command line argument in the Weblogic Server startup script. No additional configuration of the trust store is required in the Weblogic Server Administration Console.

Java Standard Trust would rely on the cacerts files provided by the Java Runtime. This file contains the list of trust CA certificates that ship with the Java Runtime, and is located in the 'JAVA_HOME/jre/lib/security' directory. It is highly recommended to change the default Java standard trust store password from 'changeit' (without quotes), and the default access permission of the file. Certificates of most commercial CAs are already present in the Java Standard Trust store. Therefore, it is recommended to use the Java Standard Trust store whenever possible. The rest of the document will assume the use of Java Standard Trust, since most CA certificates are already present in it.

One can also create custom trust stores containing the list of certificates of trusted CAs.

For further details on identity and trust stores, please refer the Oracle Weblogic Server documentation on Securing Oracle Weblogic Server.



3. Obtaining the Identity Store

3.1 Creating Identity Store with Self-Signed Certificates

Self-signed certificates are acceptable for use in a testing or development environment. Oracle Financial Services does not recommend the use of self-signed certificates in a production environment.

In order to create a self-signed certificate, the genkeypair option provided by the keytool utility of Sun Java 6 needs to be utilized.

3.1.1 Creation of Self-signed Certificate

Browse to the bin folder of JRE from the command prompt and type the following command.

The items highlighted in blue are placeholders, and should be replaced with suitable values when running the command.

keytool -genkeypair -alias alias -keyalg RSA -keysize 2048 -sigalg
SHA256withRSA -validity 365 -keystore keystore

In the above command,

- 1. *alias* is used to identify the public and private key pair created. This alias is required later when configuring the SSL attributes for the managed servers in Oracle Weblogic Server.
- 2. *keystore* is used to specify the location of the JKS file. If no JKS file is present in the path provided, one will be created.

The command will prompt for the following attributes of the certificate and keystore:

- 3. **Keystore Password**: Specify a password that will be used to access the keystore. This password needs to be specified later, when configuring the identity store in Oracle Weblogic Server.
- 4. **Key Password**: Specify a password that will be used to access the private key stored in the keystore. This password needs to be specified later, when configuring the SSL attributes of the managed server(s) in Oracle Weblogic Server.
- 5. **First and Last Name (CN)**: Enter the domain name of the machine used to access FLEXCUBE INSTALLER SERVICING, for instance, www.example.com
- 6. **Name of your Organizational Unit**: The name of the department or unit making the request, for example, BPD. Use this field to further identify the SSL Certificate you are creating, for example, by department or by physical server.
- 7. **Name of your Organization:** The name of the organization making the certificate request, for example, Oracle Financial Services. It is recommended to use the company or organization's formal name, and this name entered here must match the name found in official records.



- Name of your City or Locality: The city in which your organization is physically located, for example Mumbai.
- Name of your State or Province: The state/province in which your organization is physically located, for example Maharashtra.
- 10. **Two-Letter Country Code for this Unit**: The country in which your organization is physically located, for example US, UK, IN etc.

The key generation algorithm has been specified as RSA, the key size as 2048 bits, the signature algorithm as SHA256withRSA, and the validity days as 365. These can be changed to suitable values if the need arises. For further details, please refer to the documentation of the keytool utility in the JDK utilized by Oracle Weblogic Server.

Example

Listed below is the result of a sample execution of the command:

```
keytool -genkey -keystore FCUBSKeyStore.jks -alias cvrhp0729 -dname
"CN=10.10.10.10,OU=OFSS" -keyalg "RSA" -sigalg "SHA256withRSA" -
kevsize 2048 -validity 1000
Enter keystore password: < Enter a password to protect the keystore >
Re-enter new password: < Confirm the password keyed above>
What is your first and last name?
  [Unknown]: cvrhp0729
What is the name of your organizational unit?
  [Unknown]: BPD
What is the name of your organization?
  [Unknown]: Oracle Financial Services
What is the name of your City or Locality?
  [Unknown]: Mumbai
What is the name of your State or Province?
  [Unknown]: Maharashtra
What is the two-letter country code for this unit?
  [Unknown]: IN
Is CN=cvrhp0729, OU=BPD, O=Oracle Financial Services, L=Mumbai,
ST=Maharashtra, C=IN correct?
  [no]: yes
Enter key password for <selfcert>
        (RETURN if same as keystore password): < Enter a password to
protect the key>
Re-enter new password: < Confirm the password keyed above>
```



3.2 <u>Creating Identity Store with Trusted Certificates Issued</u> by CA

3.2.1 Creation of Public and Private Key Pair

Browse to the bin folder of JRE from the command prompt and type the following command.

The items highlighted in blue are placeholders, and should be replaced with suitable values when running the command.

```
keytool -genkeypair -alias alias -keyalg keyalg -keysize keysize -
sigalg sigalg -validity valDays -keystore keystore
```

In the above command,

- 1. *alias* is used to identify the public and private key pair created. This alias is required later when configuring the SSL attributes for the managed servers in Oracle Weblogic Server.
- 2. *keyalg* is the key algorithm used to generate the public and private key pair. The RSA key algorithm is recommended.
- keysize is the size of the public and private key pairs generated. A key size of 2048 or more is recommended. Please consult with your CA on the key size support for different types of certificates.
- 4. *sigalg* is the algorithm used to generate the signature. This algorithm should be compatible with the key algorithm and should be one of the values specified in the Java Cryptography API Specification and Reference.
- 5. *valdays* is the number of days for which the certificate is to be considered valid. Please consult with your CA on this period.
- 6. *keystore* is used to specify the location of the JKS file. If no JKS file is present in the path provided, one will be created.

The command will prompt for the following attributes of the certificate and keystore:

- 7. **Keystore Password**: Specify a password that will be used to access the keystore. This password needs to be specified later, when configuring the identity store in Oracle Weblogic Server.
- 8. **Key Password**: Specify a password that will be used to access the private key stored in the keystore. This password needs to be specified later, when configuring the SSL attributes of the managed server(s) in Oracle Weblogic Server.
- 9. First and Last Name (CN): Enter the domain name of the machine used to access FLEXCUBE INSTALLER SERVICING, for instance, www.example.com
- 10. **Name of your Organizational Unit**: The name of the department or unit making the request, for example, BPD. Use this field to further identify the SSL Certificate you are creating, for example, by department or by physical server.



- 11. **Name of your Organization:** The name of the organization making the certificate request, for example, Oracle Financial Services. It is recommended to use the company or organization's formal name, and this name entered here must match the name found in official records.
- 12. **Name of your City or Locality**: The city in which your organization is physically located, for example Mumbai.
- 13. **Name of your State or Province**: The state/province in which your organization is physically located, for example Maharashtra.
- 14. **Two-letter Country Code for this Unit**: The country in which your organization is physically located, for example US, UK, IN etc.

Example

Listed below is the result of a sample execution of the command:

```
keytool -genkey -keystore FCUBSKeyStore.jks -alias cvrhp0729 -dname
"CN=10.10.10.0U=OFSS" -keyalg "RSA" -sigalg "SHA256withRSA" -
keysize 2048 -validity 1000
Enter keystore password: < Enter a password to protect the keystore >
Re-enter new password: < Confirm the password keyed above>
What is your first and last name?
  [Unknown]: cvrhp0729
What is the name of your organizational unit?
  [Unknown]: BPD
What is the name of your organization?
  [Unknown]: Oracle Financial Services
What is the name of your City or Locality?
  [Unknown]: Mumbai
What is the name of your State or Province?
  [Unknown]: Maharashtra
What is the two-letter country code for this unit?
  [Unknown]: IN
Is CN=cvrhp0729, OU=BPD, O=Oracle Financial Services, L=Mumbai,
ST=Maharashtra, C=IN correct?
  [no]: yes
Enter key password for <cvrhp0729>
        (RETURN if same as keystore password): < Enter a password to
protect the key>
Re-enter new password: < Confirm the password keyed above>
```



3.2.2 Generating CSR

To purchase an SSL certificate, one needs to generate a Certificate Signing Request (CSR) for the server where the certificate will be installed.

A CSR is generated from the server and is the server's unique "fingerprint". The CSR includes the server's public key, which enables server authentication and secure communication.

If the keystore file or the password is lost and a new one is generated, the SSL certificate and the private key will no longer match. A new SSL Certificate will have to be requested.

The CSR is created by running the following command in the bin directory of the JRE:

```
keytool -certreq -alias alias -file certreq file -keystore keystore
```

In the above command,

- 1. *alias* is used to identify the public and private key pair. The private key associated with the alias will be utilized to create the CSR. Specify the alias of the key pair created in the previous step.
- 2. *certreq file* is the file in which the CSR will be stored.
- 3. *keystore* is the location of the keystore containing the public and private key pair.

<u>Example</u>

Listed below is the result of a sample execution of the command

keytool -certreq -alias cvrhp0729 -file D:\keystores\certreq.csr keystore D:\keystores\FCUBSKeyStore.jks
Enter keystore password: [Enter the password used to access the
keystore]
Enter key password for <cvrhp0729>[Enter the password used to access
the key in the keystore]

3.2.3 Obtaining Trusted Certificate from CA

The processes of obtaining a trusted certificate vary from one CA to another. The CA might perform additional offline verification. Consult the CA issuing the certificate for details on the process to be followed for submission of the CSR and for obtaining the certificate.

3.2.4 Importing Certificate into Identity Store

Store the certificate obtained from the CA in the previous step, in a file, preferably in PEM format. Other formats like the p7b file format would require conversion to the PEM format. Details on performing the conversion are not listed here. Please refer to the Oracle Weblogic Server documentation on Securing Oracle Weblogic Server, for details on converting a Microsoft p7b file to the PEM format.

The command to be executed for importing a certificate into the identity store depend on whether the trust store chosen (in the earlier step; see section 2 of this document). It is highly recommended to verify the trust path when importing a certificate into the identity store. The commands provided below assume the use of the Java Standard Trust store.



Importing the Intermediate CA certificate

Most Certificate Authorities do not use the root CA certificates to issue identity certificates for use by customers. Instead, Intermediate CAs issue identity certificates in response to the submitted CSRs.

If the Intermediate CA certificate is absent in the Java Standard Trust store, the trust path for the certificate will be incomplete for the certificate, resulting in warnings issued by Weblogic Server during runtime. To avoid this, the intermediate CA certificate should be imported into the identity keystore. Although the intermediate CA certificate can be imported into the Java Standard Trust store, this is not recommended unless the intermediate CA can be trusted.

The following command should be executed to import the intermediate CA certificate into the keystore.

```
keytool -importcert -alias alias -file cert_file -trustcacerts -keystore
keystore
```

In the above command,

- 1. *alias* is used to identify the public and private key pair. Specify the alias of the key pair used to create the CSR in the earlier step.
- cert_file is the location of the file containing the intermediate CA certificate in a PKCS#7 format (PEM or DER file).
- 3. *keystore* is the location of the keystore containing the public and private key pair.

The trustcacerts flag is used to consider other certificates (higher intermediaries and the root CA) in the chain of trust. If no chain of trust is established during verification, the certificate will be displayed and one would be prompted to verify it. It is recommended that due diligence be observed, when the prompt is displayed to verify a certificate when a chain of trust is absent.

Listed below is a sample execution of the command

```
keytool -importcert -alias verisigntrialintermediateca -file
D:\keystores\VerisignIntermediateCA.cer -trustcacerts -keystore
D:\keystoreworkarea\FCUBSKeyStore.jks
Enter keystore password:<Enter the password used to access the
keystore>
Certificate was added to keystore
```

Importing the Identity certificate

The following command should be executed to import the identity certificate into the keystore.

```
keytool -importcert -alias alias -file cert_file -trustcacerts -keystore
keystore
```



In the above command,

- 4. *alias* is used to identify the public and private key pair. Specify the alias of the key pair used to create the CSR in the earlier step.
- 5. *cert_file* is the location of the file containing the PKCS#7 formatted reply from the CA, containing the signed certificate.
- 6. *keystore* is the location of the keystore containing the public and private key pair.

The trustcacerts flag is used to consider other certificates (intermediate CAs and the root CA) in the chain of trust. If no chain of trust is established during verification, the certificate will be displayed and one would be prompted to verify it. It is recommended that due diligence be observed, when the prompt is displayed to verify a certificate when a chain of trust is absent.

Listed below is a sample execution of the command

```
keytool -importcert -alias cvrhp0729 -file D:\keystores\cvrhp0729.cer
-trustcacerts -keystore D:\keystoreworkarea\FCUBSKeyStore.jks
Enter keystore password:<Enter the password used to access the
keystore>
Enter key password for <cvrhp0729>:<Enter the password used to access
the private key>
Certificate reply was installed in keystore
```

The previous set of commands assumed the presence of the appropriate root CA certificate (in the chain of trust) in the Java Standard Trust store, i.e. in the cacerts file. If the CA issuing the identity certificate (for the Weblogic Server) does not have the root CA certificate in the Java Standard Trust store, one can opt to import the root CA certificate into cacerts, or into the identity store, depending on factors including trustworthiness of the CA, necessity of transporting the trust store across machine, among others.



4. Configuring Identity and Trust Stores for Weblogic

4.1 Enabling SSL on Oracle Weblogic Server

To configure SSL on Oracle Weblogic server, login in to the Admin Console and follow the steps given below:

- 1. Under 'Change Center', click the button 'Lock & Edit'.
- 2. Expand 'Servers' node.
- 3. Select the name of the server for which you want to enable SSL (example exampleserver).
- 4. Go to 'Configuration' and select General' tab.
- 5. Select the option 'SSL Listen Port Enabled' and specify the SSL listen port.
- 6. Against 'Listen Address', specify the hostname of the machine in which the application server is installed.

4.2 Configuring Identity and Trust Stores

To configure the Identity and Trust stores in Oracle Weblogic Server, log in to the Admin Console of Weblogic Server.

- 1. Under 'Change Center', click the button 'Lock & Edit'.
- 2. Expand 'Servers' node.
- 3. Select the name of the server for which you want to configure the keystores (example exampleserver).
- 4. Go to 'Configuration' and select 'Keystores' tab.
- 5. In the filed 'Keystores', select the method for storing and managing private keys/digital certificate pairs and trusted CA certificates. This choice should match the one made in Section 2 of this document (Choosing the Identity and Trust Stores).
- 6. In the 'Identity' section, provide the following details:
 - Custom Identity Keystore File Name: Fully qualified path to the Identity keystore.
 - **Custom Identity Keystore Type**: Set this attribute to JKS, the type of the keystore. If left blank, it is defaulted to JKS (Java KeyStore).
 - **Custom Identity Keystore PassPhrase**: The password you enter when reading or writing to the keystore. This attribute is optional or required depending on the type of keystore. All keystores require the passphrase in order to write to the keystore. However, some keystores do not require the passphrase to read from the keystore. Oracle Weblogic server only reads from the keystore. So whether or not you define this property depends on the requirements of the keystore.
- 7. In the 'Trust' section, provide the following details:



If you choose Java Standard Trust, specify the password used to access the trust store.

If you choose **Custom Trust**, the following attributes have to be provided:

- Custom Trust Keystore: The fully qualified path to the trust keystore.
- **Custom Trust Keystore Type**: Set this attribute to JKS, the type of the keystore. If left blank, it defaults to JKS (Java KeyStore).
- **Custom Trust Keystore Passphrase**: The password you enter when reading or writing to the keystore. This attribute is optional or required depending on the type of keystore. All keystores require the passphrase in order to write to the keystore. However, some keystores do not require the passphrase to read from the keystore. Oracle Weblogic Server only reads from the keystore. So, whether or not you define this property depends on the requirements of the keystore.

When identity and trust stores are of the JKS format, the passphrases are not required.



5. Setting SSL Attributes for Managed Servers

5.1 <u>Setting SSL Attributes for Private Key Alias and</u> Password

To configure the private key alias and password, log in to the Oracle Weblogic Server Admin Console.

- 1. Under 'Change Center', click the button 'Lock & Edit'.
- 2. Expand 'Servers' node.
- 3. Select the name of the server for which you want to configure keystores (example exampleserver).
- 4. Go to 'Configuration' and select 'SSL' tab.
- 5. Select 'Keystores' from 'Identity and Trust Locations'.
- 6. Under 'Identity' section, specify the following details:
 - **Private Key Alias**: set this attribute to the alias name defined for the key pair when creating the key pair in the Identity keystore.
 - **Private Key Passphrase**: The password defined for the key pair (alias_password), at the time of its creation. . Confirm the password.
- 7. Click 'Save'.
- 8. Under 'Change Center', click 'Activate changes'.
- 9. Go to **Controls** tab, check the appropriate server and click '**Restart SSL**'. Confirm when it prompts.



6. Testing Configuration

6.1 **Testing Configuration**

Once the Oracle Weblogic has been configured for SSL, deploy the application in the usual manner. After deployment, you can test the application in SSL mode. To launch the application in SSL mode you need to enter the URL in the following format:

https://(Machine Name):(SSL_Listener_port_no)/(Context_root)

It is recommended that the Oracle FLEXCUBE INSTALLER SERVICING web application be accessed via the HTTPS channel, instead of the HTTP channel.



7. Creating Resources on Weblogic

7.1 Introduction

This document explains the steps to be executed to deploy the FCIS application and gateway application in application server.

7.2 **Resource Administration**

This section deals with the process of resource administration on Oracle Weblogic.

All the resources mention in "Resources To be Created" document are need to be created before deployment. One example for each category is explained in the following subsections.

7.2.1 Creating Data Source

The method for creating data sources is explained under the following headings.

7.2.1.1 Prerequisites

You need to create the data source with OCI enabled. For this, download Oracle Instant Client and install it. The details are given below.

Package	Download Location	Remarks
Oracle Instant Client Package	http://www.oracle.com/technetwork/ database/features/instant- client/index.html	Install Oracle Instant Client in a local directory. While configuring Weblogic for Windows or Unix/Linux box, you need to provide the directory path where Instant Client is installed.

You need to do the data source configuration with OCI driver enabled. The configurations are given below.

- Oracle Weblogic on Windows Box:
 - > Set {ORACLE_HOME} in the environment variable.
 - > Update the Environment Variable Path as {ORACLE_HOME}/Instance Client. This is required to load all the .dll files.
 - > Ensure that the *ojdbc*.jar* file in {*WL_HOME*}/*server/lib/ojdbc*.jar* is the same as the file {*ORACLE_HOME*}/*jdbc/lib/ojdbc*.jar*. This is required for ensuring compatibility.
 - > Update PATH in *StartWebLogic.bat* or in *setDomainEnv.bat*. This must be the path of directory where Oracle Instant Client is installed.



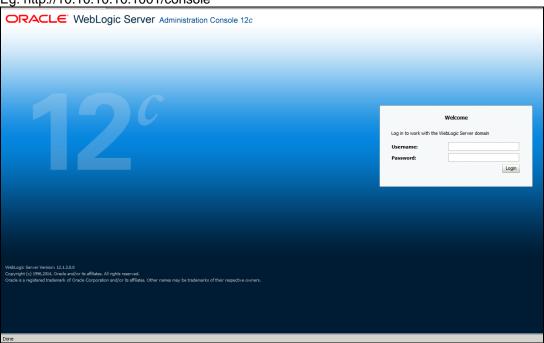
- Oracle Weblogic on Unix/Linux Box:
 - > Set {ORACLE_HOME} in the environment variable.
 - Update the environment variable LD_LIBRARY_PATH as {ORACLE_HOME}/lib. This is to load all the .so files.
 - Ensure that the ojdbc*.jar file in {WL_HOME}/server/lib/ojdbc*.jar is the same as the file {ORACLE_HOME}/jdbc/lib/ojdbc*.jar. This is to ensure compatibility.
 - > Update *LD_LIBRARY_PATH* in *StartWeblogic.sh* or in *setDomainEnv.sh*. This must be the path of directory where Oracle Instant Client is installed.
 - If you are still not able to load the .so files, then you need to update the EXTRA_JAVA_PROPERTIES by setting Djava.library.path as {ORACLE_HOME}/lib in StartWebLogic.sh or in setDomainEnv.sh.

