

Payments Resource Setup
Oracle Banking Payments

Release 14.5.2.0.0
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1. Resource Details

1.1 Introduction

This chapter explains the basic resources required for a WebLogic Setup for Oracle Banking Payments Product.

1.2 Resources List

Resources to be created in Application server is attached below.



ResourcesList_14.5.
xlsx

New queues added for each patchset will be available in below path

https://docs.oracle.com/cd/F10815_01/paymentsptsets.htm

2. Payments Resource Creation Tool in WebLogic

2.1 Introduction

This chapter explains usage of the tool that does the Resource Creation required in WebLogic Application Server and Parameters maintenances required for installation of Oracle Banking Payments product. This tool is available from patchset 14.3.0.6.1

2.2 Resource Creation in Weblogic and Parameter updation

2.2.1 Default Installation

1. Launch Oracle Banking Payments Resource Creation Maintenance Tool that is PMResourceList.bat from INSTALLER\SOFT in Windows.

```
bat, excel file and jar should be kept in the same path
...
Oracle Home should be set properly for this environment setup
once oracle path is given, it will launch Weblogic Setup Installer
ex: C:\app\client\aaf\product\19.0.0\client_1
Please enter Oracle Home Path:C:\app\client\aaf\product\19.0.0\client_1
Oracle Home path is set to C:\app\client\aaf\product\19.0.0\client_1
creating ResourceListSetup_logs folder
Launching the tool...
```

Need to provide the following detail:

JAVA HOME PATH

Provide the JDK home path with the latest version.

2. Launch Oracle Banking Payments Basic Maintenance Tool that is PMResourceList.sh from INSTALLER/SOFT in Linux.

```
sh file and jar should be kept in the same path
...
once oracle path and java path is given, it will launch Weblogic Setup Installer
ex: oracle path: /scratch/db/db1900/product/19.0.0/dbhome_1
ex: java path: /scratch/work_area/DBA/jdk1.8.0_251
off
enter Java Path:
/scratch/work_area/DBA/jdk1.8.0_251
Java Home is set to /scratch/work_area/DBA/jdk1.8.0_251
enter Oracle Path:
/scratch/db/db19600/product/19.6/db_home_5
oracle home is set to /scratch/db/db19600/product/19.6/db_home_5
off
Launching the tool...
```

Need to provide the following detail:

JAVA HOME PATH

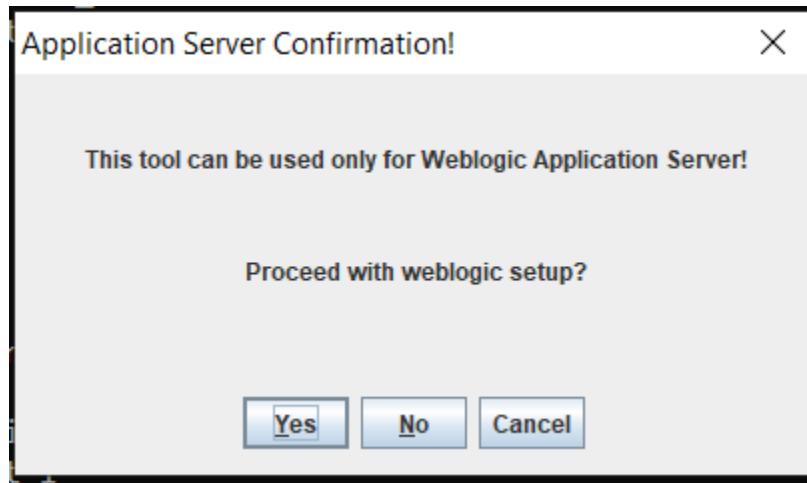
Provide the JDK home path with the latest version.

ORACLE HOME PATH

Provide the Oracle 19C Client Path or Database.

After providing required details as mentioned above, ResourceListSetup_logs Folder will be created in the same path wherein all logs related to this tool are generated for monitoring purpose and then the Application Server confirmation Window Pops Up as mentioned in next step.

3. Here we need to confirm if the Setup is required for Weblogic Application Server



Option Yes - Generates TOOL-GUI, Follow the steps from 2.2.2.

Option No - Throws error and pops the above Window again.

Option Cancel - Exit the above Window.

2.2.2 Weblogic Application Server Details

1. Below is the TOOL-GUI Generated post selection of YES.

Below screen has two tabs , one for entering the Weblogic Details and another tab for capturing the database details.

ORACLE BANKING PAYMENTS BASIC MAINTENANCE SETUP

Weblogic Details

Weblogic Details:

Installation Type:

External Queues:

User Name: Password:

Weblogic Console port: Provider URL port:

Host Name: JMS Server Name:

Server Cluster: Filestore Name:

Target Server Name: JMS Module Name:

Target Cluster Name: Sub-deployment Name:

Datasource Name: Datasource JNDI Name:

Domain Path: 

Filestore Path: 

Weblogic Path: 

Exit **Save** **Next**

Prerequisites in Weblogic:

This tool requires that the Domain and the managed server /Cluster managed server to be already present in the Weblogic Application before the tool is launched.



