Oracle® Banking Trade Finance Weblogic Configuration



Release 14.8.0.0.0 G29256-01 April 2025

ORACLE

Oracle Banking Trade Finance Weblogic Configuration, Release 14.8.0.0.0

G29256-01

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Preface

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Purpose

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

Audience

This guide is intended for anyone responsible for installing Oracle Banking Application.

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Conventions

The following text conventions are used in this document:

Convention	n Meaning	
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text.	
<i>italic</i> Italic type indicates book titles, emphasis, or placeholder var which you supply particular values.		
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.	

Related Resources

For more information, see these Oracle Banking Trade Finance resources:

- Oracle Banking Trade Finance Release Notes
- Oracle Banking Trade Finance Install & Upgrade

Screenshot Disclaimer

Personal information used in the interface or documents is dummy and does not exist in the real world. It is only for reference purposes.



1 CONFIGURING SSL ON ORACLE WEBLOGIC

1.1 Introduction

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

1.2 Setting up SSL on Oracle Weblogic

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

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

 Creation of Self-signed Certificate This topic explains creation of Self-signed Certificate.

3.1.1 Creation of Self-signed Certificate

This topic explains 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 1024 -sigalg SHA1withRSA -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.
- 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 1024 or more is recommended. Please consult with your CA on the key size support for different types of certificates.
- 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.
- 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:

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.



- 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.
- 3. First and Last Name (CN): Enter the domain name of the machine used to access Oracle Banking Trade Finance, for instance, www.example.com
- 4. 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.
- 5. 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.
- 6. 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.
- Two-letter Country Code for this Unit: The country in which your organization is physically located, for example US, UK, IN etc.

Example

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

D:\Oracle\weblogicllg\jrockit_160_05_R27.6.2-20\bin>keytool genkeypair -alias cvrhp0729 -keyalg RSA -keysize 1024 -sigalg
SHAlwithRSA -validity 365 -keystore D:\keystores\FCUBSKeyStore.jks
Re-enter new password:<Confirm the password keyed above>
What is your first and last name?
[Unknown]: cvrhp0729.i-flex.com
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.i-flex.com, 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 Topic

Enter a short description of your topic here (optional).

This is the start of your topic.

- Topic Enter a short description of your topic here (optional).
- Topic Enter a short description of your topic here (optional).
- Obtaining Trusted Certificate from CA
- Topic Enter a short description of your topic here (optional).

3.2.1 Topic

Enter a short description of your topic here (optional).

This is the start of your topic.

3.2.2 Topic

Enter a short description of your topic here (optional).

This is the start of your topic.

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 Topic

Enter a short description of your topic here (optional).

This is the start of your topic.



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



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

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

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

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



5

SETTING SSL ATTRIBUTES FOR MANAGED SERVERS

5.1 Setting SSL Attributes for Private Key Alias and 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.
- 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'.
- 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 Banking Trade Finance 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 FCUBS 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.

- Creating Data Source
- JMS Server Creation
- JMS Modules Creation
- Subdeployment Creation
- JMS Queue Creation
- JMS Connection Factory Creation

7.2.1 Creating Data Source

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

- Prerequisites
- XA Enabled Data Source
- Non-XA Enabled Data Source

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	https://www.oracle.com/ database/technologies/instant- client/downloads.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.

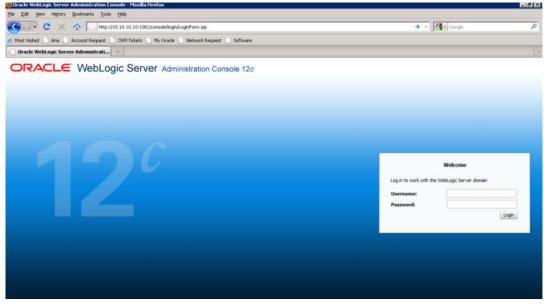
- Ensure that the ojdbc*.jar file in {WL_HOME}/server/lib/ojdbc*.jar is the same as the file {ORACLE_HOME}/jdbc/lib/ojdbc*.jar. This is required for ensuring compatibility.
- Update PATH in StartWebLogic.bat or in setDomainEnv.bat. This must be the path of directory where Oracle Instant Client is installed.
- 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

Follow the steps given below:

1. Start the Administrative Console of Weblogic application server. You can start this by entering Oracle Weblogic Admin Console URL in the address bar in an internet browser. http://10.10.10.10.1001/console

Eg: http://10.10.10.10:1001/console



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



3. Navigate to Oracle Weblogic home page.

🔾 💽 + 🙋 http://10.184.74.143:8888/ci	nsole/console.portal?_nfpb=true&_pageLabel=HomePage1		🖌 🛃 🗶 Google Powered Pandon Search 🛛 👂
Ve Edit View Favorites Tools Help Michael ·			
🕈 🔗 🌈 Home Page - fcubs113_domain - V	ALS Console		🂁 • 🔝 - 📾 • 🔂 Bage • 🎯 Tgols •
	Administration Console		<u>Q</u>
Change Center	🏚 Home Log Out Preferences 🖾 Record Help	9	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home		
Click the Lock & Edit button to modify, add or	Home Page		
delete items in this domain.	- Information and Resources		
Lock & Edit	Helpful Tools	General Information	
	Configure applications	Common Administration Task Descriptions	
	Configure GridLink for RAC Data Source	 Read the documentation 	
Domain Structure	Recent Task Status	 Ask a question on My Oracle Support 	
foubs113_domain Brenvironment	 Set your console preferences 	Oracle Guardian Overview	
Deployments	- Domain Configurations		
Services Security Realms			
Brinteroperability	Domain	Services	Interoperability
Diagnostics	Domain	Messaging MS Servers	WTC Servers
		 Store-and-Forward Agents 	Joit Connection Pools
	Environment	 JMS Modules 	Discourties
	Servers	 Path Services 	Diagnostics
	Clusters Virtual Hosts	 Bridges 	Log Files Diagnostic Modules
		Data Sources	
	Migratable Targets Coherence Servers	Persistent Stores	Diagnostic Images Reguest Performance
How do L. 🗄	Coherence Ousters	XML Registries	Archives
Search the configuration	Machines	XML Entity Caches	Context
Use the Change Center	Work Managers	Foreign JNDI Providers	• 50P
 Record WLST Scripts 	Startup And Shutdown Classes	Work Contexts	
Change Console preferences		• ICOM	Charts and Graphs
Monitor servers	Your Deployed Resources	Mal Sessions	Monitoring Dashboard
Sustan Status	 Deployments 	Fiet3	
System Status		• ЛА	
Health of Running Servers	Your Application's Security Settings		
Failed (0)	Security Realms		
Critical (0)			
Overloaded (0)			
Warning (0)			
OK (2)			

Click 'LOCK & EDIT'. Following screen is displayed:

	s displayed:		
Summary of JDBC Data Sources - fcubs	113_domain - WLS Console - Win	dows Internet Explorer	
 http://10.184.74.143:8888/core 	sole/console.portal?_nfpb=true&_pageLab	el=http://10.184.74.143:88888/console/console.portal?_nfpb=true8_pageL	abel-GlobalJDBCDataSourc 💌 😚 🔀 Google Powered Pandion Search 📃 🔎
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iew changes and restarts	Home >Summary of JDBC Data Source	ces	
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Lock & Edt	Configuration Monitoring		
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XML Entity Caches 	PCU85113Branch	Generic jdbc/fcjdevDSBranch	ManagedServer 1
Mai Sessions	New V		Showing 1 to 2 of 2 Previous Next
ow do L. 🗉			
Create 3DBC GridLink data sources			



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

Summary of JDBC Data Sources - fcul	bs113_domain - WLS Console - Wine	lows Internet Explorer		
• 🔊 http://10.184.74.143:8888/c	onsole/console.portal?_n/pb=true8_pageLab	el=http://10.184.74.143:88888/console/c	console.portal?_nfpb=true&_pageLabel=G	lobalDBCDstaSourc 🛩 😝 🗙 Google Powered Pandon Search 🛛 🔎
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hange Center	Home Log Out Preferences 🔤 R	ecord Help	k	Welcome, weblogic Connected to: fcubs113_domain
iew changes and restarts	Home >Summary of JDBC Data Source	8		
pending changes exist. Click the Release	Summary of JDBC Data Sources			
onfiguration button to allow others to edit the omain.	Configuration Monitoring			
	A 1780 data source is an object hour	d to the 1207 tree that provider databas	a consectuity through a road of 1780 con	mections. Applications can look up a data source on the JNDI tree and then
Release Configuration	borrow a database connection from a		at contracting an output to poor of score con	
omain Structure	This page summarizes the JDBC data	source objects that have been created in	n this domain.	
los113_domain				
Environment	Customize this table			
Deployments	P Cuscomize this table			
Services	Data Sources (Filtered - Hore Co	lumns Exist)		
III Messaging				
Data Sources	New - Delete			Showing 1 to 2 of 2 Previous Next
Persistent Stores Foreign JNDI Providers	Generic Data Source		JIDI Name	Targets
Work Contexts	GridLink Data Source	Туре	July name	Targets
XML Registries	Multi Data Source	Generic	tdbc/fcidevDS	ManagedServer1
XML Entity Caches	Post della sola de			
усом	FCUBS113Branch	Generic	jdbc/fcjdevDSBranch	ManagedServer1
Mail Sessions Fie T3	New - Dente			
				Showing 1 to 2 of 2 Previous Next
w do L_				
Create 3DBC generic data sources				
Create 308C GridLink data sources				
Create 306C multi data sources				
Delete JDBC data sources				
Delete JDBC multi data sources				
	1			
stem Status	1			
alth of Running Servers				
	1			
Faled (0)				
Critical (0)				
Overloaded (0)				
Warning (0)				
OK (2)				

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

C Create a New JDBC Data Source - fcu	bs113_domain - WLS Console - Windows Internet Explore				
🚱 🕤 👻 http://10.184.74.143:8888/c	onsole/console.portal?CreateGlobalDDBCDataSourcePortletreturnTo=Glob	IDBCDataSourceTablePage&GlobalDDBCDataS	iourceTablePortlethandle=c 💌 😝 🗙 Google Powered Pandion Search 🛛 👂		
Ele Edit Yew Favorites Iools Help • McAfee .					
🚖 🔅 🌈 Create a New JDBC Data Source	fcubs113_domain		💁 • 🔯 🐇 🖶 • 🔂 Eage • 🎯 Tgols •		
	Administration Console		Q		
Change Center	A 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. Liber & Eat Release Configuration	Create a New JDBC Data Source Birst Friend Cancel JDBC Data Source Properties The following properties II be used to identify your new JDBC data	ta source.			
Domain Structure	* Indicates required fields				
fabrill Johnann = Pothorsment Deforments Distances Descurs Potessterni Potessternis Potessterni Potessternis Potesstern	What would you like to name your new 208C data source?				
- XAL Entry Caches - SCAL Entry Caches - SCAL - Mail Sessions - Frie T3 How do L_					
Create JDBC generic data sources Create LLR-enabled JDBC data sources	What database type would you like to select? Database Type:				
Gurteen Status	Oracle	1			
System Status E Health of Running Servers	Earce Next Frish Cancel				
Faled (0)					
Critical (0)					
Overloaded (0)					
Warning (0)					
OK (2)					

7. Specify the following details:

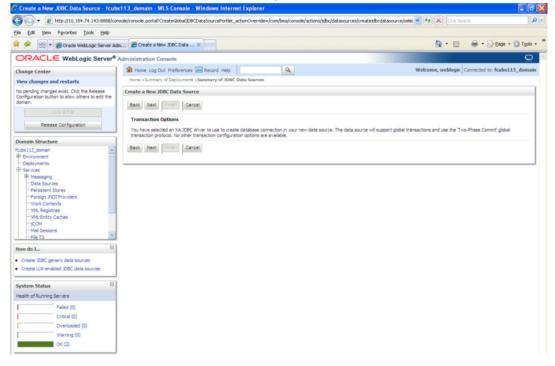
JDBC Datasource Name	Name of the data source
JNDI Name	JNDI name which will be used for lookup



	Database Type	Type of the database which is Oracle				
8.	Click 'Next'. The following scre	een is displayed:				
	Home Lag Out Preferences @ Recent Holp Welcome, weblogic Connected to: FCL411 Inter-Schemary of DireCo. Schemary of DireCo. Schemary Kent Schemary of DireCo. Schemary Kent Schemary of DireCo. Sect. Heal Premi Cancel					
	30BC Data Source Properties The following properties will be used to identify your new 20BC data source.					
	Database Type: Oracle					
	What database driver would you like to use to create database connections? Note: * indicates that the driver is explicitly supported by Oracle WebLagic Server.					
	Database Driver: Oracle's Dr	Driver (Thin XA) for Service connections; Versions:Any				
	Back Next Firsh Cancel					

Click next.

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





10. Specify the Database Name, Host Name, Port of the database server to connect, Database User Name and Password. Confirm the password.

Create a New JDBC Data Source - fcul	bs113_domain - WLS Console - Windows Intern	net Explorer	
🔆 🕑 🗣 🙋 http://10.184.74.143:68888/cc	nsole/console.portal?CreateGlobal3DBCDataSourcePortlet_	actionOverride=/com/bea/console/actions/jdbc/datasources/	createjdbcdatasource/addt 💌 😝 🔀 Google Powered Pandion Search 🛛 🔎 🍨
Ele Edit Yew Favorites Icols Help McAfec /			
🛊 🔅 🌈 Create a New JDBC Data Source -	fcubs113_domain		💁 • 🔝 - 👼 • 🔂 Eage • 🎯 Tgols • 🏅
	Administration Console		Q
Change Center	🙆 Home Log Out Preferences 🔤 Record Help	9	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >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 Fright 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	What is the name or IP address of the database service	er?	
Data Sources Persistent Stores	Host Name:	10.10.10	
Work Contexts	What is the port on the database server used to con	nect to the database?	
XML Entity Caches 	Port:	1010	
Mail Sessions Fie T3	What database account user name do you want to u	se to create database connections?	
How do L.	Database User Name:	FCPB1121	
Create JDBC generic data sources Create LLR-enabled JDBC data sources	What is the database account password to use to cre	eate database connections?	
System Status	Password:	•••••	
Health of Running Servers	Confirm Password:		
Faled (0)			
Critical (0)	Back Next Front Cancel		
Overloaded (0)			
Warning (0)			
OK (2)	1		

11. Click 'Next'.

The following screen is displayed.

Create a New JDBC Data Source - DefaultDo	main - WLS Console - Windows Internet E	xplorer and a second		- 0 -×
C	e/console.portal?CreateGlobaUDBCDataSou	rcePortlet_actionOverride=/com/bea/console/actions/jdbc/datasources/cr	🔹 😥 🍫 🗙 🔀 Google	ρ- 9
X O McAfee'				
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Create a New JDBC Data Source - DefaultDo	omain		🏠 • 🔯 • 🖾 👼 • Page • S	jafety 🕶 T <u>o</u> ols 🕶 🔞 👻
	Administration Console			Q
Change Center	🏠 Home Log Out Preferences 🔤 Rec	ord Help	Welcome, weblogic Come	cted to: DefaultDomain
View changes and restarts	Home >Summary of JDBC Data Sources			
Configuration editing is enabled. Future	Create a New JDBC Data Source			
changes will automatically be activated as you modify, add or delete items in this domain.	Test Configuration Back Next	Finish Cancel		
Domain Structure	Test Database Connection			
DefaultDomain *	Test the database availability and the co	nnection properties you provided.		
Deployments	What is the full package name of IDBC dri	ver class used to create database connections in the connection pool?		
Services B-Messaging O-108C		classpath of any server to which it is deployed.)		
Data Sources Multi Data Sources Data Source Factories	Driver Class Name:	oracle.jdbc.OracleDriver		
-Persistent Stores Foreign JNDI Providers	What is the URL of the database to conne	ect to? The format of the URL varies by JDBC driver.		
Coherence Clusters Work Contexts Will Registries	URL:	jdbc.oracle.thin@10.10.10		
How do L	What database account user name do you	u 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	o use to create database connections?		
System Status	Qiote: for secure password management,	enter the password in the Password field instead of the Properties field below)		
Health of Running Servers	Password:			
Faled (0) Critical (0)				
Overloaded (0)	Confirm Password:	•••••		
Warning (0) OK (1)	What are the properties to pass to the JD	BC driver when creating database connections?		
	Properties:			
	user=FCPB1121			
	What table name or SQL statement would	you like to use to test database connections?		
	test fable lame			1.5

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



- 14. jdbc:oracle:thin:@10.10.10.10.101</NSTANCE_NAME>Specify the Database Username (Eg: FCPB1121) and password.
- **15.** Confirm the password.
- Click 'Test Configuration' tab. If the connection is established successfully, the message 'Connection test succeeded' is displayed.

ORACLE WebLogic Server® Administration Console	le Edit Yew Favorites Tools Help				
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Hessages Specing stanges Look & Gare Exclusion butting to allow one to be to a to any one	Change Center	Ame Log Out Preferences 🗠 Record Help	9	Welcome, weblogic Connected to: fcubs113_dom	aain
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Domain Structure Test the database availability and the connection properties you provided. If Environment Test the database availability and the connection properties you provided. If Environment Obtained with a the full package name of ZDEC driver class used to create database connections in the connection poo? If Environment Obtained with a database availability and the connection properties you provided. If Environment Obtained with a database connection in the connection poo? If Environment Obtained with a database connection in the connection poo? If Environment Obtained with a database connection in the connection poo? If Environment Obtained with a database connection in the connection poo? If Environment Obtained with a database connection? If Environment Obtained with a database connection? If Environment Obtained with a with to use to create database connection? If Environment Obtained with a with to use to create database connection? If Environment If Environment If Environment ForeBall to the database account passion of to use to create database connection? If Environment ForeBall to the database account passion of to use to create database connections? If Environment ForeBall to	Release Configuration	Test Configuration Back Next Finish Cancel			
Instruments Test the distabase availability and the connection properties you provided. Instruments What is the full package name of JDBC driver class used to create distabase connections in the connection pool? Instruments Developments Instruments Devevelopments D	Domain Structure	Test Database Connection			1
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Benderstand Power fast standing Benderstand Diver fast standing Perspective Standing Prespective Prespective Prespective Standing Prespective Prespective		What is the full package name of JDBC driver class used to o	reate database connections in the connection pool?		1
President Stores Driver Class Name: oracle jdbc. OracleDriver President Stores What is the URL of the database to connect to I' The format of the URL varies by XBC driver. VIABLE Stores VIAL is the URL of the database to connect to I' The format of the URL varies by XBC driver. VIABLE Stores VIAL is the URL of the database to connect to I' The format of the URL varies by XBC driver. VIABLE Stores VIAL is the URL of the database to connect to I' The format of the URL varies by XBC driver. VIABLE VIAL is the URL of the database connectors? VIABLE Analytic Stores VIAL is the database account user name do you want to use to create database connectors? VIAL is the database account user name do you want to use to create database connectors? Detabase User Name: VIAL is the database account user name do you want to use to create database connectors? Detabase User Name: VIAL is the database account passmond to use to create database connectors? Detabase User Name: VIAL is the database account passmond to use to create database connectors? Passmond: VIAL is the database account passmond to use to create database connectors? Passmond: VIAL is the database account passmond to use to create database connectors? Passmond: VIAL is the properties to pass to the ZBC driver when creating database connectors? VIAL is the properties to pass to the ZBC driver when creating database connectors? VIAL is the properties: VIAL is t	⊖-Services ⊕-Messaging	(Note that this driver class must be in the classpath of any s	erver to which it is deployed.)		
Wat is the URL of the database to connect to? URL: jdb: oracle thin @10.00.0 Wat is the URL of the database to connect to? URL: jdb: oracle thin @10.00.0 What is the URL of the database connect tor? URL: jdb: oracle thin @10.00.0 Oracle zonro Database User Name: Context URL enabled ZoE: data sources FCPB1121 What is the database count passion to use to oracle database connectors? URL: FCPB1121 What is the database count passion to use to oracle database connectors? URL: FCPB1121 What is the database count passion to use to oracle database connectors? Units the database acount passion to use to oracle database connectors? Units the database acount passion to use to oracle database connectors? Units the database acount passion to use to oracle database connectors? Units the database acount passion to use to oracle database connectors? Units the properties to passion to use to oracle database connectors? Units the properties to passion to the IDBC driver when creating database connectors? URL: URL: Units the properties:	Persistent Stores	Driver Class Name:	oracle.jdbc.OracleDriver		
URL jdbc: oracle thin @10 to 10.0 What detabase account user name do you want to use to create database connections? Now do L Database User Name: Create JDBC generic data sources System Status Pated (0) Critical (0) Oricial (0)		What is the URL of the database to connect to? The format	of the URL varies by JDBC driver.		
Nome do L Deabase User Name: FCPB1121 • Create JDC generic data sources What is the database account password to use to create database connectors? • System Status Peaked 00. • Critical (00. Conform Password: • Critical (00. Conform Password: • Overloaded (00. What are the properties to pass to the JDBC driver when creating database connectors? • Wat are the properties to pass to the JDBC driver when creating database connectors? • What are the properties to pass to the JDBC driver when creating database connectors?	сом	URL:	jdbc:oraclethin:@10.10.10.		
		What database account user name do you want to use to or	eate database connections?		
	How do L.	Database User Name:	FCPB1121		
System Status Provide (0) Password (management, enter the password in the Password (management, enter the password in the Password in the Password (management, enter the password in the Password in the Password (management, enter		What is the database account password to use to create da	tabase connections?		-
Packado Password: Paied (0) Confirm Password: Onical (0) Confirm Password: Overloaded (0) What are the properties to pass to the 208C driver when creating database connectors? What are the properties: Properties:					
Paled (0) Password: Onicol (0) Confirm Password: Overloaded (0) What are the properties to pass to the 208C driver when creating database connections? Warring (0) What are the properties:	system status	-			
Control (0) Control (0) Control (0) Control (0) What are the properties to pass to the XDBC driver when creating database connections? Properties: Control (0) Properties: Control (0) Con		Password:			
Overloaded (0) What are the properties to pass to the JDBC driver when creating database connections? Ox (2) Properties:		Confirm Password:			
OX (2) Properties:		Commit Passacia.	••••••		
Properties:		What are the properties to pass to the JDBC driver when cre	eating database connections?		
user=FCFB1121	0.10				- 1
		user#FCPB1121			