7.2.1.2 XA Enabled Data Source for Gateway Application (MDB)

Follow the steps given below:

Start the Administrative Console of Weblogic application server. You can start this by entering Oracle Weblogic Admin Console URL in the address bar in an internet browser.

http://10.10.10.10:1001/console Eg: http://10.10.10.10:1001/console





1. Specify the Weblogic administrator user name and password. Click 'Log In'.

Navigate to Oracle Weblogic home page.

	r [®] Administration Console		C
nge Center	Home Log Out Preferences 🖂 Record Help	Q	Welcome, weblogic Connected to: fcubs113_dom
w changes and restarts	Home		
the Lock & Edit button to modify, add or			
te items in this domain.	Home Page		
Lock & Edit	- Information and Resources		
	Helpful Tools	General Information	
Release Configuration	 Configure applications 	 Common Administration Task Descriptions 	
nain Structure	 Configure GridLink for RAC Data Source 	 Read the documentation 	
s113 domain	 Recent Task Status 	 Ask a question on My Oracle Support 	
Environment	 Set your console preferences 	 Oracle Guardian Overview 	
Deployments	Domain Configurations		
iervices iecurity Realms	-	Comisso	Interoperability
ecurity Realms nteroperability	Domain	Services	
iagnostics	Domain	Messaging JMS Servers	WTC Servers
		JMS Servers Store-and-Forward Agents	Jolt Connection Pools
	Environment	MS Modules	
	Servers	 Path Services 	Diagnostics
	Clusters	 Padrides Bridges 	Log Files
	Virtual Hosts		Diagnostic Modules
	Migratable Targets	Data Sources Persistent Stores	Diagnostic Images
/ do I	Coherence Servers		Request Performance
earch the configuration	Coherence Clusters	XML Registries XML Entity Caches	Archives
se the Change Center	Machines	XML Entity Caches Foreign JNDI Providers	Context
ecord WLST Scripts	Work Managers	Horeign JNDI Providers Work Contexts	 SNMP
ange Console preferences	 Startup And Shutdown Classes 	iCOM	
noitor servers		Mail Sessions	Charts and Graphs
	Your Deployed Resources	FleT3	 Monitoring Dashboard P
em Status	Deployments	• JTA	
th of Running Servers	Vere Analization's Committee Cottings	• 304	
	Your Application's Security Settings Security Realms		
Faled (0)	 Security Realms 		
Critical (0)			
Overloaded (0)			
Warning (0)			
OK (2)			
bLogic Server Version: 10.3.4.0			
iyright © 1996,2010, Oracle and/or its affiliates cle is a registered trademark of Oracle Corpor	. All rights reserved. ation and/or its affiliates. Other names may be trademarks of their resp		
			Section Section Section 10 Sectio

2. Click 'LOCK & EDIT'.

Following screen is displayed:

New danges and reatists a packing tanges exit. Clik The Barkset exit. Clik The Bark	🚖 🏟 🌈 Summary of JDBC Data Sources - fou	ubs113_domain			🏠 * 🔝 * 🖶 * 📴 Bage * 🎯	🕽 Tools 🔹
		Administration Console				Q [′]
Net	Change Center	🏠 Home Log Out Preferences 🔤 Record Help	٩		Welcome, weblogic Connected to: fcubs113_	domain
toring a solution to allow offer to all of the Solution to allow of	View changes and restarts	Home >Summary of JDBC Data Sources				
toruin. Los 6 Set Researce Configuration Main Structure Provide Set Provide Se	No pending changes exist. Click the Release	Summary of JDBC Data Sources				
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	WebLogic Server Version: 10.3.4.0 Copyright © 1996,2010, Oracle and/or its affiliates. All r Oracle is a registered trademark of Oracle Corporation	rights reserved. n and/or its affiliates. Other names may be trademarks of thei	r respective owners.			
					🔍 Local intranet 🔍 1	100% -



3. Expand 'Services' and then 'Data Sources' under it. Click 'Lock & Edit' button.

ORACLE WebLogic Server				Q
Change Center	🙆 Home Log Out Preferences 🔤 Recor	rd Help	Q	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources			
No pending changes exist. Click the Release	Summary of JDBC Data Sources			
Configuration button to allow others to edit the domain.	Configuration Monitoring			
	Congereter Ponterty			
Release Configuration	A JDBC data source is an object bound to borrow a database connection from a dat	the JNDI tree that provides datab a source.	ase connectivity through a pool of JUBC co	nnections. Applications can look up a data source on the JNDI tree and then
	This page summarizes the JDBC data sour	re objects that have been created	in this domain	
Domain Structure	This page summarizes the solid data sour	ce objects that have been created	in this domain.	
fcubs113_domain	Customize this table			
Deployments	V Customize this table			
E Services	Data Sources (Filtered - More Colum	ins Exist)		
Hessaging	New V Delete			Showing 1 to 2 of 2 Previous Next
Data Sources Persistent Stores				Showing 1 to 2 of 2 Previous Next
Foreign JNDI Providers	Generic Data Source	Туре	JNDI Name	Targets
-Work Contexts	GridLink Data Source	Type	Shor name	Targets
XML Registries	Multi Data Source	Generic	jdbc/fcjdevDS	ManagedServer1
XML Entity Caches				
JCOM	FCUBS113Branch	Generic	jdbc/fcjdevDSBranch	ManagedServer 1
Mail Sessions	New V Delete			Showing 1 to 2 of 2 Previous Next
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How do I				
Create JDBC generic data sources				
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System Status 😑	1			
Health of Running Servers				
Failed (0)	1			
Critical (0)				
Overloaded (0)				
Warning (0)				
OK (2)				
WebLogic Server Version: 10.3.4.0	1			
Copyright @ 1996,2010, Oracle and/or its affiliates. J				
	ion and/or its affiliates. Other names may be trademark	ks of their respective owners.		

4. To create a new data source, click 'New' and select 'Generic Data Source'. The following screen is displayed.

😭 🔅 Create a New JDBC Data Source - fo	cubs113_domain		🏠 🔹 🗟 🔹 🖶 Bage 🔹 🎯 Tgols 🔹 🎽
	Administration Console		Q
Change Center	🙆 Home Log Out Preferences 🔤	Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sou	irces	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain. Lock & Edit Release Configuration		d to identify your new JDBC data source.	
Domain Structure	* Indicates required fields		
fcubs113_domain ⊕ Environment ⊖oployments ⊕ Services ⊕ Messaging	What would you like to name your ne	ew JDBC data source? FLEXTEST.WORLD	
Dotta Source Perset Source Press Nucl Providers "Work Contexts "A& Repairies "COM "All Resigning "COM "Mail Session Tom do 1_	What INDE name would you like to as dig JNDI Hame: FLEXTEST.WORLD	sign to your new JBBC Data Source?	
10w 00 1	What database type would you like to	in calact0	
Create JDBC generic data sources Create LLR-enabled JDBC data sources	Database Type:	Oracle	
System Status Health of Running Servers	Back Next Finish Cancel		
Paled (0) Critical (0) Critical (0) Cverlaaded (0) Warning (0) CK (2) Wetkloop Server Version (0.3-4.6)			
Copyright © 1996,2010, Oracle and/or its affiliates. All Oracle is a registered trademark of Oracle Corporation	rights reserved. n and/or its affiliates. Other names may be tra		

5. Specify the following details:

JDBC Datasource Name	FLEXTEST.WORLD
JNDI Name	FLEXTEST.WORLD
Database Type	Oracle



6. Click 'Next'.

The following screen is displayed:

🚖 🏘 🔠 🔹 🏉 Oracle WebLogic Server Adr	n 🏈 Create a New JDBC Data 🗴		🏠 🔹 🔝 👘 🖶 🐑 Bage 🗸 🎯 Tools 🗸 🎽
			Q
Change Center View changes and restarts	Home Log Out Preferences Record Help Home >Summary of Deployments >Summary of Servers >ManagedServer1 >5	ummary of JDBC Data Sources	Welcome, weblogic Connected to: fcubs113_domain
No pendig dongs exist. Click the Release Configuration button to allow others to edit the domain. Lock & Edit. Release Configuration	Create a New JDBC Data Source Back Hext Frind Cancel JDBC Data Source Properties The following properties will be used to identify your new JDBC data source	26.	
Domain Structure	Database Type: Oracle		
Functionant Image: Constraint of the	What database driver would you like to use to create database connector Database Driver:		ade Weblage Server.
System Status Health of Running Servers			
Failed (0) Critical (0) Overloaded (0) Warning (0) OK (2)			
WebLogic Server Version: 10.3.4.0 Copyright © 1996,2010, Oracle and/or its affiliates. All Oracle is a registered trademark of Oracle Corporation	rights reserved. and/or its affiliates. Other names may be trademarks of their respective owners.		

7. Select the XA database driver as shown in the figure. Click 'Next'.

😭 🏟 🔡 🔹 🏉 Oracle WebLogic Server Adi	m 🌈 Create a New JDBC Data X		🏠 🔹 🔂 👘 🖶 Bage 🕶 🎯 Tools 👻			
ORACLE WebLogic Server® Administration Console						
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Q	Welcome, weblogic Connected to: fcubs113_domain			
View changes and restarts	Home >Summary of Deployments >Summary of JDBC Data S	Sources				
No pending changes exist. Click the Release Configuration button to allow others to exit the contain. Lock & Edit Release Configuration Domain Structure Fudds 113_domain & B*Envices B*Previces	Configuration sees sout. Click the Release Configuration Conce & Edit Release Configuration Conce Release Configu					
How do L						
Create JDBC generic data sources Create LLR-enabled JDBC data sources System Status						
Health of Running Servers						
Faled (0) Critical (0) Overloaded (0) Warning (0) OK (2)						
WebLogic Server Version: 10.3.4.0 Copyright (3 1996,2010, Oracle and/or its affiliates. All Oracle is a registered trademark of Oracle Corporation	rights reserved. n and/or its affiliates. Other names may be trademarks of their respecti	ve owners.				



8. Click 'Next'. The following screen is displayed:

🚖 🕸 🌈 Create a New JDBC Data Source - Fo	cubs113_domain		🏠 🔹 🔝 👘 🔹 📴 Eage 🔹 🎯 T <u>o</u> ols 🔹		
	Administration Console		Q		
Change Center	🏦 Home Log Out Preferences 🔤 Record Help		Welcome, weblogic Connected to: fcubs113_domain		
View changes and restarts	Home >Summary of JDBC Data Sources				
No pending changes exist. Click the Release Configuration button to allow others to edit the domain. Lock & Edit Release Configuration	Create a Hew JDBC Data Source Back Next Finish Cancel Connection Properties Define Connecton Properties.				
Domain Structure	What is the name of the database you would like to	o connect to?			
fcubs113_domain Tenvironment Deployments	Database Name:	KERDEV2			
Services Bervices Data Sources Persistent Stores	What is the name or IP address of the database se Host Name:	erver? 10.10.10.10			
Foreign JNDI Providers Work Contexts XML Registries	What is the port on the database server used to co	onnect to the database?			
XML Entity Caches 	Port:	1010			
Mail Sessions File T3	What database account user name do you want to	o use to create database connections?			
How do I	Database User Name:	FCPB1121			
Create JDBC generic data sources Create LLR-enabled JDBC data sources	What is the database account password to use to	create database connections?			
System Status	Password:	•••••			
Health of Running Servers	Confirm Password:	•••••			
Failed (0) Critical (0) Overloaded (0)	Back Next Finish Cancel				
Varnnp (0)					
WebLogic Server Version: 10.3.4.0 Copyright © 1996,2010, Oracle and/or its affiliates. All I Oracle is a registered trademark of Oracle Corporation	WebCopic Server Vention: IB34.0 Coprophile 10 1996-0310, Oracle and/or balfilates. All rights reserved. Oracle a sengitates indicational of Oracle Control and/or balfilates. Other rams may be trademarks of their respective owners.				

- 9. This screen defines the connection properties. Set the details as shown below:
- 10. Specify the Database Name, Host Name, Port of the database server to connect, Database User Name and Password. Confirm the password.
- 11. Click 'Next'.

The following screen is displayed.

🏀 Create a New JDBC Data Source - DefaultDom	nain		🚡 🔻 🖾 👻 🖃 🗮 💌 Page 🕶 Safety 🕶 Tools 🕶 🔞 🕶			
	dministration Console		Q <u></u>			
Change Center	🟦 Home Log Out Preferences 🔤 Record Help		Welcome, weblogic Connected to: DefaultDomain			
View changes and restarts	Home >Summary of JDBC Data Sources					
Configuration editing is enabled. Future changes will automatically be activated as you						
modify, add or delete items in this domain.	Test Configuration Back Next Finish Cancel					
Domain Structure	Test Database Connection					
DefaultDomain A	Test the database availability and the connection	n properties you provided.				
Deployments Services	What is the full package name of JDBC driver class	s used to create database connections in the connection pool?				
⊕-Messaging ⊟-JDBC	(Note that this driver class must be in the classpat	h of any server to which it is deployed.)				
Data Sources	Driver Class Name:					
	briver class name:	oracle.jdbc.OracleDriver				
Persistent Stores Foreign JNDI Providers	What is the URL of the database to connect to? The second	he format of the URL varies by JDBC driver.	E			
Coherence Clusters Work Contexts	URL:	jdbc:oracle:thin:@10.10.10				
XMI Registries						
How do I 🗉	What database account user name do you want to	o use to create database connections?				
Create JDBC data sources	Database User Name:	FCPB1121				
Create LLR-enabled JDBC data sources	What is the database account password to use to	create database connections?				
System Status	(Note: for secure password management, enter th	he password in the Password field instead of the Properties field below)				
Health of Running Servers						
Failed (0)	Password:	•••••				
Critical (0) Overloaded (0)	Confirm Password:	•••••				
Warning (0)						
OK (1)	What are the properties to pass to the JDBC drive	er when creating database connections?				
	Properties:					
	udel-l'OfDilli					
	What table name or SQL statement would you like	to use to test database connections?				
	Test Table Name		-			



- 12. Specify the Driver Class Name (Eg: oracle.jdbc.OracleDriver)
- 13. Specify the URL.
- 14. jdbc:oracle:thin:@10.10.10.10:1001:<INSTANCE_NAME>Specify the Database Username (Eg: FCPB1121) and password.
- 15. Confirm the password.
- 16. Click 'Test Configuration' tab.

If the connection is established successfully, the message 'Connection test succeeded' is displayed.

🚖 🚸 🌈 Create a New JDBC Data Source - for	subs113_domain		🐴 🔹 🗟 🔹 🖶 Eage 🔹 🎯 Tools 🔹 🎽			
	Administration Console		Q 🌢			
Change Center	🔒 Home Log Out Preferences 🔤 Record Help		Welcome, weblogic Connected to: fcubs113_domain			
View changes and restarts	Home >Summary of JDBC Data Sources					
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Messages Connection test succeeded.					
Lock & Edit	Create a New JDBC Data Source					
Release Configuration	Test Configuration Back Next Finish	Cancel				
Domain Structure	Test Database Connection					
fçubs113_domain	Test the database availability and the connection	properties you provided.				
Environment Deployments	What is the full package name of JDBC driver class	used to create database connections in the connection pool?				
E-Services	(Note that this driver class must be in the classpath	h of any server to which it is deployed.)	3			
B-Messaging Data Sources Persistent Stores Foreign JNDI Providers	Driver Class Name:	oracle.jdbc.OracleDriver				
Work Contexts XML Registries	What is the URL of the database to connect to? Th	ne format of the URL varies by JDBC driver.				
XML Entity Caches 	URL:	jdbc:oraclethin:@10.10.10.				
	What database account user name do you want to	o use to create database connections?				
How do I	Database User Name:	FCPB1121				
Create JDBC generic data sources						
Create LLR-enabled JDBC data sources	What is the database account password to use to					
System Status	(Note: for secure password management, enter th	ne password in the Password field instead of the Properties field be	low)			
Health of Running Servers Failed (0)	Password:	•••••				
Critical (0)	Confirm Password:	••••••				
Overloaded (0)						
Warning (0)	What are the properties to pass to the JDBC driver	r when creating database connections?				
OK (2)	Properties:					
	user=FCPB1121					
Done	1		Local intranet 🔍 100% 💌			
			Groca incraiter 4 100 %			



17. Click 'Next'.

The following screen is displayed:

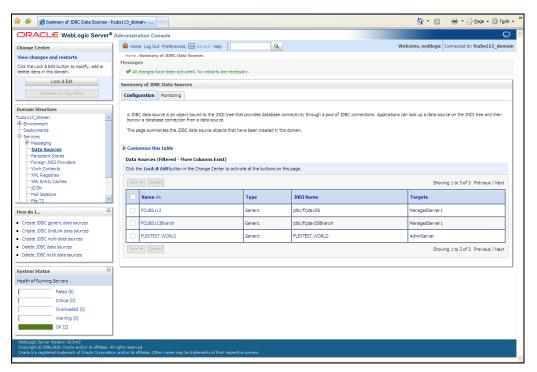
🚖 🏘 🏀 Create a New JDBC Data Source - f	cubs113_domain	🟠 🔹 🔝 🕤 🖶 Page + 🎯 Tools + 🎇
	Administration Console	Q 🍊
Change Center View changes and restarts	Home Log Out Preferences A Record Help Home >Summary of JDBC Data Sources	Welcome, weblogic Connected to: fcubs113_domain
No pending changes exist. Click the Release Configuration button to allow others to edit the domain. Look & Edit Release Configuration	Create a New JDBC Data Source Back Trent Cancel Select Targets You can select one or more targets to deploy your new JDBC data source. If you don't select a target, the data	source will be created but not deployed. You will need to deploy the data source at
Domain Structure fcubs113_domain	a later time. Servers	
B-Environment Deployments El-Services El-Messaging	AdminServer	
Data Sources Poreign_IND1Providers Work Contexts Work Contexts WAL Entity Caches 	Back Trint Frieh Cancel	
How do L		
Create JDBC generic data sources Create LLR-enabled JDBC data sources		
System Status		
Health of Running Servers Field (0) Oritical (0) Overloaded (0) Warming (0) OK (2)		
WebLogic Server Version: 10.3.4.0 Copyright © 1996,2010, Oracle and/or its affiliates. All Oracle is a registered trademark of Oracle Corporation	rights reserved. In and/or is affiliates. Other names may be trademarks of their respective owners.	

18. Check the boxes against the required servers. Click 'Finish'. The following screen is displayed:

	<u>.</u>	iome Log Out Preferences		Q		Walsoma wab	logic Connected to: fcubs113 domai
ange Center		e >Summary of JDBC Dat		<u> </u>		weicome, web	ogic connected to: icubsr15_domai
ew changes and restarts							
nding changes exist. They must be activated take effect.	Sumn	nary of JDBC Data Sour	ces				
Activate Changes	Conf	figuration Monitoring					
Undo All Changes	A J	DBC data source is an obje row a database connection	ct bound to the JNDI tre	ee that provides database conr	ectivity through a pool of JDBC connections.	Applications can look up a da	ata source on the JNDI tree and then
omain Structure							
bs113_domain	This	s page summarizes the JDB	C data source objects ti	hat have been created in this d	omain.		
Environment							
"Deployments "Services	P Cu	stomize this table					
Messaging	Dat	a Sources (Filtered - M	ore Columns Exist)				
Data Sources Persistent Stores	Ne	ew 🛩 Delete					Showing 1 to 3 of 3 Previous Next
···Foreign JNDI Providers		Name 🚸		-	JNDI Name		
Work Contexts XML Registries		I name «»		Туре	JNDI Name	Targets	
XML Entity Caches		FCUBS113		Generic	jdbc/fcjdevDS	ManagedSe	rver1
Mail Sessions		FCUBS113Branch		Generic	jdbc/fcjdevDSBranch	ManagedSe	erver1
w do I	E	FLEXTEST.WORLD		Generic	FLEXTEST.WORLD	AdminServe	B.
Create JDBC generic data sources	Ne	ew 🛩 Delete					Showing 1 to 3 of 3 Previous Next
Create JDBC generic data sources							
Create JDBC multi data sources							
Delete JDBC data sources							
Delete JDBC multi data sources							
stem Status							
alth of Running Servers							
Failed (0)							
Critical (0)							
Overloaded (0)							
Warning (0)							
OK (2)							



19. Click 'Activate Changes' button. Click 'Activate Changes' button on the left pane. The message 'All the changes have been activated. No restarts are necessary' is displayed.



20. 'FLEXTEST.WORLD' datasource has been created.



7.2.1.3 Non-XA Enabled Data Source For FCIS Application

 Follow the steps given below:Start the Administrative Console of Weblogic application server. You can start this by entering Oracle Weblogic Admin Console URL in the address bar in an internet browser.

http:10.10.10.10:1001/console Eg: http://10.10.10.10:1001/console

🚺 Oracle WebLogic Server Administrati	•
ORACLE' WebLogic Server Administration Console 12c	
120	Wekome Log in to work with the WebLogic Server doman Username: Password: Login
Webbagic Server Venion: 12.1.3.0.0 Copyright (c) 1996-1014. Oracle and/or its affiliates. All rights reserved. Oracle is a registered trademark of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.	

