

WebLogic Server Configuration Checklist
Oracle Banking Payments
Release 14.1.0.0.0
[May 2018]



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1. Introduction

1.1 About This Manual

This document briefs the list of checklists to validate WebLogic Server Configuration, to make it compatible to Oracle Banking Payments 14.1.

2. WebLogic Server Configuration

2.1 Check list to validate WebLogic Server Configuration

Below are the list of steps to validate WebLogic server configuration.

1. Identify the Managed Server in which the Application EAR is deployed
 - a. Login to the WebLogic Console
 - b. Navigate to Environment ---> Servers
 - c. From the List of Servers, locate and click on the Managed Server in which the Application EAR is deployed

The screenshot shows the Oracle WebLogic Server Administration Console. The left-hand navigation pane has 'Servers' highlighted. The main content area displays a table of servers. The table has columns: Name, Type, Cluster, Machine, State, Health, and Listen Port. The 'ServerU1' row is highlighted. A red callout bubble points to the 'Name' column header with the text 'Click the Managed Server for Server Configuration'.

Name	Type	Cluster	Machine	State	Health	Listen Port
Admin142(admin)	Configured			RUNNING	OK	4001
ServerU1	Configured		Machine1	RUNNING	OK	4010
ServerU2	Configured		Machine1	RUNNING	OK	4024

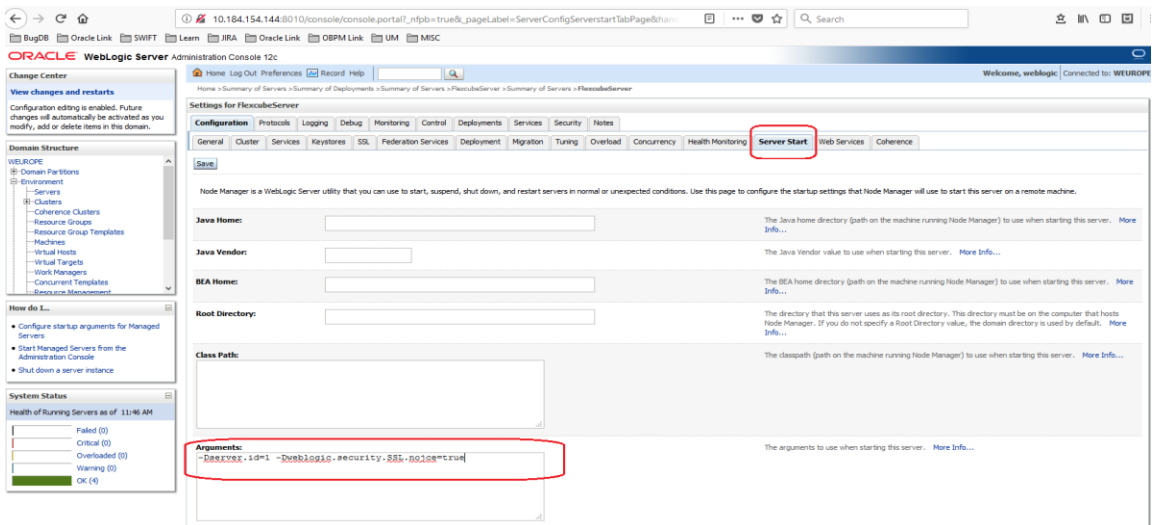
2. Verifying Arguments for Reference Number Generation

- a. After clicking the Managed Server, navigate to 'Server Start' tab under the 'Configuration Tab'
- b. Verify the Arguments as shown below

-Dserver.id=1 -Dweblogic.security.SSL.nojce=true

Note

Parameter '-Dserver.id=1' is required for the Reference Number Generation in OBPM Transaction screens. If not set, OBPM Transaction screens will report Error on click of NEW



3. Data Source Setup Verification

a. Navigate to the Data Sources Configuration

b. Below Data Sources must be mapped in the Data Sources Configuration

i. fcjBatchDS

ii. fcjdevDS

iii. fcjpmDS

iv. fcjSchedulerDS

v. jdbc/fcjdevDS_XA

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Home > Summary of Servers > Summary of JDBC Data Sources > fcjpmDS > Summary of JDBC Data Sources

Summary of JDBC Data Sources

Configuration Monitoring

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 tree and then borrow a database connection from the pool. This page summarizes the JDBC data source objects that have been created in this domain.

Customize this table

Data Sources (Filtered - More Columns Exist)

Click the **Lock & Edit** button in the Change Center to activate all the buttons on this page.

