Weblogic Configuration Oracle FLEXCUBE Investor Servicing Release 14.7.3.0.0 [December] [2023]

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 <u>Setting up SSL on Oracle Weblogic</u>

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.



- 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.

<u>Example</u>

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.

Example

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.

 ${igsimus}$ 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.

🚖 🔅 🏉 Home Page - fcubs113_domain	- WLS Console		🟠 👻 🔂 - 🖶 - 🔂 Page - 🎯 Tgols - 🎽
	r [®] Administration Console		Q
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	٩	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		
Lock & Edit	- Information and Resources		
	Helpful Tools	General Information	
Release Configuration	 Configure applications 	 Common Administration Task Descriptions 	
Demain Churchurg	 Configure GridLink for RAC Data Source 	 Read the documentation 	
for he 112 densis	 Recent Task Status 	 Ask a question on My Oracle Support 	
B-Environment	 Set your console preferences 	 Oracle Guardian Overview 	
Deployments	Domain Configurations		
⊞-Services			
Toteroperability	Domain	Services	Interoperability
Diagnostics	Domain	Messaging	WTC Servers
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	Clusters	Paul Services Didease	Log Files
	Virtual Hosts	 bridges 	Diagnostic Modules
	Migratable Targets	Data Sources	Diagnostic Images
How do I	Coherence Servers	Persistent Stores	Request Performance
 Search the configuration 	Coherence Clusters	XML Registries	Archives
Lise the Change Center	Machnes	XML Entity Caches	Context
Record WI ST Scripts	Work Managers	Poreign JNDI Providers	 SNMP
Change Console preferences	 Startup And Shutdown Classes 	Work Contexts	
Monitor servers		JOM	Charts and Graphs
	Your Deployed Resources	Pial Sessions Elarg	Monitoring Dashboard
System Status	Deployments	• Field	
Health of Pupping Sequere		• 114	
reader of rearining der Verb	Your Application's Security Settings		
Failed (0)	 Security Realms 		
Critical (0)			
Overloaded (0)			
Warning (0)			
OK (2)			
WebLogic Server Version: 10.3.4.0	 All dabte meanual 		
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2. Click 'LOCK & EDIT'.

Following screen is displayed:

🚖 🔅 🌈 Summary of JDBC Data Sources - f	fcubs113_domain			🟠 🔹 🔝 👘 🖶 🖬 Bage 🕶 🎯	Tools •
ORACLE WebLogic Server®	Administration Console				Q ^
Change Center	🏠 Home Log Out Preferences 🔤 Record Help	Q		Welcome, weblogic Connected to: fcubs113_d	omain
View changes and restarts	Home >Summary of JDBC Data Sources				
No pending changes exist. Click the Release	Summary of JDBC Data Sources				
domain.	Configuration Monitoring				
Lock & Edit					
Release Configuration	A JDBC data source is an object bound to the JNE borrow a database connection from a data source	DI tree that provides database co e.	nnectivity through a pool of JDBC connection	is. Applications can look up a data source on the JNDI tree and the	n
Domain Structure	This page summarizes the JDBC data source object	cts that have been created in this	domain.		
fcubs113_domain					
Environment	Customize this table				
P-Services	Data Sources (Filtered - More Columns Exis	it)			
B-Messaging	New M Delete			Showing 1 to 2 of 2 Previous Ne	-xt
····Persistent Stores					-
Foreign JNDI Providers	🔲 Name 🗇	Туре	JNDI Name	Targets	
Work Contexts	FCUBS113	Generic	idbc/fcidevDS	ManagedServer 1	
···XML Entity Caches					- 11
	FCUBS113Branch	Generic	jdbc/fcjdevDSBranch	ManagedServer1	
FleT3	New → Delete			Showing 1 to 2 of 2 Previous Ne	ext
How do I 😑					-11
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	i				
Health of Running Servers					
Faled (0)					
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Overloaded (0)					
Warning (0)					
OK (2)					
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WebLogic Server Version: 10.3.4.0 Copyright © 1996,2010, Oracle and/or its affiliates. Al Oracle is a registered trademark of Oracle Comparis	Il rights reserved. on and/or is affikates. Other names may be trademarks of the	ir respective owners.			
to://10.184.74.143:8888/console/console.portal?	nfnbutrue% pagel abelui iserPreferencesPageGeneral			Sel oral intranet 🔅 10	1%
p-monormana.co.oc/consule/consule.porcal/				Scotal intraliet 4(10	979 -



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

	Administration Console			Q
Change Center	🙆 Home Log Out Preferences 🔤 Record H	leip 🔍		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.	Summary of JDBC Data Sources Configuration Monitoring			
Lock & Edt Release Configuration	A JDBC data source is an object bound to the borrow a database connection from a data so This page summaizes the IDBC data source o	JNDI tree that provides database ource.	connectivity through a pool of JDBC con	nections. Applications can look up a data source on the JNDI tree and then
Domain Structure fcubs113_domain B_Environment	Customize this table	opeca and nave been a cated in a		
-Services -Messaging -Data Sources	Data Sources (Filtered - More Columns E	xist)		Showing 1 to 2 of 2 Previous Next
Persistent Stores Foreign JNDI Providers	Generic Data Source	Туре	JNDI Name	Targets
	Multi Data Source	Generic	jdbc/fcjdevDS	ManagedServer 1
JCOM Mail Sessions	FCUBS113Branch	Generic	jdbc/fcjdevDSBranch	ManagedServer1
FleT3	New 🕶 Delete			Showing 1 to 2 of 2 Previous Next
How do I				,
Create JDBC generic data sources				
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System Status				
Health of Running Servers				
Faled (0)				
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Overloaded (0)				
Warning (0)				
OK (2)				
WebLogic Server Version: 10.3.4.0 Copyright © 1995-2010, Oracle and/or its affiliates, All	riahts reserved.			
Oracle is a registered trademark of Oracle Corporation	and/or its affiliates. Other names may be trademarks of	their respective owners.		
				💟 Local intranet 🗮 100%

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		🚹 🔹 🔝 👘 🖶 Page 🕶 🎯 Tgols 🔹 🎽
	Administration Console		Q 🔷
Change Center View changes and restarts	Home Log Out Preferences	Record Help	Welcome, weblogic Connected to: fcubs113_domain
No pending changes exist. Click the Release Configuration button to allow others to eait the coman. Look 8 Eait Release Configuration Domain Structure	Create a New JDBC Data Source Block Next Frinkt Cancel JDBC Data Source Properties The following properties will be use * Indicates required fields] d to identify your new 2085 data source.	
fcube113_domain B:Environment Deployments D:Services H:Messaging D:Data Sources	What would you like to name your n	ew JDBC data source? FLEXTEST.WORLD	
Persistent StoresForeign JNDI ProvidersWork ContextsWML RegistriesWML Encloses	What JNDI name would you lke to a	sign to your new JOBC Data Source?	
How do I	What database type would you like	to select?	
Create LLR-enabled JDBC data sources	Database Type:	Oracle	
System Status Health of Running Servers	Back Next Finish Cancel		
Failed (0) Critical (0) Overloaded (0) Warning (0) CK (2)			
WebLogic Server Version: 10.3.4.0 Copyright © 1995,2010, Oracle and/or its affiliates. All I Oracle is a registered trademark of Oracle Corporation	rights reserved. 1 and/or its affiliates. Other names may be tr	ademarks of their respective owners.	

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 🗙		🟠 👻 📾 👻 📴 Zage 🗸 🎯 Tgols 🗸 🎽
	Administration Console		Q 🖉
Change Center View changes and restarts	Home Log Out Preferences Record Help Home >Summary of Deployments >Summary of Servers >Manage	edServer1 >Summary of JDBC Data Sources	Welcome, weblogic Connected to: fcubs113_domain
No pending changes exist. Click the Release Configuration buttion to allow others to edit the domain. Lock & Edit Release Configuration	Create a New JDBC Data Source Back Next Friend Cancel JDBC Data Source Properties The following properties will be used to identify your new 328	3C data source.	
Domain Structure fcubs113_domain	Database Type: Oracle		
Perivorments Oppioyments Oppioyments Optioners Opt	What database drive would you like to use to create database Database Driver: VOracle's Driver (Thin XA) for Back Next From Cancel	e connections? Note: "indicates that the driver is a Instance connections: Versions: 9.0.1 and	later
System Status B Health of Running Servers Falled (0) Onerloaded (0) Overloaded (0) Warning (0) Overloaded (0) Overloaded (0) Overloaded (0)			
Copyright © 1996,2010, Oracle and/or its affiliates. All Oracle is a registered trademark of Oracle Corporation	rights reserved. 1 and/or its affiliates. Other names may be trademarks of their respective		

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

😭 🏟 🔡 👻 🏉 Oracle WebLogic Server Adr	n 🌈 Create a New JDBC Data 🗙		🏠 🔹 🗟 🔹 🖶 Page 🔹 🎯 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 Deployments >Summary of JDBC	Data Sources	
No pending changes exist. Click the Release Configuration button to allow others to exit the containt. Lock & Edit Release Configuration Domain Structure fouts113_domain ⊕ Environments ⊕ Dealoyments ⊕ Dealoym	Create a New JOBC Data Source Back Next Finith Cancel Transaction Options You have actived an NA JBC driver to use to create transaction protocol. No other transaction configurant Back Next Finith Cancel	e database connection in your new data source. ion options are available.	The data source will support global transactions and use the Truo Phase Commit global
How do L			
Create JDBC generic data sources Create LLR-enabled JDBC data sources			
System Status			
Health of Running Servers			
Failed (0)			
Critical (0)			
Warning (0)			
OK (2)			
WebLogic Server Venion: 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 re	espective owners.	



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

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	Administration Console		Q
Change Center	🏠 Home Log Out Preferences 🔤 Record He	lp 🔍	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 New JDBC Data Source Back Next Frish Cancel Connection Properties Define Connection Properties. Define Connection Properties.		
Domain Structure	What is the name of the database you would like	to connect to?	
fcubs113_domain	Database Name:	KERDEV2	
E-Services E-Messaging	What is the name or IP address of the database a	server?	
Data Sources Persistent Stores	Host Name:	10.10.10	
Work Contexts	What is the port on the database server used to	connect to the database?	
-XML Registries XML Entity Caches 	Port:	1010	
File T3	What database account user name do you want t	to 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	o create database connections?	
System Status	Password:	•••••	
Health of Running Servers	Confirm Password:	•••••	
Failed (0) Critical (0) Overloaded (0) Wateries (0)	Back Next Finish Cancel		
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	ights reserved. and/or its affiliates. Other names may be trademarks of th	heir 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 - DefaultDoma	in		🟠 🔻 🖾 👻 🖃 🖶 👻 Page 👻 Safety 👻 Tools 👻 🛞 👻 🔅		
	ministration Console		Q 🔺		
Change Center	💼 Home Log Out Preferences 🔤 Record Help	٩	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	Create a New JDBC Data Source				
modify, add or delete items in this domain.	Test Configuration Back Next Finish C	lancei			
Domain Structure	Test Database Connection				
DefaultDomain	Test the database availability and the connection pr	operties you provided.			
Deployments Services	What is the full package name of JDBC driver class us	ed to create database connections in the connection pool?			
H-Messaging	(Note that this driver class must be in the classpath o	f any server to which it is deployed.)			
-Data Sources	Driver Class Name				
Data Source Factories	Driver class hanne.	oracle.jdbc.UracleDriver			
Persistent Stores Foreign JNDI Providers	What is the URL of the database to connect to? The f	format of the URL varies by JDBC driver.	E		
Coherence Clusters	URL:	jdbc:oracle:thin:@10.10.10			
Wark Lontexts					
How do I	How do I IVhat database account user name do you want to 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 cre	eate database connections?			
System Status	(Note: for secure password management, enter the p	password in the Password field instead of the Properties field below)			
Health of Running Servers					
Failed (0)	Password:	•••••			
Critical (0)	Confirm Password:	•••••			
Warning (0)					
OK (1)	What are the properties to pass to the JDBC driver w	hen creating database connections?			
	Properties:				
	user=FCFB1121				
	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	cubs113_domain		🐴 🔹 🔝 🐇 🖶 🖓 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			
Na analiza di anaza suist. Ciali the Balance	Messages			
Configuration button to allow others to edit the domain.	 Connection test succeeded. 			
Lock & Edit	Create a New JDBC Data Source			
Release Configuration	Test Configuration Back Next Finish C	Cancel		
Domain Structure	Test Database Connection			
fcubs113_domain	Test the database availability and the connection p	properties you provided.		
Environment Deployments	What is the full package name of JDBC driver class u	used to create database connections in the connection pool?		
Services	(Note that this driver class must be in the classpath	of any server to which it is deployed.)	E	
⊞-Messaging				
Data Sources	Driver Class Name			
Persistent Stores	Driver class name.	oracle.jdbc.OracleDriver		
Work Contexts				
-XML Registries	What is the URL of the database to connect to? The	e format of the URL varies by JDBC driver.		
XML Entity Caches	1001			
јСОМ	URL:	jdbc:oraclethin:@10.10.10.		
Mail Sessions				
E Frie T3	What database account user name do you want to u	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 cr	reate database connections?		
Sustan Status E	(Note: for secure password management, enter the	password in the Password field instead of the Properties field below	»)	
System status				
Health of Running Servers	Password:			
Failed (0)				
Critical (0)	Confirm Passworth			
	Commin Passworu:	•••••		
Uveroaded (U)				
Warning (0)	What are the properties to pass to the JDBC driver	when creating database connections?		
OK (2)	Durantian			
	roperces:			
	user=FCFB1121			
			N N N N N N N N N N N N N N N N N N N	
Done			Secol Intranet 🔍 100% 👻	



17. Click 'Next'.

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1110		0010011		alopia you.	

😭 🕸 🌈 Create a New JDBC Data Source - fr	ubs113_domain	🟠 🔹 🗟 🕤 🖶 Page 🕶 🎯 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 dranges exist. Click the Release Configuration button to allow others to edit the domain. Lock & Edit Release Configuration	Create a New JOBC Data Source Back Final Cancel Select Targets You can select one or more targets to deploy your new JOBC data source. If you don't select a target, the alternative select and target. You can select one or more targets to deploy your new JOBC data source. If you don't select a target, the alternative select and target.	re data source will be created but not deployed. You will need to deploy the data source at
fcubs113 domain	Servers	
B-Environment →Deployments B-Services B-Viessading	✓ AdminServer	
Data Surces Persistent Stores Poregn JND Providers Work Contexts Work Contexts 	Back Treft Finah 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 Oracle is a registered trademark of Oracle Corporation	rights reserved. and/or its affluides. Other names may be trademarks of their nespective owners.	