2. Specify the Weblogic administrator user name and password. Click 'Log In'.



3. Navigate to Oracle Weblogic home page.

RACLE WebLogic Server®	Administration Console		9
ge Center	🔒 Home Log Out Preferences 🔤 Record Help	٩	Welcome, weblogic Connected to: fcubs113_dom
changes and restarts	Home		
the Lock & Edit button to modify, add or	Home Page		
e items in this domain.	- Information and Resources		
Lock & Edit	Helpful Tools	General Information	
Release Configuration	Configure applications	Common Administration Task Descriptions	
	 Configure GridLink for RAC Data Source 	 Read the documentation 	
ain Structure	 Recent Task Status 	 Ask a question on My Oracle Support 	
113_domain pvironment	 Set your console preferences 	 Oracle Guardian Overview 	
eployments	Domain Configurations		
ervices ecurity Realms	Domain	Services	Interoperability
teroperability	Domain	Messaging	WTC Servers
agnostics	· Donan	 Messaging JMS Servers 	Jolt Connection Pools
	Environment	 Store-and-Forward Agents 	
	Servers	 JMS Modules 	Diagnostics
	Clusters	 Path Services 	Log Files
	Virtual Hosts	 Bridges 	Diagnostic Modules
	Migratable Targets	Data Sources	Diagnostic Images
do L.,	Coherence Servers	Persistent Stores	Request Performance
	Coherence Clusters	XML Registries	Archives
arch the configuration	Machines	 XML Entity Caches 	Context
e the Change Center	Work Managers	 Foreign JNDI Providers 	SNMP
cord WLST Scripts ange Console preferences	 Startup And Shutdown Classes 	Work Contexts	
ange console preterences nitor servers		• jCOM	Charts and Graphs
hitor servers	Your Deployed Resources	Mail Sessions	 Monitoring Dashboard 69
em Status 😑	Deployments	FileT3	
n of Running Servers	w the lease	• ЛА	
-	Your Application's Security Settings Security Realms		
Falled (0)	 Security Keams 		
Critical (0)			
Overloaded (0)			
Warning (0)			
OK (2)			
ogic Server Version: 10.3.4.0			

The following screen is displayed:

🚖 🎄 🍘 Summary of JDBC Data Sources - fou	ubs113_d	domain				🏠 🔹 🔝 🕤 🖶 🔹 📴 Bage 🔹 🎯 Tgols 🔹
	Adminis	stration Console				Q 🕯
Change Center		Home Log Out Preferences 📐 Re		٩	w	Velcome, weblogic Connected to: fcubs113_domain
View changes and restarts		me >Summary of JDBC Data Source	5			
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.		mary of JDBC Data Sources				
Lock & Edit						
Release Configuration	bor	rrow a database connection from a	data source.		nectivity through a pool of JDBC connections. Applications of	an look up a data source on the JNDI tree and then
Domain Structure	This	is page summarizes the JDBC data s	ource objects that	have been created in this	domain.	
fcubs113_domain E-services Messaging		istomize this table ta Sources (Filtered - More Col	umns Exist)			
Data Sources	Ne	lew 🛩 Delete				Showing 1 to 2 of 2 Previous Next
Persistent Stores Foreign JNDI Providers Work Contexts		🗌 Name 🗇		Туре	JNDI Name	Targets
····XML Registries		FCUBS113		Generic	jdbc/fcjdevDS	ManagedServer1
XML Entity Caches 		FCUBS113Branch		Generic	jdbc/fcjdevDSBranch	ManagedServer1
Fle T3	Ne	lew 🛩 Delete		-		Showing 1 to 2 of 2 Previous Next
How do L						
Create JDBC generic data sources						
Create JDBC GridLink data sources Create JDBC multi data sources						
Delete JDBC data sources						
Delete JDBC multi data sources						
System Status						
Health of Running Servers						
Failed (0)						
Critical (0)						
Overloaded (0)						
Warning (0)						
OK (2)						
WebLogic Server Version: 10.3.4.0 Copyright © 1996,2010, Oracle and/or its affiliates. All r Oracle is a registered trademark of Oracle Corporation	rights rese n and/or its	erved. ts affiliates. Other names may be trader	narks of their respec	tive owners.		~



4. Expand 'Services' and then 'Data Sources' under it. Click 'Lock & Edit' button.

Summary of JDBC Data Sources - f	cubs113_domain			🦄 🔹 🔝 🕤 🖶 🔹 🔂 Eage 🕶 🎯 Tgols
DRACLE WebLogic Server®	Administration Console			Q
hange Center	🏠 Home Log Out Preferences 🔤 Record H	elp 🔍 🔍		Welcome, weblogic Connected to: fcubs113_domai
/iew changes and restarts	Home >Summary of JDBC Data Sources			
to pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Summary of JDBC Data Sources Configuration Monitoring			
Lock & Edit				
Release Configuration	A JDBC data source is an object bound to the borrow a database connection from a data sou	INDI tree that provides database rce.	connectivity through a pool of JDBC connect	tions. Applications can look up a data source on the JNDI tree and then
Domain Structure	This page summarizes the JDBC data source ob	jects that have been created in	this domain.	
ubs113_domain				
E-Environment Deployments	Customize this table			
- Services	Data Sources (Filtered - More Columns E	xist)		
E Messaging	New Y Delete			Showing 1 to 2 of 2 Previous Next
Data Sources Persistent Stores				Showing 1 to 2 or 2 Previous Next
Foreign JNDI Providers	Generic Data Source	Туре	JNDI Name	Targets
Work Contexts	GridLink Data Source			
····XML Registries	Multi Data Source	Generic	jdbc/fcjdevDS	ManagedServer 1
COM	FCUBS113Branch	Generic	jdbc/fcjdevDSBranch	ManagedServer 1
····Mail Sessions				
File T3	New - Delete			Showing 1 to 2 of 2 Previous Next
low do I 😑				
Create JDBC generic data sources				
Create JDBC GridLink data sources				
Create JDBC multi data sources				
Delete JDBC data sources				
Delete JDBC multi data sources				
	1			
system Status				
lealth of Running Servers				
Failed (0)				
Critical (0)				
Overloaded (0)				
Warning (0)				
OK (2)				

5. To create a new data source, click 'New' and select 'Generic Data Source'.

ew changes and restarts	Home Log Out Preferences Record +		0
and a second		eb Q	Welcome, weblogic Connected to: fcubs113_domain
ew changes and restarts	Englished and the second s		
	Home sources should be sources should be	113 - Summary of Deployments SPEUES113Dev Sourmary of	Deployments a Summary of JDBC Data Sources a FCUBS113 a Summary of JDBC Data Sources
nding changes exist. They must be activated take effect.	Create a New JDBC Data Source		
Activate Changes	Back Next From Cancel		
Undo All Changes	JDBC Data Source Properties		
	The following properties will be used to identif	y your new JDBC data source.	
omain Structure	* Indicates required fields		
bs113_domain ·			
Deployments	What would you like to name your new 3DBC do	ata source?	
Services	n Name:	UBSDS	
Messaging Data Sources	FU	UBSUS	
Persistent Stores	What 3NDI name would you like to assign to yo	ur new JDBC Data Source?	
Foreign JNDI Providers Work Contexts			
- XML Registries	a JNDI Name:		
XML Entity Caches	jdbc/fcjdevDS	E	
-)COM			
-Mail Sessions File T3			
w do L. E		100	
Create JDBC generic data sources	What database type would you like to select?		
Create LLR-enabled JDBC data sources	what callebase type would you ske to select?		
	Database Type: Or	acle	
stem Status	LZ		
salth of Running Servers	Back Next Finan Cancel		
Faled (0)			
Critical (0)			
Overloaded (0)			
Warning (0)			
OK (2)			
ebLogic Server Version: 10.3.4.0 covvight © 1996,2010, Oracie and/or its affiliates. All riv	i i se a constante e const		



6. Specify the following details:

JDBC Datasource Name	FCISDS
JNDI Name	jdbc/fcjdevDS
Database Type	Oracle

7. Click 'Next'.

🚖 🕸 🌈 Create a New JDBC Data Source - fo	cubs113_domain	🏠 🔹 🔝 🕤 🖶 🔹 📴 Bage 🔹 🎯 T <u>o</u> ols 🔹 🎽
	Administration Console	Q
Change Center	😰 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources	
No pending changes exist. Click the Release Configuration button to allow others to edit the	Create a New JDBC Data Source	
domain.	Back Next Frish Cancel	
Release Configuration	JDBC Data Source Properties	
Recease comparation	The following properties will be used to identify your new JDBC data source.	
Domain Structure	Database Type: Oracle	
fcubs113_domain	What database driver would you like to use to create database connections? Note: " indicates that the driver is explicitly supported	by Oracle WebLogic Server.
Deployments El-Services	Database Driver: [*Oracle's Driver (Thin) for Instance connections: Versions: 9.0.1 and later	
Messaging	"Oracle's Driver (Thin) for instance connections; Versions:9.0.1 and later	
Data Sources Persistent Stores	Back Next Finish Cancel	
Foreign JNDI Providers Work Contexts		
····XML Registries		
XML Entity Caches jCOM		
Mail Sessions		
How do I		
Create JDBC generic data sources		
Create LLR-enabled JDBC data sources		
System Status		
Health of Running Servers		
Failed (0)		
Critical (0)		
Overloaded (0) Warning (0)		
OK (2)		
WebLogic Server Version: 10.3.4.0 Copyright © 1996,2010, Oracle and/or its affiliates. All	rights reserved.	
Oracle is a registered trademark of Oracle Corporation	n and/or its affiliates. Other names may be trademarks of their respective owners.	



8. Select the database driver as shown in the figure. Click 'Next'.

🚖 💠 🌈 Create a New JDBC Data Source - f	cubs113_domain	🟠 🔹 🔂 🕤 🖶 😨 Bage 🗸 🎯 T <u>o</u> ols 🔹 🎽				
	Administration Console	Q 🤷				
Change Center View changes and restarts	Home Log Out Preferences A Record Help Home >Summary of JDBC Data Sources	Welcome, weblogic Connected to: fcubs113_domain				
No pending changes exist. Click the Release Configuration button to allow others to edit the domain. Lock & Edit Release Configuration	Create a New JDBC Data Source Back Next Frish Cancel Transaction Options You have selected non-XA JDBC driver to create database connection in your new data source.					
Domain Structure fcubs113_domain	Does this data source support global transactions? If yes, please choose the transaction protocol for this data sour	ce.				
"Upployments B"-Services Data Sources Persistent Stores Persistent Inters	Select this option if you want to enable non-XA XOBC connections from the data source to participate in global trans Recommended in place of Emulate Two-Phase Commt. Cogging Last Resource	sections using the Lopping Last Resource (LIR) transaction optimization.				
Work Contexts XML Registries XML Entity Caches 	Select this option if you want to enable non-XA JOBC connections from the data source to emulate participation in g heuratic conditions. Emulate Two-Phase Commit	lobal transactions using JTA. Select this option only if your application can tolerate				
How do L	Select this option if you want to enable non-X4.DBC connections from the data source to participate in global transactions using the one-phase commit transaction processing. With this other resources can participate in the global transaction.					
Create JDBC generic data sources Create LLR-enabled JDBC data sources	One-Phase Commit					
System Status	Back, Next, Finish Cancel					
Health of Running Servers Failed (0) Critical (0) Overloaded (0) Warning (0) OK (2)						
WebLogic Server Version: 10.3.4.0 Copyright © 1996,2010, Oracle and/or its affiliates. All Oracle is a registered trademark of Oracle Corporation	rights reserved. nard/or its affiliates. Other names may be trademarks of their respective owners.					

Following screen is displayed:

9. Select Logging Last Resource then uncheck 'Support Global Transactions'. Click 'Next'. The following screen is displayed:

🚖 🎄 🍘 Create a New JDBC Data Source - fo	subs113_domain		🟠 🔹 🔂 👘 🖶 🔁 Bage 🔹 🎯 Tools 🔹		
	Administration Console		Q		
Change Center	💼 Home Log Out Preferences 🔤 Record Help	Q.	Welcome, weblogic Connected to: fcubs113_domain		
View changes and restarts	Home >Summary of JDBC Data Sources				
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Create a New JDBC Data Source Back Next Finish Cancel				
Release Configuration	Connection Properties Define Connection Properties.				
Domain Structure	What is the name of the database you would like to c	onnect to?			
fcubs113_domain	Database Name:	KERDEV2			
Services Bervices Data Sources Persistent Stores	What is the name or IP address of the database serv Host Name:	er?			
Foreign JNDI Providers Work Contexts XML Registries	What is the port on the database server used to connect to the database?				
···XML Entity Caches ···jCOM	Port:	1010			
	What database account user name do you want to us	se to create database connections?			
How do I	Database User Name:	FCPB1121			
Create JDBC generic data sources Create LLR-enabled JDBC data sources	What is the database account password to use to cre	ate database connections?			
System Status	Password:	•••••			
Health of Running Servers	Confirm Password:	•••••			
Failed (0) Critical (0) Overloaded (0)	Back Next Finish Cancel				
Warning (0) OK (2)					
WebLogic Server Version: 10.3.4.0 Copyright © 1996;2010, Oracle and/or its affiliates. All Oracle is a registered trademark of Oracle Corporation	rights reserved. and/or its affiliates. Other names may be trademarks of their i	respective owners.			

- 10. This screen defines the connection properties. Set the details as given below:
- 11. Specify the Database Name, Host Name, Port of the database server to connect, Database User Name and Password. Confirm the password.



12. Click 'Next'. The following screen is displayed.

🚖 🔅 🌈 Create a New JDBC Data Source - fou	ubs113_domain		🛐 • 🔊 - 🖶 Page • 🎯 Tgols • 🎽		
ORACLE WebLogic Server® A	dministration Console				
Change Center	🏠 Home Log Out Preferences 🔤 Record Help	Q.	Welcome, weblogic Connected to: fcubs113_domain		
View changes and restarts	Home >Summary of JDBC Data Sources	· · · · · · · · · · · · · · · · · · ·			
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Create a New JDBC Data Source Test Configuration Back Next Finish Ca	ncel			
Lock & Edit	Test Database Connection				
Release Configuration	Test the database availability and the connection pro	operties you provided.			
Domain Structure	What is the full package name of JDBC driver class use	ed to create database connections in the connection pool?			
fcubs113_domain	(Note that this driver class must be in the classpath of	any server to which it is deployed.)			
DeploymentsServices Messaging	Driver Class Name:	oracle.jdbc.OracleDriver	3		
Data Sources Persistent Stores	What is the URL of the database to connect to? The fi	ormat of the URL varies by JDBC driver.			
Foreign JNDI Providers Work Contexts XML Registries	URL:	jdbc:oracle:oci:@10.10.10			
XML Entity Caches jCOM	What database account user name do you want to use to create database connections?				
Mail Sessions	Database User Name:	FCPB1121			
How do I	What is the database account password to use to create	ate database connections?			
Create JDBC generic data sources Create LLR-enabled JDBC data sources	(Note: for secure password management, enter the p	assword in the Password field instead of the Properties field	below)		
Create LLR-enabled JUBC data sources System Status	Password:	••••••			
Health of Running Servers Failed (0)	Confirm Password:	••••••			
Critical (0) Overloaded (0)	What are the properties to pass to the JDBC driver wh	nen creating database connections?			
Warning (0)	Properties: user=FCPB1121				
OK (2)	user=FCFH121				
	The set of driver properties whose values are derived	at runtime from the named system property.			
	Sustam Branastias				
Done			Succal intranet 🔍 100% 👻 🦿		

- 13. Specify the Driver Class Name (Eg: oracle.jdbc.OracleDriver)
- 14. Specify the URL.

Default URL: jdbc:oracle:thin:@10.10.10.10:1001:<INSTANCE_NAME>. Change the default URL to: jdbc:oracle:oci:@10.10.10.10:1010:<INSTANCE_NAME>

- 15. Specify the Database Username (Eg: testdb) and password.
- 16. Confirm the password.
- 17. Click 'Test Configuration' tab.



18. If the connection is established successfully, the message 'Connection test succeeded' is displayed.

🚖 🎄 🌈 Greate a New JDBC Data Source - fo	ubs113_domain		🚵 🔹 🔝 🐁 🖶 🔹 🔂 Page 🗙 🎯 T <u>o</u> ols 🔹 🎽
	dministration Console		Q 🌢
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Q	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources		
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Messages Connection test succeeded.		
Lock & Edit	Create a New JDBC Data Source		
Release Configuration	Test Configuration Back Next Finish Cancel		
Domain Structure	Test Database Connection		
fçubs113_domain	Test the database availability and the connection properties yo	u provided.	
⊕-Environment → Deployments ⊟-Services ⊕-Messaging	Ind restarts ex exits. 100: 0.61: the Release the the solution to solution the solution of the URL varies by URC data Sources Pressages		
Data Sources Persistent Stores Foreign JNDI Providers			
···Work Contexts ···XML Registries	What is the URL of the database to connect to? The format of the	e URL varies by JDBC driver.	
XML Entity Caches jCOM Mail Sessions	URL:	jdbc:oracle:oci:@10.10.10.	
Fie T3	What database account user name do you want to use to create	database connections?	
10w 00 1	Database User Name:	FCPB1121	
Create JDBC generic data sources Create LLR-enabled JDBC data sources	What is the database account password to use to create databa	se connections?	
System Status	(Note: for secure password management, enter the password in	the Password field instead of the Properties field below)	
Health of Running Servers Failed (0)	Password:	•••••	
	Confirm Password:	•••••	
	What are the properties to pass to the JDBC driver when creating	g database connections?	
(4)			
	user=:Crb1121		
Done			🖌 📢 Local intranet 🔍 100% 👻
0010			Storaunicalier 4100% +

19. Click 'Next'. The following screen is displayed:

😭 🎄 🌈 Create a New JDBC Data Source - fou	ubs113_domain		🏠 🔹 🔝 🐇 🖶 Page + 🎯 Tools +
	dministration Console		Q
Change Center	🏠 Home Log Out Preferences 🔤 Record Help	٩	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources		
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Create a New JDBC Data Source Back Text Finish Cancel		
Release Configuration	Select Targets You can select one or more targets to deploy your ne a later time.	w JDBC data source. If you	you don't select a target, the data source will be created but not deployed. You will need to deploy the data source at
Domain Structure fcubs113 domain	Servers		
Environment Deployments Services	AdminServer		
B-Messaging Data Sources Persistent Stores Foreign JNDI Providers	ManagedServer1		
Work Contexts XML Registries XML Entity Caches	Back Next Finish Cancel		
How do L			
Create JDBC generic data sources Create LLR-enabled JDBC data sources			
System Status			
Health of Running Servers			
Failed (0)			
Critical (0)			
Overloaded (0)			
Warning (0) OK (2)			
WebLogic Server Version: 10.3.4.0 Copyright © 1996,2010, Oracle and/or its affiliates. All ri Oracle is a registered trademark of Oracle Corporation	ights reserved. and/or its affiliates. Other names may be trademarks of their re	spective owners.	



20. Check the boxes against the required servers. Click 'Finish'. The following screen is displayed:

hange Center	Hor	me Log Out Preferences 🔤 Record He	lp Q		Welcome, weblogic Connected to: fcubs113_doma
View changes and restarts	Home	>Summary of JDBC Data Sources			
Pending changes exist. They must be activated to take effect.	Summa	ary of JDBC Data Sources			
Activate Changes	Config	guration Monitoring			
Undo All Changes	A JDI	BC data source is an object bound to the JI w a database connection from a data sour	NDI tree that provides database	connectivity through a pool of JDBC connec	tions. Applications can look up a data source on the JNDI tree and then
omain Structure		page summarizes the JDBC data source obj		his domain.	
Environment Deployments		tomize this table			
E-Services					
-Messaging	Data	Sources (Filtered - More Columns Ex	cist)		
Data Sources Persistent Stores	Nev	v ▼ Delete			Showing 1 to 3 of 3 Previous Next
····Foreign JNDI Providers ····Work Contexts ····XML Registries		Name 🏟	Туре	JNDI Name	Targets
···XML Entity Caches		FCUBS113	Generic	jdbc/fcjdevDS	ManagedServer1
jCOM Mail Sessions File T3		FCUBS113Branch	Generic	jdbc/fcjdevDSBranch	ManagedServer1
How do I		FLEXTEST.WORLD	Generic	FLEXTEST.WORLD	AdminServer
How do 1	Nev	N Y Delete			Showing 1 to 3 of 3 Previous Next
Create JDBC generic data sources Create JDBC GridLink data sources					
Create JDBC onduit data sources					
Delete JDBC data sources					
Delete JDBC multi data sources					
]				
System Status 😑					
Health of Running Servers					
Failed (0)					
Critical (0)					
Overloaded (0)					
Warning (0)					
OK (2)					

21. Click 'Activate Changes' button. Click 'Activate Changes' button on the left pane.

The message 'All the changes have been activated. No restarts are necessary' is displayed.

ORACLE WebLogic Server	Admin	istration	Console			Ç
ange Center		Home Log	g Out Preferences 🔤 Record Help	٩		Welcome, weblogic Connected to: fcubs113_dom
ew changes and restarts ck the Lock & Edit button to modify, add or lete items in this domain. Lock & Edit	Mes	All change	mary of JDBC Data Sources es have been activated. No restarts are ne JDBC Data Sources	cessary.		
			on Monitoring			
main Structure bs13, domain Environment Deployments Services B*Messaging Data Searces Persitent Stores Person JUCI Providers Proven JUCI Providers	т Р С D	iorrow a da 'his page su Customize ata Sourc	a source is an object bound to the JNDI tree tabase connection from a data source. ummarizes the JDBC data source objects th a this table cse (Filtered - More Columns Exist) ck & Edifbutton in the Change Center to a	at have been created in this o		s can look up a data source on the JNDI tree and then
····XML Registries		New 🗸 🗍				Showing 1 to 3 of 3 Previous Next
			ne 🗞	Туре	JNDI Name	Targets
w do I	1	FCUE	BS113	Generic	jdbc/fcjdevDS	ManagedServer1
Create JDBC generic data sources		FCUE	BS113Branch	Generic	jdbc/fcjdevDSBranch	ManagedServer1
Create JDBC GridLink data sources Create JDBC multi data sources		FLEX	(TEST.WORLD	Generic	FLEXTEST.WORLD	AdminServer
Delete JDBC data sources Delete JDBC multi data sources		New 🕶 🗌	Delete			Showing 1 to 3 of 3 Previous Next
stem Status	:-					
alth of Running Servers						
Failed (0) Critical (0) Overloaded (0) Warning (0)						

22. 'FCISDS' datasource is created.



nge Center 👔 🔒 Hom	e Log Out Preferences	Record Help	Welcome, weblogic Connected to: DefaultDo
changes and restarts Home >	Summary of Services: JDBC	>Summary of JDBC Data Sources >fcjdevDS >Summary of Services: JDBC	>Summary of JDBC Data Sources >fcjdevDS >Summary of JDBC Data Sources >fcjdevDS
iguration editing is enabled. Future Settings	for fcjdevDS		
ges will automatically be activated as you fy, add or delete items in this domain.	uration Targets Mor	itoring Control Security Notes	
ain Structure Genera	Connection Pool	Transaction Diagnostics Identity Options	
nvironment Save			
eployments ervices			
-Messaging The co		C data source contains a group of JDBC connections that applications r nnection pool is registered, usually when starting up WebLogic Server of	eserve, use, and then return to the pool. The connection pool and the connections or when deploying the data source to a new target.
JDBC		guration for this data source's connection pool.	
"Foreign JNDI Providers	is page to define the com	guradon for ans data source's connection poor.	
···Coherence Clusters	L:	jdbc:oracle:oci:@10.10.10.10:1010:CPU11G2	The URL of the database to connect to. The format of the URL varies by
···XML Registries		Jube. Gradie. del. @ 10.10.10.10.10.10.10.10.102	JDBC driver. More Info
ML Entity Caches	ver Class Name:	oracle.jdbc.OracleDriver	The full package name of JDBC driver class used to create the physical
Mail Sessions			 database connections in the connection pool. (Note that this driver class must be in the classpath of any server to which it is deployed.) More
do I 🗉			Info
eate JDBC data sources	operties:		The list of properties passed to the JDBC driver that are used to create
inigate testing options for a sobre data	=FC1202tune		physical database connections. For example: server=dbserver1. List each property=value pair on a separate line. More Info
urce Infigure the statement cache for a JDBC			
nnection pool			
infigure credential mapping for a JDBC data urce			
em Status 😐 🏀 Pa	ssword:	•••••	The password attribute passed to the JDBC driver when creating physical database connections. More Info
th of Running Servers	m Password:		
Failed (0)	in Passworu:	•••••	
Critical (0) Initial	Capacity:	1	The number of physical connections to create when creating the connection
Overloaded (0)			pool. More Info
Warning (0) OK (1) Maxim	ium Capacity:	15	The maximum number of physical connections that this connection pool car
			contain. More Info
Сарас	ity Increment:	1	The number of connections created when new connections are added to t connection pool. More Info
			connection poor. More ano
de Sta	atement Cache Type:	LRU -	The algorithm used for maintaining the prepared statements stored in the statement cache. More Info
Stater	nent Cache Size:	200	The number of prepared and callable statements stored in the cache. (Thi may increase server performance.) More Info
	vanced		
Save			

23. Click the datasource, and then click on the Connection Pool tab.

- 24. Select the statement cache type as 'LRU'.
- 25. Specify the statement cache size as '200'.
- 26. Click 'Save'.

