WebLogic Server Configuration Checklist Oracle Banking Payments Release 14.4.0.00 [May 2020]



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1. Introduction

1.1 AboutThisManual

This document briefs the list of checklists to validate WebLogic Server Configuration, to make it compatible to Oracle Banking Payments 14.3.



2. WebLogic Server Configuration

2.1 ChecklisttoValidateWebLogicServerConfiguration

Below are the list of steps to validate WebLogic Server Configuration post successful installation of OBPM

- 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

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Lock & Edit	Configuration Control													
Release Configuration	A server is an instance of WebLogic Server that runs	in its own Java Virtual Machine (JV	M) and has its own configuration.											
Jonsain Structure	This page summarizes each server that has been con	figured in the current WebLogic Se	jar-05 -Summer of Disjonnents -Sammer of Servers											
M142 * P Domain Partitions P Environment	0													
Servers Custers Coherence Olusters Resource Groups Resource Group Templates	© Customize this table Servers (Filtered - More Columns Exist) Click the Lock & Edit button in the Change Center	to activate all the fultons on this pr	19e.											
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tow do I	ServerU1	Configured		Machine1	RUNNING	✓ OK	4010							
	ServerU2	Configured		Machine1	RUNNING	₩ OK	4024							
Create Managed Servers Clone servers Delete Managed Servers Delete the Administration Server	[New] [Clone] [Delete]						Showing 1 to 3							

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 on launch will report Error on click of NEW



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[Boot	
Node Manager is a Wibliogic Server utility that you can use to start, suspend, shut down, and restart servers in normal or unexpected conditions. Use this page to cont	foure the startup settings that Node Manager will use to start this server an a remote mothine.
Java Home:	The Jaco house denotery (path on the reactive narring block Hamager) to use when starting this server. More $\inf_{i \in \mathcal{I}} h_{i+1}$
Java Vendor:	The Java Vendor value to use when starting the enver. More Srfo
BEA Home:	The BEA have directory (path on the machine numbra Node Harvager) to use when starting this server. More ${\rm Inf6}_{\rm min}$
Boot Devertery:	Die directory that this server uses as its not directory. This directory exist be on the computer that hosts field Monager. If you do not specify a Raot Directory value, the densin directory is used by default. Here time
Class Path.	The classpath (path on the machine narring Node Manager) to use when starting this server. Mare brium
Arguments -Destruct.iowi -Streplogic.security.SSL-Dolog#true	The anguments to use when starting this serves. Have bills

- 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. Jdbc/fcjdevDS
 - ii. Jdbc/fcjdevDS_GTXN
 - iii. Jdbc/fcjdevDS_XA
 - iv. Jdbc/fcjSchedulerDS



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	Summary of JOBC Data Sources													
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Release Configuration														
	A 3DBC data source is an of	tject bound to the JNDI tree that provides	database connectivity through a pool of 3	36C connections. Applications can look up a data source on the 3NDI tree	e and then borrow a database connect	tion from a data source.								
main Structure	This page summariaes the JDBC data source objects that have been created in this domain.													
143 "Domain Partitions														
Environment	Customize this table													
Deployments	Data Sources (Filtered - I	Home Columns Evict)												
Services Security Realms														
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'Diagnostics	Nerve Detet													
	O Name A	Туре	JNDI Name	Targets	Scope	Domain Partitions								
	i jdbc/fcjdevD5	Generic	jdbc/fcjdev05	ServerA1, ServerIMPS, ServerSchd	Global									
	jdbc/fcjdev05_GTXN	Generic	jdbc/fcjdev05_GTIN	ServerA1, ServerIMPS	Global									
w do L 8	Jdbc/fcjdevO5_XA	Generic	jdbc/fcjdevO5_XA	ServerA1, ServerSchd	Global									
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- c. Below listed Data Sources must be configured as NXA (Please refer to the below screenshot for Jdbc/fcjdevDS_GTXN)
 - i. Jdbc/fcjdevDS
 - ii. Jdbc/fcjdevDS_GTXN

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PM143	Save									
B ^I -Domain Partitions B ^I -Environments Deployments B ^I -Security Realms B ^I -Interoperability B ^I -Deproducts	WebLogic Serv	er or when de	sploying the	data source	e to a new ta	rget.		pool. The connection pool and the connections within it are onested when the connection pool is negistered, usually		
	ORL:			jdbi	c:oracle.thi	n.@wh/004	aea.in.oracle.com.1523/pmtmppdb	The URL of the database to connect to. The format of the URL varies by 3DBC driver.		
	Driver Class Name: oracle jdbc. OracleDriver							The full package name of 3DBC driver class used to create the phraical database con connection pool. (Note that this driver class must be in the datapath of any server to deployed.) More thick.		
How do I 🐵	6 Properties:							The list of properties passed to the JOBC driver that are used to create physical datable example: server+observer1. List each property+value pair on a separate line. More Li		
Configure testing options for a JDBC data source	user=CPNUS	R16						ana itina parka uning ka si per anti bisha tukuna bar ya a Abisha ka . Unut si		
Configure the statement cache for a JDBC connection pool										
 Configure credential mapping for a JDBC data source 					Å					
 Configure connection harvesting for a connection pool 	System Proper	rties:						The list of System Properties names passed to the JOBC driver that are used to create connections. For example: server-closerver1. List each property-value pair on a separ		
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- d. Below options must be enabled for the GTXN Data Source Jdbc/fcjdevDS_GTXN
 - i. Supports Global Transactions
 - ii. Logging Last Resource

Change Center		Home Log	Out Preferer	ices 🔝 Ro	cord Help	P		Q.				
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delete items in this domain.		Configuration	Taroets	Monitoring	Contr							
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		Logging Last Resource								Enables a non-XA 3DBC connection to participate in distributed transact (LLR) transaction optimization. Recommended in place of Emulate Two-		
		Emulate Two-Phase Commit								Enables a non-XA JOBC connection to emulate participation in distribu option only if your application can tolerate heunstic conditions. More		
How do I										Enables a non-XA 3DBC connection to participate in distributed transact		
 Configure global transaction options for a 3DBC data source 		One-Phase Commit						tracets a non-xx succonnection to participate in distribution transaction transaction processing. With this option, no other resources can particip Info				
System Status	3	Save										
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- 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

Oracle Banking Installer ORACLE Basic Setup Details INSTAL Parameters of SMTB_MODULES_GROUP table in the Database. UPDATE	
MODULE MODULE DESCRIPTION JNDINAME	
FCPMTS Payments Module jdbc/fcjdevDS	
FCSMS SMS jdbc/fcjdevDS	
FCCOMN Core Services jdbc/fcjdevDS	
Exit Log Back Nex	t



Below is the screenshot of records in the SMTB_MODULES_GROUP table

SELECT * FROM smtb_modules_group

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		MODULE_	GROUP_	ID	MODULE_GROUP_DESC)	JNDINAME		RELEASE	ENTITY_ID	
)	1	FCCOMN			Core Services		jdbc/fcjdevDS				
	2	FCSMS			SMS		jdbc/fcjdevDS				
	3	FCPMTS			Payments Module		jdbc/fcjdevDS		14.2.0.0.1	ENTITY_ID1	

Note

Post these changes restart the managed server



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