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

🚖 🎄 🏉 Summary of JDBC Data Sources - fout	bs113	_domain				🏠 • 🔝 • 🖶 • 🔂 Page • 🎯 Tgols • 🎽
	dmin	istration Console				Q
Change Center		Home Log Out Preferences	Record Help	٩	We	come, weblogic Connected to: fcubs113_domain
View changes and restarts	Ho	ome >Summary of JDBC Dat	a Sources			
Pending changes exist. They must be activated to take effect.	Sun	nmary of JDBC Data Sour	ces			
Activate Changes	Co	onfiguration Monitoring				
Undo All Changes	Ab	A JDBC data source is an obje forrow a database connection	ct bound to the JNDI tree th n from a data source.	at provides database conr	ectivity through a pool of JDBC connections. Applications ca	n look up a data source on the JNDI tree and then
Domain Structure	т	his page summarizes the JDB	C data source objects that h	ave been created in this d	omain.	
Benvironment Services Benvironment	₽ c	Eustomize this table	ore Columns Exist)			
		New 🛩 Delete	,			Showing 1 to 3 of 3 Previous Next
Foreign JNDI Providers Work Contexts		🔲 Name 🐟		Туре	JNDI Name	Targets
"XML Entity Caches		FCUBS113		Generic	jdbc/fcjdevDS	ManagedServer1
		FCUBS113Branch		Generic	jdbc/fcjdevDSBranch	ManagedServer1
How do I		FLEXTEST.WORLD		Generic	FLEXTEST.WORLD	AdminServer
Create JDBC generic data sources		New - Delete				Showing 1 to 3 of 3 Previous Next
Create JDBC GridLink data sources						
Create JDBC multi data sources Delete IDBC data sources	_					
Delete JDBC multi data sources						
System Status						
Failed (0)						
Critical (0)						
Overloaded (0)						
Warning (0)						
OK (2)						
WebLogic Server Version: 10.3.4.0						
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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

1. 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:10.10.10.101/console Eg: http://10.10.10.101/console

🗋 Oracle WebLogic Server Administrati	•
ORACLE' WebLogic Server Administration Console 12c	
12 ^c	Wekome Log in to work with the WebLogic Server doman Username: Password: Login
WebLopic Servar Version: 12.1.3.0.0 Copyright (c) 1996.3014. Oncels and/or its affiliates. All rights reserved. Origots 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		<u>(</u>
ange Center 🙆 Home Log Out Preferences 🖾 Record Help	Q	Welcome, weblogic Connected to: fcubs113_dom
ew changes and restarts Home		
k the Lock & Edit button to modify, add or Home Page		
ete items in this domain.		
Lock & Edit	Canada Tafa washing	
Release Configuration	General Information	
Configure applications Configure Critic lak for DAC Data Source	Common warministration Dead the decrementation	
main Structure Perent Task Status	Ack a question on My Oracle Support	
ss113_domain Set your console preferences	Oracle Guardian Overview	
Environment		
Services Domain Configurations		
Security Realms Domain	Services	Interoperability
Interoperability • Domain	Messaging	WTC Servers
Diagnosics	 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
w do I Coherence Servers	 Persistent Stores 	 Request Performance
Coherence Clusters	 XML Registries 	Archives
Machines	XML Entity Caches	Context
Work Managers	Foreign JND1 Providers	 SNMP
Startup And Shutdown Classes	Work Contexts	
Monitor servers	JCOM	Charts and Graphs
Your Deployed Resources	Mail bessions Elatra	 Monitoring Dashboard ^{IM}
Deployments	• TTA	
alth of Running Servers Your Application's Security Settings		
Failed (0) • Security Realms		
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ski asis Pasua Junian 10.3.4.0		

The following screen is displayed:

😭 🎄 🌈 Summary of JDBC Data Sources - fout	ubs113_domain			🛅 • 🔝 - 🖶 • Er 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 S	ources			
No pending changes exist. Click the Release	Summary of JDBC Data Sources	s			
domain.	Configuration Monitoring				
Lock & Edit					
Release Configuration	A JDBC data source is an object b borrow a database connection fro	bound to the JNDI tree that provide om a data source.	s database connectivity through a pool of J	JDBC connections. Applications can look up a data source on the JNDI tree and th	hen
Domain Structure	This page summarizes the JDBC d	lata source objects that have been	created in this domain.		
fcubs113_domain					
Deployments	Customize this table				
B-Services	Data Sources (Filtered - More	e Columns Exist)			
Data Sources	New 🛩 Delete			Showing 1 to 2 of 2 Previous N	Next
Persistent Stores	II IIama 🏟	Turne	JUDI Name	Taxaatr	
Work Contexts		Type	JIDI Name	Targets	_
ML Registries	FCUBS113	Generic	jdbc/fcjdevDS	ManagedServer 1	
JCOM	FCUBS113Branch	Generic	jdbc/fcjdevDSBranch	ManagedServer 1	
-File T3	New - Delete			Showing 1 to 2 of 2 Previous N	Next
How do I					
Create JDBC generic data sources					
Create JDBC GridLink data sources					
Create JDBC multi data sources Delate IDBC data courses					
Delete JDBC data sources					
System Status					
Health of Running Servers					
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 ri Oracle is a registered trademark of Oracle Corporation a	ights reserved. and/or its affiliates. Other names may be				~



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

Change Center View changes and restarts No perforg damages and restarts None Log Out Preferences Record Heb Resease Configuration Lock & Edit Resease Configuration ADBC Data Sources Summary of JDBC Data Sources Configuration ADBC data source is an object bound to the JUCI tree that provides database connectivity through a pool of JDBC contection This page summarizes the JDBC data source objects that have been created in this doman. Costoner Configuration Costoner Costoner Configuration Costoner Configuration Costoner	Welcome, weblogic Connected to: fcubs.113_don
hange center Image center Here changes and restarts Image center b perioding changes exist. Click the Release forget changes exist. Click the Release for forget changes exist. Click the Release exist. Click the Release exist. Click the Release exist. Click the	Welcome, weblogic Connected to: foubs113_don
icer changes and restarts Home >Sammary of JDBC Data Sources opending dranges exit. Click the Release ontrolling valetor, bit the bit of bit the start of the JDBC Data Sources Summary of JDBC Data Sources Configuration. White the start of the JDBC Data Sources Configuration. White the start of the JDBC Data Sources Configuration. White the start of the JDBC Data Sources Configuration. White the JDBC Data Sources Configuration. White the start of the JDBC Data Sources. Configuration. White the JDBC Data Sources. Data Sources on a click start source. This page summarizes the JDBC data source objects that have been created in this doman. Descriptions Customize this table Data Sources (Filtered - Hore Columns Exist). The recomprise Data Sources (Filtered - Hore Columns Exist). Data Sources (Filtered - Hore Columns Exist).	s. Applications can look up a data source on the JNDI tree and then
Summary of JDBC Data Sources Configuration Configurat	s. Applications can look up a data source on the 3/02 tree and then
Configuration C	s. Applications can look up a data source on the XIDI tree and then
Lock & East Release Configuration A XDBC data source is an object bound to the XDD tree that provides database connectivity through a pool of XDBC connection borrow a database connection from a data source. This page summarizes the XDBC data source objects that have been created in this domain. Control to take the source objects that have been created in this domain. Customize this table Data Sources (Filtered - More Columns Exist) The maximum Columns Exist) The maximum Columns Exist	rs. Applications can look up a data source on the JNDI tree and then
Resase Configuration A JDBC data source is an object found to the JDDI tree that provides database connectivity through a gool of JDBC connections borrow a database connection from a data source. Imain Structure This page summarizes the JDBC data source objects that have been created in this doman. Brit Johannent Customize this table Deploymento Brit Structure Brit Houseogng Data Sources (Filtered - Hore Columns Exist)	s. Applications can look up a data source on the 3/IOI tree and then
main Structure This page summarizes the JOBC data source objects that have been created in this domain. bs113_domain Image: Summarizes the JOBC data source objects that have been created in this domain. Customize this table Image: Summarizes this table Details ources (Filtered - More Columns Exist) Image: Summarizes this table	
bi 113 downin Environment Deboloments Services Bi Messaging	
Environment Customize this table Deployments Services Pressagro Uservices Data Sources (Filtered - Hore Columns Exist) Uservice	
Services Data Sources (Filtered - More Columns Exist)	
B-Messaging	
the last a hour car	Showing 1 to 2 of 2 Previous Next
Persite Stores	
"Foreign INDI Providers Type JINDI Name	Targets
"Work Contexts Group Joka Source Garactic His-ArdauDS	Managad Server 1
"XMLE bitly Caches	Manageuser ver 1
	ManagedServer 1
"Mell Sessons	Showing 1 to 2 of 2 Previous Next
w do I	
Create 3DBC generic data sources	
Create JDBC GridUnk data sources	
Create JDBC multi data sources	
Delete JDBC data sources	
Delete JDBC multi data sources	
ystem Status	
ealth of Running Servers	
Faled (0)	
Critical (0)	
Overloaded (0)	
Warning (0)	

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

ORACLE WebLogic Server	Administration Console			
Change Center	Home Log Out Preferences	Record Help	Q	Welcome, weblogic Connected to: fcubs113_domai
View changes and restarts	Home > Summary of JDBC Data 5	ources >FCUBS113 >Summary of	Deployments > FCUES113Dev > Summary of Deploy	ments >Summary of JDBC Data Sources >FCUBS113 >Summary of JDBC Data Sources
Pending changes exist. They must be activated to take effect.	Create a New JDBC Data Sou	rce		
Activate Changes	Back Next From Car	npei		
Undo All Changes	JDBC Data Source Propert	ies		
	The following properties will be	used to identify your new JDBC	data source.	
omain Structure	* Indicates required fields			
ubs113_domain				
Environment	What would you like to name vo	ur new 308C data source?		
Proposition and a second secon				
Messagns	() * Name:	FCUBSDS		
-Data Sources		had a state of the		
Persistent Stores	What 3001 name would you like	to assign to your new TDBC Date	Source?	
-Foreign JNDI Providers	manufacture need for the	10 000 yr 10 / 00 / 10 / 2000 00 1		
-Work Contexts	AS JNDI Name:			
-XML Registries	idbc/fcidevDS		[3]	
XML Entity Caches	1			
- COM				
-File T1				
tour de T	a		1	
ow oo to				
create Judic generic data sources	What database type would you	like to select?		
Create LLR-enabled JDBC data sources	121013	11		
	Database Type:	Oracle	~	
ystem Status		La constante de		
ealth of Running Servers	Back Next Finish Car	ncel		
Faled (0)				
Critical (0)				
Chick (c)				
Uvendaded (0)				
Warning (0)				
OK (2)				
	1			



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	ubs113_domain	🟠 🔹 🗟 🛸 🖶 Eage 🗸 🎯 Tools 👻
	مستعمل المستعمل المست المستعمل المستعمل الم	Q 🛆
Change Center View changes and restarts	Home Log Out Preferences Record Help	Welcome, weblogic Connected to: fcubs113_domain
No pending changes exist. Click the Release Configuration button to allow others to edit the doman. Lock & Edit Release Configuration	Create a New JDBC Data Source Back Itext Finite Cancel JDBC Data Source Properties The following properties will be used to identify your new JDBC data source.	
Domain Structure fcubs113_domain E-Environment	Database Type: Oracle What database driver would you like to use to create database connections? Note: * indicates the second sec	hat the driver is explicitly supported by Oracle WebLogic Server.
Henvises Hessaging Hessaging Hessaging Hessaging Hessaging Hessaging Hessaging How AD Faviders Create 208C generic data sources Create LUR-enabled 208C data sources	Database Driver: POracle's Driver (Thin) for Instance connections, Versions Back Mext. Fination Cancel. Cancel.	9.0.1 and later
System Status Image: Control of the system st		
WebLogic Server Version: 10.3,4,0 Copyright © 1996,2010, Oracle and/or its affiliates. All Oracle is a registered trademark of Oracle Corporation	righs reserved. and/or its affliates. 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 - fi	cubs113_domain	🏠 👻 🔜 🐇 📑 Page 🕶 🎯 Tools 🔹 🎽				
	Administration Console	Q 🙆				
Change Center	Home Log Out Preferences Record Help	Welcome, weblogic Connected to: fcubs113_domain				
No pending change exist. Cick the Release Configuration button to allow others to edit the doman. Lock & Edit Release Configuration	Create a New JDBC Data Source Back, Next. Final Cancel Transaction Options You have selected non-XA JDBC driver to create database connection in your new data source.					
Domain Structure fcubs113_domain B=Environment	Does this data source support global transactions? If yes, please choose the transaction protocol for this dat	a source.				
Services Ordersaging Ordersaging	Select this option if you want to enable non-XA JDBC connections from the data source to pertripate in globe Recommended in place of Emuste Timo-Phase Commt.	i transactions using the Logping Last Resource (\mbox{LR}) transaction optimization.				
Work Contexts XML Registries XML Entity Caches 	Select this option if you want to enable non-XA JDBC connections from the data source to emulate participate heuristic conditions. Emulate Two-Phase Commit	on in global transactions using JTA. Select this option only if your application can tolerate				
How do I	Select this option if you want to enable non-XA JDBC connections from the data source to participate in globa other resources can participate in the global transaction.	al transactions using the one-phase commit transaction processing. With this option, no				
Create JDBC generic data sources Create LLR-enabled JDBC data sources	One-Phase Commit					
System Status	Back Next Frish Cancel					
Health of Running Servers						
Failed (0) Critical (0) Overloaded (0) Warring (0) Ox (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 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 - fi	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 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	o connect to?		
foubs113_domain	Database Name:	KERDEV2		
Services Messaging Data Sources Persistent Stores	What is the name or IP address of the database se	10.10.10		
Work Contexts	What is the port on the database server used to c	onnect to the database?		
XML Entity Caches jCOM	Port	1010		
Mail Sessions	What database account user name do you want to	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:	•••••		
Faled (0) Back Maxt Frame Concols (0) Back Training 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	l rights reserved. n and/or its affiliates. Other names may be trademarks of the	ir 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 - fcu	.bs113_domain		🛐 🔹 🔝 🕤 🖶 🐑 Boge 🗸 🎯 Tgols 🗸 🎽		
	dministration Console		<u> </u>		
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 Car	ncel			
Lock & Edit	Test Database Connection				
Release Configuration	Test the database availability and the connection prop	perties you provided.			
Domain Structure	What is the full package name of JDBC driver class user	d to create database connections in the connection pool?			
fcubs113_domain	(Note that this driver class must be in the classpath of a	any server to which it is deployed.)			
-Services -Messaging -Data Sources	Driver Class Name:	oracle.jdbc.OracleDriver			
Persistent Stores Foreign JNDI Providers	What is the URL of the database to connect to? The fo	rmat of the URL varies by JDBC driver.			
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?				
File T3	Database User Name:	FCPB1121			
How do I	What is the database account password to use to crea	te database connections?			
Create JDBC generic data sources Create LLR-enabled JDBC data sources	(Note: for secure password management, enter the pa	assword in the Password field instead of the Properties field b	below)		
System Status	Password:	•••••			
Health of Running Servers Failed (0)	Confirm Password:	•••••			
Critical (0)	What are the properties to pass to the JDBC driver who	en creating database connections?			
Overloaded (0)	Properties:				
OK (2)	user=FCPB1121				
	The set of driver properties whose values are derived a	at runtime from the named system property.			
Done	Eustem Dessertios:		😌 Local 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.

🚖 🎄 🌈 Create a New JDBC Data Source - fcu	ubs113_domain		🏠 👻 🔜 🕤 🖶 🖬 Page 🕶 🎯 Tools 🔹 🎽
	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 Ca	ancel	
Domain Structure	Test Database Connection		
fcubs113_domain	Test the database availability and the connection pro-	operties you provided.	
B-Environment Deployments E-Services	What is the full package name of JDBC driver class us (Note that this driver class must be in the classpath of	ed to create database connections in the connection pool? f any server to which it is deployed.)	
Hersaging Hota Sources Hersistent Stores Hersing JDD Providers	Driver Class Name:	oracle.jdbc.OracleDriver	
····Work Contexts ····XML Registries	What is the URL of the database to connect to? The f	format of the URL varies by JDBC driver.	
XML Entity Caches 	URL:	jdbc:oracle:oci:@10.10.10.	
Fie T3	What database account user name do you want to us	se to create database connections?	
How do L	Database User Name:	FCPB1121	
Create JJBC generic data sources Create LLR-enabled JDBC data sources	What is the database account password to use to cre	rate database connections?	
System Status	(Note: for secure password management, enter the p	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)	What are the properties to pass to the JDBC driver w	hen creating database connections?	
	Properties:		
	user=FCFB1121		
Dane			Secol intranet

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

😭 🎄 🌈 Greate a New JDBC Data Source - for	ubs113_domein	🏠 👻 🗟 🕤 🖶 🏹 Bage + 🎯 Tools +
	Idministration Console	Q 4
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	Create a New JDBC Data Source Back Finah Cancel Select Targets Finah Cancel	
	You can select one or more targets to deploy your new JDBC data source. If you don't select a targ a later time.	et, the data source will be created but not deployed. You will need to deploy the data source at
Domain Structure		
B-Environment	Servers Image: AdminServer	
Har Messaging Data Sources Persistent Stores Foreign JNDI Providers	HanagedServer1	
Work Contexts WML Registries WML Entity Caches GOM	Back Next Finsh Cancel	
How do I		
Create JDBC generic data sources		
Create LLR-enabled JDBC data sources		
System Status		
Health of Running Servers		
Failed (0)		
Critical (0)		
Uverloaded (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	ights reserved. and/or its affiliates. Other names may be trademarks of their respective owners.	



