FCUBS GridLink Datasource Configuration Oracle FLEXCUBE Universal Banking Release 14.7.4.0.0 Part No. F98075-01 [June] [2024]



Table of Contents

1.	WE	BLOGIC JDBC GRIDLINK DATASOURCE	. 1-1
	1.1	PREFACE	. 1-1
	1.2	PURPOSE	. 1-1
	1.3	WEBLOGIC DATA-GRID DATASOURCE OVERVIEW	. 1-1
	1.4	INTRODUCTION	. 1-1
	1.5	DATABASE RELATED CONFIGURATION	. 1-2
	1.5.1	1 ONS Setup	. 1-2
		2 Database Service Modification and Monitoring	
		CONFIGURING GRIDLINK DATASOURCE	
	1.6.1	1 Non-XA Gridlink Datasource	. 1-3
	1.6.2	2 XA Gridlink Datasource	. 1-7



1. Weblogic JDBC GridLink Datasource

1.1 **Preface**

You need to carry out certain tasks manually before Oracle FLEXCUBE deployment. This document details out the pre-deployment tasks based on GridLink Datasource configuration in Weblogic Application Server.

1.2 Purpose

Purpose of this document is to give understanding and configuration of Weblogic GridLink Datasource for Oracle FLEXCUBE.

1.3 Weblogic Data-Grid Datasource Overview

In WebLogic Server 12c (12.1.2), JDBC GridLink includes Oracle Database 12c integration, having the latest functionalities of Application Continuity, Database Resident Connection Pool, Pluggable Database and Global Data Services.

The RAC integration capabilities of Universal Connection Pool (UCP) have been utilized by the WebLogic Server GridLink Data Source implementation to provide the Fast Connection Failover (FCF), Runtime Connection Load-Balancing (RCLB),

The active management of the connections in the pool is based on static settings configured on the connection pool itself (min/max capacity, timeouts, etc.) and real time information the connection pool receives from the RAC Oracle Notification Service (ONS) subsystem that advises the "client" of any state changes within the RAC cluster.

WebLogic GridLink Data Sources and JDBC connection pools leverage the load balancing functionality provided by an Oracle RAC database to provide better throughput and more efficient use of resources.

1.4 Introduction

FLEXCUBE is a financial application which needs fast connection failover on runtime to ensure zero downtime and proper disaster recovery.

FLEXCUBE will use GridLink data source for Fast Connection Failover and responds to Oracle RAC events using Oracle Notification Service (ONS). This ensures that the connection pool in the GridLink data source contains valid connections (including reserved connections) without the need to poll and test connections. It also ensures that connections are created on new nodes as they become available.

A GridLink data source uses Fast Connection Failover to:

- Provide rapid failure detection.
- > Abort and remove invalid connections from the connection pool.
- Perform graceful shutdown for planned and unplanned Oracle RAC node outages. See Graceful Handling for Oracle RAC Outages.



- > Adapt to changes in topology, such as adding or removing a node.
- Distribute runtime work requests to all active Oracle RAC instances, including those rejoining a cluster.

WebLogic GridLink Data Sources and JDBC connection pools leverage the runtime load balancing functionality provided by an Oracle RAC database to provide better throughput and more efficient use by FLEXCUBE application.

Runtime connection load balancing provides the following benefits:

- > Manages pooled connections for high performance and scalability.
- Receives continuous recommendations on the percentage of work to route to database instances.
- Adjusts distribution of work based on different back-end node capacities such as CPU capacity or response time.
- Reacts quickly to changes in cluster reconfiguration, application workload, overworked nodes, or hangs.
- Receives metrics from the Oracle RAC Load Balance by ONS. Connections to well performing instances are used most often. New and unused connections to underperforming instances will gravitate away over time.

1.5 Database Related Configuration

1.5.1 ONS Setup

Make Sure ONS service is running in each of the database servers by issuing the below command.(To be run from GRID home)

ONS Status Check:

\$ORACLE_HOME/opmn/bin/onsctl ping ons is not running ...

Starting ONS:

\$ORACLE_HOME/opmn/bin/onsctl start onsctl start: ons started \$ORACLE_HOME/opmn/bin/onsctl ping ons is running ...

By default ONS runs on port 6200.