17. Click 'Next'.



The following screen is displayed:

	s113_domain - WLS Console - Windows Internet Explorer	
	nsole/console.portalPCreateGlobalUDBCDataSourcePortlet_actionOverride=/com/bea/console/actions/jdbc/datasource	es/create/dbcdatasource/selec 🍟 🔄 🖌 Google Powered Pandon Search 🖉 🕨 🔹
Ele Edt Yew Favorites Tools Help • McAfeet		
🚖 🔅 🌈 Create a New 308C Data Source - f	fcubs113_domain	💁 • 🔯 - 🖶 • 🕞 Bage • 🥥 Tgols • 🎽
ORACLE WebLogic Server®	Administration Console	Q
Change Center	🔒 Home Log Out Preferences 🔛 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources	
No pending changes exist. Click the Release Configuration button to allow others to edit the	Create a New JDBC Data Source	
domain.	Back Tiest Finish Cancel	
Lock & Edt		
Release Configuration	Select Targets You can select one or more targets to deploy your new JDBC data source. If you don't select a target, the data	a course will be reached but not designed. You will need to design the data source at
	a later time.	a source vill de created out not deployed. You vill need to beploy the data source at
Domain Structure fcubs113_domain	Servers	
B-Environment	arvers	
Deployments G-Services	AdminServer	
B-Messaging		
Data Sources	HanagedServer1	
Persistent Stores Poreign JNDI Providers		
-Work Contexts	Back First Finish Cancel	
-XML Registries	need over burner burner	
XML Entity Caches		
Mail Sessions		
Fle T3		
How do L		
Create 3DBC generic data sources		
Create LLR-enabled 3DBC data sources		
System Status		
Health of Running Servers		
Faled (0)		
Critical (0)		
Overloaded (0)		
Warning (0)		
OK (2)		

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

	- assertion blue	e.portal?_nfpb=true8_pageLabel=Global3DBCData5	and a second second		Google Powered Pandion Search
e Edit Yew Fgvorites Iools Help McAfee					
🔗 🎢 Summary of JDBC Data Sources - f	cubs113_dom	nain			💁 • 🖾 · 🖶 • 🔂 Bage • 🕲 Ts
	Administr	ation Console			
hange Center	💼 Hon	ne Log Out Preferences 🔛 Record Help	Q	We	come, weblogic Connected to: fcubs113_do
New changes and restarts	Home 2	Summary of JDBC Data Sources			
ending changes exist. They must be activated take effect.	Summa	ry of JDBC Data Sources			
Activate Changes	Config	uration Monitoring			
Undo All Changes	A JDB borro	IC data source is an object bound to the JNDE tree to $\ensuremath{\varpi}$ a database connection from a data source.	nat provides database con	rectivity through a pool of JDBC connections. Applications ca	n look up a data source on the JNDI tree and then
omain Structure	This p	age summarizes the 3DBC data source objects that	have been created in this o	lomain.	
bs113_domain A					
Deployments	P Custo	omize this table			
Services	P Cost				
Messaging	Data	Sources (Filtered - More Columns Exist)			
Persistent Stores	New	Deiete			Showing 1 to 3 of 3 Previous Next
Foreign JNDI Providers Work Contexts		Name 🏟	Туре	JNDI Name	Targets
XML Registries		FCUBS113	Generic	jdbc/fcjdevDS	ManagedServer1
		FCU85113Branch	Generic	jdbc/fcjdevOSBranch	ManagedServer 1
JCOM Mail Sessions			Generic	FLEXTEST.WORLD	AdminServer
SCOM Mail Sessions File T3		PLEXTEST.WORLD			
SCOM Mail Sessions F/e T3	-				
Hall Sessons Frie T3 V Create 208C generic data sources	-	PLEXTEST. WORLD			Showing 1 to 3 of 3 Previous Next
Mai Sessons Mai Sessons Mai Sessons Mai Sessons Mai Sessons Mai Sessons Create JOBC Gridunk data sources	-				Showing 1 to 3 of 3 Previous Next
Hell Sessions Hell T3 W do L. Create 206C princip data sources Create 206C cristlink data sources Create 206C cristlink data sources	-				Showing 1 to 3 of 3 Previous Next
HOM HAND Selection Selecti	-				Showing 1 to 3 of 3 Previous Next
HOME Home Seasons Home Seas	-				Showing 1 to 3 of 3 Previous Next
HCOM Heal Sessors File T3 V W do L R Create: XDBC Grindlank data sources Create: XDBC Grindlank data sources Create: XDBC multi data sources Delete: XDBC multi data sources	-				Showing 1 to 3 of 3 Previous Next
HSOM Haal Sessons File T3 v w do L. ■ Create 200C graveric data sources Create 200C GridLink data sources Delete 200C multis data sources Delete 200C multis data sources Delete 200C multis data sources	-				Showing 1 to 3 of 3 Previous Next
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Net Sessors Net Sessors Net Sessors Net Sessors Net Sessors Net Sessors Net Set Sessors Sessors Set Sessors Set Sessors Set Sessors Set Sesso	-				Showing 1 to 3 of 3 Previous Next
Mail Sessons File 73 Was Sessons File 73 Was Sessons File 73 Was Sessons File 73 Create: 200C Graduit data sources Create: 200C multi data sources Create: 200C multi data sources Delete: 200C multi data sources Pales: 200C cardinates Pales: 200C multi data sources Pales: 200C multi data Pales: 200C m	-				Showing I to 3 of 3 Previous Next
Hotel Status	-				Showing 1 to 3 of 3 Previous Next



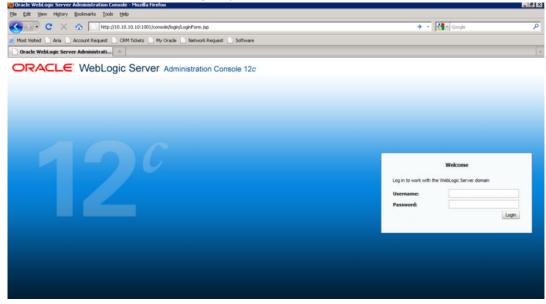
19. Click 'Activate Changes' button. Click 'Activate Changes' button on the left pane. The message 'All the changes have been activated. No restarts are necessary' is displayed.

	s113_domain - WLS Console	e - Windows Internet Explorer		
🔆 💽 + 🙋 http://10.184.74.143:8888/co	nsole/console.portal?_nfpb=true&_	pageLabel=http://10.184.74.143:8888/consol	e/console.portal7_nfpb=brue&_pageLabel=Glob	alDBCDataSourc 👻 🗲 🗙 Google Powered Pandion Search 🖉
Ele Edit View Figvorites Icols Help • McAfect / •				
🚖 🕸 🍘 Summary of 3DBC Data Sources - fi	cubs113_domain			💁 • 🔝 🐇 🖶 • 🔂 Eage • 🎯 Tgols •
ORACLE WebLogic Server®	Administration Console			Q
Change Center	Home Log Out Preference	es 🐼 Record Help	Q	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Da	ata Sources		
Click the Lock & Edit button to modify, add or delete items in this domain.	Hessages All changes have been ac	ctivated. No restarts are necessary.		
Lock & Edit	Summary of JDBC Data Sou	urces		
Release Configuration	Configuration Monitoring	1		
Data Sources Densitient Stores Persitient Stores Work Contexts Work Contexts	Data Sources (Filtered -) Clok the Lock & Editbuttor	Nore Columns Exist) in the Change Center to activate all the butto	Ins on this page.	Showing 1 to 3 of 3 Previous Next
Fle T3				
How do L.	FCU85113	Generic	jdbc/fcjdevOS	ManagedServer1
 Create 3DBC generic data sources Create 3DBC GridLink data sources 	FCUBS113Branch	Generic	jdbc/fcjdevDS8ranch	ManagedServer 1
Create JDBC multi data sources	FLEXTEST.WORLD	Generic	PLEXTEST.WORLD	AdminServer
Delete 308C data sources Delete 308C multi data sources	New - Delete			Shawing 1 to 3 of 3 Previous Next

- **20.** The datasource has been created.
- 21. Refer to "Resources_To_ Be_Created.doc" for the list of XA datasources to be created.

7.2.1.3 Non-XA Enabled Data Source

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:10.10.10.10.1001/console Eg: http://10.10.10.101001/console



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

3. Navigate to Oracle Weblogic home page.

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pending changes exist. Click the Release	Summary of 3D	BC Data Sources			
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s113_domain Invironment Jeployments Jervices	Customize th	his table (Filtered - More Columns Exist)			
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Persistent Stores Foreign 2NDI Providers Work Contexts	Name -	A	Туре	JNDI Name	Targets
	PCUBS1	113	Generic	jdbc/fcjdevD5	ManagedServer1
-XML Registries		113Branch	Generic	jdbc/fcjdevDS8ranch	ManagedServer1
XML Registries XML Entity Caches 	PCUB51				Showing 1 to 2 of 2 Previous Next
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4. Expand 'Services' and then 'Data Sources' under it. Click 'Lock & Edit' button.

	113_domain - WLS Console - Windows I			
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ew changes and restarts	Home >Summary of JDBC Data Sources			
pending changes exist. Click the Release	Summary of JDBC Data Sources			
infiguration button to allow others to edit the main.	Configuration Monitoring			
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Palance Contra union	A JDBC data source is an object hound to the	NOI tree that provides database or	ennectivity through a pool of 30RC come	ctions. Applications can look up a data source on the JNDI tree and then
Release Configuration	borrow a database connection from a data so	ource.	A LECTICY STOOP IS DOD OF SOOL CALLS	
main Structure	This page summarizes the JDBC data source of	objects that have been created in this	s domain.	
s113 domain				
Environment	Customize this table			
Deployments		2002		
Services ®-Messaging	Data Sources (Filtered - More Columns	Exist)		
Data Sources	New - Delete			Showing 1 to 2 of 2 Previous Next
Persistent Stores	Generic Data Source		T	
Foreign JNDI Providers Work Contexts	Gridunk Data Source	Type	3NDI Name	Targets
XML Registries	Multi Deta Source	Generic	jdbc/fcjdevDS	ManagedServer1
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5. To create a new data source, click 'New' and select 'Generic Data Source'.

Create a New JDBC Data Source - fcub	s113_domain WLS Console Windows Internet Explorer	
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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 > FCUBS113 > Summary of Deployments > FCUBS113Dev > Summary of D	Aployments >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 Source	
Activate Changes	Back Next From Cancel	
Undo All Changes	3DBC Data Source Properties	
Domain Structure	The following properties will be used to identify your new 3080 data source. * Indicates required fields	
foubs113 domain	- Unacates required nelos	
8 Environment		
Deployments	What would you like to name your new 3DBC data source?	
8-Services	FCUBSDS	
Messaging Data Sources	FLOBSUS	
Persistent Stores	What 3NDI name would you like to assign to your new 3DBC Data Source?	
Foreign 2NDI Providers	what usus name would you we to assign to your new subclusta sourcer	
-Work Contexts	6 JNDI Name:	
-XML Registries	idbc/foidevDS	
- XML Entity Caches		
-Fie T3		
How do L.		
Create 308C generic data sources	What database type would you like to select?	
Create LLR -enabled 3DBC data sources	surge management of the second from and the parameter.	
Surtan Statur 8	Database Type: Oracle	
system status	NAMES AND ADDRESS OF ADDRESS	
Health of Running Servers	Finder Next. Finder Cancel	
Failed (0)		
Critical (0)		
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Warning (0)		
and the second se		
OK (2)		

6. Specify the following details:

JDBC Datasource Name	Name of the Datasource
JNDI Name	JNDI for lookup



Database Type	Oracle	
Click 'Next'.		
	:ubs113_domain - WLS Console - Windows Internet Explorer	
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	r® Administration Console	
Change Center	🔒 Home Log Out Preferences 🗟 Record Help	Welcome, weblogic Connected to: fcubs113_d
View changes and restarts	Home >Summary of JDBC Data Sources	
No pending changes exist. Click the Release Configuration button to allow others to edit th	Create a New JDBC Data Source	
domain.	Back Next Trinit Cancel	
Release Configuration	JDBC Data Source Properties	
	The following properties will be used to identify your new JDBC data source.	
Domain Structure	Database Type: Oracle	
fcubs113_domain E: Environment	What database driver would you like to use to create database connections? Note: * indicates that the driver is explo	otly supported by Oracle WebLogic Server.
Deployments	Database Driver.	
Services Pressaging	"Oracle's Driver (Thin) for Instance connections; Versions:9.0.1 and later	×
Data Sources	Back Next Frint Cancel	
Persistent Stores Foreign JNDI Providers		
Work Contexts		
XML Registries XML Entity Caches		
сом		
Hail Sessions File T3	-	
How do I	8	
Create 308C generic data sources		
Create LUR-enabled JDBC data sources		
System Status	8	
Health of Running Servers		
Faled (0)		
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Warning (0)		
OK (2)		

8. Select the database driver as shown in the figure. Click 'Next'. Following screen is displayed:

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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, Trinst, Cancel	
	Taken Take	
Release Configuration	Transaction Options You have selected non-KA JDBC driver to create database connection in your new data source.	
Domain Structure	Does this data source support global transactions? If yes, please choose the transaction protocol for this data s	source.
fcubs113_domain TEnvironment Deployments	Supports Global Transactions	
Services Hessaging Data Sources	Select this option if you want to enable non-XA JDBC connections from the data source to participate in global b Recommended in place of Emulate Two-Phase Commit.	ransactions using the Logging Last Resource (LLR) transaction optimization.
Persistent Stores Foreign 3NDI Providers	O Logging Last Resource	
Work Contexts XML Registries XML Entity Caches	Select this option if you want to enable non-XA 3DBC connections from the data source to emulate participation heuristic conditions.	in global transactions using JTA. Select this option only if your application can tolerate
	Emulate Two-Phase Commit	
How do L	Select this option if you want to enable non-KA JDBC connections from the data source to participate in global to other resources can participate in the global transaction.	ransactions using the one-phase commit transaction processing. With this option, no
Create 3DBC generic data sources Create LLR-enabled 3DBC data sources	One-Phase Commit	
System Status	Back Next Frish Cancel	
Health of Running Servers		
Faled (0)		
Critical (0)		
Overloaded (0)		
Warning (0)		



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

Create a New JDBC Data Source - fcut	os113_domain - WLS Console - Windows Interne	et Explorer	
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ORACLE WebLogic Server®	Administration Console		Q
Change Center	🏚 Home Log Out Preferences 🖂 Record Help	9	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources		
No pending changes exist. Click the Release Configuration builton to allow others to edit the domain. Lock & Edit Release Configuration	Create a New JDBC Data Source Back Next Frist Cancel Connection Properties Cancel Cancel Cancel		
	Define Connection Properties.		
Domain Structure fcubs113_domain	What is the name of the database you would like to co	nnect to?	
Environment Deployments	Database Name:	KERDEV2	
Services B-Messaging	What is the name or IP address of the database serve	r)	
Data Sources Persistent Stores Foreign JNDI Providers	Host Name:	10.10.10.10	
Work Contexts	What is the port on the database server used to conn	ect to the database?	
-XML Entry Caches	Port:	1010	
Fle T3	What database account user name do you want to use	e to create database connections?	
How do L_	Database User Name:	FCPB1121	
Create 308C generic data sources Create LLR-enabled 308C data sources	What is the database account password to use to creat	ate database connections?	
System Status	Password:	•••••	
Health of Running Servers	Confirm Password:	•••••	
Faled (0) Critical (0) Overloaded (0) Warning (0)	Back Next Front Cancel		
OK (2)			

- **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 - fcut	bs113_domain - WLS Console - Windows Inter	net Explorer		Ð
Http://10.184.74.143:8888/co	nsole/console.portal?CreateGlobal3DBCDataSourcePortlet	_actionOverride=/com/bea/console/actions/jdbc/datasources/create	jdbcdatasource/test(👻 😝 🔀 Google Powered Pandion Search	P
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Change Center	🙆 Home Log Out Preferences 🖂 Record Help	9	Welcome, weblogic Connected to: fcubs113_dor	nain
View changes and restarts	Home >Summary of JDBC Data Sources			
No pending changes exist. Click the Release Configuration button to allow others to edit the	Create a New JDBC Data Source			
Lock & Est	Test Configuration Back Next Finish C	Cancel		
	Test Database Connection			1
Release Configuration	Test the database availability and the connection p	roperties you provided.		
Domain Structure	What is the full package name of JDBC driver class u	sed to create database connections in the connection pool?		1
Environment Deployments	(Note that this driver class must be in the classpath	of any server to which it is deployed.)		
⊖-Services ⊕-Messaging	Driver Class Name:	oracle jdbc.OracleDriver		
Persistent Stores Foreign 3NDI Providers	What is the URL of the database to connect to? The	format of the URL varies by JDBC driver.		
-Work Contexts	URL:	jdbc:oracle:oci:@10.10.10		
XML Entity Caches 	What database account user name do you want to u	use to create database connections?		
Mai Sessions	Database User Name:	FCPB1121		
tow do L. 🖂	What is the database account password to use to or	reate database connections?		1
Create 3DBC generic data sources Create U.Renabled 3DBC data sources	(Note: for secure password management, enter the	password in the Password field instead of the Properties field below)		
System Status	Password:	•••••		
Health of Running Servers	Confirm Password:	•••••		
Failed (0) Critical (0)	What are the properties to pass to the JDBC driver	when creating database connections?		-1
Overloaded (0)	Properties:			
Warning (0)	user=FCPB1121			
OK (2)				
	The set of driver properties whose values are derive	ed at runtime from the named system property.		
				- 1