Name	Type	JNDI Name	Targets	Scope
fcjBatchDS	Generic	jdbc/fcjBatchDS	Server6	Global
fcjdevDS	Generic	jdbc/fcjdevDS	Server6	Global
fcjpmDS	Generic	jdbc/fcjpmDS	Server6	Global
fcjSchedulerDS	Generic	jdbc/fcjSchedulerDS	Server6	Global
jdbc/fcjdevDS_XA	Generic	jdbc/fcjdevDS_XA	Server6	Global

c. Below listed Data Sources must be configured as NXA (Please refer to the below screenshot for fcjpmDS)

- i. fcjBatchDS
- ii. fcjdevDS
- iii. fcjpmDS
- iv. fcjSchedulerDS

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Home > Summary of Servers > Summary of JDBC Data Sources > fcjpmDS > Summary of JDBC Data Sources > fcjpmDS

Settings for fcjpmDS

Configuration Targets Monitoring Control Security Notes

General **Connection Pool** Oracle ONS Transaction Diagnostics Identity Options

Click the **Lock & Edit** button in the Change Center to modify the settings on this page.

Save

The connection pool within a JDBC data source contains a group of JDBC connections that applications reserve, use, and then return to the pool. The connection pool and the connections within it are created when you deploy the data source to a new target.

Use this page to define the configuration for this data source's connection pool.

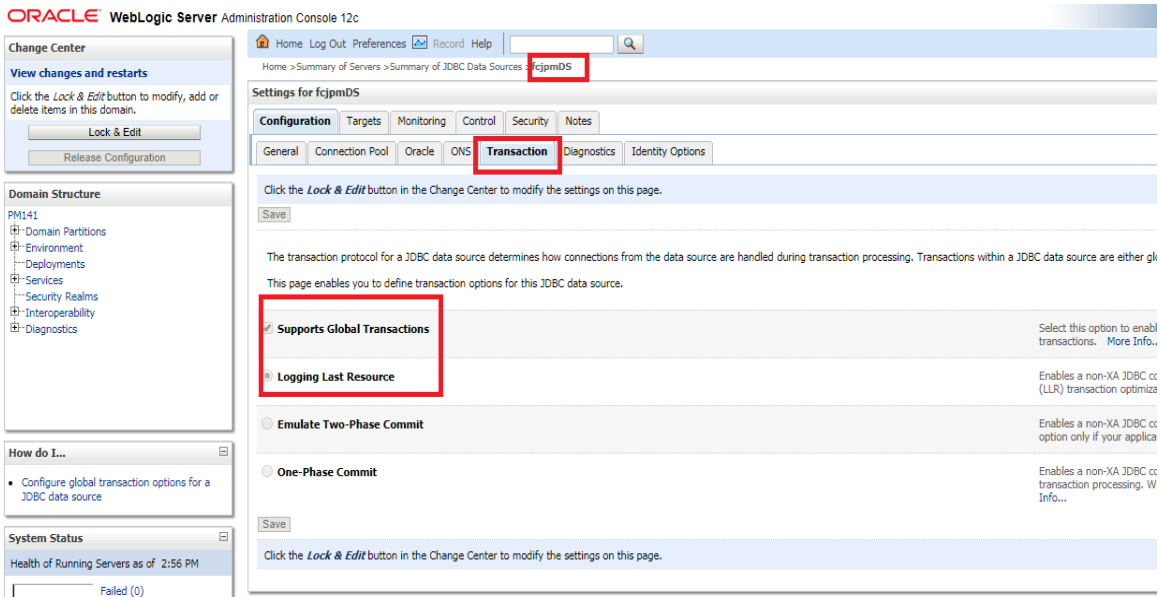
URL: jdbc:oracle:thin:@10.184.134.245:1521/FC122PM The URL of the database to connect to. The

Driver Class Name: oracle.jdbc.OracleDriver The full package name of JDBC driver class connection pool. (Note that this driver class deployed.) More Info...

Properties: user=PM141NLY The list of properties passed to the JDBC driver. For example: server=dbserver1. List each property.

System Properties: The list of System Properties names passed connections. For example: server=dbserver1.