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

🖌 🏘 🏀 Summary of JDBC Data Sources - fo	ubs113	3_doma	ain			🚹 • 🔝 • 🖶 • 🕞 Eage • 🎯 T <u>o</u> ol				
ORACLE WebLogic Server®	Admi	nistra	tion Console			Ģ				
Change Center	🏦 Home Log Out Preferences 🖾 Record Help									
View changes and restarts	н	Home > Summary of JDBC Data Sources								
Pending changes exist. They must be activated to take effect.	Summary of JDBC Data Sources									
Activate Changes	Configuration Monitoring									
Undo All Changes	A JOBC data source is an object bound to the JNDI tree that provides database connectivity through a pool of JDBC connections. Applications can look up a data source on the JNDI tree and then borrow a database connection from a data source.									
Oomain Structure		This pa	oe summarizes the JDBC data source objects that ha	ve been created in this de	omain.					
cubs113_domain			,							
- Deployments		Custo	mize this table							
E-Services		custo								
⊞-Messaging		Data S	ources (Filtered - More Columns Exist)							
		New	Delete			Showing 1 to 3 of 3 Previous Next				
Foreign JNDI Providers	1		P ()	T	1007 H	Townshi				
Work Contexts			Name 🗠	туре	JNDI Name	Targets				
XML Entity Caches			FCUBS113	Generic	jdbc/fcjdevDS	ManagedServer1				
		_	ECURC 1128-mask	Canadia	(der Krider Of Bernele	Managard Carrier 1				
-Fle T3		-	PC0051130ranch	Generic	Juuc/icjuevusbranu i	Manageuserver 1				
How do I			FLEXTEST.WORLD	Generic	FLEXTEST.WORLD	AdminServer				
Create JDBC generic data sources		New	Delete			Showing 1 to 3 of 3 Previous Next				
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)										
Health of Running Servers Failed (0) Critical (0)										
Health of Running Servers Failed (0) Critical (0) Overloaded (0)										
Health of Running Servers Failed (0) Critical (0) Overloaded (0) Warening (0)										
Fealth of Running Servers Failed (0) Critical (0) Overloaded (0) Warning (0) Overloaded										

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.

🚖 🏟 🏀 Summary of JDBC Data Sources - fo	ubs113_dor	main			🏠 🔹 🔝 🕤 🖶 🔹 🔂 Bage 🔹 🎯 Tools	
	Administr	ration Console			Q	
Change Center View changes and restarts	Home Log Out: Preferences Record Help Welcome, weblogic Connected to: fcubs113_domail Home-Summary of JDBC Data Sources Hessages					
delete items in this domain.	✓ All Summa	II changes have been activated. No restarts a ary of JDBC Data Sources	ire necessary.			
Domain Structure Tobel 113 domain B+E-rivionment D-Deployments B-Services B+Hessaging Pata Sources Persistent Stores	Configuration Montaining A 205C data source is an object bound to the 2001 tree that provides database connectivity through a pool of 205C connectors. Applications can look up a data source on the 2001 tree and then borrow a database connection from a data source. This page summarizes the 205C data source objects that have been created in this domain. C Customize this table					
	Data Sources (rittered - Hore Columns Exist) Click the Lock & Editbution in the Change Center to activate all the buttons on this page. Term Prefere Showing 1 to 3 of 3 Previous [Next					
How do L		FCUBS113	Generic	jdbc/fcjdevDS	ManagedServer1	
Create JDBC generic data sources		FCUBS113Branch	Generic	jdbc/fcjdevDSBranch	ManagedServer1	
Create JDBC will data sources Create JDBC multi data sources		FLEXTEST.WORLD	Generic	FLEXTEST.WORLD	AdminServer	
Delete JDBC multi data sources		Delete			Showing 1 to 3 of 3 Previous Next	
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	rights reserv	ved. affilatos: Other names may be trademarks of the	ir respective numers			

22. 'FCISDS' datasource is created.



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

enter	Home Log Out Preferences	Record Help	Welcome, weblogic Connected to: DefaultDo
conter	Home >Summary of Services: JDBC	Summary of JDBC Data Sources >fcidevDS >Summary	of Services: JDBC >Summary of JDBC Data Sources >fcidevDS >Summary of JDBC Data Sources >fcidevDS
nges and restarts		,	· · · · · · · · · · · · · · · · · · ·
tion editing is enabled. Future	Settings for fcjdevDS		
d or delete items in this domain.	Configuration Targets Mor	nitoring Control Security Notes	
itructure	General Connection Pool	Transaction Diagnostics Identity Options	
nain			
ment	Save		
ments			
is .	The connection pool within a JDB	C data source contains a group of JDBC connections th	hat applications reserve, use, and then return to the pool. The connection pool and the connections
ssaging	within it are created when the co	nnection pool is registered, usually when starting up W	VebLogic Server or when deploying the data source to a new target.
sistent Stores	Use this page to define the confi	guration for this data source's connection pool.	
eign JNDI Providers			
herence Clusters	Æ 101-	When we have a second s	The LIRL of the database to connect to. The format of the LIRL varies by
Registries	er one.	Jobc:oracle:ocl:@10.10.10.10.1010:CP011	JDBC driver. More Info
L Entity Caches	_		
MC	👘 Driver Class Name:	oracle.jdbc.OracleDriver	The full package name of JDBC driver class used to create the physical database connections in the connection pool. (Note that this driver class
I Sessions			must be in the classpath of any server to which it is deployed.) More
			Into
IDBC data sources	Properties:		The list of properties passed to the JDBC driver that are used to create
re tecting options for a 1DBC data	user=FC1202tune		physical database connections. For example: server=dbserver1. List ead
re testing options for a sobie data			property=value pair on a separate line. More into
re the statement cache for a JDBC			
ion pool			
re credential mapping for a JDBC data			
re credential mapping for a JDBC data			
re credential mapping for a JDBC data	6 Password:		The password attribute passed to the JOBC driver when creating physical
re credential mapping for a JDBC data	(문) Password:	•••••	The password attribute passed to the JDBC driver when creating physical database connections. More Info
re credential mapping for a JDBC data tatus Running Servers	6 Password:	••••••	The password attribute passed to the JBEC driver when creating physical database connections. More Info
ere credential mapping for a JDBC data status Running Servers Failed (0)	E Password:	·····	The password attribute passed to the 308C driver when creating physical database connections. More Info
ter credential mapping for a JDBC data status tatus for solution for a JDBC data control tatus for solution for the solution	Password: Confirm Password: Initial Canacity:		The password attribute passed to the JOBC driver when creating physical database connections. More Info
ion pool re credential mapping for a JDBC data itatus tatus railed (0) Critical (0) Overloaded (0)	Imitial Capacity:	· · · · · · · · · · · · · · · · · · ·	The password attribute named to the JDBC driver when creating physical database connections. More Info The number of physical connections to create when creating the connect pool. More Info
tatus Everation of a JDBC data tatus Everation of the second of the seco	Password: Confirm Password: Initial Capacity:		The password attribute passed to the 308C driver when creating physical database connections. More info
ion pool append for a JDBC data status Image: Image data Kanning Servers Image: Image data Failed (0) Critical (0) Overloaded (0) Warning (0) Ok (1) Ok	E Password: Confirm Password: Initial Capacity: Maximum Capacity:	1 15	The password attribute passed to the JOBC driver when creating physical database connections. More Info The number of physical connections to create when creating the connection pool. More Info The maximum number of physical connections that this connection pool content. More Info
ion pool rec or credential mapping for a JDBC data itatus Faled (0) Critical (0) Overloaded (0) Warning (0) O (1)	Imitial Capacity:	1 15	The password attribute passed to the JDBC driver when creating physical database connections. More Info The number of physical connections to create when creating the connection pool. More Info The maximum number of physical connections that this connection pool co
ere credential mapping for a JDBC data tatus tatus Faled (0) Critical (0) Overloaded (0) Warning (0) OK (1)	Password: Confirm Password: Initial Capacity: Maximum Capacity: Capacity Increment:	· · · · · · · · · · · · · · · · · · ·	The password attribute passed to the 208C driver when creating physical database connections. More Info The number of physical connections to create when creating the connect pool. More Info The maximum number of physical connections that this connection pool calcontain. More Info The number of connections created when new connections are added to
ere credential mapping for a JDBC data status tatus Failed (0) Critical (0) Overloaded (0) Warning (0) Overloaded (0) Warning (0) Ok (1)	Confirm Password: Confirm Password: Initial Capacity: Maximum Capacity: Capacity Increment:	I I 15 I	The password attribute passed to the 206C driver when creating physical database connections. More Info The number of physical connections to create when creating the connect pool. More Info The maximum number of physical connections that this connection pool ca contain. More Info The number of connections created when new connections are added to connection pool. More Info
ion pool rec or cerdential mapping for a JDBC data itatus Raming Servers	Imitial Capacity: Maximum Capacity: Capacity Increment:		The password attribute passed to the JDBC driver when creating physical database connections. More Info The number of physical connections to create when creating the connection pool. More Info The maximum number of physical connections that this connection pool connections created when new connections pool attribute. More Info The number of connections created when new connections are added to i connection pool. More Info
ere credential mapping for a JDBC data tatus Running Servers Faled (0) Critical (0) Overloaded (0) Warning (0) OK (1)	Imitial Capacity: Maximum Capacity: Capacity Increment: Imitial Statement Cache Type:		The password attribute passed to the 208C driver when creating physical database connections. More Info The number of physical connections to create when creating the connection pool. More Info The maximum number of physical connections that this connection pool cancenta. More Info The number of connections created when new connections are added to i connection pool. More Info The adjoint wide for maintaining the prepared statements stored in the statement cache. More Info
ere credential mapping for a JDBC data status tatus Faled (0) Critical (0) Overloaded (0) Warning (0) Ok (1)	Imitial Capacity: Maximum Capacity: Capacity Increment: Imitial Statement Cache Type:	Image: Control of the second	The password attitude passed to the JBEC driver when creating physical database connections. More Info The number of physical connections to create when creating the connect pool. More Info The maximum number of physical connections that this connection pool ca contain. More Info The number of connectors created when new connections are added to in context. The algorithm used for maintaining the prepared statements stored in the statement active. More Info
ion pool rec or cerdential mapping for a JDBC data itatus Raming Servers Falied (0) Cortical (0) Overloaded (0) Warning (0) OK (1)	Image: Password: Confirm Password: Initial Capacity: Maximum Capacity: Capacity Increment: Image: Statement Cache Type: Statement Cache Size:		The password attribute passed to the JDBC driver when creating physical database connections. More Info The number of physical connections to create when creating the connection pool. More Info The maximum number of physical connections that this connection pool ca contain. More Info The number of connections created when new connections are added to to connection pool. More Info The statement cache. More Info The number of prepared and calable statements stored in the cache. (The maximum caches are part of maximum). More Info
ere credential mapping for a JDBC data tatus tatus Falled (0) Critical (0) Overloaded (0) Warning (0) Ok (1)	Password: Confirm Password: Initial Capacity: Haximum Capacity: Capacity Increment: Statement Cache Type: Statement Cache Size:	I I 12 I 12 I 1200 I	The passiveral attribute passed to the JBC driver when creating physical database connections. More Info The number of physical connections to create when creating the connect pool. More Info The maximum number of physical connections that this connection pool contains. More Info The maximum for connections created when new connections are added to I connection pool. More Info The approximation was for maintaining the propared statements stored in the statement schee. More Info The makes of propared and calable statements stored in the cache. (The may increase server performance.) More Info
ex credential mapping for a JDBC data	Image: Password: Confirm Password: Initial Capacity: Maximum Capacity: Capacity Increment: Image: Statement Cache Type: Statement Cache Size: P Advanced		The password attibute passed to the JOBC driver when creating physical database connections. More Info The number of physical connections to create when creating the connection pool. More Info The maximum number of physical connections that this connection pool co context. More Info The number of connections created when new connections are added to connection on ol. More Info The adjoint the used for maintaining the prepared statements stored in the statement cache. More Info
ere credential mapping for a JDBC data tatus tatus Faled (0) Critica (0) Overloaded (0) Warning (0) OK (1)	Password: Confirm Password: Initial Capacity: Maximum Capacity: Capacity Increment: Statement Cache Type: Statement Cache Size: P Advanced Save		The password attribute passed to the 208C driver when creating physical database connections. More Info The number of physical connections to create when creating the connection pool. More Info The maximum number of physical connections that this connection pool content. More Info The number of connections created when new connections are added to I connection good. More Info The adjoint mused for maintaining the prepared statements stored in the statement cache. More Info
ere credential mapping for a JDBC data status tatus Failed (0) Critical (0) Overloaded (0) Warning (0) Overloaded (0) Warning (0) Ok (1)	Image: Password: Confirm Password: Initial Capacity: Maximum Capacity: Capacity Increment: Statement Cache Type: Statement Cache Size: Image: Password: Statement Cache Size: Image: Password: Statement Cache Size: Image: Password: Statement Cache Size:		The password attibute passed to the 206C driver when creating physica database connections. More Info The number of physical connections to create when creating the connect pool. More Info The maximum number of physical connections that this connection pool co contain. More Info The number of connectors created when new connections are added to connection of More Info The algorithm used for maintaining the prepared statements stored in the statement cache. More Info The number of prepared and callable statements stored in the cache. (The may increase server performance.) More Info

- 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://10.10.10.10.101/console Eg: http://10.10.10.101/console



Following screen is displayed:

🕐 Oracle WebLogic Server Administrati *							
ORACLE WebLogic Server Administration Console 12c	Welcome						
Weblog: Sarver Venson: 12.1.0.0 Copyright (c) 19%-204. Oracle and/or is afflates. All rights resurved. Copyright (c) 19%-204. Oracle and/or is afflates. All rights resurved.	Log in to work with the WebLogic Server domain Username: Password: Login Login						
Done							

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

CITACLE WebLogic Server Administration Console		Q
Change Center 🕼 Home Log Out Preferences 🖾 Record Help	٩	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.		
Information and Resources		
Helpful Tools	General Information	
Release Configuration Configure applications	 Common Administration Task Descriptions 	
Configure GridLink for RAC Data Source	 Read the documentation 	
Recent Task Status	 Ask a question on My Oracle Support 	
Environment Set your console preferences	 Oracle Guardian Overview 	
Deployments Domain Configurations		
the Services	Capicar	Interoperability
B-Interoperability	Marcaring	WIIC Server
B-Diagnostics	 IMS Servers 	Idl Connection Pools
Environment	 Store-and-Forward Agents 	
Sarvare	 JMS Modules 	Diagnostics
Clusters	 Path Services 	I og Eles
Virtual Hosts	 Bridges 	Diagnostic Modules
Migratable Targets	Data Sources	Diagnostic Images
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
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		
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4. Following screen is displayed:

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	Administration Console				Q		
Change Center	🔒 Home Log Out Preferences 🔤 F	Record Help		Welcome, web	logic Connected to: fcubs113_domain		
View changes and restarts	Home >Summary of JDBC Data Sources	>FLEXTEST.WORLD >Summary of JMS Ser	vers				
Click the Lock & Edit button to modify, add or delete items in this domain.	Summary of JMS Servers						
Lock & Edit	JMS servers act as management containers for the queues and topics in JMS modules that are targeted to them.						
Release Configuration	This page summarizes the JMS server	rs that have been created in the current We	bLogic Server domain.				
Domain Structure fcubs113_domain	Customize this table						
E Environment	JMS Servers (Filtered - More Col	lumns Exist)					
Deployments	Click the Lock & Edit button in the C	hange Center to activate all the buttons on	this page.				
B-Messaging	New Delete				Showing 0 to 0 of 0 Previous Next		
····Store-and-Forward Agents ····JMS Modules	🗌 Name 🐟	Persistent Store	Target	Current Server	Health		
Path Services			These are as items to display				
-Data Sources			There are no items to display				
···Persistent Stores					Showing 0 to 0 of 0 Previous Next		
Foreign JNDI Providers							
How do I							
Configure JMS servers							
Configure JMS system modules							
System Status							
Health of Running Servers							
Failed (0)							
Critical (0)							
Overloaded (0)							
Warning (0)							
OK (2)							
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. h and/or its affiliates. Other names may be trad	emarks of their respective owners.					

