

# Oracle® Banking Payments

## Payments Resource Setup



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ORACLE®

Oracle Banking Payments Payments Resource Setup, Release 14.8.1.0.0

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# 1

## Preface

- [Purpose](#)
- [Audience](#)  
This manual is intended for the following User/User Roles:
- [Documentation Accessibility](#)
- [Critical Patches](#)
- [Diversity and Inclusion](#)
- [Conventions](#)

### 1.1 Purpose

This guide is designed to help acquaint you with the Oracle Banking Payments application. This guide provides answers to specific features and procedures that the user need to be aware of the module to function successfully.

### 1.2 Audience

This manual is intended for the following User/User Roles:

**Table 1-1 User Roles**

Role	Function
Implementation & IT Staff	Implementation & Maintenance of the Software

### 1.3 [Documentation Accessibility](#)

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

#### **Access to Oracle Support**

Oracle customers that have purchased support have access to electronic support through My Oracle Support. For information, visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info> or visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs> if you are hearing impaired.

### 1.4 Critical Patches

Oracle advises customers to get all their security vulnerability information from the Oracle Critical Patch Update Advisory, which is available at [Critical Patches, Security Alerts and Bulletins](#). All critical patches should be applied in a timely manner to make sure effective security, as strongly recommended by [Oracle Software Security Assurance](#).

## 1.5 Diversity and Inclusion

Oracle is fully committed to diversity and inclusion. Oracle respects and values having a diverse workforce that increases thought leadership and innovation. As part of our initiative to build a more inclusive culture that positively impacts our employees, customers, and partners, we are working to remove insensitive terms from our products and documentation. We are also mindful of the necessity to maintain compatibility with our customers' existing technologies and the need to ensure continuity of service as Oracle's offerings and industry standards evolve. Because of these technical constraints, our effort to remove insensitive terms is ongoing and will take time and external cooperation.

## 1.6 Conventions

The following text conventions are used in this document:

Convention	Meaning
<b>boldface</b>	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 variables for which you supply particular values.
<code>monospace</code>	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

# 2

## Resource Details

- [Introduction](#)  
This chapter explains the basic resources required for a WebLogic Setup for Oracle Banking Payments Product.
- [Resources List](#)

### 2.1 Introduction

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

### 2.2 Resources List

Refer [Resource List](#) for Resources to be created in Application server.

#### **Note**

All the Queues listed in the resource list should be created.

# 3

## Payments Resource Creation Tool in WebLogic

- [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.
- [Resource Creation in Weblogic and Parameter updation](#)

### 3.1 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.

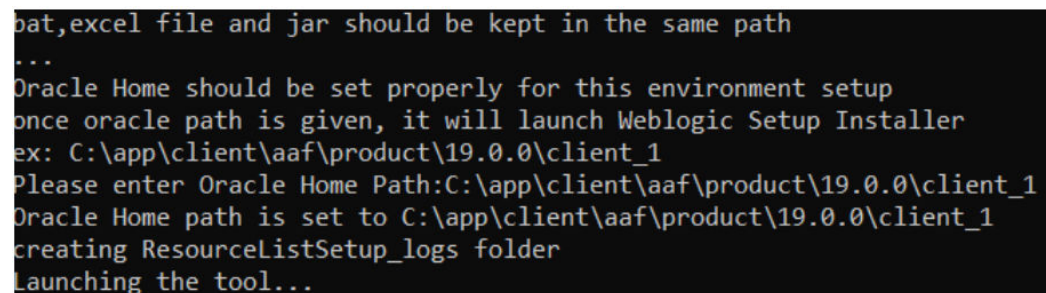
### 3.2 Resource Creation in Weblogic and Parameter updation

- [Default Installation](#)
- [Weblogic Application Server Details](#)
- [Database Server Details](#)
- [Database Update and Resource creation in Weblogic](#)
- [Domain and Resource Creation using WDT Tool](#)

#### 3.2.1 Default Installation

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

**Figure 3-1 PMResourceList.bat**



```
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.

**Figure 3-2 PMResourceList.sh**

```
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...
```

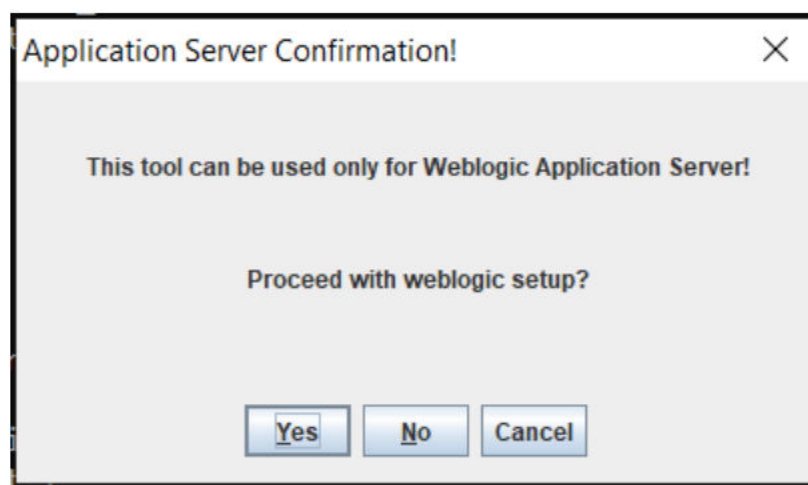
Need to provide the following detail:

- **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

**Figure 3-3 Application Server**





- p  
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.

3.2.2 Weblogic Application Server Details

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.

Figure 3-4 Weblogic Application Server

ORACLE BANKING PAYMENTS BASIC MAINTENANCE SETUP

Weblogic Details

DB Details

Weblogic Details:

Installation Type: [Dropdown]

External Queues: [Dropdown]

User Name: [Text]

Password: [Text]

Weblogic Console port: [Text]

Provider URL port: [Text]

Host Name: [Text]

JMS Server Name: [Text]

Server Cluster: [Dropdown]

Filestore Name: [Text]

Target Server Name: [Text]

JMS Module Name: [Text]

Target Cluster Name: [Text]

Sub-deployment Name: [Text]

Datasource Name: [Text]

Datasource JNDI Name: [Text]

Domain Path: [Text]

Filestore Path: [Text]

Weblogic Path: [Text]

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.

Figure 3-5 Help



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.

User Name:	Weblogic
Password:	NA*****
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

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.

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/wl1412/user_projects/domains/obpm
ii	Windows - C:\app\client\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 Domain Path:

i	Linux - /scratch/work_area/DEV/OBPM148/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 [Database Server Details](#) section. Logs can be monitored in \\ResourceListSetup\_logs\ \\WeblogicTool\_[DATE].log.

### 3.2.3 Database Server Details

1. Below Window will be visible on clicking Next.

**Figure 3-6 Database Server**

**DATABASE Details** required for

1. To set target of Datasources.
2. 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 [Database Update and Resource creation in Weblogic](#) section.

### 3.2.4 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.

## 3.2.5 Domain and Resource Creation using WDT Tool

1. Use `createDomain` cmd and provide the `FMW_home` path for further installation.
2. Download [WLmodel.text](#).
3. Change the file extension of **WLmodel.txt** to `.yaml` as **WLmodel.yaml**.
4. Update the values for **Domain Name**, **Cluster Name**, **Machine Name**, **IP Addresses**, **Ports**, and other relevant fields in `WLmodel` as required.
5. Run the command `sh createDomain.sh -oracle_home Oracle_Home_Path -domain_type WLS -domain_parent Domain_Path -model_file Path` to `.yaml` file.

### Note

This script creates domain with all the resources including JMS Queue.