- 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:@10.10.10.1010:<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.

alepiajeai			
Create a New JDBC Data Source - fcub	os113_domain - WLS Console - Windows Inte	rnet Explorer	
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Change Center	😰 Home Log Out Preferences 🖂 Record Help	9	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources		
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Messages Connection test succeeded.		
Lock & Eat	Create a New JDBC Data Source		
Release Configuration	Test Configuration Back Next Finish	Cancel	
Domain Structure	Test Database Connection		
fcubs113_domain	Test the database availability and the connection	properties you provided.	
Environment Deployments	What is the full package name of JDBC driver class	used to create database connections in the connection pool?	
B-Services Messaging	(Note that this driver class must be in the classpath	of any server to which it is deployed.)	
Data SourcesPersistent StoresForeign 3NDL Providers	Driver Class Name:	oracle.jdbc.OracleDriver	
-Work Contexts -XML Registries	What is the URL of the database to connect to? Th	e 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	use to create database connections?	
How do L 🗄 • Create 3DBC generic data sources	Database User Name:	FCPB1121	
Create LLR-enabled 3DBC data sources	What is the database account password to use to o	create database connections?	
System Status	(Note: for secure password management, enter the	e password in the Password field instead of the Properties field below)	
Health of Running Servers	Password:		
Faled (0)	Password:	•••••	
Critical (0)	Confirm Password:		
Overloaded (0)		••••••	
Warning (0)	What are the properties to pass to the JDBC driver	when creating database connections?	
OK (2)	Descention.		
	Properties: user=FCPB1121		
	user-rorbitit		
Done			📢 Local intranet 🚳 100% 🔹
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19. Click 'Next'. The following screen is displayed:

Pending changes exist. They must be activated to take effect.	Create a New JDBC Data Source
Activate Changes	Back Net Finish Cancel
Undo All Changes	Select Targets
Domain Structure	You can select one or more targets to deploy your new XDBC data source. If you don't select a target, the data source will be created but not deployed. You will need to deploy the data source at a later time.
SOADOM3	Nater Grae
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How do I	
Create 3DBC generic data sources	
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20. Check the boxes against the required servers(for data source jdbc/fcjdevDS, it is mandatory to check the admin server as well as application-deployed server). Click



'Finish'. The following screen is displayed:

Charge Center View changes and restarts Pendig drugse sets. They must be activated Unds AI Charges Unds AI Charges A DEC data source on the JVOI the that provides database connectivity through a pool of JDBC connections. Applications can look up a data source on the JVOI the error of attabase Configuration Monitoring A DBC data source on the JVOI the error of attabase Configuration Monitoring A DBC data source on the JVOI the error of attabase Configuration Monitoring A DBC data source on the JVOI the error of attabase Configuration Monitoring A DBC data source on the JVOI the error of attabase Configuration Monitoring A DBC data source on the JVOI the error of attabase Configuration Monitoring A DBC data source on the JVOI the error of attabase Configuration Monitoring A DBC data source on the JVOI the error of attabase Configuration Monitoring A DBC data source on the JVOI the error of attabase Configuration Monitoring A DBC data source on the JVOI the error of attabase Configuration Monitoring A DBC data source on the JVOI the error of attabase Configuration Monitoring A DBC data source on the JVOI the error of attabase Configuration Monitoring A	earch	😽 🗶 Google Powered Pandion Searc		rceTablePage	e.portal?_nfpb=true8_pageLabel=Global3DBCData5ou	ole/console.por	+ le http://10.184.74.143:8888/cons
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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.

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22. FCUBSDS' datasource is created.



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

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Foreign JNDI Providers Coherence Clusters Work Contexts	街 URL:		0.10.10.1010:CPU11G2	The URL of the database to connect to. The format of the URL varies by DRC driver. More Info
XML Registries XML Entity Caches COM Mail Sergions	👸 Driver Class Name:	oracle.jdbc.OracleDriv	er	The full package name of JOBC driver class used to create the physical database connections in the connection pool. (Note that this driver class must be in the classpath of any server to which it is deployed.) More Info
ow do L				
Create JDBC data sources Configure testing options for a JDBC data source Configure the statement cache for a JDBC connection pool Configure credential mapping for a JDBC data source	<pre>d) Properties: user=FC1202tune</pre>			The list of properties passed to the JODC driver that are used to create physical database connections. For examples server "observer". List each property-wake pair on a separate line. More Info
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Critical (0) Overloaded (0)	Initial Capacity:	1		The number of physical connections to create when creating the connection pool. More Info
Warning (0) OK (1)	Maximum Capacity:	15		The maximum number of physical connections that this connection pool can contain. More Info
	Capacity Increment:	1		The number of connections created when new connections are added to the connection pool. More Info
	🛃 Statement Cache Type:	LRU -		The algorithm used for maintaining the prepared statements stored in the statement cache. More Info
	Statement Cache Size:	200		The number of prepared and callable statements stored in the cache. (This may increase server performance.) More Info
	- D Advanced			
	Save			

- 24. Select the statement cache type as 'LRU'.
- 25. Specify the statement cache size as '200'.
- 26. Click 'Save'.
- Refer to "Resources_To_ Be_Created.doc" for the list of Non-XA datasources to be created.

Note the following

- You need to create another data source for Oracle FCUBS with the JNDI name '<Non-XA FCUBS HOST JNDI name>_ASYNC' for batch process. For example, if the Oracle FCUBS HOST Non XA data source JNDI name is 'jdbc/fcjdevDS', then you need to create another data source for FCUBS 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 FCUBS BRANCH JNDI name>_ASYNC'.
- You need to create another data source for Oracle ELCM with the JNDI name '<ENTITY_ID JNDI name>_EL'. For example, if the Oracle FCUBS HOST Non XA data source JNDI name is 'jdbc/fcjdevDS', then you need to create another data source for FCUBS with the JNDI name 'jdbc/fcjdevDS_EL'. Ensure that the checkbox "Support Global Transaction" is checked and select "Emulate Two-Phase Commit" for ELCM data source.
- The following are the list of datasources that can be created depending on the requirement. Please refer to the document Resources_to_ be_created.docx for more information -

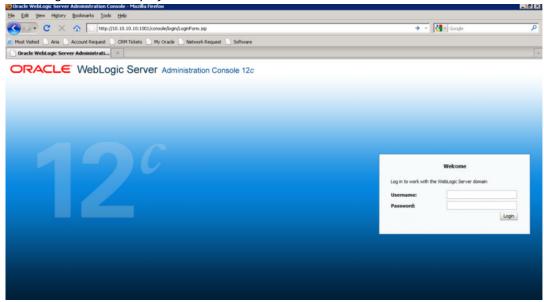
Purpose	Datasource Name	JNDI Name
FCUBS	FCUBS Data source	jdbc/fcjdevDS
SMS	SMS_Datasource	jdbc/fcjdevDSSMS
VAMS	VAMS_DATASOURCE	jdbc/fcvamDS
Gateway	FLEXTEST.WORLD	FLEXTEST.WORLD
Async data source	FCUBS DS_ASYNC	jdbc/fcjdevDS_ASYNC
Scheduler	Scheduler_Datasource	jdbc/fcjSchedulerDS

7.2.2 JMS Server Creation

Follow the steps given below:

1. Start the Administrative Console of Weblogic application server. You can start this by entering Oracle Weblogic Admin Console URL in the address bar in an internet browser. http://10.10.10.10.1001/console Eg: http://10.10.10.1001/console

Following screen is displayed:



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



3. Navigate to Oracle Weblogic home page.

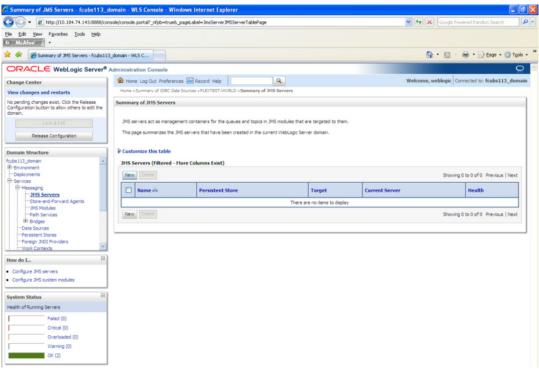
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	Configure applications	Common Administration Task Descriptions	
	 Configure GridLink for RAC Data Source 	 Read the documentation 	
main Structure	Recent Task Status	 Ask a guestion on My Oracle Support 	
bs113_domain Environment	 Set your console preferences 	Orade Guardian Overview	
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Interoperability	Domain		WTC Servers
Diagnostics	• Domain	Messaging JHS Servers	Joit Connection Pools
	Environment	 Store-and-Forward Agents 	
	Servers	 JMS Modules 	Diagnostics
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Change Console preferences		 jCOM 	Charts and Graphs
Monitor servers	Your Deployed Resources	Mal Sessions	 Monitoring Dashboard Ø
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alth of Running Servers	Your Application's Security Settings		
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Critical (0)			
Overloaded (0)			
Warning (0)			

4. Following screen is displayed:

C Summary of JMS Servers - fcubs113_c	domain - WLS Console - Windows In	ternet Explorer				• 🗙
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ORACLE WebLogic Server®	Administration Console				ç	D 🖄
Change Center	🙆 Home Log Out Preferences 🔤 🛙	ecord Help		Welcome, we	blogic Connected to: fcubs113_dom	ain
View changes and restarts	Home >Summary of JDBC Data Sources	PLEXTEST.WORLD >Summary of JMS 5	ervers			
Click the Lock & Edit button to modify, add or delete items in this domain.	Summary of JHS Servers					
Lock & Edit Release Configuration		ainers for the queues and topics in JMS r s that have been created in the current				
Domain Structure fcubs113_domain ⊕ Environment □opployments ⊕ Hessaging	Customize this table 3HS Servers (Filtered - More Columns Exist) Clock the Look & Editbutton in the Change Center to activate all the buttons on this page.					
-JHS Servers	New Delete				Showing 0 to 0 of 0 Previous Next	
Store-and-Forward Agents 	🔲 Name 🙃	Persistent Store	Target	Current Server	Health	
Bridges	There are no items to display					
Persistent Stores Persistent Stores Poreign 3hDL Providers Work Contexts	New Detete				Showing 0 to 0 of 0 Previous Next	
How do L						
Configure JMS servers Configure JMS system modules						
System Status						
Health of Running Servers						
Pated (0) Critical (0) Overloaded (0) Warning (0) OK (2)						
·						



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



6. Click 'New'.

- http://10.184.74.143-8888/	nsole/console.portal? nfpb=true8. pageLabel=3msServerCreate3MSServer8.3msServerCre	te MSServerPortiet_actionOverride=/com/bea/console/ 🗐 🐐 Google Powered Pandon Search
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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 > PLEXTEST.WORLD > Summary of 3HS Server	8
No pending charges exist. Clok the Release Configuration button to allow others to edit the domain. Cost & Est Release Configuration Domain Structure Funds 113 domain Pendopments Pe	Create a New 3HS Server Bott Finan Cancel JHS Server Properties The following properties will be used to identify your new JHS Server. * Indicates required Fields What would you like to name your new JHS Server? dcl * Name: FCUBS_uMSServer Speofy persistent store for the new 3HS Server. Persistent Store: (none) Y	
How do L. Example 2 Content of Cont	Deck Mext Fran Cancel	
Configure 3MS system modules Configure custom persistent stores		
System Status		
Health of Running Servers		
Faled (0)		
Critical (0)		
Overloaded (0)		
Warning (0)		
OK (2)		

7. Specify the following details:

JMS Server Name Specify the name of JMS Server.	JMS Server Name	Specify the name of JMS Server.
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8. Click 'Create a new Store' button. The following screen is displayed.



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

Create a New JMS Server - fcubs113_	domain - WLS Console - Windows Internet Explorer	
G . + 143:8888/co	nsole/console.portal?3msServerCreate3MSServerPortlet_actionOverride=/com/bea/console/actions/jms/server/createjmsserver/new/Store	🖌 🔄 🖌 Google Powered Pandion Search
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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 >PLEXTEST.WORLD >Summary of JHS Servers	
No pending changes exist. Click the Release Configuration builton to allow others to edit the domain.	Create a New 2HS Server Bitter Inset Create Select a store type. Please select the type of store you wish to create from the lat.	
Domain Structure Fub/U3.jonan # Environment Debloyments # Service -Service -Service -Past Servers -Servers -Servers -Servers -S	Type: File Store V Back Areat Transit Cancel	
System Status El Health of Running Servers Failed (0) Orisica (0) Overloaded (0) Overloaded (0) Warning (0) OK (2) OK (2)		

Following screen is displayed:

ORACLE WebLogic Server	Administration Console 12c				
Change Center	A Home Log Out Preference	ns 🐼 Record Help	9		Welcom
View changes and restarts		alms >Summary of Persistent Stores >FCURSFile)	Store > Summary of Persistent Stores		
No pending changes exist. Click the Release Configuration button to allow others to edit the domain. Lock & Edit Release Configuration	Back Next Finah (Cancel			
Domain Structure	* Indicates required fields				
PR222112 PC Consen Nations A PC Consen Nations PC Deployment PC Deployment P	What would you like to name : "Name: What scope do you want to or Scope: The pathname to the directory Directory:	FileStore-0 eate your jms file store in ? Global	pt. This directory must exist on your system, so *	be sure to create it before completing the tab.	
How do I	flick Next Finish (Dancel			
Monitor pensistent stores					
	1				
System Status					
Health of Running Servers					
Failed (0) Ortical (0) Overloaded (0) Warning (0) Ok (2)					

- **10.** To identify the new File Store, specify the following properties:
 - Specify the file store name as FCUBS_FileStore.
 - Select a server. For this file store, you may select ManagedServer1 (created by the user).
 - Specify the Filestore Directory path as C:/FCUBS_FileStore.
 - Click 'OK' The following screen is displayed with message 'File store created successfully'.

11. Click 'Next'.

	domain - WLS Console - Windows Internet Explorer nsde/console.portaPimsServerCreate.IMSServerPortet_actionOveride=/com/bea/console/actions/ms/stores/create/ms/festore/finish	Google Powered Pandon Search
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		0
Change Center	Home Log Out Preferences Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >PLEXTEST.WORLD >Summary of JHS Servers	
Pending changes exist. They must be activated to take effect.	Messages Plie store created successfully.	
Activate Changes		
Undo All Changes	Create a New JHS Server	
	Brok Next Frish Cancel	
Domain Structure fcubs113_domain	JH5 Server Properties	
Environment Deployments	The following properties will be used to identify your new JMS Server. * Indicates required fields	
B-Services B-Messaging		
JMS Servers	What would you like to name your new JMS Server?	
Store-and-Forward Agents JMS Modules	ECUBS_JMSServer	
Path Services	Specify persistent store for the new 3MS Server.	
Data Sources Persistent Stores	Persistent Store: FCUBS_FileStore Create a New Store	
Foreign 3hDI Providers Work Contexts	UNCONTRACTOR AND	
How do L	Back Next Frish Cancel	
Configure JMS system modules		
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	Insole/console portal? InsServerCreate.INSServerPortet_action/veride=/consolea/console/actions/ms/server/create;insserver/select1argets Is_downin - VHS C. Administration Console Proce & Sommary & JACC Data Sources - PLDCTEST.WORLD - Sommary of JACS Servers Create a New JHS Server Back Imp Finals Cancel Select targets Select targets Select targets Select Target: ManagedServer Imp Back Imp Finals Cancel	Image: Second and the second of the secon
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Create a New JMS Server - foub1131_ Create a New JMS Server - foub11 Create a New JMS Server - foub11 Create a New JMS Server - foub11 Create Server - Create Server - Create Server - Freeh Server - Found New Server - Server - Server - Create S	Insole/console portal? InsServerCreate.INSServerPortet_action/veride=/consolea/console/actions/ms/server/create;insserver/select1agets Is_domain = VMS C. Administration Console Image: Final Cancel Select targets Select targets Select targets Select targets Select Target: ManagedServer Image Back Terr Final Cancel	Image: Second and the second of the secon



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

C Summary of JMS Servers - fcubs113	_domain	- WLS Console - Windows Inter	net Explorer			
🗿 🕤 🔹 🙋 http://10.184.74.143:8888/c	console/cons	isole.portal?_n/pb=true8_pageLabel=3r	nsServer3M5ServerTablePage		🖌 🛃 🗶 Google	Powered Pandion Search
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🚖 🔅 🍘 Summary of JMS Servers - fcubs1	113_domain	- WLS C			🔂 • 🖾	• 🖶 • 🔂 Bage • 🎯 Tgols •
	• Adminis	stration Console				õ
Change Center	(a) +	Home Log Out Preferences 🔤 Recor	d Help		Welcome, weblogic	Connected to: fcubs113_domain
View changes and restarts Pending changes exist. They must be activated to take effect.	Hess		OTEST.WORLD >Summary of 3HS Serve	175		
Activate Changes	Sum	mary of JMS Servers				
Unde Al Changes Domain Structure fubell13 domain	Th IP Cu		rs for the queues and topics in JMS mod it have been created in the current Web is Exist)			
	1	New, Delete			Shor	ing 1 to 1 of 1 Previous Next
		🔲 Name 🙃	Persistent Store	Target	Current Server	Health
Data Sources		FCUBS_MSServer	FCUBS_FileStore	ManagedServer1	ManagedServer1	
Persistent Stores Foreign JNDI Providers Work Contexts		Vew, Delete			Sho	ving 1 to 1 of 1 Previous Next
How do L	ā 💷					
Configure 3MS servers Configure 3MS servers Configure 3MS system modules System Status Paiet (0) Critical (0) Overloaded (0) Warning (0) O (2)	0					

- **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:

C JMS Modules - fcubs113_domain - W	/LS Console - Windows Internet Explorer		
G - Attp://10.184.74.143:8888/c	console/console.portal?_nfpb=true8_pageLabel=3msModulesTa	ablePage	Google Powered Pandon Search
Ele Edt Yew Fgvorites Iools Help McAfee			
🚖 🕸 🎢 Modules - fcubs113_domain -	- WLS Console		💁 • 🖾 👘 🖶 🔂 Bage • 🕥 Tgols •
	Administration Console		Q
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	9	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WOR	RLD > Summary of IMS Servers > Summary of	of JDBC Data Sources > PLEXTEST.WORLD > Summary of JMS Servers > JHS Modules
Click the Lock & Edit button to modify, add or delete items in this domain.	JHS Modules		
Lock & Est Raikese Configuration	JMS system resources are configured and stored as m distributed queues, distributed topics, foreign servers resources. This page summarizes the JMS system modules that hi	s, and JMS store-and-forward (SAF) param	Such resources include queues, topics, connection factories, templates, destination keys, quota, meters. You can administratively configure and manage JMS system modules as global system
Domain Structure			
fcubs113_domain	Customize this table		
Deployments			
B-Services	JHS Hodules		
C Messaging	Click the Lock & Edit button in the Change Center to	activate all the buttons on this page.	
JMS Servers Store-and-Forward Agents			
3HS Hodules	New Deate		Showing 0 to 0 of 0 Previous Next
Path Services			a second
E Bridges	Name 🗠		Туре
Persistent Stores		There are n	no items to display
Foreign JNDI Providers	New Dekte		Showing 0 to 0 of 0 Previous Next
-Work Contexts	Contraction of the second seco		Showing o to o or o Previous (Hext
How do L	0		
NOW GO L			
 Configure JMS system modules 			
 Configure resources for 3MS system modules 			
Euclem Etatur			
System Status	-		
Paled (0)			
Critical (0)			
Overloaded (0)			
Warning (0)			
OK (2)			
10000 C C C C C C C C C C C C C C C C C	1		