Note the following

- You need to create another data source for Oracle FCIS with the JNDI name '<Non-XA FCIS HOST JNDI name>_ASYNC'. For example, if the Oracle FCIS HOST Non XA data source JNDI name is 'jdbc/fcjdevDS', then you need to create another data source for FCIS with the JNDI name 'jdbc/fcjdevDS_ASYNC'.
- While creating a branch using the 'Branch Parameters Maintenance' (STDBRANC) screen, if you have created a data source for the branch, then you need to create a corresponding ASYNC data source with the JNDI name '<Non-XA FCIS BRANCH JNDI name>_ASYNC'.



7.2.1.4 Scheduler Data Source configuration

For all the LOB and SMS schema created for FCIS, Equivalent XA data sources are required for Scheduler with Jndi name as "jndi name of LOB/SMS schema"+ "_XA" (Standard naming convention)

Example

If there are three LOB schema's for FCIS with below jndi names

- ✓ jdbc/BR1204R1
- ✓ jdbc/EN1204R1
- ✓ jdbc/AMC1204R1

Equivalent Data source setup for scheduler will be

Data source name	Jndi Name
BR1204R1_XA	jdbc/BR1204R1_XA
EN1204R1_XA	jdbc/EN1204R1_XA
AMC1204R1_XA	jdbc/AMC1204R1_XA

7.2.2 JMS Server Creation

Follow the steps given below:

1. Start the Administrative Console of Weblogic application server. You can start this by entering Oracle Weblogic Admin Console URL in the address bar in an internet browser.

http://10.10.10.10:1001/console Eg: http://10.10.10.10:1001/console



Following screen is displayed:

🗋 Oracle WebLogic Server Administrati	·
ORACLE' WebLogic Server Administration Console 12c	
120	Welcome Log in to work with the WebLogic Server domain Username: Password: Login
WebLogic Server Venson: 12.1.3.0.0 Copyroph (c) 1995-3014. Oracle and/or its affliates. All rights reserved. Oracle is a registered trademark of Oracle Corporation and/or its affliates. Other names may be trademarks of their respective owners.	

- 2. Specify the Weblogic administrator user name and password. Click 'Log In'.
- 3. Navigate to Oracle Weblogic home page.

🔶 🚸 🌈 Home Page - fcubs113_domain - '	WLS Console		🦓 🔹 🔝 👘 🖶 🖓 Eage 🔹 🎯 Tgols 🔹
	Administration Console		Q
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	9	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home		
Click the Lock & Edit button to modify, add or delete items in this domain.	Home Page		
	- Information and Resources		
Lock & Edit	Helpful Tools	General Information	
	Configure applications	 Common Administration Task Descriptions 	
	Configure GridLink for RAC Data Source	 Read the documentation 	
Domain Structure	 Recent Task Status 	 Ask a question on My Oracle Support 	
cubs113_domain B-Environment	 Set your console preferences 	 Oracle Guardian Overview 	
Deployments	Domain Configurations		
-Services Security Realms		Construct of the second s	V. Laurence Later.
Security Reams B-Interoperability	Domain Domain	Services	Interoperability
-Diagnostics	Domain	Messaging MS Servers	WTC Servers Jolt Connection Pools
	Environment	 Store-and-Forward Agents 	Joit Connection Pools
	Servers	 IMS Modules 	Diagnostics
	Servers Clusters	 Path Services 	Log Files
	Virtual Hosts	 Bridges 	Diagnostic Modules
	Migratable Targets	Data Sources	Diagnostic Installes Diagnostic Images
en de s		Persistent Stores	Request Performance
low do I 🕒	Coherence Clusters	XML Registries	Archives
Search the configuration	Machines	XML Entity Caches	Context
Use the Change Center	Work Managers	 Foreign JNDI Providers 	SNMP
Record WLST Scripts	Startup And Shutdown Classes	Work Contexts	
Change Console preferences		 jCOM 	Charts and Graphs
Monitor servers	Your Deployed Resources	Mail Sessions	Monitoring Dashboard
vertem Status	Deployments	FileT3	
ystem status		• JTA	
lealth of Running Servers	Your Application's Security Settings		
Failed (0)	Security Realms		
Critical (0)			
Overloaded (0)			
Warning (0)			
OK (2)			
	1		
WebLogic Server Version: 10.3.4.0 Copyright © 1996,2010, Oracle and/or its affiliates.	All rights researched		
	All rights reserved. tion and/or its affiliates. Other names may be trademarks of their res		
ne			Scal intranet 🔍 100% 🔻



4. Following screen is displayed:

🚖 🎄 🍘 Summary of JMS Servers - fcubs113	J_domain - WLS C			🙆 * 🖻	🔹 🚔 🔹 📴 Bage 🔹 🎯 Tools 🔹
ORACLE WebLogic Server®	Administration Console				Q
Change Center	🙆 Home Log Out Preferences 🔤 Rei	cord Help	٩	Welcome, weblogic	Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >F	FLEXTEST.WORLD >Summary of JMS	Servers		
Click the Lock & Edit button to modify, add or delete items in this domain.	Summary of JMS Servers				
Lock & Edit Release Configuration	JMS servers act as management contain				
The second protection	This page summarizes the JMS servers	that have been created in the current	WebLogic Server domain.		
Domain Structure fcubs113_domain					
Environment Deployments	JMS Servers (Filtered - More Colur	mns Exist)			
🖻 Services	Click the Lock & Edit button in the Cha	ange Center to activate all the buttons	on this page.		
-Messaging				Sho	wing 0 to 0 of 0 Previous Next
Store-and-Forward Agents	🔲 Name 🐟 🛛 🛛	Persistent Store	Target	Current Server	Health
Path Services B-Bridges			There are no items to display		
Data Sources	New Delete			Sho	wing 0 to 0 of 0 Previous Next
Persistent Stores Foreign JNDI Providers					
Work Contexts					
How do I					
Configure JMS servers					
Configure JMS system modules					
Sustan Status 🖂					
System Status					
Health of Running Servers					
Failed (0)					
Critical (0)					
Overloaded (0)					
Warning (0)					
OK (2)					
WebLogic Server Version: 10.3.4.0 Copyright © 1996,2010, Oracle and/or its affiliates. All n Oracle is a registered trademark of Oracle Corporation		narks of their respective owners.			

5. Expand 'Services' and then 'Messaging' and 'JMS Server 'under it. Click 'Lock & Edit' button.

🚖 🚸 🌈 Summary of JMS Servers - fcubs11	3_domain - WLS C			🏠 • 🔊 - i	🖶 🔹 🔂 Bage 🔹 🙆 Tools
	Administration Console				Q
Change Center	🔒 Home Log Out Preferences 🔤 R	Record Help		Welcome, weblogic Con	nected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources	>FLEXTEST.WORLD >Summary of JMS Servers			
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Summary of JMS Servers				
Lock & Edit Release Configuration		tainers for the queues and topics in JMS modules that a rs that have been created in the current WebLogic Serv			
Domain Structure	Customize this table				
fcubs113_domain	JMS Servers (Filtered - More Col	umns Exist)			
Environment Deployments Services	New			Showing 0	to 0 of 0 Previous Next
-Messaging	🔲 Name 🗞	Persistent Store	Target	Current Server	Health
Store-and-Forward Agents		There ar	e no items to display		
Poulos Poulos Poulos Poulos Poulos Poulos Poulos Portidos Portidos Portidos Portidos Portidos Portidos Poulos Poulo	New. Delete			Showing 0) to 0 of 0 Previous Next
How do L					
Configure JMS servers Configure JMS system modules					
System Status					
Health of Running Servers					
Failed (0)					
Critical (0)					
Overloaded (0)					
Warning (0)					
OK (2)					
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6. Click 'New'.

🚖 🎄 🌈 Create a New JMS Server - fcubs113	3_domain - WLS C	🏠 🔹 🗟 👘 🖶 Page 🗸 🎯 Tools 🗸 🎽
	Administration Console	Q 🔺
Change Center	🔒 Home Log Out Preferences 🔛 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain. Lock & Edit Release Configuration	Create a New JHS Server Bisk Next Final. Cancel JHS Server Properties The following properties will be used to identify your new JMS Server.	
Domain Structure	* Indicates required fields	
fube113_doman	What would you like to name your new 3MS Server? Control of the new 3MS Server. Persistent store for the new 3MS Server. Persistent store: The control of the new 3MS Server. Persistent store: Persistent store: Persistent stor	
System Status		
Health of Running Servers Paled (0) Contrail (0) Overloaded (0) Warning (0) Ox (2) WidLogic Server Version: 10.34.0		
Copyright © 1996,2010, Oracle and/or its affiliates. All	rights reserved. n and/or its affiliates. Other names may be trademarks of their respective owners.	

7. Specify the following details:

-

JMS Server Name FCIS_	_JMSServer
-----------------------	------------

8. Click 'Create a new Store' button. The following screen is displayed.

😤 🍄 🌈 Create a New JMS Server - fcubs11	3_domain - WLS C	🛐 🔻 🔂 🕤 🖶 Page 🕶 🎯 Tgols 🔹
	Administration Console	Q 🔺
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers	
No pending changes exist. Click the Release Configuration button to allow others to exit the domain. Lock & Edit Release Configuration Domain Structure frubs113_domain	Create a New JHS Server Buck New Ennet Select a store type. Please select the type of store you wish to create from the list. Type: File Store Back Newt File Store	
Coepoynets Chrossop Construct Chrossop Construct Construct Construct Construct Construct Construct Construct Construct Construct Const Construct Construct Co		
How do I		
Configure JMS system modules Configure custom persistent stores		
System Status		
Health of Ruming Servers Failed (0) Orical (0) Overloaded (0) Warning (0) OK (2)		
WebLogic Server Version: 10.3.4.0 Copyright © 1996,2010, Oracle and/or its affiliates. All Oracle is a registered trademark of Oracle Corporation	rights reserved. and/or its affiliates. Other names may be trademarks of their respective owners.	



9. Select 'File Store' as the type and click 'Next'.

Following screen is displayed:

🚖 🏘 🌈 Create a New JMS Server - fcubs113	3_domain - WLS C			🟠 🔹 🗟 👘 🖶 📴 Page 🕶 🎯 T <u>o</u> ok 🕶
ORACLE WebLogic Server®	Administration Console			Q
Change Center	Home Log Out Preference	es 🔤 Record Help	Q	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data	Sources > FLEXTEST.WORLD > 8	Summary of JMS Servers	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Create a New JMS Server			
Release Configuration	File Store Properties The following properties will * Indicates required fields	e used to identify your new file	e store.	
Domain Structure fcubs 113_domain	What would you like to name	your new file store?		
Deployments Services Hessaging Hold Servers		UBS_FileStore		
Store-and-Forward Agents Park Modules Path Services Bridges	Select a server instance for the Target:	is file store. nagedServer1		
Data Sources Persistent Stores Foreign JNDI Providers		y on the file system where the f	file store is kept. This directory must exit	at on your system, so be sure to create it before completing this tab.
How do T				
How do I Configure JMS system modules Configure custom persistent stores	OK			
System Status				
Health of Running Servers				
Failed (0)				
Critical (0)				
Overloaded (0)				
Warning (0)				
OK (2)				
WebLogic Server Version: 10.3.4.0 Copyright © 1996,2010, Oracle and/or its affiliates, All Oracle is a registered trademark of Oracle Corporation		y be trademarks of their respectiv	re owners.	

10. To identify the new File Store, specify the following properties:

- Specify the file store name as FCIS_FileStore.
- Select a server. For this file store, you may select ManagedServer1 (created by the user).
- Specify the Directory as FCIS_FileStore.
- Click 'OK'.



The following screen is displayed with message 'File store created successfully'.

🚖 🔅 🌈 Create a New JMS Server - fcubs11	3_domain - WLS C	🟠 👻 🔜 🕤 🖶 Rage 🕶 🎯 Tools 👻
	Administration Console	Q
Change Center View changes and restarts Pending changes exist. They must be activated to take effect.	Home Log Out: Preferences Record Help Home Sources volume Sources volume Sources volume Vol	Welcome, weblogic Connected to: fcubs113_domain
Activate Changes Undo All Changes	Create a New JHS Server	
Domain Structure foubs113_domain ⊕ Tenvironment →Deployments ⊕ Services	JMS Server Properties The following propertes will be used to identify your new JMS Server. * Indicates required fields	
⊖-Messaging 3NS Servers 3NS Modules 3NS Modules Path Services ⊕-Bridges	What would you like to name your new JMS Server?	
How do L	Persistent Store: FCUBS FileStore Create a New Store Esse Next, Finan, Cancel	
Configure JMS system modules Configure custom persistent stores System Status		
Health of Running Servers Pailed (0) Critical (0) Overloaded (0)		
Warning (0) OK (2) WebLogic Server Version: 10.3.4.0		
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11. Click 'Next'.

🚖 🕸 🌈 Create a New JMS Server - fcubs11	3_domain - WLS C	🖓 🔹 🔂 🐇 🖶 🖓 Bage 🔹 🎯 Tigols 🔹 🎽
	Administration Console	Q
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers	
Pending changes exist. They must be activated to take effect.	Create a New JMS Server	
Activate Changes	Back Text Finish Cancel	
Undo All Changes	Select targets	
Domain Structure	Select the server instance or migratable target on which you would like to deploy this JMS Server.	
fcubs113_domain	Target: ManagedServer1 V	
Environment Deployments		
B-Services	Back Next Finish Cancel	
⊕-Messaging		
***JMS Servers		
**Store-and-Forward Agents		
JMS Modules		
Bridges		
Data Sources		
Persistent Stores		
Foreign JNDI Providers		
Work Contexts		
How do I		
Configure JMS system modules		
Configure custom persistent stores		
System Status		
Health of Running Servers		
Failed (0)		
Critical (0)		
Overloaded (0)		
Warning (0)		
OK (2)		
WebLogic Server Version: 10.3.4.0 Copyright © 1996,2010, Oracle and/or its affiliates. All Oracle is a registered trademark of Oracle Corporation	rights reserved. and/or its affliate. Other names may be trademarks of their respective owners.	



12. Select the target managed server. Click 'Finish'.

ORACLE WebLogic Server®	Adminis	tration Console				Q
Change Center	🔒 н	iome Log Out Preferences 🔤 Reco	ord Help		Welcome, weblogic Connected to: fcubs113_domai	
View changes and restarts	Hom	e >Summary of JDBC Data Sources >FL	EXTEST.WORLD >Summary of JMS Servers			
ending changes exist. They must be activated	Messa	ages				
to take effect.	a 1	IMS Server created successfully				
 Activate Changes 	Summ	nary of JMS Servers				
Undo All Changes						
	JMS	S servers act as management contain	ers for the queues and topics in JMS modules	that are targeted to them.		
Oomain Structure	This	s page summarizes the JMS servers th	hat have been created in the current WebLog	ic Server domain.		
cubs113_domain						
Deployments	Cus	stomize this table				
E-Services						
	JMS	5 Servers (Filtered - More Colum	ins Exist)			
Store-and-Forward Agents	Ne	ew Delete			Showing	1 to 1 of 1 Previous Next
JMS Modules Path Services] Name 🌣	Persistent Store	Target	Current Server	Health
Bridges Tota Sources Persistent Stores		FCUBS_JMSServer	FCUBS_FileStore	ManagedServer1	ManagedServer1	
Foreign JNDI Providers	Ne	ew Delete			Showing	1 to 1 of 1 Previous Next
How do I						
10w do 1						
Configure JMS servers						
Configure JMS system modules						
vstem Status	1					
ealth of Running Servers						
Failed (0)						
Critical (0)						
Overloaded (0)						
Warning (0)						
manning (o)						
OK (2)						

- 13. The message 'JMS Server created successfully' is displayed.
- 14. Click 'Activate Changes' under Change Center. The message 'All changes have been activated. No restarts are necessary' is displayed.

7.2.3 JMS Modules Creation

Follow the steps given below:

1. Navigate to the WEBLOGIC Home Page. Click 'JMS Modules' on domain structure by expanding 'Messaging'.



The following screen is displayed:

🚖 🔅 🎉 JMS Modules - fcubs113_domain - W	/LS Console		â ·	- 🔝 - 🖶 • 🔂 Bage • 🎯 Tgols • 💙
	Administration Console			Q d
Change Center	🏠 Home Log Out Preferences 🔤 Record Help	Q	Welcome, wel	blogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.W	ORLD >Summary of JMS Servers >Summary o	of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Serv	ers >JMS Modules
Click the Lock & Edit button to modify, add or delete items in this domain.	JMS Modules			
Lock & Edit Release Configuration Domain Structure	JMS system resources are configured and stored as distributed queues, distributed topics, foreign serve resources. This page summarizes the JMS system modules that	ers, and JMS store-and-forward (SAF) paran	Such resources include queues, topics, connection factories, b meters. You can administratively configure and manage JMS sy	emplates, destination keys, quota, stem modules as global system
Constant Structure Constant Constant Constant Structure Constant Struc	Customize this table	to activate all the buttons on this page.		
JMS Servers Store-and-Forward Agents -JMS Modules	New Delete			Showing 0 to 0 of 0 Previous Next
Path Services ⊕-Bridges	🔲 Name 🔅		Туре	
Persistent Stores		There are n	no items to display	
Foreign JNDI Providers				Showing 0 to 0 of 0 Previous Next
How do I				
Configure JMS system modules Configure resources for JMS system modules				
System Status				
Health of Running Servers				
Failed (0)				
Critical (0) Overloaded (0)				
Warning (0)				
OK (2)				
WebLogic Server Version: 10.3,4,0 Copyright © 1996,2010, Oracle and/or its affiliates. All i Oracle is a registered trademark of Oracle Corporation	rights reserved. n and/or its affiliates. Other names may be trademarks of their	respective owners.		

2. For creating New JMS System Modules, click 'Lock & Edit' button.

	Administration Console			Q
hange Center	🏠 Home Log Out Preferences 🔤 Record Help	٩		Welcome, weblogic Connected to: fcubs113_doma
iew changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.V	VORLD >Summary of JMS Server	s >Summary of JDBC Data Sources >F	FLEXTEST.WORLD >Summary of JMS Servers >JMS Modules
o pending changes exist. Click the Release onfiguration button to allow others to edit the omain.	JMS Modules			
Lock & Edit	JMS system resources are configured and stored a distributed queues, distributed topics, foreign services, resources, services and the services of the services and the services are services and the services are services and the services are services are services.	as modules similar to standard J vers, and JMS store-and-forwar	2EE modules. Such resources include d (SAF) parameters. You can admini	e queues, topics, connection factories, templates, destination keys, quota, istratively configure and manage JMS system modules as global system
Release Configuration	This page summarizes the JMS system modules the	at have been created for this do	omain.	
omain Structure				
ubs113_domain	Customize this table			
Deployments	JMS Modules			
-Services -Messaging	New Doloto			Showing 0 to 0 of 0 Previous Next
JMS Servers				
Store-and-Forward Agents	🔲 Name 🗇			Туре
Path Services			There are no items to display	
🕀 Bridges	New Delete			Showing 0 to 0 of 0 Previous Next
Data Sources Persistent Stores				
Foreign JNDI Providers				
Work Contexts				
w do L				
Configure JMS system modules				
Configure resources for JMS system modules				
utem Status 🖂				
stem status -				
ealth of Running Servers				
Failed (0)				
Critical (0)				
Overloaded (0)				
Warning (0)				
OK (2)				



3. Click 'New' button. The following screen is displayed.

🔶 🏟 🌈 Create JMS System Module - fcubs1	13_domain - WL5		🏠 👻 🗟 🝸 🖶 Bage + 🎯 Tools +
	Administration Console		Q
Change Center	🏠 Home Log Out Preferences 🔤	Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Source	s >FLEXTEST.WORLD >Summary of JMS Servers >Summary o	f JDBC Data Sources > FLEXTEST.WORLD > Summary of JMS Servers > JMS Modules
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Create JMS System Module Back Next Finish Cancel		
Release Configuration	The following properties will be	used to identify your new module.	
Domain Structure cubs113_domain	distributed queues, distributed topic resources.	d and stored as modules similar to standard JZEE modules. s, foreign servers, and JMS store-and-forward (SAF) paran	Such resources include queues, topics, connection factories, templates, destination keys, quota, neters. You can administratively configure and manage JMS system modules as global system
Deployments 3-Services	* Indicates required fields		
	What would you like to name your Sys	stem Module?	
···Store-and-Forward Agents ···JMS Modules	* Name:	FCUBS_SystemModule	
	What would you like to name the desi	criptor file name? If you do not provide a name, a default w	II be assigned.
Tota Sources Persistent Stores Foreign JNDI Providers	Descriptor File Name:	FCUBS_SystemModule	
Work Contexts	Where would like to place the descript	tor for this System Module, relative to the jms configuration	sub-directory of your domain?
w do I	Location In Domain:		
Configure JMS system modules Configure JMS servers	Back Next Finish Cancel		
ystem Status			
ealth of Running Servers			
Failed (0)			
Critical (0)			
Overloaded (0)			
Warning (0)			
OK (2)			
- VebLogic Server Version: 10.3.4.0 Copyright © 1996,2010, Oracle and/or its affiliates. All Dracle is a registered trademark of Oracle Corporation		demarks of their respective owners.	

Enter the System Module Name as FCIS_SystemModule.

Enter the Description File Name as FCIS_SystemModule.

4. Click 'Next'.

The following screen is displayed.