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

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ç				e	ation Console	Administra		OR
blogic Connected to: fcubs113_doma	Welcome, weblogic Connected t		Q	ferences 📐 Record Help	ne Log Out Preferences	Home	ange Center	Change
		115	ORLD >Summary of JMS Serv	BC Data Sources >FLEXTEST.W0	>Summary of JDBC Data Sc	Home >	ew changes and restarts	View c
Summary of JMS Servers							pending changes exist. Click the Release infiguration button to allow others to edit the main.	No pend Configur domain.
JMS servers act as management containers for the queues and topics in JMS modules that are targeted to them. This page summarizes the JMS servers that have been created in the current WebLog Server domain.							Lock & Edit	
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				ed - More Columns Exist)	Servers (Filtered - Mor	JMS S	bs113_domain	fcubs113
Showing 0 to 0 of 0 Previous Next	Showing 0 to 0 of				Delete	New	Deployments	Depk
Health	Current Server Heal	Target	Store	Persistent	Name 🐟		-Services -Messaging	⊟-Servi ⊟-N
There are no items to display							Store-and-Forward Agents	
Showing 0 to 0 of 0 Previous Next	Showing 0 to 0 of				V Delete	New		
							⊞-Bridges	
							Data Sources	
							Foreign JNDI Providers	
							Work Contexts	
							w do I 😑	How do
							Configure JMS servers	Config
							Configure JMS system modules	 Config
							stem Status 🖂	System
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			respective owners.	mes may be trademarks of their r	ed. iffiliates. Other names may b	l rights reserve on and/or its aff	ebLogic Server Version: 10.3.4.0 ppyright © 1996,2010, Oracle and/or its affiliates. All racle is a registered trademark of Oracle Corporation	WebLog Copyrig Oracle i



6. Click 'New'.

😭 🎄 🌈 Create a New JMS Server - fcubs113	s_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 like WMS Server Bits Finah Cancel JHS Server Properties The following properties will be used to identify your new JMS Server.	
Domain Structure	* Indicates required fields	
Flaghts Jacobian * **Environment * **Genvices * **Genvices * **Size earl & Forward Agents * **Modules * **Parts Services * **Deta Sources * **Development Stores * **Persistent Stores * **Persistent Stores * **Work Contexts * **Work Contexts * ** Configure JMS system modules * • Configure custom persistent stores	What would you like to name your new JMS Server? Image: FCUBS_JIMSServer Specify persistent store for the new JMS Server. Persistent Store: (none) (Create a New Store) Persistent Store: (none) (Create a New Store) Persite Maxie, Finality (Cance)	
System Status		
Health of Running Servers		
Failed (0) Critical (0) Overloaded (0) Warning (0) CK (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 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	A 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	Create a New JMS Server	
domain.	Back Next Finish Cancel	
Lock & Edit	Select a store type.	
Release Configuration	Please select the type of store you wish to create from the list.	
Domain Structure	Type: File Store	
fcubs113_domain B Environment Deployments Deployments	Back Next Frinch Cancel	
Enversion Enversion - 1945 Servers - 1945 Servers - 1945 Modules - Path Services - Path Services - Path Services - Path Sources - Paesistent Stores - Paesistent Stores - Foreign 2002 Providers - Twork Contexts		
How do I		
Configure JMS system modules Configure custom persistent stores		
System Status		
Health of Running Servers		
Failed (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 affiates. Other names may be trademarks of their respective owners.	



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

Following screen is displayed:

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hange Center	Home Log Out	Preferences en Record Hep		welcome, weblogic connected to: rcubsitis_domain
iew changes and restarts	Home > Summary O	JUBC Data Sources >FLEXTEST.WOR	LD >Summary or JHS Servers	
o pending changes exist. Click the Release onfiguration button to allow others to edit th omain.	Create a New JMS	Server		
Release Configuration	File Store Prope	rties erties will be used to identify your ne fielde	ew file store.	
omain Structure	indicates required	nerus		
ubs113_domain - Environment - Deployments - Services	* What would you like * Name:	to name your new file store?		
	Select a server inst	ance for this file store.		
ier-Bridges ←Data Sources ←Persistent Stores ←Foreign JNDI Providers	The pathname to the Directory:	e directory on the file system where	the file store is kept. This directory must exist i	on your system, so be sure to create it before completing this tab.
Work Contexts		1.0000_1.000010		
ow do I	Cancel			
Configure JMS system modules				
Configure custom persistent stores				
stam Status	8)			
alth of Running Servers				
Failed (0)				
Critical (0)				
Overloaded (0)				
Warning (0)				
OK (2)				

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	🟠 👻 🗟 👘 🖶 Page 👻 🌍 T <u>o</u> ols 👻
	Administration Console	Q
Change Center View changes and restarts Pending changes exist. They must be activated to take effect.	Home Log Out Preferences I Record Heb Home Summary of JNS Servers Hessages effects accessfully.	Welcome, weblogic Connected to: fcubs113_domain
Activate Changes Undo All Changes	Create a New JHS Server	
Forman Structure	JHS Server Properties The following properties will be used to identify your new JMS Server. * Indicates required fields	
Messaging Misservers Misservers Misservers Misservers Misservers Misservers Misservers Bi-Bridges Data Sources Persistent Stores	What would you like to name your new 345 Server? dc] * Name: FCUBS_MISServer Specify persistent store for the new 345 Server. Persistent Store: FCUIES: Environment of Create a New Store	
How do I	Esci. Next Finah Cancel	
Configure JMS system modules Configure custom persistent stores		
Health of Running Servers Failed (0) Control (0)		
Cirical (U) Overloaded (0) Warning (0) OK (2)		
	rights reserved. n and/or its affliates. Other names may be trademarks of their respective owners.	

11. Click 'Next'.

😭 🏟 🌈 Create a New JMS Server - fcubs11	3_domain - WLS C	🦓 🔹 🔂 🐇 🖶 😨 Bage 🔹 🎯 Tools 🗧
	Administration Console	Q 🗅
Change Center	🔒 Hame 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 Next 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	
Deployments	Back Next Finish Cancel	
E-Services		
JMS Servers		
***Store-and-Forward Agents		
Path Services		
⊞-Bridges		
Data Sources		
***Persistent Stores		
Foreign JNDI Providers		
P-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. n and/or its affiliates. Other names may be trademarks of their respective owners.	



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

🚖 🏟 🏾 🏀 Summary of JMS Servers - fcubs113_dom	omain - WLS C			👌 • 🔊 - 🖶 •	Page + 🎯 Tools + 🏾	
ORACLE WebLogic Server® Adm	ministration Console				Q 🗠	
Change Center 1	🏦 Home Log Out Preferences 🗟 Record Help					
View changes and restarts	Home >Summary of JDBC Data Sources >FLEX	TEST.WORLD >Summary of JMS Servers				
Pending changes exist. They must be activated to take effect.	✓ Messages ✓ JMS Server created successfully					
Activate Changes	Summary of JMS Servers					
Undo All Changes	JMS servers act as management containers	for the queues and topics in JMS modules that are	e targeted to them.			
Domain Structure fcubs113_domain	This page summarizes the JMS servers that	have been created in the current WebLogic Serve	r domain.			
E-Environment	Customize this table					
Er-Messaging	JMS Servers (Filtered - More Columns	Exist)				
···· <u>JMS Servers</u> ····Store-and-Forward Agents	New Delete			Showing 1 to 1	of 1 Previous Next	
Path Services	🔲 Name 🔅	Persistent Store	Target	Current Server	Health	
Data Sources	FCUBS_JMSServer	FCUBS_FileStore	ManagedServer 1	ManagedServer1		
Foreign JNDI Providers Work Contexts	New Delete			Showing 1 to 1	of 1 Previous Next	
How do I						
Configure JMS servers						
Configure JMS system modules						
System Status						
Health of Running Servers						
Failed (0)						
Critical (0)						
Overloaded (0)						
Warning (0)						
OK (2)						
WebLogic Server Version: 10.3.4.0 Copyright © 1996,2010, Oracle and/or its affiliates. All right Oracle is a registered trademark of Oracle Corporation and	its reserved. d/or its affiliates. Other names may be trademarks	of their respective owners.				

- 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:

🔆 🕼 🅢 MS Modules - fcubs113_domain - W	/LS Console		🏠 🔹 🔝 👘 🖶 🖓 Eage 👻 🎯 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.W	ORLD >Summary of JMS Servers >Summary of J	DBC Data Sources > FLEXTEST.WORLD > Summary of JMS Servers > 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	s modules similar to standard J2EE modules. Su ers, and JMS store-and-forward (SAF) paramet t have been created for this domain.	ch resources include queues, topics, connection factories, templates, destination keys, quota, ters. You can administratively configure and manage JMS system modules as global system
Constitution of the second of	Customize this table	to activate all the buttons on this page.	
***3MS Servers ***Store-and-Forward Agents ***1MS Modules	New Delete	a control of the particular of the page.	Showing 0 to 0 of 0 Previous Next
Path Services	🔲 Name 🗇		Туре
Data Sources Dereletent Stores		There are no i	items to display
Foreign JNDI Providers Work Contexts			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)			
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.	

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

Change Center When Log Out, Preference: Bacard Heb We come, weblagic Connected to: Kaubill3.do We preding thanges such: Click the Release Configuration The Release Configuration Webcome, weblagic Connected to: Kaubill3.do Joint & Edit Beesee Configuration Webcome, weblagic Connected to: Kaubill3.do Joint & Edit Beesee Configuration Webcome, weblagic Connected to: Kaubill3.do Joint & Edit Beesee Configuration Webcome, weblagic Connected to: Kaubill3.do Joint & Edit Beesee Configuration Webcome, weblagic Connected to: Kaubill3.do Joint & Edit Beesee Configuration Webcome, weblagic Connected to: Kaubill3.do Joint & Edit Beesee Configuration Webcome, weblagic Connected to: Kaubill3.do Joint & Edit Beesee Configuration Webcome, weblagic Connected to: Kaubill3.do Joint & Edit Beesee Configuration Second Configure and models status in the standord ISE models.Subhage configure and mease 3/8 system models so do to: Second Agents Webcome, weblagic Configure 3/8 system models Descence Configure and Agents Joint Agents Second Agents Joint Agents Joint Agents Joint Agents Second Agents		Administration Console	
Tere changes and restarts to ponding drugge sets. Click the Relates of the Relates of the above the Starts and	hange Center	tome Log Out Preferences ≧ Record Help	Welcome, weblogic Connected to: fcubs113_domai
banding shapes est. Click he Belease organisation turns else with the services is the the main. Lock & Edit Resease Configuration This page summarizes are configured and stored as modules similar to standard J2EE modules. Such resources include queues, tools, connection factories, templates, destination less, quota, distributed queues, distributed topics, foregin servers, and 3MS store and -forward (SAP) parameters. You can administratively configure and manage 3MS system modules as global system meaning Structure distributed queues, distributed topics, foregin servers, and 3MS store and -forward (SAP) parameters. You can administratively configure and manage 3MS system modules as global system meaning Structure distributed queues, distributed topics, foregin servers, and 3MS store and -forward (SAP) parameters. You can administratively configure and manage 3MS system modules as global system meaning Structure distributed queues, distributed topics, foregin servers, and 3MS store and -forward (SAP) parameters the 3MS system modules that have been created for this domain. Previous 1 Structure Description of the store and forward Agents - Structure distributes - Structure - Structure distributes - Structure and forward Agents - Structure - Structure and forward Agents - Structure - Structure and forward Agents - Structure and forward Agents - Structure for 3MS system modules Configure 4MS system modules Configure 3MS system mo	fiew changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JDBS Servers >Summary of JDBS	C Data Sources > FLEXTEST.WORLD > Summary of JMS Servers > JMS Modules
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Werning (0) OK (2)	Overloaded (0)		
	Warning (0)		
	OK (2)		



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

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	Administration Console	Parcerd Halo	Welcome weblogic Connected to: fcubs113_doma
inge Center	Home >Summary of JDBC Data Sour	record hep	a Sources > FLEXTEST.WORLD > Summary of JMS Servers > JMS Modules
pending changes exist. Click the Release	Create 1MS System Module		
figuration button to allow others to edit th rain.	e Back Next Finish Cancel]	
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nain Structure	JMS system resources are configu distributed queues, distributed top	ed and stored as modules similar to standard J2EE modules. Such resou ics, foreign servers, and JMS store-and-forward (SAF) parameters. You	rces include queues, topics, connection factories, templates, destination keys, quota, J can administratively configure and manage JMS system modules as global system
s 113_domain Environment Deployments Services	* Indicates required fields		
⊟-Messaging	What would you like to name your S	ystem Module?	
····JMS Servers ···Store-and-Forward Agents ····JMS Modules	* Name:	FCUBS_SystemModule	
Path Services B-Bridges	What would you like to name the de	scriptor file name? If you do not provide a name, a default will be assign	ned.
	Descriptor File Name:	FCUBS_SystemModule	
Work Contexts	Where would like to place the descr	ptor for this System Module, relative to the jms configuration sub-direct	tory of your domain?
do L	Location In Domain:		
onfigure JMS system modules onfigure JMS servers	Back Next Finish Cancel]	
em Status			
th of Running Servers			
Failed (0)			
Critical (0)			
Overloaded (0)			
Warning (0)			
OK (2)			
	_		

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		🟠 👻 🔜 👻 🕞 2age 🕶 🎯 Tgols 🕶 🎽
	Administration Console		Q
Change Center	Home Log Out Preferences Record Help	RLD >Summary of IMS Servers	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts View changes and restarts Logo Add Add Add Add Add Add Add Add Add Ad	Hores Summery of DBC Data Sources PLEXTEXTWO Create 3HS System Hodule Back Med. Finith Cancel The following properties will be used to targe Use this page to select the server or duster on which Targets : Servers AdminServer ManagedServer1 Rest. Texast Texast Texast	RLD sSummary of JMS Servers t your new JMS system m you would like to deploy the .	i Summary of DBC Dida Sources PEBCIEST/WORLD SSummary of JMS Servers 3/MS Modules nodule. JMS system module. You can reconfigure targets later if you wish.
Horeign 3ND Providers Work Contexts How do I Configure 3MS system modules Configure 3MS servers			
System Status			
WebLogic Server Version: 10.3.4.0 Copyright © 1996;2010, Oracle and/or its affiliates. All Oracle is a registered trademark of Oracle Corporation	ights reserved. 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		🛐 🔹 🔝 🐇 🖶 Eage 🔹 🎯 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.WC	ORLD >Summary of JMS Servers >Summary of JE	IDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS Modules
No pending changes exist. Click the Release Configuration buttion to allow others to edit the domain. Lock & Edit Release Configuration	Create JMS System Module Back Text Finish Cancel Add resources to this JMS system module Use this page to indicate whether you want to immer	diately add resources to this JMS system modu	We after it is created. JMS resources include queues, topics, connection factories, etc.
fcubs113_domain	Would you like to add resources to this JI	MS system module?	
Deprivers Dervices Devices Devices	Back Text Finah Cance		
How do L			
Configure JMS system modules Configure JMS servers			
System Status			
Health of Running Servers Failed (0) Oribical (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 n	espective owners.	