1.5.2 Database Service Modification and Monitoring

For the database service that we use in the Datasource which makes use of Active Grid Link, goal needs to be defined which defaults to none.

The below sql block needs to be run in the database where the service is created.



```
BEGIN
DBMS_SERVICE.MODIFY_SERVICE ( service_name => 'psrcbt'
, aq_ha_notifications => true
, goal => DBMS_SERVICE.GOAL_THROUGHPUT
, clb_goal => DBMS_SERVICE.CLB_GOAL_SHORT
);
END;
```

Also we can monitor the metric generation for our service via v\$servicemetric

1.6 Configuring GridLink Datasource

1.6.1 Non-XA Gridlink Datasource

1) Navigate to Domain \rightarrow Services \rightarrow Data Sources \rightarrow select New > GridLink data source

	ministration Console 12c					Q
Change Center	🏠 Home Log Out Preferences 🔤 Recor	l Help	Q		Welcome, webl	ogic Connected to: bifoundation_domain
View changes and restarts	Home >Summary of JDBC Data Sources					
No pending changes exist. Click the Release	Summary of JDBC Data Sources					
Configuration button to allow others to edit the domain.	Configuration Monitoring					
Lock & Edit						
Release Configuration	A JDBC data source is an object bound to database connection from a data source.	he JNDI tree that	provides database connectivity through a pool of	JDBC connections. Applications can look	up a data source on I	the JNDI tree and then borrow a
Domain Structure	This page summarizes the JDBC data sour	ce objects that ha	ve been created in this domain.			
bifoundation_domain ▲ D [®] Domain Paritions D [®] Environment [™] Deployments D [®] Services D [®] Messaging [™] Depla Sources	Customize this table Data Sources (Filtered - More Column New Delete	s Exist)				Showing 1 to 7 of 7 Previous Next
Persistent Stores Foreign JNDI Providers	Generic Data Source GridLink Data Source	Туре	JNDI Name	Targets	Scope	Domain Partitions
···Work Contexts	Multi Data Source	Generic	jdbc/BIPlatformDatasource	bi_cluster	Global	
XML Registries XML Entity Caches	Proxy Data Source urce	Generic	jdbc/LocalSvcTblDataSource	AdminServer	Global	
јСОМ	UCP Data Source	Generic	jdbc/mds/owsm	AdminServer, bi_cluster	Global	
Mail Sessions	opss-audit-DBDS	Generic	jdbc/AuditAppendDataSource	AdminServer, bi_cluster	Global	
How do I 😑	opss-audit-viewDS	Generic	jdbc/AuditViewDataSource	AdminServer, bi_cluster	Global	
Create JDBC generic data sources	opss-data-source	Generic	jdbc/OpssDataSource	AdminServer, bi_cluster	Global	
Create JDBC GridLink data sources	wisservices_datasource	Generic	jdbc/WLSServicesDatasource	bi_cluster	Global	
Create DBC multi data sources Create UCP data sources Showing 1 to 7 of 7 Previou				Showing 1 to 7 of 7 Previous Next		



2) Enter the **Name**, **JNDI Name**. Choose Database Driver as Oracle's Driver (Thin) for GridLink Connection. Click on **Next**

Release Configuration	JDBC GridLink Data So The following properties	ource Properties will be used to identify your new JDBC GridLink data source.
Domain Structure	* Indicates required fields	
bifoundation_domain Domain Partitions	What would you like to na	me your new JDBC GridLink data source?
Deployments Services Devices	🚯 * Name:	jdbc/fcjdevDS
Data Sources	What scope do you want t	o create your data source in ?
	s Scope:	Global •
XML Registries XML Entity Caches		u like to assign to your new JDBC GridLink data source?
jCOMMail Sessions ▼	jdbc/fcjdevDS	
How do I		
Create JDBC GridLink data sources		
System Status 🖂		
Health of Running Servers	What database type would	d you like to select?
Failed (0) Critical (0)	Database Type:	Oracle
Overloaded (0) Warning (0)	What database driver wor	Id you like to use to create database connections? Note: * indicates that the driver is explicitly supported by Oracle WebLogic Server.
OK (2)	Database Driver:	*Oracle's Driver (Thin) for GridLink Connections; Versions:Any
	Back Next Finish	Cancel