🚖 🏟 🌈 Create JMS System Module - fcubs1:	13_domain - WLS			🏠 👻 🔝 🐇 🖶 🖓 Bage 🕶 🎯 Tools 🗸 🂙
	Administration Console			Q 🗠
Change Center	🏦 Home Log Out Preferences 🔤 Record Help	٩		Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WO	RLD >Summary of JMS Serve	rs >Summary of JDBC Data Sources >FLEXTEST.	WORLD >Summary of JMS Servers >JM5 Modules
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Create JMS System Module			
Lock & Edit	Back Next Finish Cancel			
Release Configuration	The following properties will be used to targe	t your new JMS system	module.	
Domain Structure	Use this page to select the server or cluster on which	n you would like to deploy thi	is JMS system module. You can reconfigure targ	jets later if you wish.
fcubs113_domain	Targets :			
Deployments			1	
⊖-Services ⊖-Messaging	Servers			
JMS Servers Store-and-Forward Agents	AdminServer			
····JMS Modules	ManagedServer1		1	
🕀 -Bridges	L Handyedserveri			
Data Sources Persistent Stores	Back Next Finish Cancel			
Foreign JNDI Providers Work Contexts				
How do I				
Configure JMS system modules				
Configure JMS servers				
System Status				
Health of Running Servers				
Failed (0)				
Critical (0)				
Overloaded (0) Warning (0)				
OK (2)				
WebLogic Server Version: 10.3.4.0 Copyright © 1996,2010, Oracle and/or its affiliates. All r				
Oracle is a registered trademark of Oracle Corporation	and/or its affiliates. Other names may be trademarks of their re	espective owners.		



5. Check the box against the server created. Click 'Next'. The following screen is displayed.

🚖 🕸 🌈 Create JMS System Module - fcubs1	13_domain - WLS		🛐 • 🔝 - 🖶 Er Eage • 🎯 Tgols • 🎽
	Administration Console		Q 🔺
Change Center	🏠 Home Log Out Preferences 🔤 Record Help	٩	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WC	ORLD >Summary of JMS Servers >Summary of JD	BC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS Modules
No pending changes exist. Click the Release Configuration button to allow others to edit the	Create JMS System Module		
domain.	Back Next Finish Cancel		
Release Configuration	Add resources to this JMS system module		
Domain Structure	Use this page to indicate whether you want to immer	diately add resources to this JMS system modu	e after it is created. JMS resources include queues, topics, connection factories, etc.
fcubs113_domain B+Environment -Deployments	Would you like to add resources to this JI	MS system module?	
⊖-Services ⊕-Messaging	Back Next Finish Cancel		
····JMS Servers ···Store-and-Forward Agents ····JMS Modules			
Path Services -Bridges			
** Data Sources			
Persistent Stores Foreign JNDI Providers			
Work Contexts			
How do L			
Configure JMS system modules			
Configure JMS servers			
System Status			
Health of Running Servers			
Failed (0)			
Critical (0)			
Overloaded (0)			
Warning (0) OK (2)			
WebLogic Server Version: 10.3.4.0 Copyright © 1996,2010, Oracle and/or its affiliates. All Oracle is a registered trademark of Oracle Corporation	rights reserved. n and/or its affiliates. Other names may be trademarks of their r	respective owners.	

6. Click 'Finish' button. The following screen is displayed.

🚖 🏘 🏉 JMS Modules - fcubs113_domain - W	1.5 Console		🗿 • 🔊		🔂 Bage 🔹 🌾	🐊 Tools 🔹
	Administration Console					õ
Change Center	🟦 Home Log Out Preferences 🔤 Record Help	Welc	come, weblogic	Connected	to: fcubs113	_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC Data Sources >FLEXTE	EST.WORLD >Summary o	of JMS Servers >JM	S Modules		
Pending changes exist. They must be activated to take effect.	Messages Inte JMS module was created successfully.					
Activate Changes	JHS Modules					
Undo All Changes Domain Structure fcubs 113_domain	345 system resources are configured and stored as modules similar to standard JZEE modules. Such resources include queue distributed queues, distributed topics, foregin servers, and 346 store and-forward (SAP) parameters. You can administrativ resources. This page summarizes the 345 system modules that have been created for this domain.	es, topics, connection f vely configure and mana	factories, template: age JMS system mo	s, destinati idules as gli	on keys, quota obal system	,
Services ''Messaging ''JMS Servers ''Store-and-Forward Agents	V Customize this table JHS Hodules					
	New Delete		Showin	ng 1 to 1 of	f1 Previous	Next
Bridges Data Sources	🔲 Ilame 🔅	1	Туре			
Persistent Stores Foreign JNDI Providers	FCUBS_SystemModule	s	System			
I IWork Contexts	New Dolote		Showir	ng 1 to 1 of	f 1 Previous	Next
How do 1 –						-1
Configure JMS system modules Configure resources for JMS system modules						
System Status						
Health of Running Servers						
Failed (0)						
Critical (0)						
Overloaded (0)						
Warning (0)						
OK (2)						
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7. Click 'Activate Changes' button on the left pane.

🚖 🏘 🄏 JMS Modules - fcubs113_domain -	WLS Console	🏠 🔹 🗟 🕤 🖶 🔹 🔂 Bage 🕶 🎯 Tools 🔹
	Administration Console	Q
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts Click the Lock & Edit button to modify, add or delete items in this domain.	Home Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC Data Sources >FLEXTEST.W Messages	ORLD >Summary of JMS Servers > JMS Modules
Lock & Edt Release: Configuration Comain Structure focubility down Demain Structure Focubility down Demain Structure Demains D	JHS Hodules JHS Hodules JHS system resources are configured and stored as modules similar to standard JZEE modules, Such resources include queues, to definition devices, for generatives, row can administratively correspondences This page summarizes the JHS system modules that have been created for this doman. IV Costomize this table JHS Hodules Cick the Lock & Edit/Dution in the Change Center to activate all the buttors on this page. Iversity Determine Home VP PCIOLS SystemModule	opios, connection factories, templates destination keys, quota, onfigure and manage 3/3 system modules as global system Showing 1 to 1 of 1 Previous Next Type System
How do L Configure JMS system modules Configure resources for JMS system modules		Showing 1 to 1 of 1 Previous Next
System Status Image: Control of Contr		

The message 'All the changes have been activated. No restarts are necessary' is displayed.

7.2.4 Sub Deployment Creation

Follow the steps given below:

1. Navigate to the WEBLOGIC Home Page. Click 'JMS Modules' on domain structure by expanding 'Messaging'.



The following screen is displayed:

hange Center	🏠 Home Log Out Preferences 🔤 Record Help	Q		Icome, weblogic Connected to: fcubs113_dom
ew changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Su	mmary of JMS Servers > Summary of JDBC Data S	ources > FLEXTEST.WORLD > Summary	of JMS Servers >JMS Modules
pending changes exist. Click the Release infiguration button to allow others to edit the main.	JMS Modules			
Lock & Edit	JMS system resources are configured and stored as modules : distributed queues, distributed topics, foreign servers, and JM resources.	similar to standard J2EE modules. Such resource IS store-and-forward (SAF) parameters. You c	es include queues, topics, connectior an administratively configure and ma	factories, templates, destination keys, quota, nage JMS system modules as global system
Release Configuration	This page summarizes the JMS system modules that have bee	n created for this domain.		
main Structure				
bs113_domain	Customize this table			
Environment	1MS Modules			
-Deployments -Services	JHS Hodules			
P Messaging	New Delete			Showing 1 to 1 of 1 Previous Next
JMS Servers	□ Name ↔			Tura
···Store-and-Forward Agents ····JMS Modules				Туре
Path Services	FCUBS_SystemModule			System
Bridges				
Data Sources Persistent Stores	New Delete			Showing 1 to 1 of 1 Previous Next
Foreign JNDI Providers				
Work Contexts				
ow do I				
Configure JMS system modules				
Configure resources for JMS system modules				
stem Status 🖂				
alth of Running Servers				
-				
Failed (0)				
Critical (0)				
Overloaded (0)				
Warning (0)				
OK (2)				

- 2. Click 'Lock & Edit' button.
- 3. Select the JMS module created earlier.

Settings for FCUB5_SystemModule - 1					🏠 🔹 🖾 🔹 🖶 🔹 🔂 Rage 🕶 🎯 Tgols 🤊
ORACLE WebLogic Server® A					Q
ange Center	🚹 Home Log Out Preferences 🛽	Record Help	Q	v	Velcome, weblogic Connected to: fcubs113_domain
ew changes and restarts	Home > Summary of JDBC Data Sour Modules > FCUBS_SystemModule	ces > FLEXTEST.WORLD > Sum	nary of JMS Servers >Summary of	FJDBC Data Sources > FLEXTEST.WORLD > Summ	ary of JMS Servers >JMS
pending changes exist. Click the Release nfiguration button to allow others to edit the	Settings for FCUBS_SystemMod	ule			
nain. Lock & Edit	Configuration Subdeployments	s Targets Security No	otes		
Release Configuration	This page displays general inform	ation about a JMS system mod	ule and its resources. It also all	ws you to configure new resources and access	existing resources.
main Structure	Name:	FCUBS_Syster	nModule	The name of this JMS s	ystem module. More Info
s113_domain Environment Deployments	Descriptor File Name:	jms/FCUBS_Sy	stemModule-jms.xml	The name of the JMS m	odule descriptor file. More Info
Services	This page summarizes the JMS res destination quota, distributed des				on factories, JMS templates, destination sort keys,
···JMS Modules ···Path Services ⊞-Bridges	Customize this table				
Data Sources	Summary of Resources				
Persistent Stores Foreign JNDI Providers	New Delete				Showing 0 to 0 of 0 Previous Next
Work Contexts	🔲 Name 🐟	Туре	JNDI Name	Subdeployment	Targets
v do I			There are r	o items to display	
onfigure JMS system modules onfigure subdeployments in JMS system	New Delete				Showing 0 to 0 of 0 Previous Next
odules					
Configure resources for JMS system modules					
tem Status					
Ith of Running Servers					
Failed (0)					
Critical (0)					
Overloaded (0)					
Warning (0) OK (2)					
UN (2)					
bLogic Server Version: 10.3.4.0 pyright © 1996,2010, Oracle and/or its affiliates. All r					



4. Click 'Subdeployments' tab.

🔅 🏟 🌈 Settings for FCUB5_SystemModule - f	fcubs113_domai							🏠 🔹 🔝 🕤 🖶 🔹 🔂 Bage 🕶 🎯 Tools 🔹
	dministration Co	onsole						Q
Change Center	Home Log O	ut Preferences 🔤 I	Record Help			Q		Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts		<pre>/ of JDBC Data Sources 5_SystemModule</pre>	>FLEXTEST.	WORLD >Sun	mary of JMS	Servers >Summary of JDBC Data Sources >FLEXTE	ST.WORLD > Su	immary of JMS Servers >JMS
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Settings for FCU	JBS_SystemModule						
Lock & Edit	Configuration	Subdeployments	Targets	Security	iotes			
Release Configuration	This page displ grouped and ta	ays subdeployments c argeted to a server re	reated for a source (such	JMS system r as JMS serve	iodule. A su rs, server ir	bdeployment is a mechanism by which JMS module istances, or cluster).	e resources (su	ch as queues, topics, and connection factories) are
Domain Structure								
fcubs113_domain	Customize t	iis table						
Deployments Er-Services	Subdeployme	ents						
E-Messaging	New Delet	e						Showing 0 to 0 of 0 Previous Next
Store-and-Forward Agents	🔲 Name	<u>م</u>			Resou	rces		Targets
Path Services						There are no items to display		
⊕ Bridges → Data Sources	New Delet							Showing 0 to 0 of 0 Previous Next
Persistent Stores								
Work Contexts								
How do I								
Configure subdeployments in JMS system modules								
Configure JMS system modules								
System Status								
Health of Running Servers								
Failed (0)								
Critical (0)								
Overloaded (0)								
Warning (0) OK (2)								
0.00								
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5. Click 'New'. The following screen is displayed.

🚖 🎄 🌈 Create a New Subdeployment - fcub	is113_domain - W		🏠 🔹 🔝 🐇 🖶 Page 🔹 🎯 T <u>o</u> ols 🔹
	Administration Console		Q
Change Center	🏦 Home Log Out Preferences 🔤 Record Help	٩	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORL Modules >FCUBS_SystemModule	D >Summary of JMS Servers >Summary of JDBC	Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Create a New Subdeployment		
Lock & Edit	Back Next Finish Cancel		
Release Configuration	Subdeployment Properties		
Domain Structure	The following properties will be used to identify your ne * Indicates required fields	w subdeployment.	
fcubs113_domain	* Subdeployment Name:	FCUBS	
Messaging "JMS Servers "Store-and-Forward Agents	Back Next Finish Cancel		
JMS Modules Path Services BBridges			
Data Sources Persistent Stores			
Foreign JNDI Providers Work Contexts			
How do I			
Configure subdeployments in JMS system modules			
System Status			
Health of Running Servers			
Failed (0)			
Critical (0)			
Overloaded (0)			
Warning (0)			
OK (2)			
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6. Specify the Subdeployment Name as 'FCIS'. Then click 'Next'.

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	Administration Console	Q 🧧
Change Center	🏠 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >Summary of Modules >FCUBS_SystemModule	f JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Create a New Subdeployment	
Lock & Edit	Back Next Finish Cancel	
Release Configuration	Targets	
Domain Structure	Please select targets for the Subdeployment	
fcubs113_domain	Servers	
B-Environment Deployments B-Services	AnnagedServer1	
Messaging	JM5 Servers	
JMS Modules Path Services	FCUBS_JMSServer	
Bridges Tota Sources Tersistent Stores Foreign JNDD Providers	Back Next Finish Cancel	
Work Contexts		
How do L		
 Configure subdeployments in JMS system modules 		
System Status		
Health of Running Servers		
Failed (0)		
Critical (0)		
Overloaded (0) Warning (0)		
OK (2)		
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The following screen will be displayed.

- 7. Select the JMS Server (as created by the user).
- 8. Click 'Finish' button.
- 9. Following screen is displayed.

Settings for FCUB5_SystemModule -	fcubs113_domai						🟠 🔹 🗟 🔹 🔂 Zago 🕶 🎯 Tgols 🔹		
ORACLE WebLogic Server® A	Administration (Console					Q		
Change Center	🙆 Home Log	Out Preferences 🔤	Record Help		۹		Welcome, weblogic Connected to: fcubs113_domain		
View changes and restarts		rry of JDBC Data Sources BS SystemModule	>FLEXTEST.V	VORLD >Sum	imary of JMS Serve	ers >Summary of JDBC Data Source	s > FLEXTEST.WORLD >Summary of JMS Servers >JMS		
Pending changes exist. They must be activated to take effect.	Messages								
Activate Changes	🖋 Subdeploy	ment created successfu	lly.						
Undo All Changes	Settings for F	UBS_SystemModule							
undo All changes	Configuration	Subdeployments	Targets	Security	Notes				
Iomain Structure									
ubs113_domain	This page dis	plays subdeployments c targeted to a server re	reated for a J	IMS system n	nodule. A subdepl	oyment is a mechanism by which :	IMS module resources (such as queues, topics, and connection factories) are		
Deployments	grouped and	targeted to a server re	Rource (such a	as JMS serve	ers, server instant	es, or duster).			
-Services -Services	Customize	this table							
····JMS Servers	Subdeployn	ante							
Store-and-Forward Agents JMS Modules									
Path Services	New Del	ete					Showing 1 to 1 of 1 Previous Next		
···Data Sources	🔲 Nam	e 🌣		Resou	urces		Targets		
Persistent Stores Foreign JNDI Providers	FCUB	5					FCUBS JMSServer		
-Work Contexts	New Del	1							
ow do L 🔳	New Do						Showing 1 to 1 of 1 Previous Next		
Configure subdeployments in JMS system									
modules Configure JMS system modules									
stem Status									
alth of Running Servers									
Failed (0)									
Critical (0)									
Overloaded (0)									
Warning (0) OK (2)									
UN (2)									
WebLogic Server Version: 10.3.4.0 Copyright © 1996,2010, Oracle and/or its affiliates. All I	rights reserved								
racle is a registered trademark of Oracle Corporation	and/or its affiliates.								



10. Click 'Activate Changes'. Following screen is displayed.

									D	»
😤 🏘 🏉 Settings for FCUB5_SystemModule - fo	cubs113_domai						G •	S	• 🔂 Bage • 🎯 Tools ·	•
	dministration C	onsole							Q	^
Change Center	🟦 Home Log 0	Out Preferences 🔤 F	tecord Help		Q		Welcome, web	logic Connect	ed to: fcubs113_domain	i -
View changes and restarts	Home > Summary of JDBC Data Sources > FLEXTEST.WORLD > Summary of JMS Servers > Summary of JDBC Data Sources > FLEXTEST.WORLD > Summary of JMS Servers > JMS Modules > FCUBS SystemModule									
Click the Lock & Edit button to modify, add or delete items in this domain.										
Lock & Edit										
Release Configuration		UBS_SystemModule								
Domain Structure	Configuration	Subdeployments	Targets Se	scurity No	otes					
foubs 113_domain	This page disp grouped and t Customize t Subdeploym	argeted to a server res	eated for a JMt ource (such as	S system mo JMS servers	dule. A subdeployment is a mechanism by , server instances, or duster).	y which JM	IS module resources (such as queues, topic	s, and connection	on factories) are	
····Store-and-Forward Agents ····JMS Modules			ange Center t	n activate al	the buttons on this page.					
Path Services			in the second of the							
⊕-Bridges ***Data Sources	New Dele	te						Showing 1 to 1	Lof 1 Previous Next	
Persistent Stores Foreign JNDI Providers	🔲 Name	*		Resour	ces		Targets			
	FCUBS						FCUBS_JMSServer			
Configure subdeployments in JMS system	New Dele	te						Showing 1 to 1	Lof 1 Previous Next	
modules Configure JMS system modules										
System Status										
Health of Running Servers										
Failed (0)										
Critical (0) Overloaded (0)										
Warning (0)										
OK (2)										
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7.2.5 JMS Queue Creation

1. Select the JMS Module created earlier.

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	Administration Console				Q
Change Center	🙆 Home Log Out Preferences 🔤 Rec	cord Help	٩	Welcome, weblogic	Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >F Modules >FCUBS_SystemModule	LEXTEST.WORLD >Summ	ary of JMS Servers >Summary of JDBC Dat	a Sources >FLEXTEST.WORLD >Summary of JMS Servers >J	45
Click the Lock & Edit button to modify, add or delete items in this domain.	Settings for FCUBS_SystemModule				
Lock & Edit	Configuration Subdeployments Ta	argets Security No	tes		
Release Configuration					
	This page displays general information a	about a JMS system modu	le and its resources. It also allows you to	configure new resources and access existing resources.	
Domain Structure fcubs113_domain	Name:	FCUBS System	Madula	The name of this JMS system module. More	Info
Environment					
Services Hessaging	Descriptor File Name:	jms/FCUBS_Sys	stemModule-jms.xml	The name of the JMS module descriptor file.	More Info
	This page summarizes the JMS resources destination quota, distributed destination			ueue and topic destinations, connection factories, JMS terr	plates, destination sort keys,
Path Services ⊕ -Bridges	Customize this table				
Data Sources Persistent Stores	Summary of Resources				
Foreign JNDI Providers	Click the Lock & Editbutton in the Char	nge Center to activate a	I the buttons on this page.		
How do L	New Delete			Sho	wing 0 to 0 of 0 Previous Next
Configure JMS system modules	🔲 Name 🐵	Туре	JNDI Name	Subdeployment	Targets
 Configure subdeployments in JMS system modules 			There are no items to	display	
Configure resources for JMS system modules	New Delete			Sho	wing 0 to 0 of 0 Previous Next
Surtam Statur					
System Status					
Failed (0)					
Critical (0)					
Overloaded (0)					
Warning (0)					
OK (2)					
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- 2. You need to set the configuration for FCIS_SystemModule is to be set.
- 3. Click 'Configuration'. Then click 'Lock & Edit'.



The following screen is displayed.

😭 🏘 🏉 Settings for FCUB5_SystemModule -	cubs113_domal		🏠 🔹 🖾 🐇 🖶 🔹 🔂 Page 🕶 🎯 Tools 🕶
	dministration Console		Q
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	<u>Q</u>	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of Modules >FCUBS_SystemModule	JMS Servers >Summary of JDBC Data Sources >FLEXTEST.WORLD >Si	ummary of JMS Servers >JMS
No pending changes exist. Click the Release Configuration button to allow others to edit the	Settings for FCUB5_SystemModule		
domain.	Configuration Subdeployments Targets Security Notes		
Release Configuration	This page displays general information about a JMS system module and	lits resources. It also allows you to configure new resources and ac	cess existing resources.
Domain Structure	Name: FCUBS_SystemModuli	e The name of this Jr	MS system module. More Info
fcubs113_domain Fcubs1	Descriptor File Name: jms/FCUBS_SystemM	sdule-jms.xml The name of the JN	MS module descriptor file. More Info
Messaging Misservers Store-and-Forward Agents Misservers Misservers Misservers Misservers	This page summarizes the JMS resources that have been created for ti destination quota, distributed destinations, foreign servers, and store		ection factories, JMS templates, destination sort keys,
Path Services Bridges	Customize this table		
Pata Sources Persistent Stores Foreign JNDI Providers	Summary of Resources		Showing 0 to 0 of 0 Previous Next
Work Contexts	□ Name ↔ Type JNDI	Name Subdeployment	Targets
How do I		There are no items to display	
Configure JMS system modules	New Delete		Showing 0 to 0 of 0 Previous Next
 Configure subdeployments in JMS system modules 			•
Configure resources for JMS system modules			
System Status			
Health of Running Servers			
Failed (0)			
Critical (0)			
Overloaded (0)			
Warning (0)			
OK (2)			
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4. Click 'New'. The following screen is displayed.