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

🚖 🎄 🌈 JMS Modules - fcubs113_domain - WLS Cons	nsole		🙆 • 🖻	-	• 🔂 Bage	• 🕥 Tools	. '
ORACLE WebLogic Server® Admini	nistration Console					Q	P
Change Center 🏠	Home Log Out Preferences 🔤 Record Help	We	lcome, weblogi	c Connect	ted to: fcubs1	113_domai	
View changes and restarts Ho	iome >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC Data Sources >FLEXTEST.W	WORLD >Summary	of JMS Servers >	IMS Modul	es		
Pending changes exist. They must be activated to take effect.	ssages Ø The JMS module was created successfully,						
Activate Changes JMS	5 Modules						
Undo Al Changes Domain Structure fcubs113_domain	XMS system resources are configured and stored as modules smillar to standard JIZEE modules. Such resources induce quickes, the Satributed quickes, distributed topics, foreign servers, and IMS store-and-forward (SAP) parameters. You can administratively o trajures. This page summarizes the IMS system modules that have been created for this domain.	topics, connection configure and mar	factories, templa nage JMS system	ites, destir modules as	iation keys, qu ; global system	iota, 1	
B:Services ⊡:Messaging 	Customize this table HS Hodules						
	New Delete		Sho	wing 1 to 3	l of 1 Previou	is Next	l
⊞-Bridges Data Sources	🔲 Hame 🔅		Туре				
Persistent Stores Foreign JNDI Providers	FCUBS_SystemModule		System				
How do L	New. Delete		Sho	wing 1 to 1	Lof 1 Previou	is Next	
Configure 3MS system modules							Í.
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 - W	/LS Console				🙆 • 🔊 :	🛛 🖶 🔹 🔂 Bage 🔹	• 💮 T <u>o</u> ols •					
	Administration Con	sole					Q					
Change Center	🔒 Home Log Out	Preferences 🔤 Record Help	٩	We	elcome, weblogic	Connected to: fcubs1	.13_domain					
View changes and restarts Click the Lock & Edit button to modify, add or delete items in this domain.	Home > Summary of Messages & All changes have	Home Sournary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS Heddles Hessages # All changes have been activated. No restarts are necessary.										
Lock & Edit Release Configuration	JMS Modules	INS Modules JNS system resources are configured and stored as modules similar to standard JZEE modules. Such resources include queues, topics, connection factories, templates, destination keys, quota,										
Domain Structure fubs113 domain	distributed queue resources. This page summar Customize this	s, distributed topics, foreign serve izes the JMS system modules that table	rs, and JMS store-and-forward (SAF) ; have been created for this domain.	aerameters. You can administratively configure and ma	inage JMS system mo	dules as global system						
Store-and-Forward Agents	JHS Hodules Olds the Lock & Editbutton in the Change Center to activate all the buttons on this page. Olds the Lock & Editbutton in the Change Center to activate all the buttons on this page. Showing 1 to 1 of 1											
How do I	FCUBS_S)	stemModule			System							
Configure JMS system modules Configure resources for JMS system modules	New Delete				Showin	ng 1 to 1 of 1 Previou	s Next					
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. h and/or its affiliates. Other	names may be trademarks of their i	respective owners.									

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:

				<u>></u>	
hange Center	😭 Home Log Out Preferences 🚵 Record Help	Q	W	elcome, weblogic Connected to: fcubs113_dom	
New changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD :	Summary of JMS Servers >Summary of JDBC D	ata Sources > FLEXTEST.WORLD > Summar	y of JMS Servers > JMS Modules	
Io pending changes exist. Click the Release configuration button to allow others to edit the omain.	JM5 Modules				
Lock & Edit	JMS system resources are configured and stored as modu distributed queues, distributed topics, foreign servers, an resources.	les similar to standard J2EE modules. Such res d JMS store-and-forward (SAF) parameters. Y	ources include queues, topics, connectio 'ou can administratively configure and ma	n factories, templates, destination keys, quota, inage JMS system modules as global system	
Release configuration	This page summarizes the JMS system modules that have	been created for this domain.			
Iomain Structure					
ubs113_domain	Customize this table				
± Environment	1MS Modules				
=-Services	New Press				
E-Messaging	New Delete			Showing 1 to 1 of 1 Previous Next	
Store-and-Forward Agents	🔲 Name 🐵			Туре	
···JMS Modules					
Path Services Bridges	FCUBS_SystemModule			System	
···Data Sources	New Delete			Showing 1 to 1 of 1 Previous Next	
Persistent Stores					
Work Contexts					
In the T					
Configure JMS system modules					
Configure resources for JMS system modules					
vstem Status 😑					
ealth of Dunning Servere					
Paled (0)					
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viaming (U)					
OK (2)					

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

🖌 🏘 🌈 Settings for FCUB5_SystemModule - f	fcubs113_domai			👌 • 🖻	🔹 🖶 🔹 🔂 Bage 🔹 🎯 Tools 🔹								
ORACLE WebLogic Server® A	dministration Console				Õ								
Change Center	🔒 Home Log Out Preferences 🔤 R	ecord Help	Q	Welcome, weblogic	Connected to: fcubs113_domain								
New changes and restarts	Home >Summary of JDBC Data Sources : Modules >FCUBS_SystemModule	>FLEXTEST.WORLD >Sum	mary of JMS Servers >Summary of JDBC Dat	a Sources >FLEXTEST.WORLD >Summary of JMS Servers >J	MS								
o pending changes exist. Click the Release onfiguration button to allow others to edit the	Settings for FCUBS_SystemModule												
Lock & Edit	Configuration Subdeployments	Targets Security N	otes										
Release Configuration	This page displays general information	n about a JMS system mor	dule and its resources. It also allows you to	o configure new resources and access existing resources.									
omain Structure	Name:	FCUBS_Syste	mModule	The name of this JMS system module. More	Info								
"Environment "Deployments	Descriptor File Name:	jms/FCUBS_S	ystemModule-jms.xml	The name of the JMS module descriptor file.	More Info								
-Services -Messaging 	This page summarizes the JMG resources that have been reated for this JMG system module, including queue and topic destinations, connection factories, JMS templates, destination sort keys, destination quota, distributed destinations, foreign servers, and store-and-forward parameters.												
JMS Modules	Customize this table	Customize this table											
Bridges	Summary of Resources												
Persistent Stores	New Delete			Sho	wing 0 to 0 of 0 Previous Next								
Work Contexts	🔲 Name 🐟	Туре	JNDI Name	Subdeployment	Targets								
w do I 😑			There are no items to	display									
Configure JMS system modules	New Delete			Sho	wing 0 to 0 of 0 Previous Next								
modules													
Configure resources for JMS system modules													
stem Status 😑													
alth of Running Servers													
Failed (0)													
Critical (0)													
Overloaded (0)													
Warning (0)													
OK (2)													
ebLogic Server Version: 10.3.4.0 ppyright © 1996,2010, Oracle and/or its affiliates. All ri racle is a registered trademark of Oracle Corporation :	ights reserved. and/or its affiliates. Other names may be trade	marks of their respective o	wners.										



4. Click 'Subdeployments' tab.

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	dministration C	onsole									<u>o</u>
Change Center	Home Log C	Dut Preferences 🔤 F	Record Help			Q		Welcome, w	eblogic	Connected to: fcubs113_do	main
View changes and restarts	Home >Summar Modules >FCUB	y of JDBC Data Sources IS_SystemModule	>FLEXTEST.V	VORLD >Sum	mary of JMS	Servers >Summary of JDBC	Data Sources > FLEXTEST.W	ORLD >Summary of JMS Se	vers >JM	S	
No pending changes exist. Click the Release Configuration button to allow others to edit the	Settings for FC	Settings for FCUBS_SystemHodule									
domain.	Configuration	Subdeployments	Targets	Security	iotes						
Release Configuration	This page disp grouped and t	lays subdeployments o argeted to a server res	reated for a l source (such	IMS system n as JMS serve	iodule. A su rs, server i	bdeployment is a mechanism stances, or cluster).	m by which JMS module reso	urces (such as queues, to	pics, and	connection factories) are	
Domain Structure											
fcubs113_domain	Customize t	his table									
Deployments	Subdeploym	ents									- 11
B-Messaging	New Dele								Show	ing 0 to 0 of 0 Previous Nex	t
JMS Servers Store-and-Forward Agents JMS Modules	🔲 Name	*			Resou	rces		Targets			
Path Services						There are no items	s to display				
the Bridges	New Deter Showing 0 to 0 of 0 Previous Next										
Foreign JNDI Providers Work Contexts											
How do I											
Configure subdeployments in JMS system modules											
Configure JMS system modules											
System Status											
Health of Running Servers											
Failed (0)											
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Overloaded (0)											
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5. Click 'New'. The following screen is displayed.

CRACLE WebLogic Server® Administra Change Center View changes and restarts No periority change sexist. Click the Release Configuration button to also others to edit the domain. Lippo & Edit	tion Console tog Out Preferences Record Help [Summary of IDBC Data Sources >FLEXTEST.WORLI >FCUBS_SystemModule	D Summary of IDEC D	Welcome, weblogic Connected to: fcubs113_dor
Change Center View changes and restarts No perding changes exist. Lick the Release Configuration button to allow others to edit the domain. Lick & Edit	E Log Out Preferences Record Help	D Summary of IMS Servers Summary of IDBC D	Welcome, weblogic Connected to: fcubs113_dor
View changes and restarts No pending changes exist. Click the Release Configuration button to allow others to edit the domain. Lock & Edit Back	Summary of JDBC Data Sources >FLEXTEST.WORL >FCUBS_SystemModule	DisSummary of IMS Servers Summary of IDBC D	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.			ata Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS
Lock & Edit Back	New Subdeployment		
	Next Finish Cancel		
Release Configuration Subde	ployment Properties		
The fol	owing properties will be used to identify your new	w subdeployment.	
Somain Structure * Indicate	es required fields		
Topoloyments * Subde	eployment Name:	FCUBS	
Hessaging HIS Servers Store-and-Forward Agents Store Model-Forward Agents	Next Finish Cancel		
Path Services ⊡•Path Services ⊡•Bridges			
Persistent Stores			
Foreign JNDI Providers			
low do I			
Configure subdeployments in JMS system modules			
ystem Status 🗉			
lealth of Running Servers			
Failed (0)			
Critical (0)			
Overloaded (0)			
Warning (0)			
UN (2)			



6. Specify the Subdeployment Name as 'FCIS'. Then click 'Next'.

😭 🏘 🏀 Create a New Subdeployment - fcub	15113_domain - W	🛐 👻 📾 👻 📴 Rage 🕶 🎯 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 >Summary of JDBC Data S Modules >FCUBS_SystemModule	iources >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	
Deployments	HanagedServer1	
	JMS Servers	
JMS Modules Path Services	FCUBS_JMSServer	
t±-Bridges …Data Sources …Persistent Stores	Back Next Finish Cancel	
Foreign JNDI Providers Work Contexts		
How do I		
 Configure subdeployments in JMS system modules 		
System Status		
Health of Running Servers		
Failed (0)		
Critical (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 FCUBS_SystemModule -	fcubs113_domai					🟠 🔹 🔝 👘 👘 Bage 🕶 🎯 Tgols 🔹						
	Administration Cons	sole				Q						
hange Center	🔒 Home Log Out	Preferences 🔤 Record	Help		2	Welcome, weblogic Connected to: fcubs113_domain						
iew changes and restarts	Home >Summary of Modules >FCUBS_S	f JDBC Data Sources > FLEXT SystemModule	EST.WORLD >	Summary of JMS S	rvers >Summary of JDBC Data Source	s >FLEXTEST.WORLD >Summary of JMS Servers >JMS						
ending changes exist. They must be activated take effect.	Messages	t created excreefully										
Activate Changes	• Subacpio ymeni	cocorco soccessiony.										
Undo All Changes	Settings for FCUBS	attings for FCU85_SystemModule										
	Configuration Su	ubdeployments Targe	ts Security	Notes								
main Structure												
Deployment Deployments Services D-Messaging	This page displays grouped and targe	s subdeployments created f eted to a server resource (table	or a JMS syst such as JMS s	em module. A subc ervers, server inst	eployment is a mechanism by which I ances, or cluster).	INS module resources (such as queues, topics, and connection factories) are						
Store-and-Forward Agents	Subdeployment	3										
- Jone end o mero de perio												
Path Services Bridges												
Data Sources	📋 Name 🐟		Re	sources		Targets						
Foreign JNDI Providers	FCUBS					FCUBS_JMSServer						
Work Contexts	New Delete					Showing 1 to 1 of 1. Previous Next						
w do I												
Configure subdeployments in JMS system modules												
Configure JMS system modules												
stem Status												
alth of Running Servers												
Faled (0)												
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Overloaded (0)												
Warning (0)												
OK (2)												
ebLogic Server Version: 10.3.4.0 pryright © 1996,2010, Oracle and/or its affiliates. All r racle is a registered trademark of Oracle Corporation	rights reserved. n and/or its affiliates. Other	r names may be trademarks o	f their respecti	ve owners.								



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

🔶 🎄 🏉 Settings for FCUBS_SystemModule - for	:ubs113_domai							🔂 •	2	÷ •	🔂 Eage 🔹	• 🕥 Tools ·	. "
ORACLE WebLogic Server® Ad	dministration Console	•										õ	^
Change Center	🙆 Home Log Out Pre	ferences 🔤 Rei	cord Help		٩			Welcome, wel	ologic Co	onnected	to: fcubs1	13_domair	
View changes and restarts	Home >Summary of JDE Modules >FCUBS_Syste	C Data Sources >F	FLEXTEST.W	ORLD >Summ	ary of JMS Servers >Summa	rry of JDBC Data Sources	>FLEXTEST.WORLD >Sun	nmary of JMS Serv	ers >JMS				
Click the Lock & Edit button to modify, add or delete items in this domain.	Messages												
Lock & Edit	All changes have be	een activated. No	restarts are	e necessary.									
Release Configuration	Settings for FCUB5_SystemModule												
	Configuration Subd	eployments	Targets S	ecurity N	otes								
foubs113_domain	This page displays sub grouped and targeted	odeployments crea I to a server resou Ile	ated for a JN urce (such a	15 system mo s JMS serven	dule. A subdeployment is a s, server instances, or dust	a mechanism by which Ji ter).	MS module resources (suc	h as queues, topi	cs, and co	nnection	factories) a	re	
···Store-and-Forward Agents	Subdeployments												
Path Services	City the Eber of Ebr	bottor in the cho	nge Gerner	to betrute b	rate bactoria orrana poge.								
Total Sources	New Delete						-		Showing	1 to 1 c	of 1 Previou	is Next	
Persistent Stores Foreign JNDI Providers	🔲 Name 🐟			Resour	ces		Targets						
1 F-Work Contexts	FCUBS						FCUBS_JMSServer						
Configure subdeployments in JMS system	New Delete								Showing	1 to 1 c	of 1 Previou	is Next	
modules	-												
Compare JMS system modules													
System Status													
Health of Running Servers													
Failed (0)													
Critical (0)													
Overloaded (0)													
Warning (0)													
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7.2.5 JMS Queue Creation

1. Select the JMS Module created earlier.

🚖 🏘 🌈 Settings for FCUB5_SystemModule -	- fcubs113_domai			🙆 • 🖻	🔹 🖶 🔹 🔂 Bage 🗸 🎯 Tools 🔹						
	Administration Console				Q						
Change Center	🙆 Home Log Out Preferences 🔤 F	Record Help	٩	Welcome, weblogic	Connected to: fcubs113_domain						
View changes and restarts	Home >Summary of JDBC Data Sources Modules >FCUBS SystemModule	>FLEXTEST.WORLD >Sun	nmary of JMS Servers >Summary of JDBC Da	ta Sources >FLEXTEST.WORLD >Summary of JMS Servers >J	MS						
Click the Lock & Edit button to modify, add or delete items in this domain.	Settings for FCUBS SystemModule	•									
Lock & Edit	Configuration Subdeployments	Targets Security N	lotes								
Release Configuration											
	This page displays general informatio	n about a JMS system mo	dule and its resources. It also allows you t	to configure new resources and access existing resources.							
Domain Structure fruhs113 domain		50,000,000		The same of this 1940 success while Mark	. 7-6-						
Environment	PC085_Syste	emmodule	The name of this Jims system module. Mon	2 1110							
E-Services	Descriptor File Name:	More Info									
······································	This page summarizes the JMS resour destination quota, distributed destina	This page summarizes the 3MS resources that have been created for the 3MS system module, including queue and topic destinations, connection factories, 3MS templates, destination sort keys, destination quota, distributed destinations, foreign servers, and store-and-forward parameters.									
Path Services Pridoes	Customize this table										
Data Sources	Summary of Resources										
Foreign JNDI Providers	Click the Lock & Edit button in the C	hange Center to activate	all the buttons on this page.								
I I'Work Contexts				Sho	wing 0 to 0 of 0 Previous Next						
How do I		Ture	3007 House	Cubdenlaument	Townshi						
Configure JMS system modules Configure subdeployments in JMS system		туре	JNDI Name	subdeployment	Targets						
modules			There are no items to	o display							
Configure resources for JMS system modules				Sho	wing 0 to 0 of 0 Previous Next						
System Status											
Health of Running Servers											
Failed (0)											
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Overloaded (0)											
OK (2)											
Giv (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 trad	emarks of their respective o	wners.								