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

🖉 JMS Modules - fcubs113_domain - Wl	S Console - Windows Internet Explorer		
(3) - (a) http://10.184.74.143:8888/co	nsole/console.portal?_nfpb=true8_paget.abel=http://10.184.74.14	3:8888/console/console.portal?_nfpb=true8_pageLabel-	- JmsModulesTablePage 👻 🐓 🗶 Google Powered Pandion Search 🖉 •
Ele Edit View Figurations Tools Help • McAfeer .			
😭 🔗 🎢 Modules - fcubs113_domain -	WLS Console		💁 • 🔝 - 📾 • 🔂 Bage • 🎯 Tgols • 🎽
	Administration Console		Q
Change Center	Ame Log Out Preferences 🖾 Record Help	9	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Su	mmary of JMS Servers >Summary of JDBC Data Sources >F	RENTEST.WORLD >Summary of 3MS Servers >3MS Modules
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	3HS Hodules		
Lock & Est		MS store-and-forward (SAF) parameters. You can admini	e gueves, topics, connection factories, templates, destination keys, quota, stratively configure and manage 345 system modules as global system
Domain Structure			
fcubs113_domain *	Customize this table		
Deployments	JHS Hodules		
B-Services B-Messaging	New, Delete		Showing 0 to 0 of 0 Previous Next
JMS Servers			
Store-and-Forward Agents	🔲 Name 🏟		Туре
Path Services		There are no items to display	
B-Bridges Data Sources	New Deinte		Shoning 0 to 0 of 0 Previous Next
Persistent Stores			
Poreign 3NDI Providers Work Contexts			
100 00 L			
 Configure JMS system modules Configure resources for JMS system modules 			
Consigure resources for and system modules			
System Status			
Health of Running Servers			
Faled (0)			
Critical (0)			
Overloaded (0)			
Warning (0)			
OK (2)			
	1		



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

Create JMS System Module - fcubs11:	_domain - WLS Console - Window	s Internet Explorer	
• •	nsole/console.portal?CreateJM5SystemMod	ulePortietreturnTo=JmsModulesTablePage8JmsModulesTablePortiethand	lewcom.bea.console.handles.3 📽 😝 🗶 Google Powered Pandion Search 🖉
Ele Edt Yew Favorites Tools Help Michael -			
🚖 🔅 🌈 Create JMS System Module - Foubs	113_domain - WL5		🛐 • 🔂 🐇 🖶 esge • 🎯 Tools •
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 Source	>PLEXTEST.WORLD > Summary of IMS Servers > Summary of IDBC Data So	urces > FLEXTEST.WORLD > Summary of JMS Servers > JH5 Modules
No pending changes exist. Click the Release Configuration button to allow others to edit the domain. Lock & Est Release Configuration	Create JHS System Hodule	used to identify your new module.	
Domain Structure Fouls 113_domain	3MS system resources are configure distributed queues, distributed topic resources. * Indicates required fields	d and stored as modules similar to standard JZEE modules. Such resource , foreign servers, and JMS store-and-forward (SAP) parameters. You ca	s indude queues, tapici, connection factories, templates, destination lens, quota, administratively configure and manage 245 system modules as global system
(P-Messaging	What would you like to name your Sy	stem Module?	
	" Name:	FCUBS_SystemModule	
-Path Services D-Bridges -Data Sources -Porsistent Stores -Poreign 3I/DI Providers	What would you like to name the design of the design of the second secon	riptor file name? If you do not provide a name, a default will be assigned FCUBS_SystemModule	
-Work Contexts	Where would like to place the descrip	or for this System Module, relative to the jms configuration sub-directory	of your domain?
How do L	Location In Domain:		
Configure JMS servers	Back Next, Frish Cencel		
System Status			
Health of Running Servers			
Faled (0)			
Critical (0) Overloaded (0)			
Warning (0)			
OK (2)			

Enter the System Module Name as FCUBS_SystemModule.

Enter the Description File Name as FCUBS_SystemModule.

4. Click 'Next'.

The following screen is displayed.

C Create JMS System Module - fcubs113	_domain - WLS Console - Windows Internet Explorer		
() + () http://10.184.74.143:88888/cor	sole/console.portalPCreateJMSSystemModulePortlet_actionOverride=/co	m/bea/console/actions/jms/modules/system/createmodule/selectTargets	💌 🔄 🗶 Google Powered Pandon Search
Ele Edit Yew Favorites Icols Help			
🚖 🔅 🌈 Create JMS System Module - foubs1	13_domain - WLS		💁 • 🔝 · 🖶 • 🕞 Bage • 🎱 Tgols • 🎽
ORACLE WebLogic Server®	Administration Console		Q 🔿
Change Center	😰 Home Log Out Preferences 🖾 Record Help	<u>a</u>	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary	y of JMS Servers >Summary of JDBC Data Sources > PLEXTEST.WORLD > Sur	nmary of JMS Servers > JHS Modules
No pending changes exist. Click the Release Configuration button to allow others to edit the	Create JHS System Hodule		
domain.	Back Next Finish Cancel		
Release Configuration	The following properties will be used to target your new 3	HS system module.	
Domain Structure	Use this page to select the server or cluster on which you would like	to deploy this JMS system module. You can reconfigure targets later if y	rou wish.
foubs113_domain	Targets :		
⊕-Services	Servers		
⊖-Messaging →JMS Servers	AdminServer		
Store-and-Forward Agents 3MS Modules			
Path Services	ManagedServer1		
Data Sources			
Persistent Stores Foreign 3NDI Providers	Back Next Finn Cancel		
H-Work Contexts			
How do I			
Configure JMS system modules Configure JMS servers			
System Status			
Health of Running Servers			
Faled (0)			
Critical (0) Overloaded (0)			
Warning (0)			
OK (2)			



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

C Create JMS System Module - fcubs113	_domain - WLS Console - Windows Internet Explorer		
(3) - (2) http://10.184.74.143:8888/co	nsole/console.portal?Create.IM55ystemModulePortlet_actionOverride=/com/be	a/console/actions/jms/modules/system/createmodule/newResource	🖌 🔄 🗙 Google Powered Pandion Search 🛛 🖉 •
Ele Edit Yew Favorites Iools Help G McAfoo . •			
🚖 🔅 🌈 Create JMS System Module - Fouls	113_domain - WLS		💁 • 🔝 · 🖶 • 🔂 Eage • 🎯 Tgols • 🎽
ORACLE WebLogic Server®	Administration Console		• • • • • • • • • • • • • • • • • • •
Change Center View changes and restarts	Home Log Out Preferences Record Help Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of J		Welcome, weblogic Connected to: fcubs113_domain vary of JHS Servers > JHS Modules
No pending changes exist. Click the Release Configuration button to allow others to edit the domain. Lock & Est Release Configuration	Create JHS System Hodule Back Final Canoxi Add resources to this JHS system module Use this page to indicate whether you want to immediately add resource	s to this 245 system module after it is created. 245 resources include	queues, tools, connection factories, etc.
Domain Structure folds113_commit → Depresent <	Would you like to add resources to this JHS system modul Back Term Finah Cancel		
Persistent Stores Porviders Porviders Work Contexts Configure 3MS system modules			
Configure 3MS servers System Status			
Health of Running Servers			
Paled (0) Critical (0) Overloaded (0) Warning (0) OK (2)			

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

	console/console.portal?_nfpb=true&_pageLabel=3msModulesTablePage	Socie Powered Pandon Search
Edit Yew Favorites Tools Help		
🔗 🎢 3M5 Modules - fcubs113_domain	- WLS Console	💁 * 🖾 - 📾 * 🕑 Expe * 🔘 Too
	Administration Console	
ange Center	🔒 Home Log Out Preferences 🔝 Record Help	Welcome, weblogic Connected to: fcubs113_dom
ew changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Serviers >Summary of	f JDBC Data Sources > FLEXTEST.WORLD > Summary of JMS Servers > JHS Hodules
	Hessages	
nding changes exist. They must be activated take effect.	The JMS module was created successfully.	
Activate Changes	JHS Modules	
main Structure	3M5 system resources are configured and stored as modules similar to standard J2EE modules. distributed queues, distributed topics, foreign servers, and 3M5 store-and-forward (SAP) param	Such resources include queues, topics, connection factories, templates, destination keys, quota, meters. You can administratively configure and manage JMS system modules as global system
bs113 domain	resources.	and a state of the
Environment	This page summarizes the JMS system modules that have been created for this domain.	
Deployments	The page service and and any again income the time section dense for the contents	
Services		
	Customize this table	
E-Messaging	Customize this table	
-Messaging	3HS Hodules	
Hessaging		Showing I to I of I Previous Next
Hessaging	JHS Hodules	
-Messaging345 ServersStore-and-Forward Agents3H5 Modules	3HS Hodules	Showing ito i of 1 Previous Next Type
Hessaging MS Servers Struets Struets MS Servers MS Servers MS Servers Path Servers Bi Sindes Data Sources Persistent Stores	JHS Hodules	Туре
Pressigning Store-and-Forward Agents Store-and-Forward Agents Path Services Bridges Data Sources Perspiration Stores Perspiration Providers	JHS Hodules	
El Messagnig 365 servers 365 servers 365 Nodeles 265 Nodeles El Bridges El Bridges Data Sources Persetth Stores Persetth Stores Persetth Stores Persetth Stores Work Contexts 	JHS Hodules New, Desire New, PCUBS_SystemModule New, Desire	Type System
History History	JHS Hodules New, Desire New, PCUBS_SystemModule New, Desire	Туре
M-Massping	JHS Hodules Nem. Deter Rome viv PCUBS_SystemModule Nem. Deter	Type System
Horseying Horseying	JHS Hodules Nem. Deter Rome viv PCUBS_SystemModule Nem. Deter	Type System
M-Mssprog Mssprog	JHS Hodules New, PCUBS_SystemModule Inter,	Type System
M-Mssping M-Mssping MSsrves Store-and-Forward Agents Store-and-Forward Agents Mstables Path Services Mittables Path Services Persiterit Stores Prevides Model Provides Work Contexts modules Configure 3MS system modules Configure resources for 3MS system modules	JHS Hodules New, PCUBS_SystemModule Inter,	Type System
Horseying Horseying	JHS Hodules New, PCUBS_SystemModule Inter,	Type System
Horssong	JHS Hodules New, PCUBS_SystemModule Inter,	Type System
Messaging PK5 Servers PK5 Servers PK1 Services PK1 Services Past Services Persiter Stores	JHS Hodules New, PCUBS_SystemModule Inter,	Type System
Horsesprog Horsesprog Horsesprog Horses Horse	JHS Hodules New, PCUBS_SystemModule Inter,	Type System
PHessping PHS Servers Servers	JHS Hodules New, PCUBS_SystemModule Inter,	Type System
Pressaging	JHS Hodules New, PCUBS_SystemModule Inter,	Type System

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



C Eds Um Favorites Eds Tools Eds Ed	JMS Modules - fcubs113_domain - 1	WLS Console - Windows Internet Explorer		
Configure Status Conf	🚱 🕤 🗸 🙋 http://10.184.74.143:8888	console/console.portal?_nfpb=true8_pageLabel=http://10.184.74.143:8888/c	onsole/console.portal?_nfpb=true&_pageLabel=3msModulesTablePage 👻	🔄 🗶 Google Powered Pandion Search
Change Center Wetkome, weblogic Overethd bit is downer, weblogic<	Ele Edt Yew Fgvorites Iools Help			
Carego Carter Welcome, weldogic Concents Welcome, weldogic Concents Concents Second Melo Welcome, weldogic Concents Concents Second Melo Welcome, weldogic Concents Second Melo Second Melo Second Melo Second Second Melo <td< th=""><th>🚖 🛠 🌈 JMS Modules - Fcubs113_domain</th><th>- WLS Console</th><th></th><th>🏠 • 🔝 🗉 🖶 • 🔂 Eage • 🌀 Tgols •</th></td<>	🚖 🛠 🌈 JMS Modules - Fcubs113_domain	- WLS Console		🏠 • 🔝 🗉 🖶 • 🔂 Eage • 🌀 Tgols •
Werk changes aut extart. Deter to & Bid St buttom to modify, etc. Lock & Bid St buttom to modify, etc. Deter standard Starter Researce Changes and results. Determine Changes and etc. Determine Starter Streame and Formine Changes and etc. Determine Starter Streame and Formine Changes and etc. Determine Starter Streame and Formine Change Changes and etc. Determine Starter Streame and Formine Starter Streame Starter Streame Changes and etc. Str		Administration Console		Q
New Konges and Pecuation Cache Look & & & & Ede Look & & & & & & & & & & & & & & & & & &	Change Center	Ame Log Out Preferences 🐼 Record Help	l Q w	elcome, weblogic Connected to: fcubs113_domain
Clock the Lock & & Edit buttors in modify, add or Lock & & Edit buttors in modify, add or Lock & & Edit buttors in solves, and solves, solves, and solves, solves, and solves, solves, and solves,	View changes and restarts		F3MS Servers >Summary of 3DBC Data Sources >PLEXTEST.WORLD >Summar	y of JMS Servers >3HS Modules
Instructure Reserve Configuration Bbrownent				
Domain Structure Browing Structure	Lock & Edit	JHS Hodules		
Domain Structure Bit Dutal Listman Configure End System Dutal Listman Bit Dutal Listman Bit Dutal Listman Bit Dutal Listman Configure End System Dutal Listman Bit Dutal Listman Configure End System Dutal Listman Bit Dutal Listman Bit Dutal Listman Bit Dutal Listman </td <td></td> <td></td> <td></td> <td></td>				
B - Environment O-Declowants Services - Provide Se		distributed queues, distributed topics, foreign servers, and JMS store		
Construct Sorres		This page summarizes the JMS system modules that have been create	d for this domain.	
Configure resources for JMS system modules Configure resources for JMS system module Faled (0) Configure resources for JMS system module				
Improve Market Services Improve Market Services Improve Market Services Showing 1 to 1 of 1 Previous Next Improve Market Services Showing 1 to 1 of 1 Previous Next Improve Market Services Spatian Improve Services Spatian		A Contractor March 11		
		V Customize this table		
HIS Hoddles Showing i to i of 1 Previous Next Post Sources Previsitent Stores Provide INF Notes System Configure INF system modules System Configure INF system modules Showing i to i of 1 Previous Next System Status Paulo Context Head of Running Servers Previous (Intext) Paulo Context Previous Next System Status Showing i to i of 1 Previous Next Warring (i) Contage (i)		JHS Hodules		
Path Services Showing 1 to 1 of 1 Perious Next Presentent Stores Providers • Configure 201 Providers Image Av • Configure 201 Providers System • Configure 201 P		Cirk the Lock & Editivation in the Channe Center to activate all the	h store on this name	
		Con se tota a toto otorin se cie ge cene la ecitete el se	weren is not halfer	
Image: Species Spaces Type -Presiste Stores Name A Spistem -Work Caritests Presses Showing 1 to 1 of 1 Previous Next - Ordgure 2MS system modules Showing 1 to 1 of 1 Previous Next - Ordgure 2MS system modules Showing 1 to 1 of 1 Previous Next - Ordgure 2MS system modules Showing 1 to 1 of 1 Previous Next - Ordgure 2MS system modules Showing 1 to 1 of 1 Previous Next		Thew Codew		Showing 1 to 1 of 1. Drawing Nevt
Image: Contracts Name ex Name Ward Cantests PCLBS_SystemHodule System Configure 2MS system modules Configure resources for 2MS system modules Showing 1 to 1 of 1 Previous Next System Status Paled (0) Critical (0) Showing 1 to 1 of 1 Previous Next Faled (0) Critical (0) Critical (0) Showing 1 to 1 of 1 Previous Next		[[[]] []] []] []]]		storing to to t Hereby Here
Move Outcast Poulde System How do L. Poulde System • Configure 2MS system modules • Configure resources for 2MS system modules Showing 1 to 1 of 1 Previous Next System Status Pailed (0) • Critical (0) • Critical (0) • Critical (0) • Critical (0) • Critical (0) • Warring (0) • Critical (0)	-Persistent Stores	Rame A		Tune
New do L. Dystem • Configure 2MS system modules Configure resources for 2MS system modules • Configure resources for 2MS system modules Showing 1 to 1 of 1 Previous Next System Status Pailed (0) Contex doll (0) Overvaded (0) Warring (0) Next				1104
Note of all Previous Previous Next Configure resources for 3MS system modules Previous Next Nexten Status Previous Previous Next Pailed (0) Contak (0) Contak (0) Previous Next Warring (0) Warring (0) Previous Next Previous				System
Configure 2MS system modules Configure resources for 2MS system modules System Status System Status Faled (0) Conficut (0) Conficut (0) Warring (7)	HOW DO L	new Dektr		Showing 1 to 1 of 1 Previous Next
System Status Health of Running Servers Failed (0) Croce (0) Croce (0) Varning (0)				
Faced 02 Faced 02 Contract 00 Overheaded 00 Warning 00	 Configure resources for JMS system modules 			
Faced 02 Faced 02 Contract 00 Overheaded 00 Warning 00				
Failed (0) Criticia (0) Overloaded (0) Wanning (0)	System Status	a		
Critical (0) Cverbaded (0) Warring (0)	Health of Running Servers			
Overloaded (0) Wanng (0)	Failed (0)			
Warner (0)	Critical (0)			
Warning (0)				
OK (2)				
	OK (2)			

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

7.2.4 Subdeployment Creation

Follow the steps given below:

 Navigate to the WEBLOGIC Home Page. Click 'JMS Modules' on domain structure by expanding 'Messaging'. The following screen is displayed:

JMS Modules - fcubs113_domain - WL		
🕘 🕞 🔹 🙋 http://10.184.74.143:8888/cor	sole/console.portal?_nfpb=true&_pageLabel=http://10.184.74.143:88888/cons	ole/conside.portal?_nfpb=true8_pageLabel=http://10.184.74.143 👻 4 🗶 Google Powered Pandion Search
Ele Edit Yew Fgvorites Iools Help O McAfoo /		
🖌 🔅 🎢 JMS Modules - fcubs113_domain - V	ILS Console	💁 • 🔝 · 🖶 Base • 🎯 Tasi
	Administration Console	ç
Change Center	1 Home Log Out Preferences 🔤 Record Help	Q Welcome, weblogic Connected to: fcubs113_dom
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JM	S Servers >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >JHS Modules
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	JHS Hodules	
Lock & Edt Release Configuration	distributed queues, distributed topics, foreign servers, and 3MS store-and resources.	nderd J2EE modules. Such resources include queues, topics, connection factories, templates, destination keys, quota, -forward (SAP) parameters. You can administratively configure and manage JMS system modules as global system
Domain Structure	This page summarizes the JMS system modules that have been created for	r this domein.
cubs113_domain	Customize this table	
Deployments	JHS Hodules	
B-Services B-Messaging	New, Desny	Showing 1 to 1 of 1 Previous Next
JMS Servers		
Store-and-Forward Agents	🔲 Name 🏟	Туре
Path Services	FCUBS_SystemModule	System
Gridges		
Persistent Stores	New	Showing I to 1 of 1 Previous Next
Foreign JNDI Providers		
-Work Contexts		
tow do L		
Configure JMS system modules		
Configure resources for JMS system modules		
vstem Status		
lealth of Running Servers		
Faled (0)		
Critical (0)		
Overloaded (0)		
Warning (0)		
OK (2)		