3) Uncheck the "Supports Global Transactions" and click on Next

ORACLE WebLogic Server Ad	ministration Console 12c
Change Center	🏦 Home Log Out Preferences 🖾 Record Help
View changes and restarts	Home >Summary of JDBC Data Sources
No pending changes exist. Click the Release Configuration button to allow others to edit the domain. Lock & Edit Release Configuration	Create a New JDBC GridLink Data Source Back Itext Immin LCancel Transaction Options You have selected non-XA 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 source.
bifoundation_domain ▲ ⊕ Domain Partitions ⊕ Environment ← Deployments ⊕ Services ⊕ Messaging	Supports Global Transactions Select this option if you want to enable non-XA JDBC connections from the data source to participate in global transactions using the Logping Last Resource (LLR) transaction optimization. Recommended in place of Emulate Two-Phase Commit.
Data Sources Persistent Stores Foreign JND Providers Work Contexts XML Registries XML Entity Caches 	Logging Last Resource Select this option if you want to enable non-XA JDBC connections from the data source to emulate participation in global transactions using JTA. Select this option only if your application can tolerate heuristic conditions. Enudate Two-Phase Commit
How do I	Select this option if you want to enable non-XA JDBC connections from the data source to participate in global transactions using the one-phase commit transaction processing. With this option, no other resources can participate in the global transaction.
Create JDBC GridLink data sources	One-Phase Commit
System Status 🖂	Back Next Finish Cancel
Health of Running Servers	
Failed (0) Critical (0)	

4) Select first option "Enter individual listener information" and click Next

ORACLE WebLogic Server Ad	ministration Console 12c		õ
Change Center	😰 Home Log Out Preferences 🐼 Record Help	Welcome, weblogic	Connected to: bifoundation_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	Create a New JDBC GridLink Data Source		
the domain.	Back Next Finish Cancel		
Lock & Edit Release Configuration	GridLink data source connection Properties Options		
Release Connightation	You can either enter the complete JDBC URL or enter individual host and port pair and let the assistant generate the JDBC URL.		
Domain Structure bifoundation domain	Enter individual listener information		
Domain Partitions Domain Partitions	Enter complete JDBC URL		
Deployments Services	Back Next Finish Cancel		
MessagingData Sources			
Persistent Stores Foreign JNDI Providers Work Contexts			
XML Registries XML Entity Caches jCOM			
How do I			

5) Enter the Database Name, Host Name, Port, User Name, Password, Confirm Password and Click on **Next**



ter al	Define Connection Properties.	
Domain Structure	What is the service name of the database you woul	id like to connect to?
bifoundation_domain A B-Domain Partitions B-Environment	Service Name:	
"Deployments "Deployments "Services P-Services DetaSources -Partistent Stores -Partistent Stores -Partistent Stores -Work Contexts -Work Contexts -Work Entity Caches -yoUM Entity Caches -yoUM partistent -work	Host and Port:	alon and click the add button. In the case of a RAC DB listener, specify the SCAN address.
How do I		
Create JDBC GridLink data sources	What database account user name do you want to Database User Name:	use to create database connections?
System Status 🖂		
Health of Running Servers	What is the database account password to use to c	reate database connections?
Failed (0) Critical (0)	Password:	
Overloaded (0) Warning (0) OK (2)	Confirm Password:	
Un(L)	Additional Connection Properties:	
	Protocol:	TCP
	oracle.jdbc.DRCPConnectionClass:	
	Back Next Finish Cancel	

6) Click "Test All Listners" and check the connection is established properly with the database and Click **Next**