- 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 -	fcubs113_domai			<u>6</u> • 5) 🔹 🖶 👻 Eð Page 🕶 🎯 Tgols 🔹
	Administration Console				Q
Change Center	🔒 Home Log Out Preferences 🔤 Rec	ord Help	٩	Welcome, weblogic	c Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >F Modules >FCUBS_SystemModule	LEXTEST.WORLD >Summa	ary of JMS Servers >Summary of JDBC Data	a Sources >FLEXTEST.WORLD >Summary of JMS Servers >J	/MS
No pending changes exist. Click the Release Configuration button to allow others to edit the	Settings for FCUBS_SystemModule				
domain.	Configuration Subdeployments Ta	argets Security Not	jes		
Release Configuration	This page displays general information a	bout a JMS system modul	/e and its resources. It also allows you to	configure new resources and access existing resources.	
Domain Structure	Name:	FCUBS_System!	Module	The name of this JMS system module. Mor-	e Info
Trups 113_doman B-Environment Deployments G-Services	Descriptor File Name:	jms/FCUBS_Sys	:temModule-jms.xml	The name of the JMS module descriptor file.	More Info
Messaging "-Messaging "-MS Servers "-Store-and-Forward Agents "JMS Modules "-Path Services Deducerizes	This page summarizes the JMS resources destination quota, distributed destination	that have been created ns, foreign servers, and :	r for this JMS system module, including qu store-and-forward parameters.	ieue and topic destinations, connection factories, JMS ten	nplates, destination sort keys,
Data Sources	Summary of Resources				
Persistent Stores	New Delete			Sho	owing 0 to 0 of 0 Previous Next
Work Contexts	🔲 Name 🔅	Type 2	JNDI Name	Subdeployment	Targets
How do I			There are no items to	display	
Configure JMS system modules	New Delete			She	owing 0 to 0 of 0 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)					
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4. Click 'New'. The following screen is displayed.

🚖 🚸 🌈 Create a New JMS System Module Re	esource - fcubs11	- D -	🖶 • 🔂 Bage • 🎯 Tools • 🎽							
	dministration Console		Q 🎴							
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Co	onnected to: fcubs113_domain							
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of Modules >FCUBS_SystemModule	f 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 JHS System Hodule Resource Back Heat From Cancel Choose the type of resource you want to create. Choose the type of resource you want to create. Choose the type of resource you want to create.	reate a liew JHS System Hodule Resource Back Inext Fristing Cancel Choose the type of resource you want to create. Concel Concel								
Domain Structure	Use these pages to create resources in a JMS system module, such a	queues, topics, templates, and connection factories.								
fcubs113_domain	Depending on the type of resource you select, you are prompted to e factories, distributed queues and topics, foreign servers, and JNS SA targetable resources with subdeployments, which is an advanced mer	nter basic information for creating the resource. For targetable resources, like stand-alone queues 7 destinations, you can also proceed to targeting pages for selecting appropriate server targets. Y hansm for grouping JMS module resources and the members to server resources.	s and topics, connection (ou can also associate							
Housesaging Housesagi	O Connection Factory	Defines a set of connection configuration parame connections for JMS clents. More Info	eters that are used to create							
		Defines a point-to-point destination type, which peer communications. A message delivered to a one consumer. More Info	are used for asynchronous queue is distributed to only							
Persistent Stores Foreign JNDI Providers Work Contexts	🔿 Торіс	Defines a publish/subscribe destination type, whi peer communications. A message delivered to a t consumers. More Info	ich are used for asynchronous topic is distributed to all topic							
How do L	O Distributed Queue	Defines a set of queues that are distributed on m which are accessible as a single, logical queue to	nultiple JMS servers, but JMS dients. More Info							
Configure JMS templates Configure destination keys	O Distributed Topic	Defines a set of topics that are distributed on mu are accessible as a single, logical topic to JMS clie	ltiple JMS servers, but which ents. More Info							
Configure topics Configure queues Configure queues	O Foreign Server	Defines foreign messaging providers or remote W that are not part of the current domain. More I	VebLogic Server instances							
Configure uniform distributed topics Configure uniform distributed queues	🔿 Quota	Controls the allotment of system resources availa Info	able to destinations. More							
Configure foreign servers Configure JMS SAF	O Destination Sort Key	Defines a unique sort order that destinations can messages. More Info	apply to arriving							
System Status) JMS Template	Defines a set of default configuration settings for Info	r multiple destinations. More							
Health of Running Servers Failed (0) Critical (0) Overloaded (0)	SAF Imported Destinations	Defines a collection of imported store-and-forward derivation is a representation of a sub-derivation local servir instance or cluster can servi message instance or cluster. More Info	rd (SAF) destinations. A SAF ic in a remote server instance r server instance, so that the es to the remote server							
Done		Second Intr	ranet 🔍 100% 🔹							



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

🚖 🎄 🌈 Create a New JMS System Module F	Resource - fcubs11						<u>6</u> -	N - H	• 🔂 Eage • 🄇) Tools •	»
ORACLE WebLogic Server®	Administration Console									õ	^
Change Center	🙆 Home Log Out Preferen	ces 🔤 Record Help		٩			Welcome, we	blogic Connect	ed to: fcubs113	domain	
View changes and restarts	Home >Summary of JDBC Dat Modules >FCUBS_SystemMo	a Sources >FLEXTEST.WO	RLD >Summary of JMS	5 Servers >Summary	of JDBC Data Sources	>FLEXTEST.WORLD >	Summary of JMS Serv	ers >JMS			
No pending changes exist. Click the Release Configuration button to allow others to edit the	Create a New JMS System	Module Resource									
Lock & Edit	Back Next Finish	Cancel									
Release Configuration	JMS Destination Proper	ties									
Domain Structure	The following properties will	be used to identify your	new Queue. The curr	ent module is FCUBS	SystemModule.						
fcubs113_domain	* Indicates required fields										
Deployments Services Ordessaging Interview	* Name:	NOTIFY_DEST_QUE	UE								
	JNDI Name:	NOTIFY_DEST_QUE	UE								
Path Services ⊕rBridges ™Data Sources	Template:	None 💙									
Foreign JNDI Providers Work Contexts	Back Next Finish	Cancel									
How do I											
Configure quotas for destinations											
Configure JMS templates											
Configure destination keys											
Configure topics											
Configure queues Configure connection factories											
Configure connection ractories											
Configure uniform distributed queues											
Configure foreign servers											
Configure IMS SAF											
System Status											
Health of Running Servers											
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Critical (0)											
Overloaded (0)											~
Done							•	Local intranet	e,	.00% -	

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 - 🍟
	Administration Console	Q 1
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 JDB/ Modules >FCUBS_SystemModule	C Data Sources > FLEXTEST.WORLD > Summary of JMS Servers > JMS
No pending changes exist. Clck the Release Configuration button to allow others to edit the domain. Lock & Edit Release Configuration	Create a flew JHS System Hodule Resource Back Finan Cancel The following properties will be used to target your new JHS system module resource	
Domain Structure fcubs113_domain B-Environment Deployments	Use this page to select a subdeployment to assign this system module resource. A subdeployment is: SAP agent. If necessary, you can create a new subdeployment by clicking the Create a New Subd module's subdeployment management page.	a mechanism by which JMS resources are grouped and targeted to a server instance, cluster, or eployment button. You can also reconfigure subdeployment targets later by using the parent
Services	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 :	=
Foreign JNDI Providers Work Contexts How do I	JMS Servers Ø FCUBS_JMSServer	
Configure quotas for destinations Configure JMS templates Configure destination keys	Back Next Finish Cancel	
Configure topics Configure queues Configure connection factories		
Configure uniform distributed topics Configure uniform distributed queues Configure foreign servers Configure JMS SAF		
System Status		
Health of Running Servers Failed (0) Critical (0)		
Overloaded (0)		
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6. Select the managed server created by the user. Click 'Finish' button.

🚖 🚸 🏉 Settings for FCUB5_SystemModule - 1	fcubs113_domai			<u>ه</u> -	🔊 🔹 🖶 🔹 🔂 Bage 🔹 🎯 Tools 🔹
	dministration Console				Q
Change Center	🏠 Home Log Out Preferences 🔤 Record Help		٩	Welcome, we	blogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.V Modules >FCUBS_SystemModule	VORLD >Summary of	of JMS Servers >Summary of JDBC Data Sources >	FLEXTEST.WORLD >Summary of JMS Serv	ers >JMS
Pending changes exist. They must be activated to take effect.	Messages The JMS Queue was created successfully				
Activate Changes					
Undo All Changes	Settings for FCUBS_SystemModule				
	Configuration Subdeployments Targets S	ecurity Notes			
Domain Structure fcubs113_domain	This page displays general information about a JM	5 system module ar	nd its resources. It also allows you to configure	new resources and access existing resou	rces.
B-Services	Name: F	CUBS_SystemMod	ule	The name of this JMS system module.	More Info
"JMS Servers	Descriptor File Name: j	ns/FCUBS_System	Module-jms.xml	The name of the JMS module descripto	r file. More Info
Bridges Data Sources Persistent Stores Toreign JNDI Providers TWork Contexts W	destination quota, distributed destinations, foreign Customize this table Summary of Resources	servers, and stor	e-and-forward parameters.		
How 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_QUEUE	FCUBS	FCUBS_JMSServer
System Status	New Delete				Showing 1 to 1 of 1 Previous Next
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 thei	respective owners			



7. The JMS Queue has been created successfully. Click 'Activate Changes' under 'Change Center'.

🚖 🏘 🌈 Settings for FCUB5_SystemModule -	fcubs113_domai		6	• 🔝 🔹 🖶 • 🔂 Page • 🎯 Tools •
	Administration Console			Q
Change Center	🏠 Home Log Out Preferences 🔤 Record He	elp 🔍	Welcome, w	eblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTES Modules >FCUBS_SystemModule	ST.WORLD >Summary of JMS Servers >Summary of JD	8C Data Sources > FLEXTEST.WORLD > Summary of JMS Se	rvers >JMS
No pending changes exist. Click the Release Configuration button to allow others to edit the	Settings for FCUBS_SystemModule			
Lock & Edit	Configuration Subdeployments Targets	Security Notes		
Release Configuration	This page displays general information about a	JMS system module and its resources. It also allows	you to configure new resources and access existing reso	burces.
Domain Structure	Name:	FCUBS_SystemModule	The name of this JMS system module	. More Info
Courses Courses Courses Courses Courses Courses Courses Courses	Descriptor File Name:	jms/FCUBS_SystemModule-jms.xml	The name of the JMS module descrip	tor file. More Info
MessagingJMS ServersStore-and-Forward Agents	This page summarizes the JMS resources that h destination quota, distributed destinations, for	ave been created for this JMS system module, inclu eign servers, and store-and-forward parameters.	ing queue and topic destinations, connection factories,	JMS templates, destination sort keys,
···JMS Modules ···Path Services ⊡-Bridges	Customize this table			
Data Sources Persistent Stores Foreign INDI Providers	New Delete			Showing 1 to 1 of 1 Previous Next
Work Contexts	🔲 Name 🗇	Type JNDI Name	Subdeployment	Targets
low do I	NOTIFY DEST QUEUE	Queue NOTIFY DEST QUEUE	FCUBS	FCUBS JMSServer
Configure JMS system modules Configure subdeployments in IMS system	New Delete		I	Showing 1 to 1 of 1 Previous Next
modules				
compare resources for ana system modules				
ystem Status				
ealth of Running Servers				
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 reserved. . and/or its affiliates. Other names may be trademarks of t	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'.

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	Administration Console					Q
Change Center	Home Log Out Prefer	ences 🔤 Record Help		Q	Welcome, we	blogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC I Modules >FCUBS_System1	Data Sources > FLEXTEST.WO Module	ORLD >Summary o	f JMS Servers > Summary of JDBC Data Sources >	FLEXTEST.WORLD >Summary of JMS Serv	vers >JMS
No pending changes exist. Click the Release Configuration button to allow others to edit the domain	Settings for FCUBS_Syst	emModule				
Lock & Edit	Configuration Subdep	loyments Targets Se	curity Notes			
Release Configuration	This page displays genera	al information about a JMS :	system module ar	d its resources. It also allows you to configure	new resources and access existing resou	rces.
Domain Structure	Name:	FC	UBS_SystemMod	le	The name of this JMS system module.	More Info
BrEnvironment Deployments BrServices	Descriptor File Name:	jm	s/FCUBS_System	fodule-jms.xml	The name of the JMS module descript	or file. More Info
Hersaging MS Servers Servers Store-and-Forward Agents MS Modules MSModules	This page summarizes the destination quota, distrib	JMS resources that have l uted destinations, foreign :	been created for servers, and ston	this JMS system module, including queue and to e-and-forward parameters.	opic destinations, connection factories, J	MS templates, destination sort keys,
i⊞-Bridges	Summary of Resource	•				
Data Sources Persistent Stores	New Delete					Showing 1 to 1 of 1. Previous Next
Vork Contexts						
How do I	Name 🗞		Туре	JNDI Name	Subdeployment	Targets
Configure JMS system modules	NOTIFY_DEST_Q	JEUE	Queue	NOTIFY_DEST_QUEUE	FCUBS	FCUBS_JMSServer
 Configure subdeployments in JMS system modules 	New					Showing 1 to 1 of 1 Previous Next
Configure resources for JMS system modules						
System Status						
Health of Running Servers						
Failed (0)						
Critical (0)						
Overloaded (0)						
Warning (0)						
UK (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 r	respective owners.			

The following screen is displayed:

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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 Serve Modules >FCUBS_SystemModule	rs >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 queues, to	opics, templates, and connection factories.
fcubs113_domain Environment Deployments Services	Depending on the type of resource you select, you are prompted to enter basic i factories, distributed queues and topics, foreign servers, and JMS SAP destinatio targetable resources with subdeployments, which is an advanced mechanism for	nformation for oreating the resource. For targetable resources, like stand-alone queues and topics, connection ins, you can also proceed to targeting pages for selecting appropriate server targets. You can also associate grouping JMS module resources and the members to server resources.
	Onnection Factory	Defines a set of connection configuration parameters that are used to create connections for JMS clients. More Info
JMS Modules Path Services BBridges Date Sources	O 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. When infin
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. Now in 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 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	O Foreign Server	Defines foreign messaging providers or remote WebLogic Server instances that are not part of the current domain. More Info
Configure confine tool (actories 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
Fealth 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 quice or topic n a remote servir instance or dates that imported hole fixed dates or experi instance, so that the local server instance or dates can seed messages to the remote server restance or dataser. Were share that
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2. Select 'Connection Factory'. Click 'New'.