🚖 🎄 🌈 Create a New JMS System Module Re	esource - fcubs11		🛐 🔹 🔝 🕤 🖶 🔹 📴 Bage 🔹 🎯 Tgols 🔹 🎽
	Administration Console		Q 🚔
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Q	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summa Modules >FCUBS_SystemModule	ry of JMS Servers >Summary of JDBC Data Sources >	FLEXTEST.WORLD >Summary of JMS Servers >JMS
No pending changes exist. Click the Release Configuration button to allow others to edit the domain. Lock & Edit Release Configuration	Create a New JMS System Hodule Resource Back Next Frish Cancel Choose the type of resource you want to create.		
Domain Structure	Use these pages to create resources in a JMS system module, suc	h as queues, topics, templates, and connection fa	ctories.
fcubs113_domain ↔ Environment ↔ Services		SAF destinations, you can also proceed to target	e. For targetable resources, like stand-alone queues and topics, connection ing pages for selecting appropriate server targets. You can also associate d the members to server resources.
	O Connection Factory		Defines a set of connection configuration parameters that are used to create connections for JMS clents. More Info
JMS Modules Path Services ED:Bridges Data Sources	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
"Persistent Stores "Foreign JNDI Providers "Work Contexts	🔿 Торіс		Defines a publish/subscribe destination type, which are used for asynchronous peer communications. A message delivered to a topic is distributed to all topic consumers. More Info
How do I	O 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 dients. More Info
Configure JMS templates Configure destination keys	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 clents. More Info
Configure topics Configure queues Configure connection factories	🔘 Foreign Server		Defines foreign messaging providers or remote WebLogic Server instances that are not part of the current domain. More Info
Configure connection factories Configure uniform distributed topics Configure uniform distributed queues	🔘 Quota		Controls the allotment of system resources available to destinations. More Info
Configure foreign servers Configure JMS SAF	O Destination Sort Key		Defines a unique sort order that destinations can apply to arriving messages. More Info
System Status) JM5 Template		Defines a set of default configuration settings for multiple destinations. More Info
Health of Running Servers Failed (0) Critical (0) Overloaded (0)	SAF Imported Destinations		Defines a collection of imported store-and-forward (SAP) destinations. A SAP destination is a representation of a queue or topic in a remote server instance food server instance or duster can send messages to the remote server instance or duster. More Info
Done			Scal intranet 🔍 100% 🝷



5. Select the 'Queue' option. Then click 'Next'.

🚖 🎄 🌈 Create a New JMS System Module R	Resource - fcubs11						👌 • 🔊	- 🖶 • 🔂 Ba	ige 🔹 🌍 T <u>o</u> ols	•
	Administration Console								õ	^
Change Center	🙆 Home Log Out Prefe	rences 🔤 Record Help		Q		Web	ome, weblogic	Connected to: fci	ubs113_domair	i i
View changes and restarts	Home >Summary of JDBC Modules >FCUBS System	Data Sources > FLEXTEST.WG	ORLD >Summary of JMS	Servers >Summary o	f JDBC Data Sources >FLEX	TEST.WORLD >Summary	of JMS Servers >JM	5		
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Create a New JMS Syste	em Module Resource								
Lock & Edit	Back Next Finish	Cancel								
Release Configuration	JMS Destination Pro	perties								
Domain Structure	The following properties	will be used to identify your	new Queue. The curre	nt module is FCUBS_	SystemModule.					
fcubs113_domain	* Indicates required fields									
Deployments Services Messaging	* Name:	NOTIFY_DEST_QUE	EUE							
JMS Servers Store-and-Forward Agents JMS Modules Path Services	JNDI Name:	NOTIFY_DEST_QUE	EUE							
Bridges Data Sources	Template:	None 💙								Ξ
Persistent StoresForeign JNDI ProvidersWork Contexts	Back Next Finish	Cancel								
How do I										1
Configure quotas for destinations										
Configure JMS templates										
Configure destination keys Configure topics										
Configure topics Configure queues										
Configure queues Configure connection factories										
Configure uniform distributed topics										
Configure uniform distributed tupics Configure uniform distributed queues										
Configure foreign servers										
Configure IMS SAF										
 Compare pro par 										
System Status										
Health of Running Servers										
Faled (0)										
Critical (0)										
Overloaded (0)										
Done							Sucal	ntranet	a 100%	-

For creating new JMS System Module Resources, follow the steps given below:

- Enter the Name of the Queue as 'NOTIFY_DEST_QUEUE'.
- Enter the JNDI Name as 'NOTIFY_DEST_QUEUE'.
- Select the Template as 'None'.
- Click 'Next'.



Following screen is displayed.

🚖 🚸 🌈 Create a New JMS System Module R	tesource - fcubs11	🖄 🔹 🗟 👘 🖶 Page + 🎯 Tgols + 👌
ORACLE WebLogic Server®	Administration Console	Q
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC Modules >FCUBS_SystemModule	Data Sources > FLEXTEST.WORLD > Summary of JMS Servers > JMS
No pending changes exist. Click the Release Configuration button to allow others to edit the domain. Lock & Edit Release Configuration	Create a New JHS System Hodule Resource Back	
fcubs113_domain Fcubs113_domain Fcubs113_domain Fcubs113_domain Fcubs113_domain Fcubs104_fcubs104	Use this page to select a subdeployment to assign this system module resource. A subdeployment is a SAP agent. If necessary, you can create a new subdeployment by clicking the Create a New Subdep module's subdeployment management page.	mechanism by which JMS resources are grouped and largeted to a server instance, duster, or ployment button. You can also reconfigure subdeployment targets later by using the parent
Services Hessaging ''JMS Servers ''Store-and-Forward Agents	Select the subdeployment you want to use. If you select (none), no targeting will occur. Subdeployments: FCUBS Create a New Subdeployment	
	What targets do you want to assign to this subdeployment? Targets :	
Persistent Stores Foreign JINDI Providers Work Contexts tow do I	JHS Servers Ø FCUBS_JHSServer	
Configure quotas for destinations Configure JMS templates Configure destination keys	Back Text Finah Cancel	
Configure topics Configure queues Configure connection factories		
Configure uniform distributed topics Configure uniform distributed queues Configure foreign servers		
Configure JMS SAF		
lealth of Running Servers		
Failed (0) Critical (0)		
Overloaded (0)		
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6. Select the managed server created by the user. Click 'Finish' button.

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	dministration Co	nsole						Q
Change Center	Home Log Out				٩			blogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary Modules >FCUBS_		s >FLEXTEST.W	ORLD >Summary	of JMS Servers >Summa	rry of JDBC Data Sources >	FLEXTEST.WORLD >Summary of JMS Serv	vers >3MS
Pending changes exist. They must be activated to take effect.	Messages	ue was created suc	ressfully					
Activate Changes	-							
Undo All Changes	Settings for FCUE							
	Configuration	Subdeployments	Targets Se	ecurity Notes				
Domain Structure cubs113_domain -Environment Deployments	This page display	/s general informati	ion about a JMS	system module a	nd its resources. It als	o allows you to configure r	new resources and access existing resou	irces.
⇒Services ⊕-Messaging	Name:		FC	CUBS_SystemMod	ule		The name of this JMS system module.	More Info
TIMS Servers	Descriptor File	Name:	jm	s/FCUBS_System	Module-jms.xml		The name of the JMS module descript	or file. More Info
Bridges Tota Sources Tersistent Stores Toreign JNDI Providers Twork Contexts V	Customize thi	s table	nations, foreign	servers, and stor	e-and-forward param	eters.		
tow do I	New Delete							Showing 1 to 1 of 1 Previous Next
Configure JMS system modules Configure subdeployments in JMS system	🔲 Name 🖉	\$		Туре	JNDI Name		Subdeployment	Targets
 Configure resources for JMS system modules 	NOTIFY_	DEST_QUEUE		Queue	NOTIFY_DEST_QUE	JE	FCUBS	FCUBS_JMSServer
ustan Status	New Delete]						Showing 1 to 1 of 1 Previous Next
ystem Status								
Failed (0)								
Critical (0)								
Overloaded (0)								
Warning (0)								
OK (2)								
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7. The JMS Queue has been created successfully. Click 'Activate Changes' under 'Change Center'.

🖌 🕸 🏀 Settings for FCUBS_SystemModule -	fcubs113_domai		🟠 👻 📾 👻 📴 Page + 🎯 Tools +
	Administration Console		Q
Change Center	🔒 Home Log Out Preferences 🔤 R	Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources Modules >FCUBS_SystemModule	>FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC	Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Settings for FCUBS_SystemModule		
Lock & Edit	Configuration Subdeployments	Targets Security Notes	
Release Configuration	This page displays general information	n about a JMS system module and its resources. It also allows yo	u to configure new resources and access existing resources.
tomain Structure	Name:	FCUBS_SystemModule	The name of this JMS system module. More Info
-Environment Deployments	Descriptor File Name:	jms/FCUBS_SystemModule-jms.xml	The name of the JMS module descriptor file. More Info
3-Services Messaging JMS Servers Store-and-Forward Agents		ces that have been created for this JMS system module, including tions, foreign servers, and store-and-forward parameters.	g queue and topic destinations, connection factories, JMS templates, destination sort keys,
TMS Modules Path Services	Customize this table		
Data Sources	Summary of Resources		
Foreign JNDI Providers	New Delete		Showing 1 to 1 of 1 Previous Next
ow do L.	🔲 Name 🗇	Type JNDI Name	Subdeployment Targets
Configure JMS system modules	NOTIFY_DEST_QUEUE	Queue NOTIFY_DEST_QUEUE	FCUBS_JMSServer
Configure subdeployments in JMS system	New Delete		Showing 1 to 1 of 1 Previous Next
modules Configure resources for JMS system modules			
vstem Status			
ealth of Running Servers			
Failed (0)			
Critical (0)			
Overloaded (0) Warning (0)			
OK (2)			
Weblands Communities (0.3.4.6			
NebLogic Server Version: 10.3.4.0 Copyright © 1996,2010, Oracle and/or its affiliates. All r Dracle is a registered trademark of Oracle Corporation		emarks of their respective owners.	

8. Click 'New 'to create more Queues. You may follow the same steps to create other queues.



7.2.6 JMS Connection Factory Creation

After creating the queues, you need to create the connection factory. To perform this, follow the steps given below:

1. Click 'New'.

🚖 🔅 Settings for FCUB5_SystemModule - 1	fcubs113_domai			<u>a</u> -	🔊 🔹 🖶 • 🔂 Bage • 🎯 Tgols • 👌
	Administration Console				Q
Change Center	🙆 Home Log Out Preferences 🔤	Record Help	Q	Welcome, webk	ogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Source Modules >FCUBS_SystemModule	s > FLEXTEST.WORLD > Summary of J	MS Servers >Summary of JDBC Data Sources >	FLEXTEST.WORLD >Summary of JMS Server	s >JMS
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Settings for FCUBS_SystemModu	e			
Lock & Edit	Configuration Subdeployments	Targets Security Notes			
Release Configuration	This page displays general informati	on about a JMS system module and i	its resources. It also allows you to configure r	new resources and access existing resourc	-5.
Domain Structure fcubs113 domain	Name:	FCUBS_SystemModule		The name of this JMS system module.	More Info
B-Services	Descriptor File Name:	jms/FCUBS_SystemMo	dule-jms.xml	The name of the JMS module descriptor	file. More Info
H-Messaging → 3MS Servers → Store-and-Forward Agents → 1MS Modules	This page summarizes the JMS reso destination quota, distributed destin	irces that have been created for thi ations, foreign servers, and store-a	s JMS system module, including queue and to and-forward parameters.	pic destinations, connection factories, JMS	templates, destination sort keys,
Path Services	Customize this table				
Parta Sources Persistent Stores Foreign JNDI Providers	New Delete				Showing 1 to 1 of 1 Previous Next
Work Contexts	🔲 Name 🗇	Туре]	INDI Name	Subdeployment	Fargets
How do I	NOTIFY_DEST_QUEUE	Queue N	IOTIFY_DEST_QUEUE	FCUBS F	CUBS_JMSServer
Configure JMS system modules Configure subdeployments in JMS system	New Delete			I I	Showing 1 to 1 of 1 Previous Next
modules Configure resources for JMS system modules					
System Status					
Health of Running Servers Failed (0)					
Critical (0)					
Overloaded (0)					
Warning (0)					
OK (2)					
WebLogic Server Version: 10.3.4.0 Copyright @ 1996,2010, Oracle and/or its affiliates. All ri Oracle is a registered trademark of Oracle Corporation		demarks of their respective owners.			

The following screen is displayed:

🎓 🏘 🌈 Create a New JMS System Module F	Resource - fcubs11	🖓 🔹 🔜 👘 🛃 Rage 🔹 🎯 Tgols 📼
ORACLE WebLogic Server®	Administration Console	Q
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JM Modules >FCUBS SystemModule	IS Servers >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Create a New JMS System Module Resource	
Lock & Edit	Back Next Finish Cancel	
Release Configuration	Choose the type of resource you want to create.	
Domain Structure	Use these pages to create resources in a JMS system module, such as qu	eues, topics, templates, and connection factories.
fcubs113_domain E-Environment Deployments Services	factories, distributed queues and topics, foreign servers, and JMS SAF de	Lasc: information for cealing the resource. For targetable resources, like stand-alone queues and topics, connection estimations, you can also proceed to targeting pages for section gaogrophics term for targets. You can also associate sim for grouping 3KS module resources and the members to server resources.
B-Messaging → JMS Servers → Store-and-Forward Agents	Onnection Factory	Defines a set of connection configuration parameters that are used to create connections for JMS clents. More Info
	O Queue	Defines a point-depoint destination type, which are used for anynchronous peer communications. A message delivered to a quice is distributed to only one consumer. Here Infin-
Persistent Stores Foreign JNDI Providers Work Contexts	🔿 Торіс	Defines a publicly/buckbe destination type, which are used for anynchrumous peer communications. A message delivered to a topic is distributed to al topic consumers. More Infin
How do I	O 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 JMS templates Configure destination keys	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 dients. More Info
Configure topics Configure queues Configure connection factories	O Foreign Server	Defines foreign messaging providers or remote WebLogic Server instances that are not part of the current domain. More Info
Configure connection factories Configure uniform distributed topics Configure uniform distributed queues	🔿 Quota	Controls the allotment of system resources available to destinations. More Info
Configure foreign servers Configure JMS SAF	O Destination Sort Key	Defines a unique sort order that destinations can apply to arriving messages. More Info
System Status) JMS Template	Defines a set of default configuration settings for multiple destinations. More Info
Health of Running Servers Failed (0) Critical (0) Overloaded (0)	SAF Imported Destinations	Defines a collection of imported store-and-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 face data resolution of a server instance. Shift the location of duster, More Infig
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2. Select 'Connection Factory'. Click 'New'.

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ORACLE WebLogic Server®	Administration Console		Q 📤
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	9	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORL Modules >FCUBS SystemModule	D >Summary of JMS Servers >Summary of JDBC Data Sources >FLEX	TEST.WORLD >Summary of JMS Servers >JMS
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Create a New JMS System Module Resource		
Lock & Edit	Back Next Finish Cancel		
Release Configuration	Connection Factory Properties		
		w connection factory. The current module is FCUBS_SystemModule	a
Domain Structure	* Indicates required fields		
fcubs113_domain			
-Deployments	What would you like to name your new connection factor	'y?	
-Services	* Name:		
□-Messaging	Notify	DestQCF	
JMS Servers Store-and-Forward Agents	table to the second data with the second second		
JMS Modules	What JNDI Name would you like to use to look up your n	sw connection ractory?	
···Path Services	JNDI Name: Notific	DestQCF	
Bridges Tota Sources	Notify	Desired	
Persistent Stores	The Connection Factory Subscription Sharing Policy Subs	cribers can be used to control which subscribers can access new su	bscriptions. Should subscriptions created using this factory be sharable?
Foreign JNDI Providers			
Work Contexts	Subscription Sharing Policy: Exclu	isive 🔽	
How do I			
	The Client ID Policy indicates whether more than one JM: Subscriptions grapted with different Client ID policies are	S connection can use the same Client ID. Oracle recommends settin always treated as independent subscriptions. What Client ID Policy	g the Client ID policy to Unrestricted if sharing durable subscribers.
Configure quotas for destinations		anays a cated as independent subscriptions. Infact cleric to Folky	y nobel you ne to use.
Configure JMS templates Configure destination keys	Client ID Policy: Restr	icted 🗸	
Configure topics Configure queues	A connection factory can limit the number of messages the	hat can queued for an asynchronous session. Should this connectio	in factory impose a limit?
Configure queues Configure connection factories			
Configure uniform distributed topics	Maximum Messages per Session: 10		
Configure uniform distributed topics Configure uniform distributed aueues			
Configure foreign servers	Should this connection factory create sessions that are 3	TA aware, and create XA queues and XA topics?	
Configure INF SAF	XA Connection Factory Enabled		
System Status	Back Next Finish Cancel		
Health of Running Servers			
Faled (0)			
Critical (0)			
Overloaded (0)			
			×
Done			📢 Local intranet 🛛 🔍 100% 💌 .

- 3. Enter the Name of the Connection Factory as 'NotifyDestQCF'.
- 4. Enter the JNDI Name as 'NotifyDestQCF'.
- 5. Check the box 'XA Connection Factory Enabled'.
- 6. Click 'Next'.



The following screen is displayed:

🚖 🏘 🌈 Create a New JMS System Module P	tesource - fcubs11	🟠 - 🔝 - 🖶 - 📴 Bage - 🎯 Tgols - 🎽
	Administration Console	Q
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JD Modules >FCUBS SystemModule	BC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS
No pending changes exist. Click the Release Configuration button to allow others to edit the domain. Look & Edit Release Configuration Domain Structure Facher113, domain	Create a New JHS System Module Resource Back Inter I Advanced Targeting Cancel The following properties will be used to target your new JHS system module resource Use this page to view and accept the default targets where this JMS resource will be targeted. The accept the default targets, then clock Advanced Targeting to use the subdeployment mechanism	default targets are based on the parent JMS system module targets. If you do not want to
	The following JNG module targets will be used as the default targets for your new JNG system modul accordinately. Targets : Servers HanagedServer1 Back Inter Intah Advanced Targeting Cance	e resource. If the module's targets are changed, this resource will also be retargeted
How do I Configure quotas for destinations Configure JMS templates Configure destination keys		
Configure topics Configure queues Configure connection factories Configure uniform distributed topics Configure uniform distributed queues		
Configure foreign servers Configure JMS SAF System Status		
Health of Running Servers Paled (0) Critical (0) Overloaded (0)		
Jone		Scal intranet 🔍 100% 🔹

7. Click 'Advanced Targeting'. The following screen is displayed.

🚖 🎄 🌈 Create a New JMS System Module P	Resource - fcubs11	🏠 🔹 🔝 👘 🖶 🔛 Bage 🔹 🎯 Tgols 🔹 🎽
	Administration Console	Q
Change Center	🏠 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC D Modules >FCUBS SystemModule	ata Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS
No pending changes exist. Click the Release Configuration buttion to allow others to edit the domain. Lock & Edit Release Configuration	Create a New JMS System Module Resource Back Treath Caneel The following properties will be used to target your new JHS system module resource	
Domain Structure fcubs113_domain B-EnvironmentDeployments	Use this page to select a subdeployment to assign this system module resource. A subdeployment is a n SAF agent. If necessary, you can create a new subdeployment by clicking the Create a New Subdep module's subdeployment management page.	
	Select the subdeployment you want to use. If you select (none), no targeting will occur. Subdeployments: FCUBS V Create a New Subdeployment.	
Store-and-Forward Agents JMS Modules Path Services 	What targets do you want to assign to this subdeployment? Targets :	
How do L	Servers HanagedServer1	
Configure quotas for destinations Configure JMS templates Configure destination keys Configure topics	JHS Servers JHS Servers If FCUBS_JHSServer	
Configure topics Configure queues Configure connection factories Configure uniform distributed topics	Back Next Finish Cancel	
Configure uniform distributed queues Configure foreign servers Configure JMS SAF		
System Status		
Health of Running Servers		
Faled (0)		
Critical (0)		
Overloaded (0)		×
Done		Scal Intranet 🔍 100% 👻

8. Select the 'Subdeployments' as FCIS.



- 9. Under JMS Servers, check the box against 'Managed Server'.
- 10. Click 'Finish'. The following screen is displayed:

RACLE WebLogic Server® A				1			
ange Center	-	Out Preferences 🔤 Reco		٩			veblogic Connected to: fcubs113_do
ew changes and restarts	Home >Summa Modules >FCU	ry of JDBC Data Sources >FL BS_SystemModule	EXTEST.WORLD >	Summary of JMS Serv	ers >Summary of JDBC Data Sources >	FLEXTEST.WORLD >Summary of JMS S	ervers >JMS
nding changes exist. They must be activated take effect.	Messages	n factory created successful	lu.				
 Activate Changes 			iy.				
Undo All Changes		UBS_SystemModule					
	Configuration	n Subdeployments Tar	gets Security	Notes			
s113 domain							
Environment	i nis page dis	plays general information ac	iout a JMS system	module and its resol	irces. It also allows you to configure	new resources and access existing res	ources.
Deployments Services	Name:		FCUBS_Sy	ystemModule		The name of this JMS system modul	e. More Info
-Messaging	Descriptor Fi	le Name:	jms/FCUB	S_SystemModule-jm:	1.xml	The name of the JMS module descri	ptor file. More Info
Store-and-Forward Agents							
		uota, distributed destination				opic destinations, connection factories,	JMS templates, destination sort keys,
	destination q	uota, distributed destination				opic destinations, connection factories,	
Molues Parts Modules Provides Provides Provides Provides Provides Provides Provides Vork Contexts v vork Contexts v	destination qu	uota, distributed destination				opic destinations, connection factories,	JMS templates, destination sort keys, Showing 1 to 2 of 2 Previous Net
Hondules Henrices	Customize	uota, distributed destination this table Resources				opic destinations, connection factories,	
Hard Services How Contexts do L ponfigure JMS system modules	Customize Summary of New Dek	uota, distributed destination this table Resources	is, foreign servers	;, and store-and-forv	ard parameters.		Showing 1 to 2 of 2 Previous Ne:
	estination que customize i Summary of New Debu	uota, distributed destination this table f Resources the a 🗞	Type	;, and store-and-forv	JNDI Name	Subdeployment	Showing 1 to 2 of 2 Previous Net Targets
- visk Maduks - visk Maduks Mit Structures - visk Sources - Persistent Stores - Visk Contexts - Visk C	estination que customize i Summary of New Debu	uota, distributed destination this table f Resources e & DestQCF PY_DEST_QUEUE	Type Connection	;, and store-and-forv	JHDI Name NotifyDestQCF	Subdeployment PCLBS	Showing 1 to 2 of 2 Previous Ne: Targets PCUBS_2MSServer
- vis Modules - Parts Services B) Endiges - Data Sources - Prestant Stores - Prestant Stores - Present JUC Providers - Work Contexts - Work Context - Work Context	estination que customize summary of New Performance Notify	uota, distributed destination this table f Resources e & DestQCF PY_DEST_QUEUE	Type Connection	;, and store-and-forv	JHDI Name NotifyDestQCF	Subdeployment PCLBS	Showing 1 to 2 of 2 Previous Ne: Targets FCUBS_JMSServer FCUBS_JMSServer
- visk Maduks - visk Maduks Mit Structures - visk Sources - Persistent Stores - Visk Contexts - Visk C	estination que customize summary of New Performance Notify	uota, distributed destination this table f Resources e & DestQCF PY_DEST_QUEUE	Type Connection	;, and store-and-forv	JHDI Name NotifyDestQCF	Subdeployment PCLBS	Showing 1 to 2 of 2 Previous Ne: Targets FCUBS_JMSServer FCUBS_JMSServer
- visit Modules - visit Modules - visit Socies - visit Socies - Persistant Socies - Persistant Socies - Persistant Socies - visit Contexts - visit C	estination que customize summary of New Performance Notify	uota, distributed destination this table f Resources e & DestQCF PY_DEST_QUEUE	Type Connection	;, and store-and-forv	JHDI Name NotifyDestQCF	Subdeployment PCLBS	Showing 1 to 2 of 2 Previous Ne: Targets FCUBS_JMSServer FCUBS_JMSServer
	estination que customize summary of New Performance Notify	uota, distributed destination this table f Resources e & DestQCF PY_DEST_QUEUE	Type Connection	;, and store-and-forv	JHDI Name NotifyDestQCF	Subdeployment PCLBS	Showing 1 to 2 of 2 Previous Ne: Targets FCUBS_JMSServer FCUBS_JMSServer

- 11. The message 'Connection Factory created successfully' is displayed.
- 12. Click on the Connection Factory 'NotifyDestQCF' to have XA Connection Factory enabled.