Change Center	mome Log Out Preferences 🔤 Record	u neip		welcome, weblogic connected to: biloundation_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 for jdbc:oracle:thin:@(succeeded. 	DESCRIPTION=(ADDRESS_LIST=(ADDR	ESS=(PROTOCOL=TCP)(HOST=blrgxr6117.in.or	acle.com)(PORT=1521)))(CONNECT_DATA=(SERVICE_NAME=FCUBS11G)))
Lock & Edit	Create a New JDBC GridLink Data Source	e		
Release Configuration	Test All Listeners Back Next Fini	sh Cancel		
Domain Structure	Test GridLink Database Connection			
ifoundation_domain				
Domain Partitions Environment	Test the database availability and the conr	ection properties you provided.		
Deployments	What is the full package name of JDBC drive	er class used to create database connec	tions in the connection pool?	
Services	(Note that this driver class must be in the cl	asspath of any server to which it is depl	oyed.)	
····Persistent Stores	Driver Class Name:	oracle.jdbc.O	racleDriver	
Foreign JNDI ProvidersWork Contexts	What is the URL of the database to connect URL: jdbc:oracle:thin:@(DESCRIPTIC (ADDRESS_LIST=(ADDRESS=(PROTO (HOST=blrgxr617.in.oracle.cc	DN= ^ DCOL=TCP)	3C driver.	
Create JDBC GridLink data sources	(PORT=1521)))(CONNECT_DATA= (SERVICE_NAME=FCUBS11G)))	•		
System Status 😑	Click the test button to test each listener.			
Health of Running Servers	Test Listener jdbc:oracle:thin:@(DESCRIF	TION=(ADDRESS_LIST=(ADDRESS=(PF	ROTOCOL=TCP)(HOST=blrgxr6117.in.oracle.cor)(PORT=1521)))(CONNECT_DATA=(SERVICE_NAME=FCUB511G)))
Failed (0) Critical (0)	What database account user name do you w			
Overloaded (0) Warning (0)	Database User Name:	FCUBSNI	BESUP	
OK (2)	What is the database account password to u	use to create database connections?		



7) Enter the ONS host:port details which has already been configured in database

red perioding charges exist. Unit view extensive Configuration button to allow others to edit the domain. Lock & Edit Release Configuration	Back, Next, Finish Cancel ONS Client Configuration Define OIS Client Configuration				
Domain Structure	Check to enable the data source to subscribe to and process Oracle FAN events				
bifoundation_domain Domain Partitions B-Environment					
Deployments	Enter host and port of each ONS node separated by colon and click the add button.				
-Messaging -Data Sources Persistent Stores	ONS host and port:				
Foreign JNDI Providers	mc13dbzg1-zone-1-mc13-n1-6200 mc13dbzg1-zone-1-mc13-n2-6200 Remove				
How do I 📼					
Create JDBC GridLink data sources	The location of the Oracle wallet file in which the SSL certificates are stored.				
	ONS Wallet File Directory:				
System Status					
Health of Running Servers	The wallet password attribute that is included as part of the ONS client configuration string. This attribute is only required when ONS is configured to use the SSL protocol.				
Failed (0) Critical (0)	ONS Wallet Password:				
Overloaded (0) Warning (0)	Confirm ONS Wallet Password:				
OK (2)	Back Next Finish Cancel				

8) Click "Test ONS Nodes" to check the connection with ONS.

WEDLOUIC SEIVELAU	IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
Change Center	🟦 Home Log Out Preferences 🖾 Record Help
View changes and restarts	Hone - Summary of JDBC Data Sources Messages
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	rressages ✔ Connection test for mc13dbzg1-zone-1-mc13-n1:6200 succeeded.
Lock & Edit	Create a New JDBC GridLink Data Source
Release Configuration	Test AI ONS Nodes Back Next Finish Cancel
Domain Structure	Test ONS client configuration
bifoundation_domain	Test the ONS dient configuration properties you provided
Environment Deployments	Check to enable the data source to subscribe to and process Oracle FAN events
Services B-Messaging	
Data Sources Data Sources Persistent Stores Work Contexts Work Contexts Work Contexts Wark Contexts WAR Leptitie XAR Leptity Caches "JCOM "Mail Sections "Mail Sections "	Enter host and port of each ONS node separated by colon and click the add button. ONS host and port: mc13dbrg1-zone-1-mc13- n1:6200,mc13dbrg1-zone-1-mc13-n2:6200
How do I	
Create JDBC GridLink data sources	Click the test button to test OII5 node. Test ONS Node nci3dbg1-zone-i-nci3-n1:6200
System Status	Test ONS Node mc13dbzg1-zone-1-mc13-n2:6200
Health of Running Servers	The location of the Oracle wallet file in which the SSL certificates are stored.
Failed (0) Critical (0) Overloaded (0)	ONS Wallet File Directory:
Warning (0) OK (2)	The wallet password attribute that is included as part of the ONS client configuration string. This attribute is only required when ONS is configured to use the SSL protocol.