2. Click 'Lock & Edit' button.

3. Select the JMS module created earlier.

Or A Log Control by Control and C	• () Tgols • '
McAtes McAtes McAtes McAtes McAtes McAtes McAtes McAtes McAtes McAtes McAtes M	õ
Change Center Welcome, weblogic Connected to: faults View changes and restarts Home Log Out: Preferences >Record Help Welcome, weblogic Connected to: faults No period changes exet. Clob: the Release configuration to allow others to set the doman. Col: 6 the Release configuration Security >Nonexity of DRC Data Sources >FLECTEST.WORLD >Summary of DRC Data S	Q
Change Center Welcome, weblogic Connected to: fools View changes and restarts No pending changes exet. Clob the Release configuration to allow others to set the doman. Welcome, weblogic Connected to: fools Loos & Errors Research Research Security of DNC Data Sources >FLETEST.WORLD >Summary of DNC Data Sources >FLETEST.WORLD >Summ	O f
Configuration Access software Access softw	s113_domain
New Configuration Module Lock Start Release Configuration Softling for FCUBS_SystemHodule Configuration Softling for FCUBS_SystemHodule Configuration Release Configuration Subdeployments Targets Secting for FCUBS_SystemHodule Configuration Softling for FCUBS_SystemHodule	
Configuration button to allow others to edit the domain. Settings for FCUB5_SystemModule Configuration Subdiployments Targets Security Notes This page displays general information about a 3H5 system module and its resources. It also allows you to configure new resources and access existing resources.	
Configuration Subdeployments Targets Security Notes Resease Configuration Subdeployments Targets Security Notes	
This page displays general information adout a Jin's system module and its resources, it also allows you to compute new resources and access existing resources.	
Domain Shurchere PCUB5_SystemModule The name of this JHS system module. Hore Info	
Bescriptor File Name: yns/PCU85_SystemModule-jns.xml The name of the 3MS module descriptor file. More Info	
⊕ Services	
Hessagns This page summittes the JM's resources that have been created for this JM's system module, including cause and topic destinations, connection factories, JMS templates, destination sort destination quoties that share and equivalence.	t keys,
and de res uesure sun quote, use oulea desuresun, nareguiserres, en a sue tenchorner per enters.	
- 2MS Modules - Defit Sections P Customize this table	
Path Services V Customize this table Definition Customize the table	
Data Sources Summary of Resources	
Persistent Stores New Drinty Showing 0 to 0 of 0. Previo	ous Next
Poregn 2007 Provides	
How do L B	
There are no items to display	
Configure 3/45 system modules New, Detrie Showing 0 to 0 of 0 Previo	ous Next
Configure subdeployments in JNS system Modules	
Configure resources for 2MS system modules	
System Status	
Health of Running Servers	
Faled (0)	
Critical (0)	
Overloaded (0)	
Warning (0)	
OK (2)	

4. Click 'Subdeployments' tab.

Settings for FCUBS_SystemModule - for	cubs113_domain - WLS Console - V	Windows Internet Explorer	
- 🔊 + 🖉 http://10.184.74.143:8888/co	onsole/console.portal?_nfpb=true@_pageLab	oel=JMSSystemModuleSubDeploymentTabPage8handle=	com.bea.console.handles.JM0Handle%28%22c 💌 🔄 🐼 Google Powered Pandon Search 🔰 🔎
jie Edit View Figvorites Tools Help D McAfee -			
🖌 🕸 🌈 Settings for FCUBS_SystemModule	a - fcubs113_domai		💁 • 🔝 👘 🖷 🖓 Bage • 🎯 Tools •
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 Modules >FCUBS_SystemModule	>FLEXTEST.WORLD >Summary of 2MS Servers >Summary	y of JDBC Data Sources > PLEXTEST.WORLD >Summary of JMS Servers > JMS
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Settings for FCUB5_SystemHodule	e	
Lock & Edit	Configuration Subdeployments	Targets Security Notes	
Release Configuration	This page displays subdeployments o grouped and targeted to a server re	reated for a JMS system module. A subdeployment is a source (such as JMS servers, server instances, or duste	mechanism by which JMS module resources (such as queues, topics, and connection factories) are r).
Domain Structure	1		<u>.</u>
Environment Deployments	Customize this table Subdeployments		
B-Services B-Messaging	New Delote		Showing 0 to 0 of 0 Previous Next
3MS Servers			
Store-and-Forward Agents	🔲 Name 🌧	Resources	Targets
Path Services		There are	e no items to display
Beridges Data Sources	New Delete		Shaving 0 to 0 of 0 Previous Next
Persistent Stores Foreign JNDI Providers			
Work Contexts			
How do L	1		
Configure subdeployments in 3MS system	1		
modules			
Configure JMS system modules			
iystem Status	1		
tealth of Running Servers			
Faled (0)	1		
Critical (0)			
Overloaded (0)			
Warning (0)			
OK (2)			
]		



5. Click 'New'. The following screen is displayed.

Create a New Subdeployment - fcubs1	13_domain - WLS Console - Windows Internet Explorer	
• •	nsole/console.portal?3msSystemModuleCreateSubDeploymentPortletreturnTo=3MSSystemModuleSubDeploymentTabl	Page6JMSSystemModuleSubDe 👻 😚 🗶 Google Powered Pandion Search 🛛 👂 •
Ele Edt Yew Favorites Icols Help McAfee		
🚖 🕸 🌈 Create a New Subdeployment - fout	bs113_domain - W	💁 • 🔝 - 🖶 • 🔂 Eage • 🎯 Tgols • "
	Administration Console	Q
Change Center	😰 Home: Log Out: Preferences 🔤 Record: Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC Data Sou Modules >FCUBS_SystemHodule	urces >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	Eack Next Frist Cancel	
Release Configuration	Subdeployment Properties	
Domain Structure	The following properties will be used to identify your new subdeployment. * Indicates required fields	
foubs113_domein	* Subdeployment Name: FCUBS	
Path Services Data Sources Persistent Stores Persistent Stores Work Contexts		
How do L. E		
modules		
System Status		
Health of Running Servers		
Failed (0) Critical (0) Overloaded (0)		
Warning (0) OK (2)		

6. Specify the Subdeployment Name as 'FCUBS'. Then click 'Next'. The following screen will be displayed.

Create a New Subdeployment - fcubs11	3_domain - WLS Console - Windows Internet Explorer	
🚱 🕤 🔹 http://10.184.74.143:88888/core	iole/console.portal?3ms5ystenModuleCreateSubDeploymentPortlet_actionOverride=/com/bea/console/ac	tions/jms/modules/system/createsubdep 💙 🐓 🗙 Google Powered Pandon Search 🛛 👂 🔹
Ele Edit Yew Fgvorites Icols Help McAfect / •		
😭 🔅 🌈 Create a New Subdeployment - fcub	s113_domain - W	💁 • 🔝 - 📾 • 🕜 Expe • 🔘 Tools • 🎽
ORACLE WebLogic Server®	Idministration Console	Q
Change Center	😰 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JOBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >Summary of JOB Modules >FCUBS_SystemModule	C Data Sources > PLEXTEST.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 Tield Finah Cancel	
Release Configuration	Targets	
Domain Structure	Please select targets for the Subdeployment	
foubs113_domain	Servers	
Environment		
Deployments BirServices	HanagedServer1	
Messaging MS Servers	JH5 Servers	
Store-and-Forward Agents		
-JMS Modules	CUBS_JHSServer	
B-Bridges Data Sources	terrel ment formal formal	
Persistent Stores	Back Tiest Finish Cancel	
Foreign JNDI Providers 		
How do L		
HOW OV L		
 Configure subdeployments in JMS system modules 		
Eusteen Etatur		
System status		
Health of Running Servers		
Faled (0)		
Critical (0) Overloaded (0)		
Warning (0)		
OK (2)		

- 7. Select the JMS Server (as created by the user).
- 8. Click 'Finish' button.



9. Following screen is displayed.

C Settings for FCUBS_SystemModule - fc	ubs113_domain - WLS Console - Windo	ws Internet Explorer		5 🗙
(3) + e http://10.184.74.143:8888/con	nsole/console.portal?_nfpb=true8_paget.abel=3M	SSystemModuleSubDeploymentTabPage	🖌 🛃 🔀 Google Powered Pandon Search	۶٠
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🚖 🕸 🌈 Settings for FCUBS_SystemModule -	- fcubs113_domai		💁 🔹 🔝 🕤 📾 🔹 🚱 Eage 🔹 🎯 Tgols	- 31
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10. Click 'Activate Changes'. Following screen is displayed.

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7.2.5 JMS Queue Creation

1. Select the JMS Module created earlier.

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Click the Lock & Edit button to modify, add or delete items in this domain.	Settings for FCUE	15_SystemHodu	le					
Lock & Edit	Configuration	Subdeployments	Targets Securit	ty Notes				
Release Configuration	This page display	is peneral informat	on about a 3MS syst	em module and its resources. It a	iso allows you to conf	foure new resources and ac	cess existing resources.	
Domain Structure]				/*****			
fo.bs113_domain	Name:		FCUBS	SystemModule		The name of this JN	IS system module. More Info	
B-Environment Deployments B-Services Messaging	Descriptor File	Descriptor File Name: jms;PCU85_SystemModule-jms.xml				The name of the JMS module descriptor file. More ${\rm Info}\ldots$		
3MS Servers Store-and Forward Agents 3MS Modules				n created for this JMS system mo ers, and store-and-forward parar		and topic destinations, conn	ection factories, JMS templates,	destination sort keys,
Path Services Findoes	Customize thi	s table						
-Data Sources	Summary of R							
Persistent Stores	No. of Concession, Name			tivate all the buttons on this pao	230			
- Foreign JNDI Providers	CIOC THE LOCK &	Edite putton in the	Change Center to ac	tovate all the puttons on this page	e.			
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Overloaded (0)								
Warning (0)								
OK (2)								
c~ (2)	1							

- 2. You need to set the configuration for FCUBS_SystemModule is to be set.
- 3. Click 'Configuration'. Then click 'Lock & Edit'. The Following screen is displayed.

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o pending changes exist. Click the Release onfiguration button to allow others to edit the omain.	Settings for FCUB5_SystemMod	ule			
Lock & Est	Configuration Subdeployments	Targets Security	Notes		
Release Configuration	This page displays general informa	ton about a JMS system	module and its resources. It also all	ws you to configure new resources and access e	xisting resources.
omain Structure	Name:	FCUB5_Sy	stenModule	The name of this 3MS syst	tem module. More Info
vironment Description File Name					
Services P-Messaging	This page summarizes the JMS res	ources that have been on		cluding queue and topic destinations, connection	Lue descriptor file. More Info factories, JMS templates, destination sort keys,
Services	This page summarizes the JMS res destination quota, distributed desi Customize this table Summary of Resources	ources that have been on	-	cluding queue and topic destinations, connection	factories, JHS templates, destruction sort keys,
Fservors ⊟ Messaging → 3MS Servers → Store-and-Formard Agents → 2MS Modules → 2MS Modules → Data Sources	This page summarizes the 2HS res destination outs, distributed desi Customize this table Summary of Resources	ources that have been on nations, foreign servers,	when for this 345 system module, is and store-and-forward parameters	cluding queue and topic destinations, connection	factories, JHS templates, destination sort keys, Showing 0 to 0 of 0 Previous Next
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4. Click 'New'. The following screen is displayed.

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Change Center	🔒 Home: Log Out: Preferences 🔤 Record: Help	Q	Welcome, weblogic Connected to: fcubs113_domain
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No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Create a New JHS System Hodule Resource		
	Back Next Frint 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, topics, templates, and co	onnection factories.
fcubs113_doman + B Environment Deployments D Services		3MS SAF destinations, you can also procee	the resource. For targetable resources, like stand-alone queues and topics, connection ed to targeting pages for selecting appropriate server targets. You can also associate sources and the members to server resources.
Messaging MS Servers Store-and-Forward Agents	O Connection Factory		Defines a set of connection configuration parameters that are used to create connections for 3HS clients. More Info
	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. More Info
Persistent Stores Persign 3NDI Providers Work Contexts	🔿 Торіс		Defines a publish/subscribe destination type, which are used for asynchronous peer communications. A message delivered to a topic is distributed to all topic consumers. More Info
How do I Configure quotas for destinations	O Distributed Queue		Defines a set of queues that are distributed on multiple IMS servers, but which are accessible as a single, logical queue to IMS clients. More Info
Configure JMS templates Configure destination keys	O Distributed Topic		Defines a set of topics that are distributed on multiple IMS servers, but which are accessible as a single, logical topic to IMS clients. More Info
Configure topics Configure queues Configure connection factories	O Foreign Server		Defines foreign messaging providers or remote WebLogic Server instances that are not part of the current domain. More Info
Configure connection raciones Configure uniform distributed topics Configure uniform distributed queues	O 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) JHS Template		Defines a set of default configuration settings for multiple destinations. More Info
Health of Running Servers Failed (0) Critical (0) Overloaded (0)	SAF Imported Destinations		Defines a collection of imported store-and-forward (SAF) destinations, A SAF destination is a representation of a queue to tapic in a remiote server instance or duster that is imported in the fload duster or server instance, so that the load server instance or duster can send messages to the remote server instance or duster. We of first
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5. Select the 'Queue' option. Then click 'Next'.

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belli 3 domant Performent Pe	Release Configuration	JHS Destination Properties	
Provement - Selvered forward Agents - Selvered forward - Selvered forward - Selvered forward	Domain Structure	The following properties will be used to identify your new Queue. The current module is FCUBS_SystemModule.	
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JHO I Rame: JHO I Rame: JHO I Rame: JHO I Rame: Template: Template: <td>⊖-Services ⊝-Messaging</td> <td>*Name: NOTIFY_DEST_QUEUE</td> <td></td>	⊖-Services ⊝-Messaging	*Name: NOTIFY_DEST_QUEUE	
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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.

C Create a New JMS System Module Resource - fcubs113_	omain - WLS Console - W	indows Internet Explore	ir	
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🚖 🗇 🌈 Create a New JMS System Module Resource - foubs11				💁 • 🔝 🐇 🖶 Eage • 🎯 Tgols •
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Change Center 🙆 Home Log Out	Preferences 🔛 Record Help	9		Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts Home > Summary Modules > FCUBS	JOBC Data Sources > PLEXTEST./ SystemModule	WORLD > Summary of JMS Serv	ers >Summary of JDBC Data Source	es > PLEXTEST.WORLD > Summary of IMS Servers > IMS
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	System Module Resource			
Lock & Est	inish Cancel			
Release Configuration The following	roperties will be used to tar	rget your new JHS system	module resource	
fcubs113_domain A SAF agent. If ne module's subdep	elect a subdeployment to assign essary, you can create a new su yment management page.	n this system module resource. ubdeployment by clicking the C	A subdeployment is a mechanism Create a New Subdeployment	by which JMS resources are grouped and targeted to a server instance, cluster, or button. You can also reconfigure subdeployment targets later by using the parent
⊖-Messaging	syment you want to use. If you			
3MS Servers Subdeployment Store-and-Forward Agents	FCODE	S Create a New Subdepi	oyment.	
Path Services Bight Services Targets : Data Sources	ou want to assign to this subdep	ioyment/		
Persistent Stores Preign 3NDI Providers Work Contexts				
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Configure quotas for destinations Back Next	inish Cancel			
Configure JMS templates Configure destination keys	and a second second			
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)				
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Done				Succal intranet 🔍 100% 🔹



6.	Select the	managed s	erver cre	ated by	the user.	Click	'Finish'	button.
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	Settings for FCUBS_SystemModul	e					
Undo All Changes	Configuration Subdeployments	Targets Securi	ty Notes				
Domain Structure							
fcubs113_domain Environment Deployments	This page displays general information	on about a JMS sys	tem module a	nd its resources. It also allows you	to configure new resources and access ex	isting resources.	
B-Services B-Messaging	Name:	85_SystemModule		The name of this JMS syste	The name of this JMS system module. More Info		
	Descriptor File Name:		CUBS_System		The name of the JMS module descriptor file. More Info		
Periodes Data Sources Periodes Periodes Periodes Periode Sources Poreign 3/02 Providers Work Contexts ***	This page summaries the 3% resources that have been created for this 3% system module, including queue and topic destinations, connection factories, 3% templates, destination sor destination queue and topic destinations, foreign servers, and store-end-forward parameters.						
How do L.	New, Delete					Showing 1 to 1 of 1 Previous Na	ext
Configure JMS system modules Configure subdeployments in JMS system	🔲 Name 🏟	1	Гуре	JNDI Name	Subdeployment	Targets	
modules Configure resources for 3MS system modules	NOTIFY_DEST_QUEUE	4)ueue	NOTIFY_DEST_QUEUE	FCUBS	FCUBS_JMSServer	
System Status	New. Dritte					Showing 1 to 1 of 1 Previous Ne	ext
Health of Running Servers							
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Warning (0)							
OK (2)							

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

McAfee Settings for FCUB5_SystemModule						
	e - fcubs113_domai				💁 • 🔯 · 🖶 • 🕑 Bage • 🎱 Tgols	
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w changes and restarts	Home >Summary of JDBC Data Sources >Fi Modules >FCUBS_SystemModule	EXTEST.WORLD > Summar	y of JMS Servers >Summary of JDBC Data !	Sources > PLEXTEST.WORLD > Summary of	JHS Servers >JHS	
pending changes exist. Click the Release infiguration button to allow others to edit the	Settings for FCUBS_SystemNodule					
Nein.	Configuration Subdeployments Ta	gets Security Notes				
Release Configuration	This page displays general information at	out a JMS system module	and its resources. It also allows you to o	onfigure new resources and access exist	ing resources.	
main Structure	Name:	FCUBS_SystemMo	dule	The name of this JMS system	module. More Info	
# Environment Deployments	Descriptor File Name:	jms/FCUBS_Syste	mModule-jms.xml	The name of the JMS module descriptor file. More Info,		
Store-and-Forward Agents 	Customize this table Summary of Resources				Showing 1 to 1 of 1 Previous Next	
Foreign JNDI Providers Work Contexts			JNDI Name			
w do I 🖂		Type		FCL85	FCLBS_JMSServer	
Configure JMS system modules		Queue	NOTIFY_DEST_QUEUE	PCUBS		
Configure subdeployments in JMS system nodules	New Debte				Showing 1 to 1 of 1 Previous Next	
Configure resources for JMS system modules]					
stem Status						
stem Status alth of Running Servers						
stem status						

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

7.2.6 JMS Connection Factory Creation

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

1. Click 'New'.

Settings for FCUBS_SystemModule - fo	ubs113_domain - Wi	S Console - Windows Inte	rnet Explore	HT			
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Change Center	A Home Log Out P	references 🔛 Record Help		9	Welc	ome, weblogic Connected to: fcubs113_do	main
View changes and restarts	Home >Summary of J Modules >FCUBS_Sy	DBC Data Sources > FLEXTEST.W/ stamModule	RLD > Summary	of JMS Servers >Summary of JDBC Data	Sources >FLEXTEST.WORLD >Summary o	JNS Servers >JMS	
No pending changes exist. Click the Release Configuration button to allow others to edit the	Settings for FCUB5	SystemHodule					
domain.	Configuration S.	bdeployments Targets Se	curity Notes				
Release Configuration	This page displays g	eneral information about a 3MS	system module a	ind its resources. It also allows you to	configure new resources and access exis	ting resources.	
Domain Structure	Name:	FC	UB5_SystemMod	tule	The name of this JMS system	module. More Info	11
foubs113_domain	Descriptor File Nar	ne: jm	/FCUBS_System	Module-jms.xml	The name of the JMS module descriptor file. More Info		
H-Messaging H-Messaging Store-and-Forward Agents	This page summarize destination quota, of Customize this to Summary of Reso	istributed destinations, foreign : able	been created fo pervers, and sto	r this JMS system module, including qu re-and-forward parameters.	eue and topic destinations, connection fa	ctories, JNS templates, destination sort keys,	
-Persistent Stores	New Delete					Showing 1 to 1 of 1 Previous Next	.t
	🔲 Name 🔿		Туре	JNDI Name	Subdeployment	Targets	1
How do L. E Configure 3MS system modules	NOTIFY_DES	T_QUEUE	Queue	NOTIFY_DEST_QUEUE	FCUBS	FCUBS_JMSServer	11
Configure JHS system modules Configure subdeployments in JHS system modules	New, Delete					Showing 1 to 1 of 1 Previous Next	*
Configure resources for JMS system modules							_
System Status							
Health of Running Servers							
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Critical (0)							
Overloaded (0)							
Warning (0)							
OK (2)							



The following screen is displayed:

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e Edit View Favorites Tools Help MitAfore -			
🔗 🌈 Create a New 3MS System Modul	e Resource - fcubs11		🛐 • 🔝 🕗 🖶 • 🔂 Enge • 🎯 Tgols -
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iew changes and restarts	Home >Summary of JDBC Data Sources >PLEXTEST.WORLD >S Modules >FCUBS_SystemModule	lummary of 3MS Servers >Summary of 3DBC Data	Sources > PLEXTEST.WORLD > Summary of IMS Servers > IMS
o pending changes exist. Click the Release onfiguration button to allow others to edit the omain.	Create a New JHS System Module Resource		
	Back Next Frish Cancel		
Release Configuration	Choose the type of resource you want to create.		
omain Structure	Use these pages to create resources in a JMS system modul	e, such as queues, topics, templates, and conn	vection factories.
ubs113_doman		d JMS SAF destinations, you can also proceed	e resource. For targetable resources, like stand-alone queues and topics, connection to targeting pages for selecting appropriate server targets. You can also associate surces 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
	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. More Info
Persistent Stores Foreign 3NDI Providers Work Contexts	🔿 Торіс		Defines a publish/subscribe destination type, which are used for asynchronous peer communications. A message delivered to a topic is distributed to all topic consumers. More Info
ow do L. E	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 JNS servers, but which are accessible as a single, logical topic to JNS clients. More Info
Configure topics Configure queues Configure connection factories	O Foreign Server		Defines foreign messaging providers or remote WebLogic Server instances that are not part of the current domain. More Info
Configure uniform distributed topics Configure uniform distributed queues	🔘 Quota		Controls the allotment of system resources available to destinations. More $\ensuremath{\texttt{Info}}\xspace.$
Configure foreign servers Configure JMS SAF	O Destination Sort Key		Defines a unique sort order that destinations can apply to arriving messages. More Info
ystem Status E	O JHS Template		Defines a set of default configuration settings for multiple destinations. More info
Faled (0) Critical (0) Overloaded (0)	SAF Imported Destinations		Defines a collection of imported store-and-forward (SAP) destinations, A SAP destination is a representation of a queue or topic in a remote server instance or duster that is imported in to the local dustor or server instance, so that the local server instance or duster can send messages to the remote server instance or duster. We be find

2. Select 'Connection Factory'. Click 'Next'.

C Create a New JMS System Module Res	ource - fcubs113_domain - WLS Conso	ole - Windows Internet Explorer	
🚱 🕤 🔹 🙋 http://10.184.74.143:8888/co	nsole/console.portal?3msCreateSystemModuleEn	kkyPortlet_actionOverride=/com/bea/console/actions/jms/modules/system/createentky/selectEntk 💌 👫 🔀 Google Powered Pi	andion Search
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🖌 🐼 🌈 Create a New JMS System Module	Resource - fcubs11	💁 • 🗇 · 🖶 •	🔂 Bage + 🏈 Tgols •
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No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Create a New JMS System Module Res	ource	
Lock & Eas	Back Next Finish Cancel		
Release Configuration	Connection Factory Properties		
Domain Structure	The following properties will be used to ide "Indicates required fields	entify your new connection factory. The current module is PCUBS_SystemModule.	
cubs113_domain *.	What would you like to name your new con-	necton factory?	
B-Services D-Messaging 3MS Servers	" Name:	NotifyDestQCF	
Store-and-Forward Agents 	What JNDI Name would you like to use to lo JNDI Name:		
Beridges Data Sources	JNUL Name:	NotifyDestQCF	
Persistent Stores Persign 3NDI Providers	The Connection Factory Subscription Sharin Subscription Sharing Policy:	ng Polcy Subscribers can be used to control which subscribers can access new subscriptions. Should subscriptions created using this fac	tory be sharable?
I IWork Contexts	autoription sharing roacy.	Exclusive 💌	
How do L		t than one JMS connection can use the same Clent ID. Oracle recommends setting the Clent ID policy to Unrestricted if sharing durable ID policies are always treated as independent subscriptions. What Clent ID Policy would you like to use?	subscribers.
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. Should this connection factory impose a limit?	
Configure connection factories Configure uniform distributed topics	Maximum Messages per Session:	10	
Configure uniform distributed queues Configure foreign servers	Should this connection factory create sessio	ons that are JTA aware, and create XA queues and XA topics?	
Configure JMS SAF	✓ XA Connection Factory Enabled		
System Status	Back Next Finish Cancel		
Health of Running Servers			
Faled (0)			
Critical (0) Overloaded (0)			
ne	I	See Local intranet	€ 100% ·



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

The	following	screen	is	displayed:	

Create a New JMS System Module Resou	urce - fcubs113_domain - WLS Console - Windows Internet Explorer	
• e http://10.184.74.143:8888/cons	$sole/console.portaP3msCreateSystemModuleEntityPortlet_actionOverride=/com/bea/console/actions/jms/connection/interval actionS1000000000000000000000000000000000000$	(createjinsconnectionfactory) 💌 🕂 🔀 Google Powered Pandion Search 🛛 🔎
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iew changes and restarts	Home >Summary of JDBC Data Sources >PLEXTEST.WORLD >Summary of JMS Servers >Summary of JDBC Data Sou Modules >FCUBS_SystemModule	rces > PLEXTEST.WORLD > Summary of JMS Servers > JMS
o pending changes exist. Click the Release onfiguration button to allow others to edit the omain.	Create a New JHS System Hodule Resource	
Lock & Eat	Back first Finish Advanced Targeting Cancel	
Release Configuration	The following properties will be used to target your new JHS system module resource	
omain Structure	Use this page to view and accept the default targets where this JMS resource will be targeted. The default target accept the default targets, then click Advanced Targeting to use the subdeployment mechanism for targets	gets are based on the parent JMS system module targets. If you do not want to ng this resource.
Environment "Deployments	The following JMS module targets will be used as the default targets for your new JMS system module resource.	If the module's targets are changed, this resource will also be retargeted
Services © Messaging	appropriately.	
	Targets :	
Store-and-Forward Agents		
-JMS Modules	Servers	
Path Services		
Data Sources	ManagedServer1	
Persistent Stores		
Foreign JNDI Providers	Back Finah Advanced Targeting Cancel	
Work Contexts	Tank Inter Liner whence is April	
w do L. 🗉		
Configure quotas for destinations		
Configure JMS templates		
Configure destination keys		
Configure topics		
Configure queues		
Configure connection factories		
Configure uniform distributed topics		
Configure uniform distributed queues		
Configure foreign servers		
Configure JMS SAF		
stem Status		
alth of Running Servers		
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7.	Click 'Advanced	Targeting'.	The following	screen is	display	ved

Concerned in the USE provest in the USE prove in the	Create a New JMS System Module Res	ource - fcubs113_domain - WLS Console - Windows Internet Explorer	
Contractions Co	- 🔊 + ktp://10.184.74.143:8888/c	nsole/console.portal	Scogle Powered Pandion Search
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Charge Center Water Appender and Festards Importing Appender	🖌 💠 🌈 Create a New JMS System Module	Resource - fcubs11	💁 • 🔝 · 🖶 • 🔂 Bage • 🔕 Tgols •
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Image: Configure states Betases: Configure states	Configuration button to allow others to edit the		
Demain Structure Contain Structure		Back Tierr Finan Cancel	
Safe agent. If needsary, you can needs a new ibddeployment by doing the Create a New Subdeployment button. You can also reconfigure subdeployment targets late by uang the parent Safe agent. If needsary, you can needs a new ibddeployment by doing the Create a New Subdeployment button. You can also reconfigure subdeployment targets late by uang the parent Safe agent. If needsary, you can needs a new ibddeployment by doing the Create a New Subdeployment button. You can also reconfigure subdeployment targets late by uang the parent Safe agent. If needsary, you can needs a new ibddeployment by doing the Create a New Subdeployment button. You can also reconfigure subdeployment targets late by uang the parent Safe agent. If needsary, you can needs a new ibddeployment by doing the Create a New Subdeployment button. You can also reconfigure subdeployment targets late by uang the parent Safe agent. If needsary, you can needs a new ibddeployment? Safe agent. If needsary, you can needs a new ibddeployment? Safe agent. If needsary, you can needs a New Subdeployment? Safe agent. If needsary Configure paces Configure foregreeners Configure foregreeners	Release Configuration	The following properties will be used to target your new JHS system module resource	e
Select the subdeployment you want to use. If you select (none), no targeting will occur. Subdeployment to use. If you select (none), no targeting will occur. Subdeployment to use. If you select (none), no targeting will occur. Subdeployment to use. If you select (none), no targeting will occur. Subdeployment to use. If you select (none), no targeting will occur. Subdeployment to use. If you select (none), no targeting will occur. Subdeployment to use. If you select (none), no targeting will occur. Subdeployment to use. If you select (none), no targeting will occur. Subdeployment to use. If you select (none), no targeting will occur. Subdeployment to use. If you select (none), no targeting will occur. Subdeployment to use. If you select (none), no targeting will occur. Subdeployment to use. If you select (none), no targeting will occur. Subdeployment to use. If you select (none), no targeting will occur. Subdeployment to use. If you select (none), no targeting will occur. Subdeployment to use. If you select (none), no targeting will occur. Subdeployment to use. If you select (none), no targeting will occur. Subdeployment to use. If you select (none), no targeting will occur. Subdeployment to use. If you select (none), no targeting will occur. Subdeployment to use. If you select (none), no targeting will occur. Subdeployment to use. If you select (none), no targeting will occur. Subdeployment to use. If you select (none), no targeting will occur. Subdeployment to use. If you select (none), no targeting will occur. Subdeployment to use. If you select (none), no targeting will occur. Subdeployment to use. If you select (none), no targeting will occur. Subdeployment to use. If you select (none), no targeting will occur. Subdeployment to use. If you select (none), no targeting will occur. Subdeployment to use. If you select (none), no targeting will occur. Subdeployment to use. If you select (none), no targeting will occur. Subdeployment to use. If you select (none), no targeting will occ	Domain Structure fcubs113_domain	SAF agent. If necessary, you can create a new subdeployment by clicking the Create a New Sub	
Subdeployments: FCUBS × Create a New Subdeployment. Subdeployments: FCUBS × Create a New Subdeployment. And Shoules Subdeployments: Pest Services What targets do you want to assign to this subdeployment. Targets : Servers Configure quotes for destinations HanagedServer1 Sonfigure quotes for destinations ImagedServer1 Sonfigure quotes for destinations ImagedServer1 Sonfigure quotes for destination keys ImagedServer1 Configure quotes for destination keys ImagedServer1 Sonfigure quotes for destination keys ImagedServer1 Configure uniform distributed quotes ImagedServer1 States ImagedServer1	B-Services	Select the subdeployment you want to use. If you select (none), no targeting will occur.	
Pack Modules Pack Stockes Pack Stockes Pack Stockes Configure stockes Pack Pack Pack Pack Pack Pack Pack Pack	113MS Servers	Subdeployments: FCUBS V Create a New Subdeployment	
	-JMS Modules	What targets do you want to assign to this subdeployment?	
Pression: Stores Yead: Contexts Configure quotes for destruations Configure quotes for destruations Configure quotes for destruation keys Configure for generes Configure for generes Configure for generes Configure (or generes)		Targets :	
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Configure destination keys Configure stores Configure contention factorized opuids Configure unform distributed tracis Configure unform distributed opuids Configure forming servers	Configure quotas for destinations	JHS Servers	
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Configure queues Configure connection factories Configure foregone servers Configure foregone servers Configure 2015 SAP System Status Paid (0) Critical (0)		FCUB5_JMSServer	
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Configure 3HS SAF			
System Status B Health of Running Servers Pailed (0) Critical (0)	Configure foreign servers		
Health of Running Servers Palad (0) Critical (0)	Configure JMS SAF		
Health of Running Servers Palad (0) Critical (0)			
Palad (0) Critical (0)	System Status		
Critical (0)	Health of Running Servers		
Overloaded (0)	Critical (0)		
	Overloaded (0)		

- 8. Select the 'Subdeployments' as FCUBS.
- 9. Under JMS Servers, check the box against 'Managed Server'.
- **10.** Click 'Finish'. The following screen is displayed:

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McAfee .								
🖌 🐼 🌈 Settings for FCUBS_SystemModule	- fcubs113_dor	nai					9	• 🔝 · 🖶 • 🔂 Eage • 🌍 Too
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Pending changes exist. They must be activated to take effect.	Messages							
 Activate Changes 	• com	ection factory created succ	issnury.					
Undo All Changes	Settings f	or FCUBS_SystemModul	e					
	Configur	ation Subdeployments	Targets	Security	Notes			
Iomain Structure								
bubs113_domain	This pag	e displays general informati	on about a	JMS system	n module and its resour	ces. It also allows you to configure	e new resources and access existing res	sources.
P-Services E-Messaging	Name:			FCU65_5	SystemModule		The name of this JMS system modul	le. More Info
JMS Servers Store-and-Forward Agents	Descript	tor File Name:		jms/FCUE	BS_SystemModule-jms.	mi	The name of the JMS module description	ptor file. More Info
Path Services Path Services Path Services Deta Sources Persistent Stores Proregn JNDI Providers Work Contexts **	estinat	e summarizes the JHS reso ion quota, distributed destr nize this table my of Resources	roes that h ations, fore	ave been o eign servers	created for this 345 sys s, and store-and-forwa	tem module, including queue and id parameters.	topic destinations, connection factories,	, JMS templates, destination sort keys,
Path Services The Droges Data Sources Persistent Stores Foreign JHDI Providers	Custon Summa	ion quota, distributed destr nize this table	roes that h ations, fore	ave been o	created for this 345 sys s, and store-and-forwa	tem module, including queue and id parameters.	topic destinations, connection factories,	,345 templates, destination sort keys, Showing 1 to 2 of 2 Previous Next
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An Serves An Serves Data Details Sources Details Sources Persentent Stores Person JUC Provides Provides Vitari Contexts Configure 3/65 system modules Configure subdeployments in 3/65 system medules Configure resources for 3/45 system modules ystem Status	Vestore Vestor	In quota, datributed deatr nize this table ory of Resources Dente Name & NotificestQCF NOTIFICEST_QUEUE	roes that h atons, fore	Type Connecto	s, and store-and-forws	3HDI Name NotifyGestQCF	Subdeployment PCUBS	Showing 1 to 2 of 2 Previous Next Targets PCL85_2HSServer PCL85_2HSServer
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Parti Services Brevices Brevices Data Sources Persister Stores Foreign 3/CD Providers vices Foreign 3/CD Providers vices Configure subdeployments in 3/KS system modules Configure resources for 3/KS system modules vices vices vices Faled (0)	Vestore Vestor	In quota, datributed deatr nize this table ory of Resources Dente Name & NotificestQCF NOTIFICEST_QUEUE	roes that h	Type Connecto	s, and store-and-forws	3HDI Name NotfyGestQCF	Subdeployment PCUBS	Showing 1 to 2 of 2 Previous Next Targets PCL85_2HSServer PCL85_2HSServer



- **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.

C Settings for NotifyDestQCF - fcubs113	Iomain - WLS Console - Windows In	iternet Explorer			
G . + Ittp://10.184.74.143:8888/con	le/console.portal?_nfpb=true&_pageLabel=.	3MSConnectionFactorygeneralTabPage8handle	-com.bea.console.handles.3M0Handle%28%22com 🛩	😝 🗙 Google Powered Pandon Search 🖉 🔹	
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Change Center	🙆 Home Log Out Preferences 🔤 Reco	ord Help	We	come, weblogic Connected to: fcubs113_domain	
View changes and restarts	Home >FLEXTEST.WORLD >Summary of 34 Modules >FCUBS_SystemModule >NotifyDe	NS Servers >Summary of IDBC Data Sources >PU atQCF >FCUBS_SystemModule >NotifyDestQCF	OTEST.WORLD >Summary of JMS Servers >JMS		
Pending changes exist. They must be activated to take effect.	Settings for NotifyDestQCF				
Activate Changes	Configuration Subdeployment Not	tes			
Undo All Changes	General Default Delivery Client	Transactions Flow Control Load Balance	Security.		
Domain Structure	Save				
fcubs113_domain Environment Deployments Binservices	Use this page to define the general confi	fguration parameters for this JMS connection fe	ctory, which includes various client connection, default de	livery, load balancing, and security parameters.	
Hessaging	1 Name: NotifyDestQCF		The name of this JMS conn	The name of this JMS connection factory. More Info	
Store-and-Forward Agents 3MS Modules	JNDI Name: NotifyDestQCF		The global JNDI name user 3NDI namespace. More 1	d to look up a connection factory within a dustered info	
Bridges Data Sources Persistent Stores	🔲 🕂 Default Targeting Enabled		Specifies whether this 3MS or uses the subdeploymen	Specifies whether this 3MS resource defaults to the parent module's targeting or uses the subdeployment targeting mechanism. More Info	
Foreign 3NDL Providers	- P Advanced				
How do I	Save				
100 00 1-					
Configure connection factories					
System Status					
Health of Running Servers					
Pailed (0)					
Critical (0)					
Overloaded (0)					
Warning (0)					
OK (2)					

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

C Settings for NotifyDestQCF - fcubs113	I_domain - WLS Console - Windows Internet Explorer			
(C) - (a) http://10.184.74.143:88888/co	nsole/console.portal?_nfpb=true&_pageLabel=3MSConnectionFactorytransactionparamsTabPage&handle=	com.bea.console.handles34094andle%. 💌 49 🗙 Google Powered Pandon Search 🛛 🔎 🔹		
Elle Edit View Pgyorites Icols Help McAfee /				
🚖 🐼 🌈 Settings for NotifyDestQCP - fcubs	113_domain - WLS	💁 • 🔝 · 🖶 • 🖓 Bage • 🎯 Tgols • 🎽		
	Administration Console	Q 1		
Change Center	😰 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain		
View changes and restarts	Home >FLEXTEST.WORLD >Summary of JHS Servers >Summary of JDBC Data Sources >FLEXTEST.WORL Modules >FCUBS_SystemModule >NotifyDextQCF >FCUBS_SystemModule >NotifyDextQCF	D >Summary of IMS Servers >IMS		
Pending changes exist. They must be activated to take effect.	Settings for NotifyDestQCF			
Activate Changes	Configuration Subdeployment Notes			
Undo All Changes	General Default Delivery Client Transactions Flow Control Load Balance Security			
Domain Structure	Save			
foubs113_doman	Use this page to define the transaction configuration for this JMS connection factory. You can define factory is returned, which create sessions that are JTA user-transaction aware.	a transaction time-out value, and also indicate whether an XA queue or XA topic connection		
3MS Servers Store-and-Forward Agents	Transaction Timeout: 3600	The timeout value (in seconds) for all transactions on connections created with this connection factory. More Info		
2MS Modules Path Services (B) Bridges Data Sources Persistent Stores	또 🦣 XA Connection Factory Enabled	Dridcates whether a XA queue or XA topic connection factory is returned, instead of a queue or topic connection factory. AnX connection factory can be used to oreate an AlX-Connection, which in turn may be used to create an XASession, which in turn may be used to obtain an XAResource for use inside a transaction manager. More 156		
How do L.	Save			
Configure connection factories				
Custom Chatur El				
System Status				
Faled (0)				
Critical (0)				
Overloaded (0)				
Warning (0)				
OK (2)				

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

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

C Settings for NotifyDestQCF - fcubs113	_domain - WLS Console - Windows Interne	t Explorer				
G . + ttp://10.184.74.143:8888/cor	rsole/console.portal?_nfpb=true&_pageLabel=JMSCo	nnectionFactorytransactionparamsTabPage88	andie-com.bea.console.handles.3M0Handle% 👻 😚 🗙 Google Powered Pandon Search 👂 🔹			
Ele Edit Yew Favorites Iools Help						
🚖 🔅 🌈 Settings for NotifyDestQCF - fcubst	113_domain - WLS		🚳 • 🔝 🐇 🖶 • 🚱 Enge • 🎯 Tgols • 🎽			
	Administration Console		Q 🗠			
Change Center	🔒 Home Log Out Preferences 🔤 Record He	ép 🔍	Welcome, weblogic Connected to: fcubs113_domain			
View changes and restarts	Home »FLEXTEST.WORLD »Summary of 3MS Serv Modules »FCURS_SystemModule »NotFyDestQCF	ers >Summary of JDBC Data Sources >PLEXTES >PCUBS_SystemModule >NotifyDestQCF	T.WORLD >Summary of INS Servers >IMS			
Pending changes exist. They must be activated to take effect.	Messages					
Activate Changes	 Settings updated successfully. 					
Undo All Changes	Settings for NotifyDestQCF					
	Configuration Subdeployment Notes					
Domain Structure	General Default Delivery Client Trans	actions Flow Control Load Balance S	ecurity			
fcubs113_domain Brenvironment	Save					
Peployments B-Services	anna					
Hessaging H3MS Servers Store-and-Forward Agents	Use this page to define the transaction configure factory is returned, which create sessions that		n define a transaction time-out value, and also indicate whether an XA queue or XA topic connection			
3MS Modules Path Services @-Bridges	Transaction Timeout:	3600	The timeout value (in seconds) for all transactions on connections created with this connection factory. More Info			
Paraistent Stores Persistent Stores Poreign JNDI Providers Work Contexts	✓ d XA Connection Factory Enabled		Indicates whether a XA queue or XA topic connection factory is returned, instead of a gueue or topic connection factory. An XA connection factory can be used to reside an XX-Connection, which in turn may be used to create an XASession, which in turn may be used to obtain an XAResource for use inside a transaction manager. More fifty.			
How do L.			a variation manage : Price anothe			
Configure connection factories	Save					
System Status			,			
Health of Running Servers						
Failed (0)						
Critical (0)						
Overloaded (0)						
Warning (0) OK (2)						

- 16. The message 'Settings updated successfully' is displayed.
- Click 'Activate Changes' button under 'Change Center'. The message 'All the changes have been activated. No restarts are necessary' is displayed.