The following screen will be displayed.

🚖 🏘 🌈 Settings for NotifyDestQCF - fcubs11	3_domain - WLS	·					🟠 🔹 🗟 👘 🖶 Eage 🔹 🎯 Tgols 🗸 🎽
	dministration C	onsole					Q 🔺
Change Center	🔒 Home Log (Out Preferences 🛛	Record Help		۹		Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home > FLEXTE Modules > FCUE	ST.WORLD >Summa S_SystemModule >N	ry of JMS Servers >So otifyDestQCF >FCUB	ummary of JDBC I S_SystemModule :	ata Sources > FLE	CTEST, WORI	.D >Summary of JMS Servers >JMS
Pending changes exist. They must be activated to take effect.	Settings for No	tifyDestQCF					
Activate Changes	Configuration	Subdeployment	Notes				
Undo All Changes	General De	fault Delivery Cl	ent Transactions	Flow Control	Load Balance	Security	
Domain Structure	Save						
fcubs113_domain B Environment Deployments B Services	Use this page	to define the gener	al configuration para	ameters for this J	MS connection fa	tory, which	includes various client connection, default delivery, load balancing, and security parameters.
Messaging MS Servers	🛃 Name:	NotifyDestQC					The name of this JMS connection factory. More Info
Store and -Forward Agents JMS Modules Modules M*********************************	JNDI Name:	NotifyDest	2CF				The global 2NDI name used to look up a connection factory within a dustered 3NDI namespace. More Info
Bridges Data Sources Persistent Stores	🗌 👘 Defa	ult Targeting Ena	bled				Specifies whether this JMS resource defaults to the parent module's targeting or uses the subdeployment targeting mechanism. More Info
Foreign JNDI Providers	- Advance	d					
How do L	Save						
Configure connection factories							
System Status							
Health of Running Servers							
Failed (0)							
Critical (0)							
Overloaded (0)							
Warning (0)							
OK (2)							
WebLogic Server Version: 10.3.4.0 Copyright © 1996,2010, Oracle and/or its affiliates. All ri Oracle is a registered trademark of Oracle Corporation :		Other names may be t	rademarks of their res	pective owners.			



13. Click 'Transactions' Tab. The following screen is displayed.

OPACLE WebLogic Server* Administration Console Change Center Weckomes, weblogic Connected Yeer changes and restarts Pending changes callers Weckomes, weblogic Connected Pending changes callers Pending changes callers Weckomes, weblogic Connected Weich changes callers Pending changes callers Secure 3: REVTORILD > Summary of 2MS Servers > 2MS Pending changes callers Secure 3: REVTORILD > Summary of 2MS Servers > 2MS Pending changes callers Secure 3: REVTORILD > Summary of 2MS Servers > 2MS Pending changes callers Secure 3: REVTORILD > Summary of 2MS Servers > 2MS Pending changes callers Secure 3: REVTORILD > Summary of 2MS Servers > 2MS Pending changes callers Secure 3: REVTORILD > Summary of 2MS Servers > 2MS Pending changes callers Secure 3: REVTORILD > Summary of 2MS Servers > 2MS Pending changes callers Secure 3: REVTORILD > Summary of 2MS Servers > 2MS Pending changes callers Secure 3: REVTORILD > Summary of 2MS Servers > 2MS Pending changes callers Secure 3: REVTORILD > Summary of 2MS Servers > 2MS Pending changes callers Secure 3: REVTORILD > Summary of 2MS Servers > 2MS Pending changes callers Secure 3: REVTORILD > Summary of 2MS Servers > 2MS Pensiestowes	• 🔂 Eage 🔹 🕥 Too	🚯 • 🗟 - 🖶 •							s	3_domain - W	Settings for NotifyDestQCF - fcubs11
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Modules Status Modules SHOULSS Journal Modules SHould Possible SHould Possing SHould Possible SHould Possible SHould Possible SH	ed to: fcubs113_dom	Welcome, weblogic Connected	w		٩		ecord Help	ences 🔤 I	og Out Prefere	🔒 Home I	nge Center
Isee Feft: Settings for HotifyDestQCT Undo AI Dranges Configuration Subdecomment Note Designment Settings for HotifyDestQCT Defines Setures Transaction of the JMS correction factory. You can define a transaction the-out value, and also indicate whether an XA queue or XA factory for all parametrizes and the orable sessions that are TA user-transaction market. Defines Setures Transaction Factory trabled The executive factory. More Enfin Prevention Stores Defines on the orable session shat are TA user-transaction market. New Enfin Prevention Stores Defines on the orable session shat are TA user-transaction market. Transaction Transaction Transaction factory. More Enfin Prevention Stores Defines shate and XAGenere to a XAGenere to a store of the and XAGenere to a store of the ant XAGenere to a whether an XAGenere to a store of the ant XAGenet to a store of the ant XAGenet to a store of			mary of JMS Servers >JMS	rest.world >Su							w changes and restarts
Undo Al Changes Transactions Point Control Load Balance Security amain Structure do 113_doman Environment Transaction for this JMS connection factory. You can define a transaction time-out value, and also indicate whether an XA queue or XA factors and Services Services Import Services Import Services 3600 The transaction on one this connection factory. You can define a transaction time-out value, and also indicate whether an XA queue or XA factors in the transaction configuration for this JMS connection factory. You can define a transaction time-out value, and also indicate whether an XA queue or XA factors in the transaction configuration for this JMS connection factory. You can define a transaction time-out value, and also indicate whether an XA queue or XA factors in the transaction configuration for this JMS connection factory. You can define a transaction time-out value, and also indicate whether an XA queue or XA factors in the intermediation indicate whether an XA queue or XA factors in the intermediation indicate whether an XA queue or XA factors in the intermediation indicate whether an XA queue or XA factors in the intermediation indicate whether an XA queue or XA factors in the intermediation indicate whether an XA queue or XA factors in the intermediation indicate whether an XA queue or XA factors in the intermediation indicate whether an XA queue or XA factors in the intermediation indicate whether an XA queue or XA factors in the intermediation indicate whether an XA queue or XA factors in the intermediation indicate whether an XA queue or XA factors in the intermediation indicate whether an XA queue or XA factors in the intermediation indicate whether an XA queue or XA factors in the intermediation indit in the mapute tof the intermediation indicate in the intermedia								CF	NotifyDestQ	Settings fo	
A Connection Factory Enabled Configure connection factory. You can define a transaction time-out value, and also indicate whether an XA queue or XA factory is returned, which create sessions that ere JTA user transaction aware. Transaction Timeout: Trans							lotes	oloyment	tion Subdepl	Configura	 Activate Changes
Mill Johnson Environment				Security	Load Balance	Flow Control	Transactions	ry Client	Default Deliver	General	Undo All Changes
Environment Depriorments Services Use thy page to define the transaction or free JR connection factory. You can define a transaction the out value, and also indicate whether an XA queue or XA fectory is returned, which oresits sessions that <i>are JTA</i> user-transaction aware. Messaging Store-and-Forward Agents Store-and-Forward Agents Transaction Tractory trabled The timeout value (in seconds) for all transactions on on the connection factory. Nove info Transaction Tractory trabled Trade to a gauge to define a transaction manager. Transaction Tractory trabled Transaction Tractory trabled Trade to a gauge to define a transaction manager. Transaction Tractory trabled Transaction Tractory trabled Trade to a gauge to define a transaction manager. Transaction manager. Transaction Tractory trabled Trade (0) Overloaded (0) Transaction control factory trabled										Save	nain Structure
	A topic connection	indicate whether an XA queue or XA	action time-out value, and also indi	can define a tra							Environment Deployments Services
Impairs Services Indicates whether # XA gueue or XA toxic connection fractory trabled Indicates whether # XA gueue or XA toxic connection fractory # An XA connection # An XA XA Connection # An XA	innections created with	seconds) for all transactions on con ry. More Info	The timeout value (in se this connection factory.			0	36		on Timeout:	Transact	····JMS Servers ···Store-and-Forward Agents
Interventions in the second se	connection factory can be used to create an	r topic connection factory. An XA cor XAConnection, which in turn may be turn may be used to obtain an XARes	instead of a queue or to be used to create an XA XASession, which in turn				abled	Factory E	A Connection		Path Services
em Status em Status Faled (0) Faled (0) Cricta (0) Overloaded (0)										Save	work contexts
Failed (0) Critical (0) Overloaded (0)											nfigure connection factories
of Running Servers Faled (0) Ortical (0) Overloaded (0)											
Faled (0) Critical (0) Overloaded (0)											in status –
Critical (0) Overloaded (0)											
Warning (0)											Overloaded (0)
											Warning (0)
OK (2)											OK (2)
Logic Server Venson: 10.14.0											

14. Check the box 'XA Connection Factory Enabled'.

15. Click 'Save'. The following screen is displayed.

🚖 🎄 🌈 Settings for NotifyDestQCF - fcut	as113_domain - WLS	🛐 🔹 🔝 🕤 🖶 Rage + 🎯 Tigols +					
	[®] Administration Console	õ					
Change Center	🏠 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain					
View changes and restarts	Home >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC Data Sources >FLEXTEST.WORLD Modules >FCUBS_SystemModule >NotifyDestQCF >FCUBS_SystemModule >NotifyDestQCF	> Summary of JMS Servers >JMS					
Pending changes exist. They must be activated to take effect.							
Activate Changes	Settings for NotifyDestQCF						
Undo All Changes	Configuration Subdeployment Notes						
Domain Structure	General Default Delivery Client Transactions Flow Control Load Balance Security						
Fcubs113_domain Fcuvironment Deployments Services	Save						
	Use this page to define the transaction configuration for this JMS connection factory. You can define a factory is returned, which create sessions that are JTA user-transaction aware.	a transaction time-out value, and also indicate whether an XA queue or XA topic connection					
····Path Services	Transaction Timeout: 3600	The timeout value (in seconds) for all transactions on connections created with this connection factory. More Info					
Data SourcesPersistent StoresForeign JNDI ProvidersWork Contexts	☑ 過 XA Connection Factory Enabled	Indicates whether a XA queue or XA topic connection factory is returned, instead of a queue or topic connection factory. An XA connection factory can be used to create an XAConnection, which in turn may be used to create an XASession, which in turn may be used to obtain an XAResource for use inside a transaction manager. More Info.					
How do I							
Configure connection factories	Save						
iystem Status 🗉							
Health of Running Servers							
Failed (0)							
Critical (0)							
Overloaded (0)							
Warning (0)							
OK (2)							
WebLogic Server Version: 10.3.4.0 Copyright © 1996,2010, Oracle and/or its affiliates. Oracle is a registered trademark of Oracle Corporat	All rights reserved. So and/or its affiliates. Other names may be trademarks of their respective owners.						

- 16. The message 'Settings updated successfully' is displayed.
- 17. Click 'Activate Changes' button under 'Change Center'.



The message 'All the changes have been activated. No restarts are necessary' is displayed.

🔆 🎄 🌈 Settings for NotifyDestQCF - fcubs11:	3_domain - WL5	🟠 🔹 🔝 🐇 🖶 🎽 🔂 Page 🕶 🎯 Tools 🔹						
	dministration Console	Q						
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain						
View changes and restarts	Home > FLEXTEST.WORLD > Summary of JMS Servers > Summary of JDBC Data Sources > FLEXTEST.WORLD > Summary of JMS Servers > JMS Modules > FCUBS_SystemModule > NotifyDestQCF > FCUBS_SystemModule > NotifyDestQCF							
Click the Lock & Edit button to modify, add or delete items in this domain.	dd or Messages ✔ Al changes have been activated. No restarts are necessary.							
Lock & Edit	Settings for NotifyDestQCF							
Release Configuration	Configuration Subdeployment Notes							
Domain Structure fcubs113_domain	General Default Delivery Clent Transactions Flow Control Load Balance Security							
B Environment Deployments	Click the Lock & Editbutton in the Change Center to modify the settings on this page.							
⊖-Services ⊖-Messaging	Save							
JMS Servers Store-and-Forward Agents JMS Modules Path Services	Use this page to define the transaction configuration for this JMS connection factory. You can define a transaction time-out factory is returned, which create sessions that are JTA user-transaction eware.	t value, and also indicate whether an XA queue or XA topic connection						
Bridges Data Sources Persistent Stores		timeout value (in seconds) for all transactions on connections created with connection factory. More Info						
How do I	A Connection Factory Enabled Instr be XAS	cates whether a XA queue or XA topic connection factory is returned, ead of a queue or topic connection factory. An XA connection factory can seed to create an XAConnection, which in turn may be used to create an ession, which in turn may be used to obtain an XAResource for use inside						
Configure connection factories	a tra	ansaction manager. More Info						
System Status	Click the Lock & Editbutton in the Change Center to modify the settings on this page.							
Failed (0)								
Critical (0)								
Overloaded (0)								
Warning (0)								
ОК (2)								
WebLogic Server Version: 10.3.4.0 Copyright © 1996,2010, Oracle and/or its affiliates. All rig Oracle is a registered trademark of Oracle Corporation a	ights man-ved. and/or is affinitiate. Other names may be trademarks of their respective owners.							

7.3 Configuring Weblogic for Oracle FLEXCUBE

This section explains the steps for configuring Oracle WebLogic application server for Oracle FLEXCUBE Investor Servicing. Follow the steps given below:

1. Select the domain from the domain structure as shown below. (Eg: fcis_domain).

🚖 🏘 🌈 Home Page - fcubs113_domain - WL	S Console		🐴 🔹 🔝 👘 🖶 🖓 Bage 🔹 🎯 Tgols 🔹 🎽
	Administration Console		Q 🍝
Change Center	🏦 Home Log Out Preferences 🔤 Record Help	Q	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JMS Servers >Summary of JDBC Data So Modules >FCUBS_SystemModule >NotifyDestQCF >FCUBS_S		
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Home Page		
Lock & Edit	Helpful Tools	General Information	
Release Configuration	Configure applications	General Information Common Administration Task Descriptions	
	Configure applications Configure GridLink for RAC Data Source	Read the documentation	
Domain Structure	 Recent Task Status 	 Ask a guestion on My Oracle Support 	
fcubs113 domain	 Set your console preferences 	 Oracle Guardian Overview 	
Deployme fcubs113_domain	- Domain Configurations		
⊕-Messaging	Domain	Services	Interoperability
··· JMS Servers	Domain	Messaging	WTC Servers
Store-and-Forward Agents		 JMS Servers 	Jolt Connection Pools
Path Services	Environment	 Store-and-Forward Agents 	
⊕-Bridges	Servers	 JMS Modules 	Diagnostics
Data Sources	Clusters	 Path Services 	Log Files
Foreign JNDI Providers	Virtual Hosts	 Bridges 	Diagnostic Modules
Work Contexts	Migratable Targets	Data Sources	Diagnostic Images
How do I	Coherence Servers	 Persistent Stores 	Request Performance
	Coherence Clusters	 XML Registries 	Archives
 Search the configuration 	Machines	 XML Entity Caches 	Context
Use the Change Center	Work Managers	 Foreign JNDI Providers 	SNMP
Record WLST Scripts	 Startup And Shutdown Classes 	 Work Contexts 	
Change Console preferences		 jCOM 	Charts and Graphs
Monitor servers	Your Deployed Resources	 Mail Sessions 	Monitoring Dashboard
Sustem Status 🖂	Deployments	FileT3	
System Status		• JTA	
Health of Running Servers	Your Application's Security Settings		
Failed (0)	Security Realms		
Critical (0)			
Overloaded (0)			
Warning (0)			
OK (2)			
WebLogic Server Version: 10.3.4.0			
Copyright © 1996,2010, Oracle and/or its affiliates. All	rights reserved. 1 and/or its affiliates. Other names may be trademarks of their respec		
onacle of a registered trademark or Oracle Corporation	r anayor to anniates. Outer names may be trademarks of their respec		



The following screen is displayed:

ACLE WebLogic Server® A	dministratio	n Co	isole						
Center	🔒 Home Log Out Preferences 🚵 Record Help						Welcome, weblogic Connected to: fcubs113_do		
anges and restarts	Home >Summary of JMS Servers >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >JM Modules >FCUBS SystemModule >NotifyDestQCF >FCUBS SystemModule >NotifyDestQCF >fcubs113 domain						>JMS		
ing changes exist. Click the Release ation button to allow others to edit the	Settings fo								
Boon bottom to bion obiers to cart the	Configura		_		Control Security	Web Ferr	vice Security	otes	
Lock & Edit				_	· ·			otes	
Release Configuration	General	JTA	JPA	EJBs	Web Application	is Logging	Log Filters		
	Save								
3 domain									
onment	A domain domain.	is a col	ection o	f WebL	ogic Server instanc	es that is ma	naged by a single	Administration Server. Use	this page to configure administrative options that apply to all servers in the current
oyments ces									
lessaging	* Indicates	require	d fields						
"JMS Servers "Store-and-Forward Agents	* Name:						fcubs113_dd	naio	The name of this WebLogic Server domain. More Info
JMS Modules	name.						10005113_00		The hane of alls webboge server domain. Hore show
Path Services B-Bridges ata Sources	📃 Enab	ie Adr	ninistra	tion P	ort				Specifies whether the domain-wide administration port should be enabled for this WebLogic Server domain. Because the administration port uses SSL, enabling the administration port requires that SSL must be configured for all
ersistent Stores oreign JNDI Providers									servers in the domain. More Info
Vork Contexts	Administ	ration	Port				9002		The common secure administration port for this WebLogic Server domain. (Requires you to enable the administration port.) More Info
1	👘 Produ	ction	Mode:				true		Specifies whether all servers in this domain run in production mode. Once
ge Console preferences gure the domain-wide administration port									enabled, this can only be disabled in the admin server startup command line. More Info
e configuration files									
e the Console	🗌 🐠 E	nable	:xalogi	c Optir	nizations				Specifies whether optimizations for Oracle Exalogic should be enabled. Optimizations include improved thread management and request processing, and reduced lock contention. This attribute should be enabled only when configuring a ViebLogic domains for Oracle Exalogic. Form one information, see "Enabling Exalogic-Specific Enhancements in Oracle WebLogic Server: 11g Release 1 (0.3.4)" in the Oracle Exalogic Deprivment Guide. New Enfort
f Running Servers				🗌 👸 Enable Cluster Constraints					
FRunning Servers Failed (0)	🗆 🚜 E	nable	Cluster	Const	raints				Specifies that deployments targeted to a cluster succeed only if all servers in the cluster are running. More Info
Fauning Servers Failed (0) Critical (0) Overloaded (0) Warning (0)					raints eployment of in	ternal appli	cations		Specifies that deolyments targeted to a duster succeed only if all servers in the duster are running. More Info Specifies whether Internal applications such as the console, uddi, violatetalen and uddeuptore are deolymed on demand (first access) insitead of during server stratup. Were Info
Fauning Servers Failed (0) Critical (0) Overloaded (0)	✓ <u>d</u> E	nable	on-den	nand d		ternal appli	cations		the cluster are running. More Info Specifies whether internal applications such as the console, uddi, wistestclier and uddexplorer are deployed on demand (frst access) instead of during