9) Select Target and click on Finish

ORACLE WebLogic Server Ad	ministration Console 12c	Q
Change Center View changes and restarts No pending changes exist. Click the Release Configuration button to allow others to edit the domain. Lock & Edit	Home Log Out Preferences Precord Help Home >Summary of JDBC Data Sources Create a New JDBC GridLink Data Source Back Rext Finish Cance	Wekome, weblogic Connected to: bifoundation_domain
Release Configuration Domain Structure bifoundation, domain IP Demain Partitions IP Environment IP Deprivements IP Tobain Sprace IP Torelay Sprace	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 s Servers AdminServer Clusters Lusters Luster AdminServers in the cluster Part of the cluster Discrement	source will be created but not deployed. You will need to deploy the data source at a later time.
How do L. Create JDBC GridLink data sources	Back Wext Faish Cancel	

1.6.2 XA Gridlink Datasource

1) Navigate to Domain \rightarrow Services \rightarrow Data Sources \rightarrow select New > **GridLink data source**

	ministration Console 12c					Q
Change Center	🔞 Home Log Out Preferences 🖂 Record I	telp	Q	w	elcome, weblo	gic Connected to: bifoundation_domai
View changes and restarts	Home >Summary of JDBC Data Sources					
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Summary of JDBC Data Sources Configuration Monitoring					
Lock & Edit Release Configuration A JDBC data source is an object bound to the JNDI tree that provides database connectivity through a pool of JDBC connections. Applications can look up a data source on the JNDI database connection from a data source.				e JNDI tree and then borrow a		
Domain Structure	This page summarizes the JDBC data source	objects that hav	e been created in this domain.			
bifoundation_domain DirOnain Partitions D-Comain Partitions D-Environment D-Dejoyments D-Services D-Messaging D-Data Sources	Customize this table Data Sources (Filtered - More Columns I New v Delete	xist)				Showing 1 to 7 of 7 Previous Next
Persistent Stores	Generic Data Source	Туре	JNDI Name	Targets	Scope	Domain Partitions
····Work Contexts	Multi Data Source urce	Generic	jdbc/BIPlatformDatasource	bi_cluster	Global	
XML Registries	Proxy Data Source urce	Generic	jdbc/LocalSvcTblDataSource	AdminServer	Global	
jCOM	UCP Data Source	Generic	jdbc/mds/owsm	AdminServer, bi_cluster	Global	
Mail Sessions	opss-audit-DBDS	Generic	jdbc/AuditAppendDataSource	AdminServer, bi_cluster	Global	
How do I	opss-audit-viewDS	Generic	jdbc/AuditViewDataSource	AdminServer, bi_cluster	Global	
Create JDBC generic data sources	opss-data-source	Generic	jdbc/OpssDataSource	AdminServer, bi_cluster	Global	
Create JDBC GridLink data sources	wisservices_datasource	Generic	jdbc/WLSServicesDatasource	bi_cluster	Global	
Create UPC data sources Inew Delete Sho			Showing 1 to 7 of 7 Previous Next			



2) Enter the **Name**, **JNDI Name**. Choose Database Driver as Oracle's Driver (XA Thin) for GridLink Connection. Click on **Next**

Domain Structure	The following properties will be used to identify your new JDBC GridLink data source. * Indicates required fields					
bifoundation_domain Domain Partitions Domain Partitions	What would you like to name your new JDBC GridLink data source?					
Deployments Services	d∰ *Name: jdbc/fcjSchedulerDS					
Messaging Data Sources Persistent Stores Foreign JNDI Providers Work Contexts	What scope do you want to create your data source in ? Scope: Global					
XML Registries XML Entity Caches jCOM Mail Sessions	What JNDI name would you like to assign to your new JDBC GridLink data source? Image: Imag					
How do I Create JDBC GridLink data sources						
System Status						
Health of Running Servers	What database type would you like to select?					
Failed (0) Critical (0) Overloaded (0) Warning (0) OK (2)	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 WebLogic Server. Database Driver: *Oracle's Driver (Thin XA) for GridLink Connections Versions: Any Back Next					