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	Administration Console		Q
Change Center	🔒 Home Log Out Preferences 🔤 Recor	d Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLE	XTEST.WORLD >Summary of JMS Servers >Summary of JDBC D	ata 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 Reso	burce	
	Back Next Finish Cancel		
Release Configuration	Connection Factory Properties		
	The following properties will be used to ide	ntify your new connection factory. The current module is FCU	BS_SystemModule.
Domain Structure	* Indicates required fields		
fcubs113_domain			
Environment	What would you like to name your new conr	nection factory?	
P-Services			
	* Name:	NotifyDestQCF	
···Store-and-Forward Agents	What JNDI Name would you like to use to lo	ok up your new connection factory?	
JMS Modules	1		
In Path Services In Bridges	JNDI Name:	NotifyDestQCF	
Data Sources Persistent Stores	The Connection Factory Subscription Sharin	g Policy Subscribers can be used to control which subscribers	can access new subscriptions. Should subscriptions created using this factory be sharable?
Foreign JNDI Providers Work Contexts	Subscription Sharing Policy:	Exclusive V	
How do L Configure quotas for destinations	The Client ID Policy indicates whether more Subscriptions created with different Client II	than one JMS connection can use the same Client ID. Oracle o D policies are always treated as independent subscriptions. W	ecommends setting the Client ID policy to Unrestricted if sharing durable subscribers. hat Client ID Policy would you like to use?
Configure JMS templates Configure destination keys	Client ID Policy:	Restricted	
Configure topics Configure queues	A connection factory can limit the number of	f messages that can queued for an asynchronous session. Sh	ould this connection factory impose a limit?
Configure connection factories	Maximum Messages per Session		
Configure uniform distributed topics		10	
 Configure uniform distributed gueues 	Charded this second ten factory seconds area	and think one TTA surgery and searche VA surgery and VA basiss?	
Configure foreign servers	ariuulo this connection factory create sessio	It's unallare JTH aware, and create XH queues and XA topics?	
Configure JMS SAF	V XA Connection Factory Enabled		
System Status	Back Next Finish Cancel		
Health of Running Servers			
Failed (0)			
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Chicklended (0)			
Gvenbaded (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:

Change Cetter Weblogies Server* Weblogies Centred Weblogies Connected to: (Columb 12), domain Were changes and restarts There is top 2004. Preference ISP Record Heb Webomery of JMS Servers 3/87 Weblogies Configuration There is top 2004. Preference ISP Record Heb Webomery of JMS Servers 3/87 Weblogies Configuration There isponse of the concent for the	🚖 🏘 🌈 Create a New JMS System Module R	esource - fcubs11	🏠 🔹 🔚 👻 🖶 Bage 🔹 🎯 Tgols 🗸 🎽
Change Center Very danges and restarts Prophoging danges		Administration Console	Q 🏫
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Bencimicant Debuloyments Debuloyments Debuloyments Debuloyments Debuloyments Debuloyments Definition The following JMG module targets will be used as the default targets for your new JMS system module resource. If the module's targets are changed, this resource will also be retargeted appropriately. Targets: Targets: Targets: Targets: Targets: Debuloyment Debuloyments Debuloymen	No pending changes exit. Click the Release Configuration button to allow others to edit the domain. Lock & Edit Release Configuration Domain Structure Cubel 11_domain	Create a New JHS System Hodule Resource Back Final Advanced Targeting Cancel The following properties will be used to target your new JHS system modu Use this ways to keen and accept the default targets where the JMS resource will be to accept the default targets, then dix Advanced Targeting to use the subdeployment	le resource geted. The default targets are based on the parent 3MS system module targets. If you do not want to mechanism for targeting this resource.
How do L Image: Configure quotes for destinations • Configure 2MS trajdiess • Configure 2MS trajdiess • Configure topics • Configure topics • Configure uniform distributed topics	BP-Environment Deployments EP-services GP-researing XtS Serviers XtS Modules XtS Modules XtS Modules XtS Modules Data Sources Parasitant Sirves Parasitant Sirves Paragn JNOI Providers Work Contexts 	The following JMS module targets will be used as the default targets for your new JMS sy approximately. Targets: Servers HanagedServer1 Back, Find Email Advanced Targeting Cancel	stem module resource. If the module's targets are changed, this resource will also be retargeted
Configure 2015 for destinations Configure 2015 and probability Configure 2015 and probability Configure destination keys Configure contextion factories Configure contextion factories Configure uniform distributed topics Configure uniform distributed queues Configure valves Configure 2015 SAP System Status Fale (0) Configure 2015 SAP System Status Configure 2015 SAP	How do I		
	Configure 2014 templates Configure destination keys Configure destination keys Configure outes Configure outes Configure outes Configure outem distributed topics Configure uniform distributed outles Configure VIS SAF System Status Falled (0) Conteal (0) Coverladed (0)		

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

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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 >FCIIPS_SystemModule	DBC 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 Module Resource Back Finah Cancel The following properties will be used to target your new JMS system module resource	rce
Domain Structure fcubs113_domain	Use this page to select a subdeployment to assign this system module resource. A subdeploymen SAF agent. If necessary, you can create a new subdeployment by clicking the Create a New So module's subdeployment management page.	t is a mechanism by which JMS resources are grouped and targeted to a server instance, cluster, or bbdeployment button. You can also reconfigure subdeployment targets later by using the parent
DeploymentsServicesMessaging	Select the subdeployment you want to use. If you select (none), no targeting will occur.	
	Subdeployments: FCUBS Create a New Subdeployment	
Houses Houses Bendges That Services	What targets do you want to assign to this subdeployment? Targets :	
Persistent Stores Foreign JNDI Providers	Servers	
How do I	HanagedServer1	
Configure quotas for destinations Configure JMS templates	JMS Servers	
Configure destination keys Configure topics	FCUBS_JMSServer	
Configure cupies Configure queues Configure connection factories	Back Mext Finish Cancel	
Configure uniform distributed topics Configure uniform distributed queues		
Configure foreign servers Configure JMS SAF		
System Status		
Health of Running Servers		
Failed (0)		
Critical (0)		
Overloaded (0)		
Done		Secal 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®	Administrati	on Console							Ç
ange Center	Home	Log Out Preferences 🔛	Record Hel	þ	٩		Welcome,	weblogic Conne	ected to: fcubs113_doma
ew changes and restarts	Home >Si Modules >	mmary of JDBC Data Souro FCUBS_SystemModule	es >FLEXTEST	F.WORLD >Summa	ary of JMS Servers :	>Summary of JDBC Data Sources >	FLEXTEST.WORLD > Summary of JMS :	Servers >JMS	
nding changes exist. They must be activated take effect.	Messages Conne	ction factory created succ	cessfully.						
 Activate Changes 	Settings f	or FCUBS_SystemModu	ıle						
Undo All Changes	Configur	ation Subdeployments	Targets	Security Not	es				
main Structure	1		-						
ss113_domain Anno Anno Anno Anno Anno Anno Anno An	This pag	e displays general informat	tion about a J	IMS system modul	le and its resource	s. It also allows you to configure	new resources and access existing re	sources.	
Deployments Services	Name:			FCUBS_System	Module		The name of this JMS system mode	le. More Info	
JMS Servers Store-and-Forward Agents	Descript	or File Name:		jms/FCUBS_Sys	temModule-jms.xm	1	The name of the JMS module desc	iptor file. More 1	info
JMS Modules Path Services ED-Bridges Data Sources	This pag destinat	e summarizes the JMS reso on quota, distributed desti	ources that ha inations, fore	ave been created ign servers, and :	for this JMS syste store-and-forward	m module, including queue and to parameters.	opic destinations, connection factories	, JMS templates,	destination sort keys,
IMS Modules 	This pag destinat	e summarizes the JMS reso on quota, distributed dest ize this table	ources that ha inations, fore	ave been created	for this JMS syste store-and-forward	m module, including queue and to parameters.	opic destinations, connection factories	, JMS templates,	destination sort keys,
	This pag destinat	e summarizes the JMS reso on quota, distributed dest ize this table y of Resources	ources that he nations, fore	ave been created	for this JMS syste store-and-forward	m module, including queue and to parameters.	opic destinations, connection factories	, JMS templates,	destination sort keys,
His Modules Path Services Path Services Path Services Present Stores Persistent Stores Persign JNDI Providers Work Contexts w do I	This pag destinat Custon Summa	e summarizes the JMS resc on quota, distributed dest ize this table y of Resources	ources that ha	ave been created	for this JMS syste store-and-forward	m module, including queue and to parameters.	opic destinations, connection factories	s, JMS templates, s Showing 1 t	destination sort keys, o 2 of 2 Previous Next
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- 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	🏠 + 🔝 - 🖶 + 📴 Bage + 🎯 Tgols + 🎽
	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 Modules > FCUBS_SystemModule > NotifyDestQCF > FCUBS_SystemModule > NotifyDestQCF	i Servers >JMS
Pending changes exist. They must be activated to take effect.	Settings for NotifyDestQCF	
Activate Changes	Configuration Subdeployment Notes	
Undo All Changes	General Default Delivery Clent Transactions Flow Control Load Balance Security	
Domain Structure	Save	
fcubs113_domain E-Environment Deployments E-Security	Use this page to define the general configuration parameters for this JMS connection factory, which includes various clie	int connection, default delivery, load balancing, and security parameters.
P-Messaging	de Name: NotifyDestQCF	he name of this JMS connection factory. More Info
Store-and-Forward Agents JMS Modules Path Services	JNDI Name: NotifyDestQCF	The global JNDI name used to look up a connection factory within a clustered NDI namespace. More Info
Bridges Tota Sources Persistent Stores	🗌 🚱 Default Targeting Enabled	pecifies whether this JMS resource defaults to the parent module's targeting r uses the subdeployment targeting mechanism. More Info
Foreign JNDI Providers	- 🖗 Advanced	
the state st	Save	
- Configure connection featuring		
Compute 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 r Oracle is a registered trademark of Oracle Corporation	gins reserved. and/or is affiliate. Other names may be trademarks of their respective owners.	



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

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····································	Path Smodules Path Services Brenidges "Data Sources "Persistent Stores "Foreign JNDI Providers	₩ 65 ×	A Connection	Factory	Enabled				Indicates whether a XA queue ar XA topic connection factory is returned, instead of a queue of topic connection factory. A XA connection factory can be used to create an XAConnecton, which in turn may be used to create an XAGession, which in turn may be used to obtain an XAResource for use inside a transaction manager. More Info
All View Informe constants factories Term Status Term Status Felied (0) Critical	Work Contexts	Save							
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Warning (U)	Critical (0)								
0 (2)	Critical (0) Overloaded (0)								
	Critical (0) Overloaded (0) Warning (0) Overloaded (0)								

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

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

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hange Center fiew changes and restarts						Q
fiew changes and restarts	🙆 Home Log Out Preferences 🔤 Re	cord Help		Q		Welcome, weblogic Connected to: fcubs113_domai
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ending changes exist. They must be activated	Messages		,	ourpoissiger		
Activate Changes	Settings updated successfully.					
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omain Structure	General Default Delivery Client	Transactions	Flow Control	Load Balance	Security	
ubs113_domain 3 Environment Deployments	Save					
3 ⁺ Services ⊕-Messaging →IMS Servers →-Store-and-Forward Agents	Use this page to define the transaction factory is returned, which create sessio	configuration for t ons that are JTA us	this JMS connect ser-transaction a	tion factory. You aware.	can define a tr	ransaction time-out value, and also indicate whether an XA queue or XA topic connection
····JMS Modules ····Path Services ඔ···Bridges	Transaction Timeout:	3600)			The timeout value (in seconds) for all transactions on connections created with this connection factory. More ${\rm Info}\ldots$
Tota Sources Persistent Stores Foreign JNDI Providers Work Contexts	🗹 👸 XA Connection Factory Ena	bled				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 management. More Info.
ow do I Configure connection factories	Save					
ystem Status						
eaith of Running Servers						
Critical (0)						
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Warning (0)						
OK (2)						

- 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	13_domain - WLS	🏠 🔹 🔝 🔹 🖶 🔹 📴 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 >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >J Modules >FCUBS SystemModule >NotifyDestOCF >FCUBS SystemModule >NotifyDestOCF	MS
Click the Lock & Edit button to modify, add or delete items in this domain.	Messages Al changes have been activated. No restarts are necessary.	
Lock & Edit	Califings for Notify DectOCE	
Release Configuration	Sectings for notify Desiger	
Domain Structure	Computation	
fcubs113_domain	General Default Delivery Clent Transactions Flow Control Load Balance Security	
Environment	Click the Lock & Editbutton in the Change Center to modify the settings on this page.	
Services	Save	
E-Messaging		
Store-and-Forward AgentsIMS ModulesIMS Modules	Use this page to define the transaction configuration for this JMS connection factory. You can define a transaction time-out value, factory is returned, which create sessions that are JTA user-transaction aware.	and also indicate whether an XA queue or XA topic connection
-Bridges Data Sources Persistent Stores	Transaction Timeout: 3600 The timeout this connect this connect	value (in seconds) for all transactions on connections created with ion factory. More Info
How do I	Alge XA Connection Factory Enabled Indexteat Production Producti	hether a XA queue or XA topic connection factory is returned, queue or topic connection factory. An XA connection factory can reate an XAConnection, which in turm may be used to create an which in turm may be used to obtain an XAResource for use inside a mannee. Marker Topic
Configure connection factories	a partación	n manager. More into
System Status Health of Running Servers	Click the Lock & Edit button in the Change Center to modify the settings on this page.	
Failed (0)		
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OK (2)		
WebLogic Server Version: 10.3.4.0 Copyright © 1995,2010, Oracle and/or its affiliates. All n Oracle is a registered trademark of Oracle Corporation	rights reserved. a and/or is affinites. Other names may be trademarks of their negoective 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		🟠 🔹 🗟 👘 🖶 Eage = 🎯 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	surces > FLEXTEST.WORLD > Summary of JMS Servers > JMS systemModule > NotifyDestQCF > fcubs113_domain	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Home Page		
Lock & Edit	information and Resources	6 18 C 19	
Release Configuration	Configure applications	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
Tota Sources	Clusters	 Path Services 	Log Files
Enreign INDI Providers	Virtual Hosts	 Bridges 	Diagnostic Modules
Work Contexts	Migratable Targets	Data Sources	Diagnostic Images
Herrida T	Coherence Servers	 Persistent Stores 	Request Performance
HOW 00 1	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
	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. a and/or its affiliates. Other names may be trademarks of their server		
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The following screen is displayed:

	-		
ACLE WebLogic Server"	Administration Console		
Center	💼 Home Log Out Preferences 🚵 Record Help	Q	Welcome, weblogic Connected to: fcubs113_don
anges and restarts	Home >Summary of JMS Servers >Summary of JDBC Da Modules >FCUBS_SystemModule >NotifyDestQCF >FCU	a Sources >FLEXTEST.WORLD >Summary of JMS Ser BS_SystemModule >NotifyDestQCF >fcubs113_dom?	rvers >JMS ain
ng changes exist. Click the Release ation button to allow others to edit the	Settings for fcubs113_domain		
	Configuration Monitoring Control Security	Web Service Security Notes	
Lock & Edit	Concercil ITA 10A Eller Web Applications	Longing Log Elfare	
Release Configuration	General STA SPA ESS THEO Applications	Logging Log mens	
Stausture	Save		
3 domain			
onment	A domain is a collection of WebLogic Server instances domain.	s that is managed by a single Administration Server.	. Use this page to configure administrative options that apply to all servers in the current
yments			
essaging	* Indicates required fields		
····JMS Servers ····Store-and-Forward Agents	* Hames	fa hatt2 damaia	The same of this Webl aris Course downin Mars Tafa
JMS Modules	- name:	rcubs113_domain	The name of this weblogic Server domain. More Into
Path Services	Enable Administration Port		Specifies whether the domain-wide administration port should be enabled for
ata Sources			enabling the administration port requires that SSL must be configured for all
ersistent Stores			servers in the domain. More Info
oreign JNDI Providers	Administration Port:		
			(Requires you to enable the administration port.) More Info
a Canada anafaranan	🚯 Production Mode:	true	Specifies whether all servers in this domain run in production mode. Once
e console preferences une the domain-wide administration port			enabled, this can only be disabled in the admin server startup command line. More Info
e configuration files			
the Console	🔲 👍 Enable Exalogic Optimizations		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
Status			"Enabling Exalogic-Specific Enhancements in Oracle WebLogic Server 11g
Running Servers			Release 1 (10.3.4) In the Oracle Exalogic Deployment Guide. More Into
Failed (0)	🔲 륝 Enable Cluster Constraints		Specifies that deployments targeted to a cluster succeed only if all servers in
Critical (0)			the cluster are running. More 1010
Overloaded (0)	🔽 🚜 Enable on-demand deployment of inte	rnal applications	Specifies whether internal applications such as the console, uddi, wistestclien
Warning (0)			and uddiexplorer are deployed on demand (first access) instead of during server startup. More Info
OK (2)			Consider whether the Consider America dealayed when starting arranges in th
	🗌 🕂 Enable Oracle Guardian Agent		openings whether the Guardian Agent is deployed when starting servers in th current domain. More Info
	- 🖗 Advanced		

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

🚖 🕸 🍘 Settings for fcubs113_domain - fcubs1	113_domain - W	🏠 🔹 🔂 🐘 🔂 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 >JMS Modules >FCUBS_SystemModule >NotifyDestQCF Sessions >fcubs113_domain	>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 & Edit button in the Change Center to modify the settings on this page.	
fcubs113_domain Fenvironment	Save	
B-Services B-Messaging	Use this page to define the domain-wide Web application configuration settings.	
	🗌 🔞 Relogin Enabled	Beginning with the 9.0 release the FORMBASIC authentication behavior has been motified to confine structly to the Jazze specification. If a use has logged-in but does not have privileges to access a resource, the 403 (PORBICDE) page will be returned. Turn this flag on to enable the old behavior, which was to return the user to the login form. More Info
Persistent Stores Proreign 2NDI Providers Proven 2NDI Providers W How do L. Deploy Web applications Stop deployed Web applications Databal Web and/antoine	🗌 🚓 Allow All Roles	In the security-constraints elements defined in a Web application's web.xml deployment decorptor, the auth-constraint element indicates the user roles that should be permitted access to this resource collection. Here note-more = "" is a compact syntax for indicating al roles in the Web application. In the realm, This parameter is a badraward-compatibility switch to restore did behavior. Default behavior is one required by the spec, meaning al roles defined in the web application. Test, the value defined in adjustment (container-descriptor > allow-all-roles) takes precedence (if set) over this value. Were Info
Update run-time descriptors Update run-time descriptors System Status Health of Running Servers Ealed (1)	🗌 🔊 Filter Disputched Requests	Indicates whether or not to apply filters to dispatched requests. This is a backward compatibility flag. Lintil version 8.1, Velckopic Server applied ServiciFiters (if configured for the Velckappication) on request dispatches (and incides/fyrmardy). Servlet 2.4 has introduced the Tospatcher' element to make this behavior explicit. The default value is Tospatcher' element order to be complaint with the JZE specification, the default value for FilterSolatchesRequestEndbed is falte behavior explicit.
Critical (0) Overloaded (0) Warning (0) OK (2)	Instel (0) Note that if you are using old decrotors (meaning we reason 2-4), then Vieta, old accrotors (meaning we reason 2-4), then Vieta, old accretors (meaning we reason 2-4), the Vieta, old accretors (meaning we reason 2-4), then Vieta, old accretors (meaning we reason 2-4), the	
]	Overload Protection Enabled	This parameter is used to enable ovorload protection in the velocap container scalars for memory conducts. When all own memory saturation occurs, new session creation attempts will reach a low memory saturation occurs, new webligscenvels.55esson/catorbicxcpcbn. The application occurs needs to catch the exception and take proper action. Alternatively appropriate error- pages can be configured in web, and gainst
Done		Succal 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 - fcubs	113_domain - W	🟠 🔹 🗟 🔹 🔂 Page + 🎯 T <u>o</u> ols +
	Http Trace Support Enabled	Returns the value of HttpTraceSupportEnabled. More Info
	UvebLogic Plugin Enabled	Specifies whether or not the proprietary WL-Proxy-Client-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
	\bigtriangledown $d_{\rm E}^{\rm E}$ 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	Induction whether the sension TD devial include 3 MR information. (Clickeling this how may be necessary when using UR, rewriting with VRB devices that limit the size of the URL to 128 characters, and may also affect the use of the URL will be set at \$2 characters, and it will not contain any special characters.
	Post Timeout: 30	The amount of time this server walts 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 $\mbox{More Info}\dots$
	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
	😰 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
	JSP Compiler Backwards Compatible	Global property to determine the behavior of the JSP compiler. When this property set to "true", the J3P compiler throws a translation error for J3Ps that do not conform to the J32P J apecification. 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 ppyright © 1996,2010, Oracle and/or its affiliates. All riy racis is a registered trademark of Oracle Corporation a	n Marka reserved. Jord is affiliate. 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	🏠 🔹 🗟 👘 🖶 🖓 Bage 🔹 🎯 Tigols 🔹 🎽
	Administration Console	Q 🍝
Change Center	🔒 Hame Log 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 >NotifyDeatQCF >FCUBS SystemModule >NotifyDeatQCF >fcubs113 domain	
Pending changes exist. They must be activated to take effect.	Messages	
Activate Changes	Settings updated successfully.	
Lindo All Changes	Settings for fcubs113_domain	
	Configuration Monitoring Control Security Web Service Security Notes	E
Domain Structure	General JTA JPA EJBs Web Applications Logging Log Filters	
tcubs113_domain	Save	
Deployments		
⊡-Messaging JMS Servers	Use this page to define the domain-wide Web application configuration settings.	
Store-and-Forward AgentsJMS ModulesJMS 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 logged in but does not have privilege to access a resource, the 403 (FORBIDEN) page will be returned. Turn the flag on to erable the old behavior, which was to return the user to the login form
How do I	🗌 🤀 Allow All Roles	In the security-constraints elements defined in a Web application's web.xml deployment descriptor, the auth-constraint element indicates the user roles that should be permitted access to this resource colection. Here role-name = "" is a compact syntax for indicating al roles in the Web application. In previous releases, role-name = "" was trated as al users/oles defined in
Deploy Web applications Stop deployed Web applications Delete Web applications Update run-time descriptors		the realm. This parameter is a backward-compatibility switch to restore old behavior. Default behavior is one required by the spec, meaning all roles defined in the web application. If set, the value defined in weblogic.xml (container-descriptor >> allow-all-roles) takes precedence (if set) over this value. More Info
System Status	🗌 💰 Filter Dispatched Requests	Indicates whether or not to apply filters to dispatched requests. This is a backward compatibility flag. Until version 3.1, WebLogic Server applied ServleFilters (frondigued for the Web application) on recuest dispatches (and indudes/forwardd). Servlet 2.4 has introduced the "Dispatcher" element to make the backward weblicht. The Ardeniu Value in Dispatcher" element Dispatcher backward weblicht.
Failed (0) Critical (0) Overloaded (0) Warning (0) OK (2)		order to be complexit with the ZEE specification, the default value for FIBE/DapatcheckequesselEstability of late beginning with Weblacy Esreve 9.0. Note that if you are using add descriptors (Interning web xwill does not have FIBE/DapatcheckequesselEstability of two for the Weblacketanon, unless filter-dapatcheck-requests-malibed is explicitly set to failse in weblagic.wit. This means that daplactations will work free without approximation. Additionally, during implation of did domaries to the 5.0 domain, the impration Judges automatically sets this flags to hume. We tail him.
	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 webiogic servict.Session/CreationException. The application code needs to catch this exception and take proper action. Alternatively appropriate error-
Done		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'.

nge Center	Home Log Out Preferences A Record I	Help	Welcome, weblogic Connected to: fcubs113_dom
v changes and restarts	Home >Summary of JDBC Data Sources >FLEXT Modules >FCUBS_SystemModule >NotifyDestQC	EST.WORLD >Summary of JMS Servers >JMS F >FCUBS_SystemModule >NotifyDestQCF >fcubs113_don	nain >Summary of Mail Sessions
the Lock & Edit button to modify, add or te items in this domain.	Summary of Mail Sessions		
Lock & Edit			
Release Configuration	Mail sessions facilitate the process of using the Protocol (SMTP)-capable mail servers on your	e JavaMail APIs, which provide applications and other J network or the Internet.	IZEE modules with access to Internet Message Access Protocol (IMAP) - and Simple Mail Transfer
ain Structure	This page summarizes the mail sessions that h	nave been configured in the current WebLogic Server do	omain.
-Messaging			
JMS Servers	Customize this table		
	Mail Sessions		
Path Services	Click the Lock & Edit button in the Change C	enter to activate all the buttons on this page.	
Itti-Bridges			
-Persistent Stores	New Clone Delete		Showing 0 to 0 of 0 Previous Next
Foreign JNDI Providers Work Contexts	🔲 Name 🗇	Properties	JNDI Name
"XML Registries		There are no item	ne to dienlay
····XML Entity Caches ····COM	Neur Clease Delete		Charles 0 to 0.50 Provide a Line
Mail Sessions			Showing 0 to 0 or 0 Previous Next
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nfigure access to JavaMail			
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lete mail sessions			
am Statue			
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	. All rights reserved.		



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

🚖 🎄 🍘 Summary of Mail Sessions - foubs113	3_domain - WLS C		🟠 🔹 🔝 👘 🖶 Egge + 🎲 Tgols +
ORACLE WebLogic Server®	Administration 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.WO Modules >FCUBS_SystemModule >NotifyDestQCF >FCU	JRLD >Summary of JMS Servers >JMS JBS_SystemModule >NotifyDestQCF >fcubs113_dc	main >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 Javai Protocol (SMTP)-capable mail servers on your networ	Mail APIs, which provide applications and other rk or the Internet.	: JZEE modules with access to Internet Message Access Protocol (IMAP)- and Simple Mail Transfer
Domain Structure	This page summarizes the mail sessions that have be	en configured in the current WebLogic Server of	domain.
Hessaging Hits Servers "Store-and-Forward Agents "JNS Modules "Path Services Breinges	Customize this table Mail Sessions Click the Lock & Editbutton in the Change Center to	to activate all the buttons on this page.	
Data Sources	New Clone Delete		Showing 0 to 0 of 0 Previous Next
Foreign JNDI Providers Work Contexts	🗌 Name 🔅	Properties	JNDI Name
····XML Registries ····XML Entity Caches		There are no ite	ems to display
Mail Sessions	New Clone Delete		Showing 0 to 0 of 0 Previous Next
How do I			
Configure access to JavaMail			
Target mail sessions Delete mail sessions			
System Status			
Field (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 affiliates. Other names may be trademarks of their n	espective owners.	

11. Following screen is displayed.

OPRACLE WebLogic Server® Administration Console Change Center Wew changes and restarts Income Control (Console (C	🔄 🔹 🔝 🕤 🖶 🔹 🔂 Eage 🔹 🎯 Took
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Image: Sources Interview Image: Sources Image: Sources	
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Force are no items to display There are no items to display	
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Critical (0) Overlaaded (0) Warming (0)	
Overbaded (0) Werning (0)	
Warning (0)	
Warning (0)	
ok (2)	
VebLogic Server Version: 10.3.4.0	



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

🚖 🎄 🌈 Create a New Mail Session - fcubs11	13_domain - WLS		🟠 🔹 🔝 🕤 🖶 👻 🔂 Bage 🕶 🎯 Tools 🔹 🎽
	Administration Console		Q
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	<u> </u>	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.W Modules >FCUBS_SystemModule >NotifyDestQCF >FC	VORLD >Summary of JMS Servers >JMS CUBS_SystemModule >NotifyDestQCF >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 Back Next Finish Cancel		
Release Configuration	Mail Session Properties The following property will be used to identify your	new mail session.	
Domain Structure	* Indicates required fields		
B-Environment Deployments	What would you like to name your new mail session?		
-Services -Messaging -MS Servers -MS Servers	* Name: F	CUBSMailSession	
JMS Modules	n 👸 * JNDI Name: r	nail/FCUBSMail	
"Dridges "Data Sources "Persistent Stores "Foreign JNDI Providers "Work Contexts	d: JavaNail Properties: mail.host=stbeehive.oracle.com mail.smtps.debug=true mail.smtps.pott=smtps mail.smtps.auth=true		
How do L	mail: Swepsthose Sebechive. Side		
Configure access to JavaMail Target mail sessions	Back Next Finish Cancel		
System Status			
Health of Running Servers			
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Overloaded (0)			
Warning (0)			
ОК (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. 1 and/or its affiliates. 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	13_domain - WLS		🟠 👻 🗟 🕐 🖶 Page 🕶 🎯 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 Modules >FCUBS_SystemModule >NotifyDestQCF >FCU	RLD >Summary of JMS Servers >JMS BS_SystemModule >NotifyDestQCF >fcubs113_dom	ain >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	This page indicates on which WebLogic Server instan session.	ces or clusters the mail session is accessible. Only	y applications that have been deployed to the selected servers or clusters can use this mail
Brenvices	When you target all or part of a duster, the Administ fails for all active servers.	ration Console initiates a two-phase deployment	. In general, such a deployment ensures that if the deployment fails for one active server, it
	Servers AdminServer		
i → Path Services	ManagedServer1		
Foreign JNDI Providers	Back Next Finish Cancel		
How do I 😑			
Configure access to JavaMai Target mail accesses			
• Target mail sessions			
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Health of Running Servers			
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Critical (0)			
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ок (2)			
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 re	espective owners.	

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

¹ '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 - fcubs	s113_domain - WLS C	🏠 🔹 🔂 🐇 🖶 2age 🗸 🎯 T <u>o</u> ols -
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Change Center	🏠 Home Log Out Preferences 🔛 Record Help	Welcome, weblogic Connected to: fcubs113_domain
iew changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS Modules >FCUBS SystemModule >NotifyDeatOCF >FCUBS SystemModule >NotifyDeatOCF >fcubs113 domain >Summa	rv of Mail Sessions
ending changes exist. They must be activated	Messages	,
Activate Changes	Mail session created successfully.	
Undo All Changes	Summary of Mail Sessions	
main Structure Hessoging Mis Servers Mis Servers Mis Modules Path Services Bendges Mathematical Services Hessignes	Mail sessions facilitate the process of using the JavaMail APIs, which provide applications and other J2EE modules Protocol (SMTP)-capable mail servers on your network of the Unternet. This page summarizes the mail sessions that have been configured in the current WebLogic Server doman.	with access to Internet Message Access Protocol (IMAP)- and Simple Mail Transfer
Persistent Stores	New Cone Delete	Chause 1 to 1 of 1. Dravieur Next
Foreign JNDI Providers Work Contexts		Showing to for Freedos Freek
ML Registries	- Name 🔅 Properties	JNDI Name
jCOM	FCUBSMailSession mail.smtps.auth=true mail.smtps.port=smtps mail.smtps.host=stbeehive.orade.com	mail.smtps.debug=true mail.host=stbeehive.orade.com mail/PCUBSMail
Mail Sessions	New Clone Delete	Showing 1 to 1 of 1 Previous Next
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WebLogic Server Version: 10.3.4.0 Copyright © 1996,2010, Oracle and/or its affiliates. Oracle is a registered trademark of Oracle Corpora	. Al rights reserved. ston and/or is affinites. Other names may be trademarks of their respective owners.	

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).





Weblogic Configuration [December] [2023] Version 14.7.3.0.0

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