: Gives a brief explanation/help on the fields to be entered in the screen.

Installation Type:

Select one of the following values.

1. New – This option is used for New Setup in Weblogic. Also Enables fields for entering the Datasource Details. Resource details will be fetched from PMResourceList.xlsx.
2. Existing – This option is for creating additional Queues , Topics and QCF on already existing weblogic Setup. Resource details will be fetched from PMResourceList_Patchset.xlsx.

External Queues:

Select one of the following values.

1. Yes – To create External Queues List from Excel.
2. No – To Ignore External Queues List from excel.

User Name, Password, Weblogic Console Port, and Host Name:

Enter the Application server Console Access Details , Console Port and the Host name of the Weblogic server.

Example: User Name: Weblogic
 Password: *****
 Weblogic Console Port: 7001
 Host Name: whf00***.in.oracle.com

Provider URL Port:

Enter the port of the managed Server where the Queues will be created in the Application Server.

Example: 7010

JMS Server Name, File Store Name, JMS Module Name, Sub-deployment Name :

Accept the Weblogic resource names to be created in Weblogic Application Server

Example: JMS Server Name: JMSServer
 File Store Name: FileStore
 JMS Module Name: JMSModule
 Sub-Deployment Name SBD

Note: For Installation type 'New' , all of the above JMS resource names will be concatenated with 'PM' at the beginning followed by the resource name at the time of resource creation.
For eg : PMJMSServer.

For Installation type 'Existing', provide the names of the resource already available in the setup.

Datasource Name , Datasource JNDI Name:

Enter the details of the datasource name and the JNDI Name to be created for Payments.

 Datasource Name: fcjdevDS
 Datasource JNDI Name: jdbc/fcjdevDS

Server Cluster: Select one of the following values.

1. Yes – For Existing Cluster Setup, this enables both Target Sever and Cluster Name.
2. No – For Setup without Cluster, this enables Target Server Name only.

Target Server :

Enter the name of the Managed Server name used in Weblogic where the queues will be created. Managed Server should already be created/present in the server.

Target Cluster Name:

Enter the name of Cluster Managed Server. Cluster should already be created in the server.

Example: Weblogic Server Name: ManagedServer1
 Weblogic Cluster Name: MSCluster1

Domain Path :

Enter the path in the Application Server where the Weblogic Domain is created. This should already be present in the server.

Example: Domain Path:

- i. Linux - /scratch/app/wl12213/user_projects/domains/FC142COD.
- ii. Windows - C:\\app\\client\\aaaf\\product\\19.0.0\\client_1.

Filestore Path:

Filestore should already be present in the server and this path should be entered in this field.

Example: Filestore Path:

- i. Linux - /scratch/work_area/DEV/PM143/PMFILESTORE.
- ii. Windows - D:\\FILESTORE.

Weblogic Path:

Enter the path for the Weblogic Home for Local or Server Machine, where Weblogic is installed.

Example:

- i. Linux - /home/Oracle/Middleware/Oracle_Home/wlserver.
- ii. Windows - C:\\Oracle\\Middleware\\Oracle_Home\\wlserver.

Once above details are provided click on Save to create all the necessary folders and files also it enables Next button on successful creation. Click Next and proceed with steps in below 2.2.3 section. Logs can be monitored in \\ResourceListSetup_logs\\WeblogicTool_[DATE].log.

2.2.3 Database Server Details

1. Below Window will be visible on clicking Next.

The screenshot shows a window titled "ORACLE BANKING PAYMENTS BASIC MAINTENANCE SETUP". On the left, there is a sidebar with two tabs: "Weblogic Details" and "DB Details", with "DB Details" being the active tab. The main area of the window is titled "Database details:" and contains five input fields: "Server Name:", "User Name:", "Password:", "Database Name:", and "Server Port:". Below these fields is a "Test Connection" button. In the top right corner of the main area, the "ORACLE" logo is displayed in red, with "Banking Payments" written in black below it. At the bottom of the window, there is a grey bar containing four buttons: "Exit", "Back", "Update", and "Start Creation".

DATABASE Details required for

- i. To set target of Datasources.
- ii. Basic Parameters Maintenances to be done in the database schema.

Database Name, Server Name and Server Port:

Enter the Database name, Host Sever name and port in which the Payments database in created.

User Name, Password:

Schema User Name and Password to access Payments Database.

Post providing above details click on Test Connection, once connection is successful, proceed with 2.2.4.

2.2.4 Database Update and Resource creation in Weblogic

1. Once the connection is successful, "Update" and "Start Creation" buttons are enabled.
2. **Update:** Optional Step to update all necessary installation parameter tables i.e pmtm_job_param, pmtm_system_parameters and cstm_external_server_details. Post completion we will get the status along with time taken. Logs can be monitored under \\ResourceListSetup_logs\\WeblogicTool_[DATE].log.
3. **Start Creation:** To proceed with Resource creation in Weblogic. Post completion we will get the status along with time taken. Logs can be monitored in folder \\ResourceListSetup_logs\\QueueCreation_[DATE].log.



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