3) Click Next

	dministration Console 12c	Ŏ	
Change Center	🏦 Home Log Out Preferences 🖾 Record Help	Welcome, weblogic Connected to: bifoundation_domain	
View changes and restarts	Home >Summary of JDBC Data Sources		
No pending changes exist. Click the Release	Create a New JDBC GridLink Data Source		
Configuration button to allow others to edit the domain.	Back Next Finish Cancel		
Lock & Edit	Transaction Options		
Release Configuration			
Comain Structure No their transactions are available.			
bifoundation_domain ▲ ⊕-Domain Partitions ⊕-Envronment ⊕-Deployments ⊕-Services	Back Next Frush Cancel		

4) Choose first option "Enter individual listener information" and Click Next

	Iministration Console 12c	Q	
Change Center	🕜 Home Log Out Preferences 🖾 Record Help	Welcome, weblogic Connected to: bifoundation_domain	
View changes and restarts	Home >Summary of JDBC Data Sources		
No pending changes exist. Click the Release Configuration button to allow others to edit the domain. Lock & Edit Release Configuration	Create a New JDBC GridLink Data Source Back Next Finish Cancel GridLink data source connection Properties Options Vou can either enter the complete JDBC URL or enter individual host and port pair and let the assistant generate the JDBC URL.		
Domain Structure bifoundation_domain ⊕-Domain Partitions	Enter individual listener information Enter complete JDBC URL		
How Forwards How Forwards	Back Next Finish Cancel		



5) Enter the Database Name, Host Name, Port, User Name, Password, Confirm Password and Click on **Next**

	Define Connection Properties.	
Domain Structure	What is the service name of the database you we	suld like to connect to?
bifoundation_domain Domain Partitions Domain Partitions	Service Name:	
Deployments EServices EMessaging	Enter host and port of each listener separated by	colon and click the add button. In the case of a RAC DB listener, specify the SCAN address.
Data Sources Persistent Stores Foreign JNDI Providers Work Contexts XML Registries XML Registries	Host and Port:	Add Remove
jCOM Mail Sessions		×
How do I Create JDBC GridLink data sources	What database account user name do you want t	o use to create database connections?
System Status	Database User Name:	
Health of Running Servers	What is the database account password to use to	create database connections?
Failed (0) Critical (0)	Password:	
Overloaded (0) Warning (0) OK (2)	Confirm Password:	
UN(2)	Additional Connection Properties:	
	Protocol:	TCP
	oracle.jdbc.DRCPConnectionClass:	
	Back Next Finish Cancel	

6) Click "Test All Listners" and check the connection is established properly with the database and Click **Next**

Change Center	mome Log Out Preferences 📼 Kecord n	neip 🔍	weicome, webiogic connected to: biloundation_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.	succeeded.	SCRIPTION=(ADDRESS_LIST=(ADDRESS=(PROTOCOL=T0	CP)(HOST=blrgwf6117.in.orade.com)(PORT=1521)))(CONNECT_DATA=(SERVICE_NAME=FCU8511G)))
Release Configuration	Create a New JDBC GridLink Data Source Test All Listeners Back Next Finish	Cancel	
Domain Structure	Test GridLink Database Connection		
bifoundation_domain Domain Partitions D-Environment	Test the database availability and the connect		
Deployments Deployments D →Services D →Messaging →Data Sources	What is the full package name of JDBC driver class used to create database connections in the connection pool? (Note that this driver class must be in the classpath of any server to which it is deployed.)		
Persistent Stores Foreign JNDI Providers	Driver Class Name:	oracle.jdbc.OracleDriver	
Work Contexts XML Registries XML Entity Caches	What is the URL of the database to connect to?	? The format of the URL varies by JDBC driver.	
jCOM Mail Sessions	jdbc:oracle:thin:@(DESCRIPTION= (ADDRESS_LIST=(ADDRESS=(PROTOCO (HOST=blrgxr6117.in.oracle.com)	DL=TCP)	
How do I 🖂	(HOSI=DIFgxF611/.in.oracle.com) (PORT=1521)))(CONNECT_DATA= (SERVICE_NAME=FCUBS11G)))	•	
System Status 🖂	Click the test button to test each listener.		
Health of Running Servers	Test Listener jdbc:oracle:thin:@(DESCRIPTIO	ON=(ADDRESS_LIST=(ADDRESS=(PROTOCOL=TCP)(HOS	T=blrgxr6117.in.oracle.com)(PORT=1521)))(CONNECT_DATA=(SERVICE_NAME=FCUBS11G)))
Failed (0) Critical (0)	What database account user name do you want		
Overloaded (0) Warning (0)	Database User Name:	FCUBSNBESUP	
OK (2)	What is the database account password to use	to create database connections?	