Settings for NotifyDestQCF - fcubs11	3_domain - WLS Console - Windows Internet Explorer					
🚱 🕞 🔹 http://10.184.74.143:88888/cc	nsole/console.portal?_nfpb=true8_pageLabel=http://10.184.74.143	:8888/console/console.portal?_nfpb=t	rust, pageLabel=JMSConnectionFactor 👻 😝 🗙 Google Powered Pandon Search 🛛 🔎 •			
Ele Edit View Favorites Tools Help McAfcor /						
🚖 🔅 🌈 Settings for NotifyDestQCF - foub:	1113_domain - WLS		💁 • 🔯 - 👼 • 🔂 Bage • 🎯 Tools • 🍟			
ORACLE WebLogic Server®	Administration Console		Q 🗠			
Change Center	A Home Log Out Preferences 🔤 Record Help	Q	Welcome, weblogic Connected to: fcubs113_domain			
View changes and restarts	Home > PLEXTEST.WORLD > Summary of JMS Servers > Summary of Modules > PCUBS_SystemModule > NotifyDestQCF > PCUBS_System		D >Summary of 3MS Servers >3MS			
Click the Lock & Edit button to modify, add or delete items in this domain.	Messages					
Lock & Edit	 All changes have been activated. No restarts are necessary 	6				
Release Configuration	Settings for NotifyDestQCF					
Pleasant Contrigue accur	Configuration Subdeployment Notes					
Domain Structure	General Default Delivery Client Transactions Flow	Control Load Balance Security				
fcubs113_domain *						
Deployments	Click the Lock & Editbutton in the Change Center to modify the settings on this page.					
B-Services B-Messaging	Seve					
JMS Servers						
Store-and-Forward Agents	Use this page to define the transaction configuration for this J factory is returned, which create sessions that are JTA user-tr	MS connection factory. You can define ransaction aware.	a transaction time-out value, and also indicate whether an XA queue or XA topic connection			
Path Services						
-Data Sources	Transaction Timeout: 3600		The timeout value (in seconds) for all transactions on connections created with this connection factory. More Info			
Persistent Stores Foreign JNDI Providers						
Work Contexts	🕑 🐠 XA Connection Factory Enabled		Indicates whether a XA queue or XA topic connection factory is returned, instead of a queue or topic connection factory. An XA connection factory can			
How do L			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			
Configure connection factories			a transaction manager. More Info			
	Save					
System Status	Click the Lock & Editbutton in the Change Center to modify th	he settings on this page.				
Health of Running Servers						
Failed (0)						
Critical (0)						
Overloaded (0)						
Warning (0) OK (2)						
04.02	1					

7.3 Configuring Weblogic for PMGateway

To deploy and run PMGateway application in weblogic server following configuration needs to be done



Copy runtime12.jar from database servers ORACLE_HOME/sqlj/lib to application servers library path WEBLOGIC_HOME/user_projects/domains/<app-domain>/lib

7.4 Configuring Weblogic for Oracle Banking Trade Finance

This section explains the steps for configuring Oracle WebLogic application server for Oracle Banking Trade Finance. Follow the steps given below:

1. Select the domain from the domain structure as shown below. (Eg: fcubs113_domain).

C Home Page - fcubs113_domain - WL	S Console - Windows Internet Explorer		
🚱 🕤 🗣 🙋 http://10.184.74.143:88888/e	console/console.portal?_nfpb=true8_pageLabel=HomePage1		🖌 😽 🗙 Google Powered Pandion Search 🛛 🔎 🔹
Ele Edt Vew Fgvorkes Iools Help O McAfeet			
🚖 🐼 🌈 Home Page - fcubs113_domain -	WLS Console		💁 • 🔝 - 👼 • 🔂 Esge • 🎯 Tools • 🏅
	Administration Console		0
Change Center	😰 Home Log Out Preferences 🔤 Record Help	9	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JMS Servers >Summary of JDBC Data 5 Modules > PCUBS_SystemModule >NotfyDestQCF > PCUBS_	iources >FLEXTEST.WORLD >Summary of JMS Servers >JMS SystemModule >NotFyOestQCF > fcubs113_domain	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Home Page		
Lock & Eat	- Information and Resources		
	Helpful Tools	General Information	
Release Configuration	Configure applications	 Common Administration Task Descriptions 	
	Configure GridLink for RAC Data Source	 Read the documentation 	
Domain Structure	Recent Task Status	 Ask a guestion on My Orade Support 	
foubs113 domain B Environment	 Set your console preferences 	Oracle Guardian Overview	
Deployme[fcubs113_domain]	- Domain Configurations		
B-Messaging	Domain	Services	Interoperability
JMS Servers	Domain	Messaging	WTC Servers
Store-and-Forward Agents		 JMS Servers 	Joit Connection Pools
JMS Modules Path Services	Environment	Store-and-Forward Agents	
B-Bridges	Servers	 JH5 Modules 	Diagnostics
Data Sources	Clusters	 Path Services 	Log Ples
Persistent Stores	Custers Wrtual Hosts	Bridges	Log rises Diagnostic Modules
Foreign JNDI Providers		Data Sources	
H-Work Contexts	Migratable Targets Coherence Servers	Dete sources Persistent Stores	Diagnostic Images Request Performance
How do I	Coherence Servers Coherence Clusters	XM. Reastries	Request Performance Archives
Search the configuration	Conference clusters Machines	XML Entity Caches	Context
Use the Change Center		Foreign JNDI Providers	SMP
Record WLST Scripts	Work Managers Startup And Shutdown Classes	Work Contexts	• 300
Change Console preferences	 Startup And Shutdown Classes 	(COM	
Monitor servers		Mai Sessions	Charts and Graphs
	Your Deployed Resources	Fiet3	Monitoring Dashboard
System Status	Deployments	 него ла 	
Health of Running Servers	Your Application's Security Settings		
Faled (0)	Security Realms		
Critical (0)			
Overloaded (0)			
Warning (0)			
OK (2)			



The following screen is displayed:

ie Edit Yiew Favorites Tools Help								
McAfee'								
🔗 🖉 Settings for Foubs113_domain - fo	cubs113_domain - W	I						💁 • 🔝 🐇 🖶 Bage • 🎯 Tax
	Administration	Consol	e .					ç
hange Center	Home Log	g Out Pre	ferences	Rec	ord Help		Q	Welcome, weblogic Connected to: fcubs113_dom
ew changes and restarts							PLEXTEST.WORLD >Summary of JMS 5 odule >NotifyDestQCF >fcebs113_des	
pending changes exist. Click the Release infiguration button to allow others to edit the	Settings for I							
main.	Configuratio		-		fanabe	Mah Persi	ce Security Notes	
Release Configuration	General	JTA 3	A EJBs	Web	Applications	Logging	Log Piters	
	Save							
nain Structure								
Environment	A domain is domain.	a collection	on of Webi	Logic Serv	ver instances	that is man	aged by a single Administration Serve	er. Use this page to configure administrative options that apply to all servers in the current
Deployments	our de la							
ienvices	* Indicates rei	iquired fiel	ids					
Messaging Messaging Messaging								
Store-and-Forward Agents	"Name:						fcubs113 domain	The name of this WebLogic Server domain. More Info
-JMS Modules								
Path Services	Enable	Admini	tration I	Bout				Specifies whether the domain-wide administration port should be enabled for
Bridges	chable	Autom	Aration P	OTL				this WebLogic Server domain. Because the administration port uses SSL,
Persistent Stores								enabling the administration port requires that SSL must be configured for all servers in the domain. More Info
Foreign JNDI Providers								
	Administra	tion Por	t:				9002	
Work Contexts								
								Prequents you to enable the administration port.) More Info
v do L. 🖂	F Product	tion Hod	e				true	Specifies whether all servers in this domain run in production mode. Once
e do I 🗏	6 Product	tion Hod	e				true	Specifies whether all servers in this domain run in production mode. Once enabled, this can only be disabled in the admin server startup command
w do L E Drange Console preferences Configure the domain-wide administration port	6 Product	tion Hod	e				true	Specifies whether all servers in this domain run in production mode. Once
v do I E hange Console preferences configure the domain-wide administration port rchive configuration files	e Product						tue	Specifies whether all servers in this domain run in production mode. Once enabled, this can only be disabled in the admin server startup command
r do L. E hange Console preferences onfigure the domain-wide administration port rchive configuration files	6 Product			mizatio	ns		bue	Specifies whether all servers in this domain run in production mode. Once enabled, this can only be disabled in the adminiserver startup command line. Note brfo Specifies whether optimizations for Oracle Exaloge should be enabled. Optimizations induce improved thread management and request processing.
rdo L. 🛛 🖂	e Product			imizatio	ns		bue	Specifies whether all servers in this domain run in production mode. Once enabled, this can only be disabled in the admin server startup command line. More brits
do I ange Console preferences onfigure the domain-wide administration port drive configuration files able the Console	e Product			imizatio	ns		tue	Specifies whether all servers in this domain run in production mode. Drive enabled, this can only be disabled in the admin server startup command line. More brits Specifies whether, and the startup of the startup of the startup of the distribution indukt moreover thread management and request processing, and induced biol contents. This atthbuts thand be enabled only when configuring a Websigg domain for Oracle Exalogic. For more information, see Emails Exalogic domains for Oracle Exalogic. The more information, see Emails Exalogic domains for Oracle Exalogic. The more information, see
r do L. Entropy Console preferences onfigure the domain-wilde administration port ordrive configuration files issable the Console term Status Entropy Console	e Product			imizatio	ns		tue	Specifies whether all servers in this domain run in production mode. Once enabled, this can only be disabled in the adminiserver starture command line. Note brfo Specifies whether optimizations for Oracle Exalogs should be enabled. Optimizations include improved thread management and request processing, and reduced lock contention. This attribute should be enabled only when configura a Weblog channel for case busing. For more information, see
r do L. El console preferences configure the domain-wide administration port drive configuration files seable the Console the Status El console consol	C Product	able Exal	logic Opti		ns		tue	Specifies whether all servers in this domain run in production mode. Droe enabled, this can only be disabled in the admin server startup command line. More brits
r do L. E hange Console preferences onflyure the domain-wide administration port rives configuration files isable the Console tem Status E Failed (0)	e Product	able Exal	logic Opti		ns		tue	Specifies whether all servers in this domain run in production mode. Drive enabled, this can only be disabled in the admin server startup command line. More brits Specifies whether, and the startup of the startup of the startup of the distribution indukt moreover thread management and request processing, and induced biol contents. This atthbuts thand be enabled only when configuring a Websigg domain for Oracle Exalogic. For more information, see Emails Exalogic domains for Oracle Exalogic. The more information, see Emails Exalogic domains for Oracle Exalogic. The more information, see
r do L.	C Product	able Exal	logic Opti		ns		tue	Specifies whether all servers in this domain run in production mode. Once enabled, this can only be disabled in the admin server startup command line. Note 1:16
r do L.	de Product	able Exal	logic Opti	traints	ns nent of inte	rnal applic		Specifies whether all servers in this domain run in production mode. Droe enabled, this can only be disabled in the admin server startup command line. More brits
do L. Anape Console preferences andgure the domain-wide administration port domain wide administration port domain wide administration port stable the Console tem Status Each Status Pailed (0) Critica (0) Wamming (0)	de Product	able Exal	logic Opti	traints		mal applic		Specifies whether all servers in this domain run in production mode. Once enabled, this can only be disabled in the admin server startup command line. Note 1:16
ir do L. El Console preferences Configure the domain-vide administration port Configure the domain-vide administration port checked console teem Status Enter St	 € Product ▲ trans ▲ trans ♥ ▲ trans 	able Exal able Clus able on-4	logic Opti iter Consi demand d	traints deploym	sent of inte	mal applic		Specifies whether all servers in this domain run in production mode. Crose enabled, this can only be disabled in the admin server startup command line. More £r6
do L. Anape Console preferences andgure the domain-wide administration port domain wide administration port domain wide administration port stable the Console tem Status Each Status Pailed (0) Critica (0) Wamming (0)	de Product	able Exal able Clus able on-4	logic Opti iter Consi demand d	traints deploym	sent of inte	rnal applic		Specifies whether all servers in this domain run in production mode. Once enabled, this can only be disabled in the admin server startup command line. More 1:16
In do L. Element of the domain-wide administration port of domainstration fields issable the Console the Status Element of Running Servers Element of Running Servers Christian (0) Critical (0) Critical (0) Warming (0)	 @ Product @ fma @ fma @ fma @ fma @ fma @ fma 	able Exal able Clus able on-c able Orac	logic Opti iter Consi demand d	traints deploym	sent of inte	rnal applic		Specifies whether all servers in this domain run in production mode. Dree mobiled, this can only be disabled in the admin server startup command line. More brits Specifies whether contractions for Oracle Evalogic should be enabled. Optimizations include improved thread management and request processing, and reduced lock contractions. This attribute whold be enabled only when configuring a Velocity domain for Oracle Evalogic. For more information, year threader of the contract for should be enabled only when configuring a Velocity domain for Oracle Evalogic. For more information, year threaders 1(10.3.4) ^o In the Oracle Evalogic Deployment Guide. More <u>Shoul</u> . Specifies that deployments targeted to a cluster succeed only if all servers in the cluster are normal. More <u>Shoul</u> . Specifies whether internal applications such as the console, udd, whistestilent and uddexplorer are deployed on demand (first access) instead of during server starba. More <u>Shoul</u> . Specifies whether the Guardan Agent is deployed when starting servers in the
ar do L. El Console preferences Configure de donan-vide administration port videvic configuration files Disable the Console teem Status El Console Falled (0) Crinice (0) Crinice (0) Warning (0)	 € Product ▲ trans ▲ trans ♥ ▲ trans 	able Exal able Clus able on-c able Orac	logic Opti iter Consi demand d	traints deploym	sent of inte	mal applic		Specifies whether all servers in this domain run in production mode. Once emabled, this can only be deabled in the admin server startup command line. More 106 Specifies whether actimizations for Oracle Exalogic should be enabled. Optimizations include improved thread management and request processing, and reduced lock controls. This attribute thould be enabled only when configuring a Velocity domain for Oracle Exalogic. For more information, use "thread into the control of oracle thread on the control of oracle thread into the enabled of only when configuring a Velocity domain for Oracle Exalogic. For more information, use "thread into the control of the oracle thread into the enabled of the oracle thread into the enabled of the oracle are name. More 106 Specifies whether internal applications such as the consiste, usid, whitestickent and uddeeplorer are deployed on demand (first access) instead of during server surb the

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

- A http://10.184.74.143:8888	/console/console.portal? nfpb=true8. pageLabel=DomainConfigWebAppPage8DomainConfigWeb	AppPortlethandle=com.bea.console.handles.JM0Har 💙 😽 🗙 Google Powered Pardon Search
le Edit View Favorites Tools Help		
McAfee'		
🔅 🌾 Settings for foubs113_domain -	fcubs113_domain + W	🛐 • 🔝 / 🖶 • 🕞 Bage • 🎯 Tgols
	r [®] Administration Console	Q
hange Center	😰 Home Log Out Preferences 🐼 Record Help	Welcome, weblogic Connected to: fcubs113_domain
ew changes and restarts	Home >FLEXTEST.WORLD >Summary of JNS Servers >JMS Modules >FCUBS_SystemNodul Sessions >fcubs113_domain	>NotfyGestQCF >FCUB5_SystemModule >NotfyDestQCF >fcubs113_domain >Summary of Mail
ok the Lock & Edit button to modify, add or lete items in this domain.	Settings for fcubs113_domain	
Lock & Edt	Configuration Monitoring Control Security Web Service Security Notes	
	General JTA JPA EJBs Web Applications Logging Log Piters	
main Structure	Click the Lock & Editbutton in the Change Center to modify the settings on this page.	
bs113_domain Environment	Save	
Deployments		
Services (P-Messaging	Use this page to define the domain-wide Web application configuration settings.	
⊖ Messaging 345 Servers 345 Kervend Forward Agents 345 Modules 94th Services B) ⊕rkiges	🗌 🔞 Relogin Enabled	Beginning with the 9.0 release the PCRM/BASIC authentication behavior has been modified to confirm strictly to the ZEE Specification. If a user has logged to but does not have privilege to access a resource, the 400 (PCREIDCRE) page will be returned. Turn this flag on to enable the old behavior, which was to return the user to the logg form. More (Info
Deploy Web applications Stop deployed Web applications	• Callow All Roles	In the security-constraints elements defined in a Web application's web.xml deployment descriptor, the auth-constraint element indicates the user releas that should be permitted access to that resource collection. Here release - "" is a compact synthat for indicating all relea in the Web application: In the release. This parameter is a backmark compared bit yeaks applications of the release. This parameter is a backmark compared bit yeaks are released behavior. Default behavior is one required by the size, meaning all roles defined in the web application. If end, the value defined on defined or weblog.c.ml (container-descriptor -> allow-all-roles) takes precedence (if set) over this value. Were this.
Oelete Web applications Update run-time descriptors System Status Palet for) Critical (0) Overloaded (0) Warming (0) Ox (2)	🕞 💰 Filter Dispatched Requests	Indicates whether or not to apply fitters to dispatched requests. This is a backward compatibility flag, Lindi version 8.1, Weldlogd: Genver applied Service/Fitters of configured for the Web application) or nexuset dispatchers (and indudes/formards). Serviet 2.4 has introduced the "Dispatcher" element to make this behavior exploit. The default values to Ispatcher #CR2(EEST. In order to be complaint with the JZEE specification, the default value for FitterOgenetic-Bedavestication (Service) (Service). Note that if you are using old descriptors (teaming web.vell.ce). Note that if you are using old descriptors (teaming web.vell.ce), using website(), the Website() of the relativity of the Administry of the ISP fitter-dispatched-requestion website() website to failer in website(), website fitter-dispatched-requestion will work free without any modification. Additionally, during migration of old domains to the \$0.0 mann, the impatcher plagm and the fits on the fits the tork.
	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 webigo: envirol. Session/Castorbicception. The application code needs to catch this exception and take proper action. Alternatively appropriate error- pages can be configured in web.xml against .
		Local 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:

3_domain - fcubs113_domain - WLS Console - Windows Internet Explorer 0.101-74.143:8888/console/console.porta9_rfgb=true6_paget.abel=DomanConfigWebAppPage8handle=com.bea.z	onsole.handlesMt0Handle%28%22com.bea%3ANa 🞽 🦘 🗙 Google Powered Pandion Search
tes Iools tielp	
fcubs113_domain - fcubs113_domain - W	🦓 • 🔝 · 🖶 • 🕞 Bage • 🕥 Ts
Http Trace Support Enabled	Returns the value of HttpTraceSupportEnabled. More Info
UebLogic Plugin Enabled	Specifies whether or not the proprietary WL-Proxy-Clent-IP header should b howored. (This is needed only when WiebLogic plugins are configured.) More Infla
✓ Auth Cookie Enabled	Whether authcooke feature is enabled or not. More Info
Change Session ID On Authentication	Global property to determine if we need to generate a new SessionID after authentication. When this property set to "faile", the previous sessionID will be retained even after authoritation. Nore Enfo
UMP Enabled	Indicates whether the session ID should include JNM information. (Checking this box may be necessary when using URL rewriting with WAP devices that limit the size of the URL to DA dwartchers, and may also afflect the use of replicated sessions in a cluster). When this box is selected, the default size of the URL will be set at 32 characters, and it will not contain any special characters. More Info
Post Timeout: 30	The amount of time this server waits between receiving chunks of data in an HTTP POST data before it times out. (This is used to prevent denial-of-servi attacks that attempt to overload the server with POST data.) More Info
Haximum Post Time: _1	Max Post Time (in seconds) for reading HTTP POST data in a servlet request MaxPostTime < 0 means unlimited More Info
Naximum Post Size: -1	The maximum post size this server allows for reading HTTP POST data in a serviet request. A value less than 0 indicates an unlimited size. Hore Info.
Vork Context Propagation Enabled	Indicates whether or not WorkContextPropagation is enabled. By default it 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. Hore Info
🛃 P3P Header Value:	Returns the P3P Header value that will be sent with all responses for http: requests (f non-nul). The value of this header points to the location of the policy reference file for the Web site. More Info
☑ dE JSP Compiler Backwards Compatible	Global property to determine the behavior of the 32P compiler. When this property set to "tow", the 32P compiler throws a translation error for 32Ps that do not conform to the 32P2.0 specification. This property exists for backward compatibility. More \$infa
Archived Real Path Enabled Save Jomain - fcubs113_domain - Wi 5 Console - Windows Internet Explorer 0.104.74.143.0000(console.console.portab_r/pb=brueb_pageLabel=ConanCorl/githblgsPageShande=con.bba.co	canonical path of the resource files. More Info
Stre 3_domain - fcubs113_domain - WIS Comole - Windows Internet Explorer	canonical path of the resource files. More Info
Sare 3_domain = fcubs113_domain = WLS Console = Windows Internet Explorer 0.184.74.143.8888(console(console porta)_rfpb=true6_pagetabel=DomanConfiguebAppPagetbande=con.bea.co	canonical path of the resource files. More Info ansole.handles2409kandle%.201%.22com.bea%.3444a 🗶 (4) 🗶 Coogle Powered Pandon Search 🖓 • 🖾 - 📾 • 🔐 Eage + 🎱 Tr
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Sare 3_domain - fcubs113_domain - WLS Console - Windows Internet Explorer 0.194.74.143.0000(concele;concele portaP_rfpb=frue6_pageLabel=ConanCorfgivebAgePageNhandle=con.bea.co tes _ Tools _ Help fcubs113_domain - fcubs113_domain - W	canonical path of the resource files. More Info
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	Analysis and a second

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



6. The following screen is displayed:

	s113_domain - WLS Console - Windows Internet Explorer	
	onsole/console.portal?_nfpb=true8_pageLabel=DomainConfigWebAppPage8handle=com.bea.console.handles.3M0Hand	le%28%22com.bea%3ANa 💙 🄄 🗶 Google Powered Pardion Search 🥬
ie Edit Yew Favorites Tools Help		
😵 🔗 Settings for foubs113_domain - fo	deci 13 doman - W.	🌆 • 🔝 · 📾 • 🕞 Bage • 🎯 Tgols •
ORACLE WebLogic Server®	Administration Console	Welcome, weblogic Connected to: fcubs113_domain
hange Center	Home Log Cut Preterences and Record Hep Home >Summary of INS Servers >Summary of IDBC Data Sources >PLEXTEST.WORLD >Summary of INS Servers >INS	
New changes and restarts lending changes exist. They must be activated	Module > PCUBS_SystemModule > NotifyDeetQCF > PCUBS_SystemModule > NotifyDeetQCF > fcubs113_domain Messages	
o take effect.	✓ Settings updated successfully.	
 Activate Changes 	Settings for fcubs113_domain	
Undo All Changes	Configuration Monitoring Control Security Web Service Security Notes	
omain Structure	General JTA JPA EJBs Web Applications Logging Log Filters	
ubs113_domain	delea in in cas we applications waying wy mes	
"Environment "Deployments	Save	
HServices ⊕-Messaging		
	Use this page to define the domain-wide Web application configuration settings.	
Store-and-Forward Agents		Beginning with the 9.0 release the FORM/BASIC authentication behavior has
Path Services	🗌 👧 Relogin Enabled	been modified to conform strictly to the JZEE Specification. If a user has
E Bridges		logged-in but does not have privileges to access a resource, the 403 (FORBIDDEN() page will be returned. Turn this flag on to enable the old
Data Sources Persistent Stores		behavior, which was to return the user to the login form. More Info
-Foreign 3NDI Providers	🗌 👘 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 collection. Here role-name =
tow do L.		"*" is a compact syntax for indicating all roles in the Web application. In previous releases, role-name = "*" was treated as all users/roles defined in
Deploy Web applications		the realm. This parameter is a backward-compatbility switch to restore old behavior. Default behavior is one required by the spec, meaning all roles
Stop deployed Web applications Delete Web applications		defined in the web application. If set, the value defined in weblogic.xml (container-descriptor -> allow-all-roles) takes precedence (if set) over this
Update run-time descriptors		value. More Info
	filter Dispatched Requests	Indicates whether or not to apply filters to dispatched requests. This is a
System Status		backward compatibility flag. Until version 8.1, WebLogic Server applied ServletFilters (if configured for the Web application) on request dispatches
lealth of Running Servers		(and includes/forwards). Serviet 2.4 has introduced the "Dispatcher" element to make this behavior explicit. The default value is Dispatcher=REQUEST. In
Paled (0)		order to be compliant with the J2EE specification, the default value for FilterDispatchedRequestsEnabled is false beginning with WebLogic Server 9.0.
Critical (0)		Note that if you are using old descriptors (meaning web.xml does not have
Overloaded (0)		version=2.4), then WebLogic Server automatically uses FilterDispatchedRequestsEnabled = true for the Web applications, unless
Warning (0)		filter-dispatched-requests-enabled is explicitly set to false in weblogic.xml. This means that old applications will work fine without any modification.
OK (2)		Additionally, during migration of old domains to the 9.0 domain, the migration plugin automatically sets this flag to true. More Info
		This property is used to proble a related state day in the university problem.
	Overload Protection Enabled	This parameter is used to enable overload protection in the webapp container against low memory conditions. When a low memory situation occurs, new
		session creation attempts will result in weblogic.serviet.SessionCreationException. The application code needs to
		catch this exception and take proper action. Alternatively appropriate error-

- 7. Ensure that the message 'Settings are updated successfully' is displayed.
- 8. Click the button 'Active Changes'.

7.5 Setup/Configure Mail Session in Weblogic

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

- Creating JavaMail Session
- Configuration of the TLS/SSL Trust Store for Weblogic Server

7.5.1 Creating JavaMail Session

To configure mail session, follow the steps below.



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

Summary of Mail Sessions - fcubs1	13_domain - WLS Console - Windows Internet E	xplorer	
🚱 🕞 🔹 http://10.184.74.143:888	8/console/console.portal?_nfpb=true8_pageLabel=MaiMail5	essionTablePage	🖌 🛃 🔀 Google Powered Pandion Search 🖉
Ele Edit yew Favorites Iools Hel O McAfee'	•		
🚖 🔅 🏀 Summary of Mail Sessions - fcu	bs113_domain - WLS C		💁 • 🔝 🐇 📾 • 🔂 Eage • 🙆 Tgols •
	er® Administration Console		Q
Change Center	👔 Home Log Out Preferences 🖂 Record Help	9	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST. Modules >FCUBS_SystemModule >NotifyDestQCF >F	WORLD >Summary of 3MS Servers >3MS CUBS_SystemModule >NotifyDestQCF >fcubs113_d	donain >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	Protocol (SMTP)-capable mail servers on your net	work or the Internet.	her JZEE modules with access to Internet Message Access Protocol (IMAP)- and Simple Mail Transfer
Domain Structure	This page summarizes the mail sessions that have	been configured in the current WebLogic Server	ar domain.
Messaging MS Servers Store-and-Forward Agents	Customize this table		
JMS Modules Path Services	Mail Sessions		
Bridges	Click the Lock & Edit button in the Change Center	er to activate all the buttons on this page.	
Data Sources Persistent Stores	New Clone Delate		Showing 0 to 0 of 0 Previous Next
Poreign 3NDI Providers Work Contexts	Name 🙃	Properties	JNDI Name
-XML Registries		There are no i	items to display
XML Entity Caches	New Cone Delete		Showing 0 to 0 of 0 Previous Next
How do I	8		
Configure access to JavaMal			
Target mail sessions			
Delete mail sessions			
System Status	8		
Health of Running Servers			
Faled (0)			
Critical (0)			
Overloaded (0)			
Warning (0)			
OK (2)			

2. Click 'Lock & Edit'.

C Summary of Mail Sessions - fcubs113_	domain - WLS Console - Windows Internet E	xplorer	
C3 - Attp://10.184.74.143:8888/cor	nsole/console.portal?_nfpb=true8_pageLabel=MaiMailSe	essionTablePage	🖌 🔄 🗙 Google Powered Pandon Search 🛛 🔎 🔹
Ele Edit Yew Favorites Iools Help			
🚖 🕸 🌈 Summary of Mail Sessions - fcubs11	3_domain - WLS C		🖓 • 🖾 - 🖶 - 🕞 Bage • 🎯 Tgols • "
ORACLE WebLogic Server®	Administration Console		Q
Change Center	🏚 Home Log Out Preferences 🔤 Record Help	9	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FUEXTEST./ Modules >FCUBS_SystemModule >NotifyDestQCF >F0	WORLD > Summary of IMS Servers > JMS CUBS_SystemModule > NotifyOestQCF > foubs113_d	domain >Summary of Mail Sessions
Click the Lock & Edit button to modify, add or delete items in this domain.	Summary of Mail Sessions		
Lock & Edt Release Configuration	Mail sessions facilitate the process of using the Ja Protocol (SMTP)-capable mail servers on your nets This page summarizes the mail sessions that have	work or the Internet.	er JZEE modules with access to Internet Message Access Protocol (IMAP)- and Simple Mail Transfer r domain.
Domain Structure			
Hilds Servers Store-and Forward Agents Hodules Path Services Bin Services	Customize this table Hall Sessions Click the Lock & Editbutton in the Change Center	er to activate all the buttons on this page.	
Data SourcesPersistent Stores			Showing 0 to 0 of 0 Previous Next
Foreign JNDI Providers	🔲 Name 🌧	Properties	JNDI Name
XML Registries		There are no it	items to display
ML Entity Caches	New Clone Delete		Showing 0 to 0 of 0 Previous Next
How do L_			
Configure access to JavaMal Target mail sessions Delete mail sessions System Status Failed (0) Orical (0) Overlaaded (0) Warning (0) Or (2)			



3. Following screen is displayed; Click 'New' for creating a new session.

C Summary of Mail Sessions - fcubs113	_domain - WLS Console - Windows Internet Exp	plorer			×
(3)- e http://10.184.74.143:8888/c	onsole/console.portal?_nifpb=true،_pageLabel=MaliCreater	1alSession		🖌 🔄 🗶 Google Powered Pandon Search 🖉	•
File Edit View Favorites Tools Help McAfoo •					
🚖 🟟 🚫 Summary of Mail Sessions - fcubs	113_domain - WLS C			💁 • 🔝 - 🖶 • 🕞 Bage • 🎱 Tgols •	, >
	Administration Console			<u> </u>	0
Change Center	😰 Home Log Out Preferences 🔤 Record Help	Q		Welcome, weblogic Connected to: fcubs113_domain	
View changes and restarts	Home >Summary of JOBC Data Sources >FLEXTEST.W/ Modules >FCUBS_SystemModule >NotifyDestQCF >FCU	ORLD > Summary of JMS Servers > JMS JBS SystemModule > NotifyDeetOCF > foubs113 do	omain > Summary of Hail Sessie	545	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Summary of Mail Sessions				
Lock & Edit Release Configuration	Mail sessions facilitate the process of using the Java Protocol (SMTP)-capable mail servers on your netwo This page summarizes the mail sessions that have be	ork or the Internet.		nternet Message Access Protocol (IMAP) - and Simple Mail Transfer	
Domain Structure]				
Hessaging 	Customize this table Hail Sessions (Filtered - More Columns Exist)				
	New Cone Delete			Showing 0 to 0 of 0 Previous Next	
Data Sources	🔲 Name 🙃	Properties	3	NDI Name	
Persistent Stores Foreign JNDI Providers		There are no its	ems to display		
Work Contexts XML Registries XML Entity Caches	New Cone Delete			Showing 0 to 0 of 0 Previous Next	
Mail Sessions					
Construction of the second sec					
100 00 L					
 Configure access to JavaMail Target mail sessions 					
Delete mail sessions					
	1				
System Status					
Health of Running Servers					
Faled (0)					
Critical (0)					
Overloaded (0)					
Warning (0)					
OK (2)					

4. Following screen is displayed.

Create a New Mail Session - fcubs113_	domain - WI.S Console - Windows Internet Explorer	
• e http://10.184.74.143:88888/con	sole/console.portal?_nfpb=true8_pageLabel=MalCreateMalSession	Google Powered Pandon Search
Ele Edt Yew Favorites Tools Help McAfoo'		
🚖 🔗 🌈 Create a New Mail Session - fcubs11	3_domain - WLS	🂁 • 🔝 - 🖶 • 🕞 Eage - 🎯 Tgols -
	Administration Console	Q
Change Center	Home Log Out Preferences Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Hone >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS Modules >FCUIIS_SystemModule >NotPyDestQCF >FCUIIS_SystemModule >NotPyDestQCF >Fcubs112_domain >Semmary of Hail Sessions	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Create a New Hall Session	
Lock & Edit	Back Next Finish Cancel	
Release Configuration	Mail Session Properties	
	The following property will be used to identify your new mail session.	
Domain Structure fcubs113_domain	* Indicates required fields	
Environment Deployments Services Messaging Messaging Store-and-Porward Agents Not Modules Path Services	What would you like to name your new mail session? * Name: FCUBSMailSession @ * 3ND1 Name: mail/FCUBSMail	
(1) Bridges	🚝 JavaHail Properties:	
Outa Sources Persistent Stores Providers Work Contexts How do L.	<pre>mail.host=stehive.oracle.com mail.smtps.debug=ture mail.smtps.port=smtps mail.smtps.uth=ture mail.smtps.host=stbeehive.oracle.com</pre>	
Configure access to JavaMal Target mail sessions	East Need Frien Cancel	
System Status		
Health of Running Servers		
Faled (0)		
Critical (0)		
Overloaded (0)		
Warning (0) OK (2)		
0. (2)		

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

FCUBSMailSession

JNDI Name

mail/FCUBSMail



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

6. Click 'Next'.

The following screen is displayed.

Create a New Mail Session - Tcubs113	domain - WLS Console - Windows Internet Explorer	
🚱 🗣 🙋 http://10.184.74.143:8888/co	$nsole/console.portal?MallCreateMallSessionPortlet_actionOverride \Rightarrow /com/bea/console/actions/mall/createmailsession/deployTargets$	🖌 🔄 🗶 Google Powered Pandion Search
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😭 🕸 🌈 Create a New Mail Session - fcubs1	13_domain - WL5	💁 • 🔝 · 🖶 • 🕞 Bage • 🚳 Tgols •
ORACLE WebLogic Server®	Administration Console	Q
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD > Summary of JHS Servers >JHS Modules >FCUBS_SystemModule >NotFyDestQCF >FCUBS_SystemModule >NotFyDestQCF >fcubs113_domain >Semesary 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 & Edt	Back Time Finan Cancel	
Release Configuration	Mail Session Targets	
Domain Structure fobs112_domain #0-Environment -Desployments -Wesployments -Wesployments -Wesployments -Wesployments -Wesployments <td>The age indicates on which WebLopic Server instances or clusters the mail session is accessible. Only applications that have been de session. When you target all or part of a cluster, the Administration Console initiates a two-shase deployment. In general, such a deployment fails for all active servers.</td> <td></td>	The age indicates on which WebLopic Server instances or clusters the mail session is accessible. Only applications that have been de session. When you target all or part of a cluster, the Administration Console initiates a two-shase deployment. In general, such a deployment fails for all active servers.	
Configure access to JavaMal Target mail sessions System Status Paido (0) Critical (0) Overloaded (0) Wirning (0) Ock (2)		,

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

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

- SMTP_HOST
- SMTP_USER
- SMTP_PASSWORD
- SMTP_JNDI

This can be achieved using the Oracle Banking Trade Finance Installer.



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

C Summary of Mail Sessions - fcubs113_	domain - WLS Console - Windows Internet Explorer		
G . + Attp://10.184.74.143:8888/con	nsole/console.portal?_nfpb=true8_pageLabel=MaiMalSessionTablePage	Google Powered Pand	don Search 🖉 🔹
Ele Edt Yew Pgyorites Iools Help O McAfeet			
🚖 🛠 🎢 Summary of Mail Sessions - Foubs11:	3_domán - WLS C	💁 • 🖾 · 🖶 • 🖸	}eage • () Tools • "
ORACLE WebLogic Server®	Administration Console		Q 🗠
Change Center	🔒 Home Log Out Preferences 🐼 Record Help	Welcome, weblogic Connected to	:: fcubs113_domain
View changes and restarts	Home >Summary of JDBC Data Sources >FLEXTEST.WORLD >Summary of JMS Servers >JMS Modules >FCUBS_SystemModule >NotifyDeetQCF > FCUBS_SystemModule >NotifyDeetQCF >fcube113_domain >Summary of Mail Seeaa	ions	
Pending changes exist. They must be activated to take effect.	Messages		
Activate Changes	S Mal session created successfully.		
Undo All Changes	Summary of Mail Sessions		
Hessaging NS Servers Store-and-Porward Agents -Nd Modules -Nd Modules Bit Holges -Data Sources President Stores	Protocol (SMTP) capable mal reviews on your network or the Internet. This page summarizes the mail sessions that have been configured in the current ViebLogic Server domain. Customize this table Plat Sessions		
-Foreign 3NDI Providers Work Contexts	New Core Delete	Showing 1 to 1 of 1	/ Previous Next
	Iname 🖘 Properties		JNDI Name
XML Entity Caches 	FCUBSMalSession mail.smtps.auth=true mail.smtps.port=smtps mail.smtps.host=stbeehive.orade.com mail.smtps.deb	ug=true mail.host=stbeehive.orade.com	mai/FCUBSMai
Haw do L	New Cone Delete	Showing 1 to 1 of 1	Previous Next
THE OF LE			
Configure access to JavaMail Target mail sessions			
Delete mail sessions			
System Status			
Health of Running Servers			
Failed (0)			
Critical (0)			
Overloaded (0)			
Warning (0)			
OK (2)			

7.5.2 Configuration of the TLS/SSL Trust Store for Weblogic Server

As described in the previous section, Oracle Banking Trade Finance 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 Banking Trade Finance 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 Banking Trade Finance 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).