2. Under 'configuration' tab, Select 'Web Applications'. The following screen is displayed.

🛊 🍁 🎉 Settings for Fabs 113_domain - Fabs 113_domain - W 📃 🦓 🔹 🔂 👘 🐑 (2999 - 🛞 1005 -							
	Administration Console	Q ^					
Change Center	home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain					
View changes and restarts	Home >FLEXTEST.WORLD >Summary of JMS Servers >JMS Modules >FCUB5_SystemModule >NotifyDestQC Sessions >fcubs113_domain	F >FCUBS_SystemModule >NotifyDestQCF >fcubs113_domain >Summary of Mail					
Click the Lock & Edit button to modify, add or delete items in this domain.	Settings for fcubs113_domain						
Lock & Edit	Configuration Monitoring Control Security Web Service Security Notes						
Release Configuration	General JTA JPA EJBs Web Applications Logging Log Filters	=					
Domain Structure	Click the Lock & Editbutton in the Change Center to modify the settings on this page.						
fcubs113_domain	Save						
DeploymentsServicesMessagingMe	Use this page to define the domain-wide Web application configuration settings,						
IMS Servers Store-and-Forward Agents Nath Nordules Path Services 	🗌 dĒ Relogin Enabled	Begrining with the 3.0 release the FCRM BASIC subtraction behavior has been modified to control to the solution of the subscription of the solution of the logger in but does not have privileges to access a resource, the 403 (FCRBCDR) page will be returned. Turn the file on to enable the old behavior, which was to return the user to the logn form. More Info					
Persistent Stores Poregn JK01 Providers Poregn JK01 Providers Work Contexts How do Ln. Deploy Web applications Stop deployed Web applications	☐ dĒ Allow All Roles	In the security-constraints determent defined in a Vieb application's rele and deployment description, the auti-constraint active method to the fue modes that should be permitted access to this resource collection. Here roles and the should be permitted access to this resource collection. In previous releases, role-name = "" is as trasted as all usery/size defined in behavior. Default behavior is one required by the spoc, meaning all roles defined in the should be advised by the spoc. The should be all roles defined in the should behavior. If set, the value defined in neblogic.wnl (containe_description > down-directly table procedment) for 20 ver the					
Delete Web applications Update run-time descriptors System Status	value. More Info value. More Info indicate why the Info in						
System Saturds Health of Sturning Servers Falled (0) Ortical (0) Overloaded (0) Warning (0) OK (2)		(and includes/forwards). Servist 2.4 has introduced the "Dispatcher" element to make this behavior exclution. The default value to Dispatcher=Ref2EUET. In order to be compliant with the JEE specification, the default value for 0.0. Note that if you are using of descriptions (benning make and descriptions) representation of the second second second second second second FilterDesphericRequestSecond second second second second filter-dispatcherRequestSecond second second second second Additionally, during migration of old constraints the Vela displatication, unless filter-displationsRequestSecond second second second second Additionally, during migration of old constraints the 9.0 domain, the migration plagm automatically vela the filter of the filter.					
	Overload Protection Enabled	This parameter is used to enable overlaad protection in the selago container against low memory conditions. When also weary situation occurs, new session orestion attempts will result in weblog carefuld. Session:TeasonException and take proper action. The application occe needs to catch this exception and take proper action. Alternatively appropriate error- pages can be configured in neb, will again in the will again the configured to t					
Done		Succel intranet 🔍 100% 🔹 🛒					



3. Scroll down and ensure that the details are as shown in the figure. The remaining portion of the screen is given below:

🖌 💠 🌈 Settings for fcubs113_domain - fcubs1	113_domain - W	🟠 🔹 🔝 🛸 🎰 🐑 Bage 🕶 🎯 Tools 🕶
	Http Trace Support Enabled	Returns the value of HttpTraceSupportEnabled. More Info
	UebLogic Plugin Enabled	Specifies whether or not the proprietary WL-Proxy-Clent-IP header should be honored. (This is needed only when WebLogic plugins are configured.) More Info
	☑ Auth Cookie Enabled	Whether authcookie feature is enabled or not. More Info
	🕑 🥀 Change Session ID On Authentication	Global property to determine if we need to generate a new SessionID after authentication. When this property set to 'false'', the previous sessionID will be retained even after authorization. More Info
	WAP Enabled	Indicates whether the sension ID should include TMM information. Clonding the bas may be necessary when using IRL rearring unit IVAP deducts that limit the size of the URL to 28 characters, and may also affect the use of the URL to 128 characters, and may also affect the use of the URL will be set at 52 characters, and it will not contain any special denactions. Two is followed as the should be apprecised as the set of the URL to the short set o
	Post Timeout 30	The amount of time this server waits between receiving chunks of data in an HTTP POST data before it times out. (This is used to prevent denial-of-service attacks that attempt to overload the server with POST data.) More Info
	Maximum Post Time: -1	Max Post Time (in seconds) for reading HTTP POST data in a servlet request. MaxPostTime < 0 means unlimited More Info
	Maximum Post Size: _1	The maximum post size this server allows for reading HTTP POST data in a servlet request. A value less than 0 indicates an unlimited size. More Info
	V Work Context Propagation Enabled	Indicates whether or not WorkContextPropagation is enabled. By default it is turned on. There is a little overhead involved in propagating WorkContexts. Therefore, if you don't care about WorkContext propagation, turn this value off in production environments. More Info
	處 P3P Header Value:	Returns the P3P Header value that will be sent with all responses for http requests (if non-null). The value of this header points to the location of the policy reference file for the Web site. More Info
	V 👸 JSP Compiler Backwards Compatible	Global property to determine the behavior of the JSP compiler. When this property set to "true", the JSP compiler throws a translation error for JSPs that do not conform to the JSP2.0 specification. This property exists for backward compatibility. More Info
	🕑 🕂 Archived Real Path Enabled	Global property to determine the behavior of getRealPath() for archived web applications. When this property set to "true", getRealPath() will return the canonical path of the resource files. More Info
	Save	
/ebLogic Server Version: 10.3.4.0 opyright © 1996,2010, Oracle and/or its affiliates. All riç racle is a registered trademark of Oracle Corporation a	h ndjor its affliates. Other names may be trademarks of their respective owners.	

- 4. Check the options 'JSP Compiler Backwards Compatible' and 'Archived Real Path Enabled'.
- 5. Click 'Save'.



6. The following screen is displayed:

🚖 🕸 🌈 Settings for fcubs113_domain - fcu	bs113_domain - W	🦓 🔹 🗟 👘 🖶 🔹 🔯 Eage + 🎯 Tools - 🎽
	Administration Console	Q 🕯
Change Center	🔒 Hame Lag Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JMS Servers >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS Modules >FCUBS SystemModule >NotifyDestQCF >FCUBS SystemModule >NotifyDestQCF >fcubs113 domain	
Pending changes exist. They must be activated to take effect.	Messages	
Activate Changes	Settings updated successfully.	
	Settings for fcubs113_domain	
Undo All Changes	Configuration Monitoring Control Security Web Service Security Notes	
Domain Structure	General JTA JPA EJBs Web Applications Logging Log Filters	
fcubs113_domain Environment	Save	
Deployments BServices		
. P-Messaging	Use this page to define the domain-wide Web application configuration settings.	
····JMS Servers ···Store-and-Forward Agents		
JMS Modules	🔲 🙀 Relogin Enabled	Beginning with the 9.0 release the FORM/BASIC authentication behavior has been modified to conform strictly to the JZEE Specification. If a user has
🕀 - Bridges		logged-in but does not have privileges to access a resource, the 403 (FORBIDDEN) page will be returned. Turn this flag on to enable the old
Data Sources		behavior, which was to return the user to the login form. More Info
Foreign JNDI Providers	🗍 🚜 Allow All Roles	In the security-constraints elements defined in a Web application's web.xml
How do T		deployment descriptor, the auth-constraint element indicates the user roles that should be permitted access to this resource collection. Here role-name =
How do 1		"**" is a compact syntax for indicating all roles in the Web application. In previous releases, role-name = "*" was treated as all users/roles defined in
Deploy Web applications Stop deployed Web applications		the realm. This parameter is a backward-compatibility switch to restore old behavior. Default behavior is one required by the spec, meaning all roles
Delete Web applications		defined in the web application. If set, the value defined in weblogic.xml (container-descriptor -> allow-all-roles) takes precedence (if set) over this
Update run-time descriptors		value. More Info
Curture Chature [1]	📃 🛃 Filter Dispatched Requests	Indicates whether or not to apply filters to dispatched requests. This is a backward compatibility flag. Until version 8.1, WebLogic Server applied
System status -		ServietFilters (if configured for the Web application) on request dispatches (and includes/forwards). Serviet 2.4 has introduced the "Dispatcher" element
Health of Running Servers		to make this behavior explicit. The default value is Dispatcher=REQUEST. In
Failed (0)		order to be complaint with the J2EE specification, the default value for FilterDispatchedRequestsEnabled is false beginning with WebLogic Server 9.0.
Critical (0) Overloaded (0)		Note that if you are using old descriptors (meaning web.xml does not have version=2.4), then WebLogic Server automatically uses
Warning (0)		FilterDispatchedRequestsEnabled = true for the Web applications, unless filter-dispatched-requests-enabled is explicitly set to false in weblogic.xml.
OK (2)		This means that old applications will work fine without any modification. Additionally, during migration of old domains to the 9.0 domain, the migration
		plugin automatically sets this flag to true. More Info
	Overload Protection Enabled	This parameter is used to enable overload protection in the webapp container
		against low memory conditions. When a low memory situation occurs, new session creation attempts will result in
		weblogic.servlet.SessionCreationException. The application code needs to catch this exception and take proper action. Alternatively appropriate error-
lane		Scal intranet 🔍 100% 👻

- 7. Ensure that the message 'Settings are updated successfully' is displayed.
- 8. Click the button 'Active Changes' and then restart the admin server.



7.4 Setup/Configure Mail Session in Weblogic

This section describes the set of configurations changes required in Oracle Weblogic Server when Oracle FLEXCUBE INSTALLER SERVICING is configured to generate and send passwords to users via e-mail.

7.4.1 Creating JavaMail Session

To configure mail session, follow the steps below.

9. Expand 'Services' on the left pane of the application server. Click 'Mail Sessions'.

RACLE WebLogic Server [®]	Administration Console		Ģ
ge Center	î Home Log Out Preferences 🔤 Record Help	Q	Welcome, weblogic Connected to: fcubs113_dom
changes and restarts	Home > Summary of JDBC Data Sources > FLEXTEST.WO Modules > FCUBS_SystemModule > NotifyDestQCF > FCU	RLD >Summary of JMS Servers >JMS BS_SystemModule >NotifyDestQCF >fcubs113_dc	main >Summary of Mail Sessions
he Lock & Edit button to modify, add or titems in this domain.	Summary of Mail Sessions		
Lock & Edit	Summary of their Sessions		
Release Configuration	Mail sessions facilitate the process of using the Java Protocol (SMTP)-capable mail servers on your networ		J2EE modules with access to Internet Message Access Protocol (IMAP)- and Simple Mail Transfer
in Structure	This page summarizes the mail sessions that have be	en configured in the current WebLogic Server (domain.
Messaging			
····JMS Servers ····Store-and-Forward Agents	Customize this table		
JMS Modules	Mail Sessions		
Path Services	Click the Lock & Edit button in the Change Center to	activate all the buttons on this page.	
⊕-Bridges •Data Sources			
"Persistent Stores	New Clone Delete		Showing 0 to 0 of 0 Previous Next
"Foreign JNDI Providers	Name 🚸	Properties	JNDI Name
-Work Contexts -XML Registries	name 🗠	Properties	JNDI Name
-XML Registries -XML Entity Caches		There are no its	ems to display
";COM	New Clone Delete		Showing 0 to 0 of 0 Previous Next
Mail Sessions			
lo I 🗉			
figure access to JavaMail			
get mail sessions			
ete mail sessions			
Chabura	,		
in Status –			
of Running Servers			
Failed (0)			
Critical (0)			
Overloaded (0)			
Warning (0)			
OK (2)			
]		
ogic Server Version: 10.3.4.0			
right © 1996,2010, Oracle and/or its affiliates. / is a registered trademark of Oracle Corporati	\ll rights reserved. ion and/or its affiliates. Other names may be trademarks of their re	spective owners.	



10. Click 'Lock & Edit' for creating a new session.

🚖 🎄 🌈 Summary of Mail Sessions - Foubs113	3 domain - WLS C		≬ • ⋒ ~ ⊜ •	🕞 Bage + 🌀 Tools +				
ORACLE WebLogic Server® A				0				
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Q	Welcome, weblogic Connected	to: fcubs113_domain				
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.W Modules >FCUBS_SystemModule >NotifyDestQCF >FC		13_domain >Summary of Mail Sessions					
Click the Lock & Edit button to modify, add or delete items in this domain.	Summary of Mail Sessions							
Lock & Edit								
Release Configuration	Mail sessions facilitate the process of using the JavaMail APIs, which provide applications and other JZEE modules with access to Internet Message Access Protocol (IMAP)- and Simple Mail Transfer Protocol (SMTP)-capabile mail servers on your network or the Internet.							
Domain Structure	This page summarizes the mail sessions that have b	been configured in the current WebLogic Serv	ver domain.					
Messaging Missaging Misservers Store-and-Forward Agents Miss Modules	Customize this table Mail Sessions							
Path Services	Click the <i>Lock & Edit</i> button in the Change Center	to activate all the buttons on this page.						
Data Sources Persistent Stores	New Clone Delete		Showing 0 to 0 o	of 0 Previous Next				
Foreign JNDI Providers Work Contexts	🔲 Name 🗞	Properties	JNDI Name					
XML Registries XML Entity Caches		There are n	no items to display					
Mail Sessions	New Clone Delete		Showing 0 to 0 c	of 0 Previous Next				
How do I								
Configure access to JavaMail								
Target mail sessions Delete mail sessions								
Curbon Chabua 📃								
System Status								
Failed (0)								
Critical (0)								
Overloaded (0) Warning (0)								
OK (2)								
WebLogic Server Version: 10.3.4.0 Copyright © 1996,2010, Oracle and/or its affiliates. All i Oracle is a registered trademark of Oracle Corporation	rights reserved. n and/or its affiliates. Other names may be trademarks of their	respective owners.						

11. Following screen is displayed.

Summary of Mail Sessions - fcubs11	3_domain - WLS C		💁 🔹 🔝 🕤 🖶 Ey Bage 🕶 🎯 Took					
	Administration Console							
ange Center	🙆 Home Log Out Preferences 🔤 Rec	ord Help	Welcome, weblogic Connected to: fcubs113_doma					
iew changes and restarts	Home >Summary of JDBC Data Sources >F	LEXTEST.WORLD > Summary of JMS Servers > JMS atQCF > FCUBS_SystemModule > NotifyDestQCF > fcubs113_don	nin Summany of Mail Services					
o pending changes exist. Click the Release onfiguration button to allow others to edit the	Summary of Mail Sessions		an southing of the occurrence					
omain.	Summary of Fian Sessions							
Lock & Edit Release Configuration	Mai sessions facilitate the process of using the JavaMai APIs, which provide applications and other JZEE modules with access to Internet Message Access Protocol (IMAP) - and Simple Mai Transfer Protocol (IMTP)-capable mail servers on your returnit or the Internet. This page summizes the mail seconds that have been configured in the current WebJagi Server domain.							
omain Structure								
-Messaging -JMS Servers	Customize this table							
···Store-and-Forward Agents	Mail Sessions							
····JMS Modules ····Path Services			Showing 0 to 0 of 0 Previous Next					
⊕-Bridges Data Sources	🔲 Name 🐟	Properties	JNDI Name					
····Persistent Stores								
Foreign JNDI Providers Work Contexts		There are no iten	ns to display					
-XML Registries			Showing 0 to 0 of 0 Previous Next					
····XML Entity Caches								
Mail Sessions								
ow do I 😑								
Configure access to JavaMail								
Target mail sessions								
Delete mail sessions								
stem Status 😑								
alth of Running Servers								
Failed (0)								
Critical (0)								
Overloaded (0)								
Warning (0)								
OK (2)								
On (a)								



12. Click 'New' for creating a new session.

🔆 💠	13_domain - WLS	🏠 🔹 🔝 🕤 🖶 🔹 🔂 Eage 🕶 🎯 Tools 🔹
	Administration Console	Q
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS Modules >FCUBS_SystemModule >NotifyDestQCF >FCUBS_SystemModule >NotifyDestQCF >fcubs113_domain > Summary of Mai	I Sessions
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Create a New Hall Session	
Release Configuration	Hall Session Properties The following property will be used to identify your new mail session.	
fcubs113_domain	* Indicates required fields	
B-Environment Deployments Services	What would you like to name your new mail session?	
	* Name: FCUBSMailSession	
JMS Modules Path Services ⊕-Bridges	6문 * JNDI Hame: mail/FCUBSMail	
Data SourcesPersistent StoresForeign JNDI Providers	mail.host=stbeehive.oracle.com mail.smpps.debug=stue mail.smpps.pot=smtps mail.smpps.uth=true mail.smpps.host=stbeehive.oracle.com	
Configure access to JavaMail		
Target mail sessions	Back Next Finish Cancel	
System Status		
Health of Running Servers		
Failed (0) Critical (0)		
Overloaded (0)		
Warning (0) OK (2)		
WebLogic Server Version: 10.3.4.0 Copyright © 1996,2010, Oracle and/or its affiliates. All I Oracle is a registered trademark of Oracle Corporation	rights reserved. and/or its affliates. Other names may be trademarks of their respective owners.	

13. Specify the required details to create a session. Sample details are given below:

Name

FCISMailSession

JNDI Name

mail/FCISMail



This JNDI name needs to be maintained in fcubs.properties file with encrypted format.

Java Mail Properties

mail.host=<HOST_MAIL_SERVER>

Eg: samplename.mail.com

mail.smtps.port=<SMTPS_SERVER_PORT>

Eg: 1010

mail.transport.protocol=<MAIL_TRANSFER_PROTOCOL>

Eg: smtps

mail.smtps.auth=true

mail.smtps.host==<HOST_SMTPS_MAIL_SERVER>



- Eg: samplename.mail.com
- 14. Click 'Next'.

The following screen is displayed.

🚖 🏟 🌈 Create a New Mail Session - fcubs11	3_domain - WLS		🏠 🔹 🔝 🔹 🖶 🔹 🔂 Bage 🕶 🎯 Tools 🔹 🍅
	Administration Console		Q 🏠
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	<u>a</u>	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Modules >FCUBS_SystemModule >NotifyDestQCF >FCUBS_SystemModule >No	Servers >JMS JfyDestQCF >fcubs113_domain >Summary of Mail Sessions	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Create a New Mail Session		
Lock & Edit	Back Next Finish Cancel		
Release Configuration	Mail Session Targets		
Domain Structure fcubs113 domain	This page indicates on which WebLogic Server instances or clusters the mai session.	session is accessible. Only applications that have been deploye	ed to the selected servers or clusters can use this mail
⊕-Environment Deployments ⊟-Services ⊕-Messaging	When you target all or part of a duster, the Administration Console initiate fails for all active servers.	; a two-phase deployment. In general, such a deployment ensu	res that if the deployment fails for one active server, it
····JMS Servers ···Store-and-Forward Agents	Servers		
Path Services	AdminServer		
 Bridges Data Sources 	ManagedServer1		
Persistent Stores Foreign JNDI Providers Work Contexts	Back Next Finish Cancel		
How do L.			
Configure access to JavaMail			
Target mail sessions			
System Status			
Health of Running Servers			
Failed (0)			
Critical (0) Overloaded (0)			
Warning (0)			
OK (2)			
WebLogic Server Version: 10.3.4.0 Copyright © 1996,2010, Oracle and/or its affiliates. All Oracle is a registered trademark of Oracle Corporation	rights reserved. and/or its affiliates. Other names may be trademarks of their respective owners.		

15. Check the box against the required servers and click 'Finish' to complete the configuration.

fcubs.properties' file needs to be updated with the encrypted values of

- SMTP_HOST
- SMTP_USER
- SMTP_PASSWORD
- SMTP_JNDI

This can be achieved using the Oracle FLEXCUBE Investor Servicing Installer.



16. Click 'Active Changes' button to activate the current mail session settings.

👷 🎄 🍘 Summary of Mail Sessions - Foubs11	13_domain - WL5 C	🚵 🔹 🔝 🐇 🖶 Page 🔹 🎯 T <u>o</u> oks 🔹
	Administration Console	Q
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS Modules >FCUBS_SystemModule >NotifyDestQCF >FCUBS_SystemModule >NotifyDestQCF >fcubs113_domain >Summary or	f Mail Sessions
Pending changes exist. They must be activated to take effect.	Messages	
Activate Changes	Mail session created successfully.	
Undo All Changes	Summary of Mail Sessions	
Domain Structure	Mal descions fip(lates the process of using the "brankfall APIs", which provide applications and other J2EE modules with access to Internet Message Access Protocol (MAP)- and Simple Mail Transfer Protocol (SMTP)-capable mail servers on your network or the Internet. This page summarizes the mail sessions that have been configured in the current WebCogic Server domain.	
Persistent Stores	ala sources	
Foreign JNDI Providers Work Contexts		
····XML Registries ····XML Entity Caches	Ilame 🔅 Properties	JNDI Name
;сом	FCUBSMallSession mail.smtps.auth=true mail.smtps.port=smtps mail.smtps.host=stbeehive.orade.com mail	.smtps.debug=true mail.host=stbeehive.oracle.com mail/FCUBSMail
How do I	New Clone Delete	Showing 1 to 1 of 1 Previous Next
Configure access to JavaMal		
Target mail sessions		
Delete mail sessions		
System Status		
Health of Running Servers		
Failed (0)		
Critical (0)		
Overloaded (0)		
Warning (0)		
OK (2)		
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7.4.2 Configuration of the TLS/SSL Trust Store for Weblogic Server

As described in the previous section, Oracle FLEXCUBE INSTALLER SERVICING uses SMTPS to send outgoing mails. SMTPS uses SSL to ensure transport-level security of the mail messages and hence, the certificate of the mail server needs to be imported into the trust store(s) of the Managed Servers where Oracle FLEXCUBE INSTALLER SERVICING is deployed.

The certificate of the mail server needs to be specifically imported into the trust store configured for the Managed Server(s), as configured in the Oracle FLEXCUBE INSTALLER SERVICING Installation guide titled 'SSL Configuration On Weblogic' (SSL_Configuration).

For further details on importing the certificate of the mail server into the trust store, refer to the documentation for the Sun Java keytool utility (Key and Certificate Management tool).





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