7) Enter the ONS host:port details which has already been configured in database

Ind perioding charges exist. Linck the reference Configuration button to allow others to edit the domain. Lock & Edit Release Configuration	Back, Views / Finish Cancel ONS Client Configuration Define ONS Client Configuration		
Domain Structure	Check to enable the data source to subscribe to and process Oracle FAN events		
bifoundation_domain	Ør FAN Enabled		
Deployments	Enter host and port of each ONS node separated by colon and click the add button.		
Hessaging Data Sources Persistent Stores	ONS host and port:		
Foreign JNDI Providers Work Contexts XNL Registries XNL Entity Caches JCOM Mail Sessions	mc13dbzg1-zone-1-mc13-n1-6200 mc13dbzg1-zone-1-mc13-n2-6200 w		
How do I 😑	The location of the Oracle wallet file in which the SSL certificates are stored.		
Create JDBC GridLink data sources	ONS Wallet File Directory:		
System Status			
Health of Running Servers	The wallet password attribute that is included as part of the ONS client configuration string. This attribute is only required when ONS is configured to use the SSL protocol.		
Failed (0) Critical (0)	ONS Wallet Password:		
Overloaded (0) Warning (0)	Confirm ONS Wallet Password:		
ОК (2)	Back, Next, Finish Cancel		

8) Click "Test ONS Nodes" to check the connection with ONS.

Weblogic Server Ad	Infinitistration Console 12C	
Change Center	🏦 Home Log Out Preferences 🗟 Record Help	ion_doma
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 for mc13dbzg1-zone-1-mc13-n1:6200 succeeded.	
Lock & Edit	Create a New JDBC GridLink Data Source	
Release Configuration	Test ALONS Nodes Back Next Finish Cancel	
Domain Structure	Test ONS client configuration	
bifoundation_domain	Test the ONS client configuration properties you provided	
Environment Deployments	Check to enable the data source to subscribe to and process Oracle FAN events	
-Services -Messaging	✓ FAN Enabled	
Data Sources Persistent Stores	Enter host and port of each ONS node separated by colon and click the add button.	
Foreign JNDI Providers	ONS host and port:	
VOIR Contexts VML Registries VML Entity Caches JCOM Mail Sessions	mc13dbzg1-zone-1-mc13- ^ ^ n1:6200,mc13dbzg1-zone-1-mc13-n2:6200 ~	
How do I		
Create JDBC GridLink data sources	Click the test button to test ONS node.	
	Test ONS Node mc13dbzg1-zone-1-mc13-n1:6200	
System Status 😑	Test ONS Node mc13dbzg1-zone-1-mc13-n2:6200	
Health of Running Servers	The location of the Oracle wallet file in which the SSL certificates are stored.	
Failed (0) Critical (0) Overloaded (0)	ONS Wallet File Directory:	
Warning (0) OK (2)	The wallet password attribute that is included as part of the ONS client configuration string. This attribute is only required when ONS is configured to use the SSL protocol.	



9) Select Target and click on Finish

	ministration Console 12c	Q
Change Center	🟦 Home Log Out Preferences 🔤 Record Help	ome, weblogic Connected to: bifoundation_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	Create a New JDBC GridLink Data Source	
the domain.	Back Next Finish Cancel	
Lock & Edit	Select Targets	
Release Configuration	You can select one or more targets to deploy your new JDBC data source. If you don't select a target, the data source will be created but not deployed. You will r	need to deploy the data source at a later time.
Domain Structure		
bifoundation_domain	Servers	
Domain Partitions Environment	AdminServer	
Deployments Services		
Messaging	Clusters	
Data Sources Persistent Stores	All servers in the cluster	
Foreign JNDI Providers	Part of the cluster	
Work Contexts XML Registries	bi_server1	
XML Entity Caches jCOM		
	Back Next Finish Cancel	
How do I		
Create JDBC GridLink data sources		
System Status		





FCUBS Gridlink Datasource Configuration [June] [2024] Version 14.7.4.0.0

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