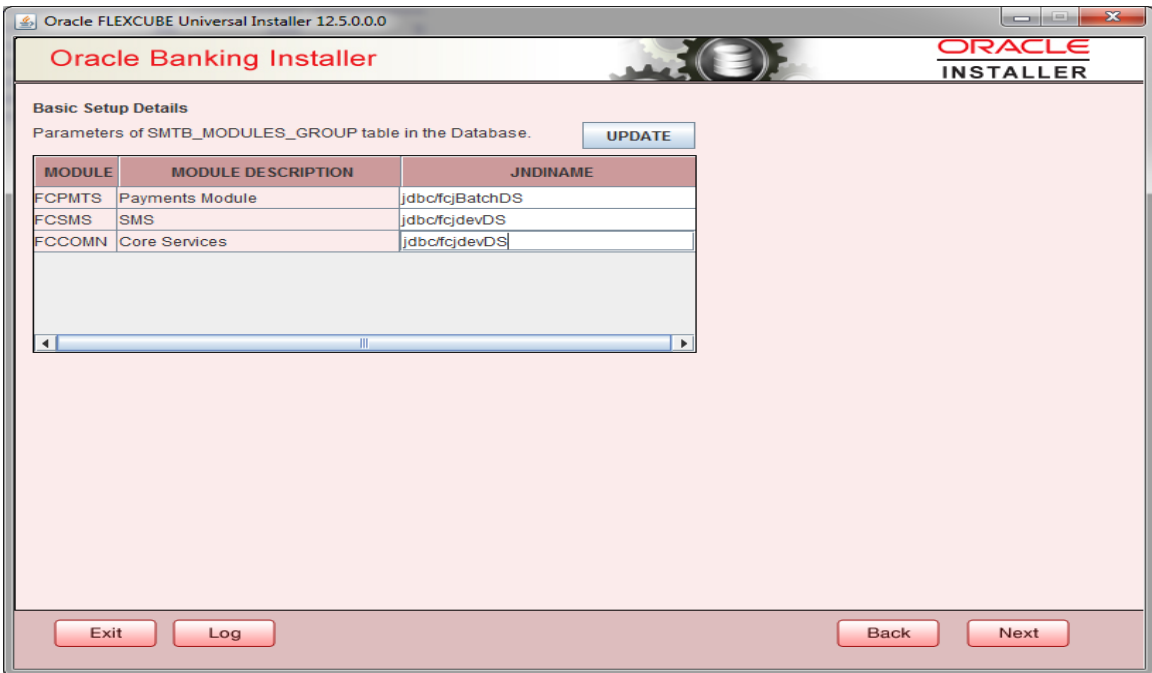
- d. Below options must be enabled for the GTXN Data Source - fcjpmDS
 - i. Supports Global Transactions
 - ii. Logging Last Resource



4. Verifying data in SMTB_MODULES_GROUP Table

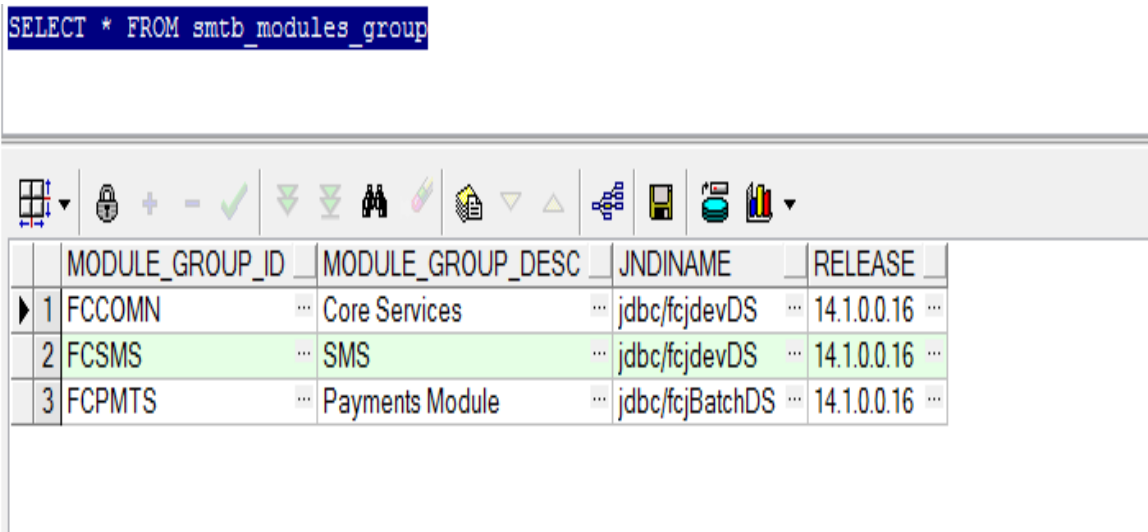
- i. JNDI Names Input during Installation process must be verified with records in the SMTB_MODULES_GROUP table

Below is the screenshot of Data Input during installation



Below is the screenshot of records in the SMTB_MODULES_GROUP table

```
SELECT * FROM smtb_modules_group
```



	MODULE_GROUP_ID	MODULE_GROUP_DESC	JNDI NAME	RELEASE
1	FCCOMN	Core Services	jdbc/fcdevDS	14.1.0.0.16
2	FCSMS	SMS	jdbc/fcdevDS	14.1.0.0.16
3	FCPMTS	Payments Module	jdbc/fcBatchDS	14.1.0.0.16

Note

- Post these changes restart the managed server



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