

Payment Gateway Property File Creation  
Oracle FLEXCUBE Universal Banking  
Release 12.1.0.0.0  
[October] [2015]



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# 1. Creating Property File for Payment Gateway

## 1.1 Introduction

This chapter explains the steps to create the property file for the gateway components viz. Enterprise Java Bean (EJB), Message Driven Beans (MDB) and Web.

## 1.2 Prerequisites

Payment Gateway application deployment needs following server configurations, create the following queues and connection factories in the application server.

### **JMS Connection Factories**

Create the following connection factories:

- PM\_GW\_QCF

### **JMS Queues**

Create the following queues:

- PM\_GW\_REQ\_QUEUE

**Note**:- All these must be XA enabled.

A JMS connection factory and two JMS Queues has to be created with the JNDI as mentioned during Payment Gateway application property file creation for MDB response and MDB dead letter.

A JMS connection factory and a JMS Queues has to be created with the JNDI as mentioned during Payment Gateway application property file creation for notifications.

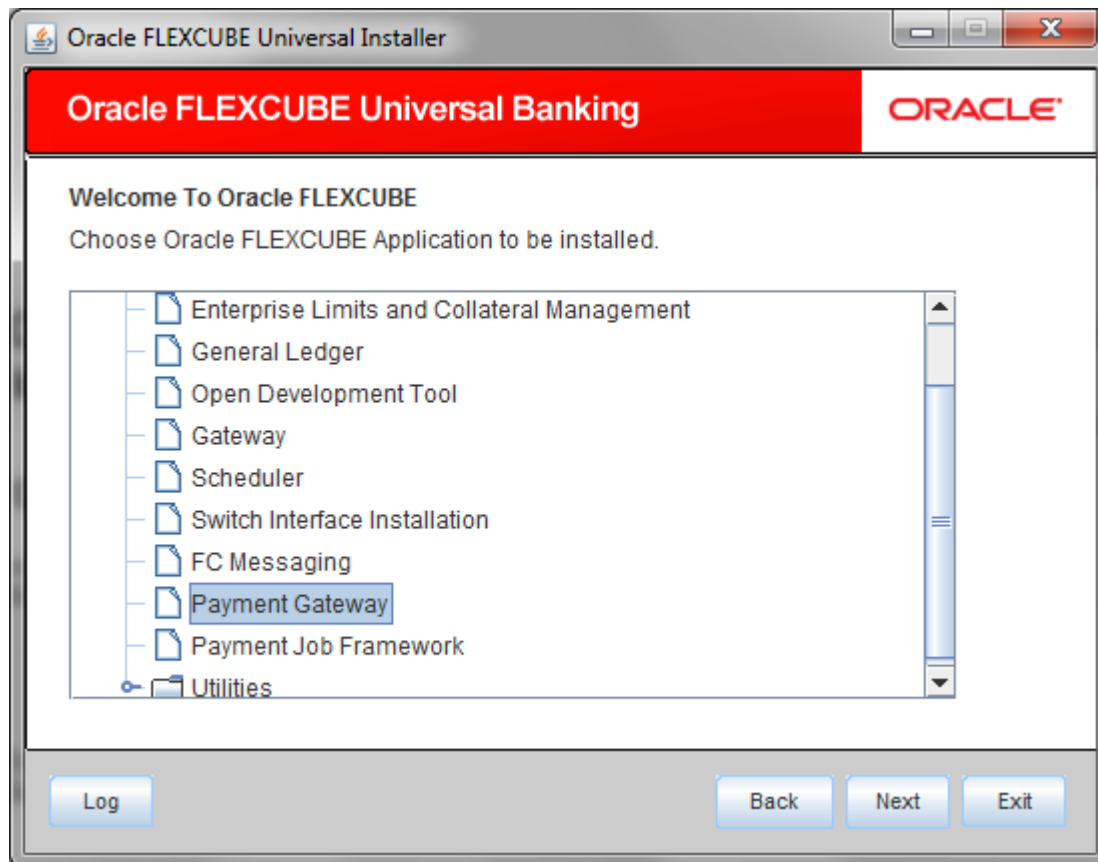
An XA data-source has to be created with the JNDI as mentioned during Payment Gateway application property file creation for database connection.

If Remote JMS destinations are required, it should be configured using Messaging Bridge in the application server.

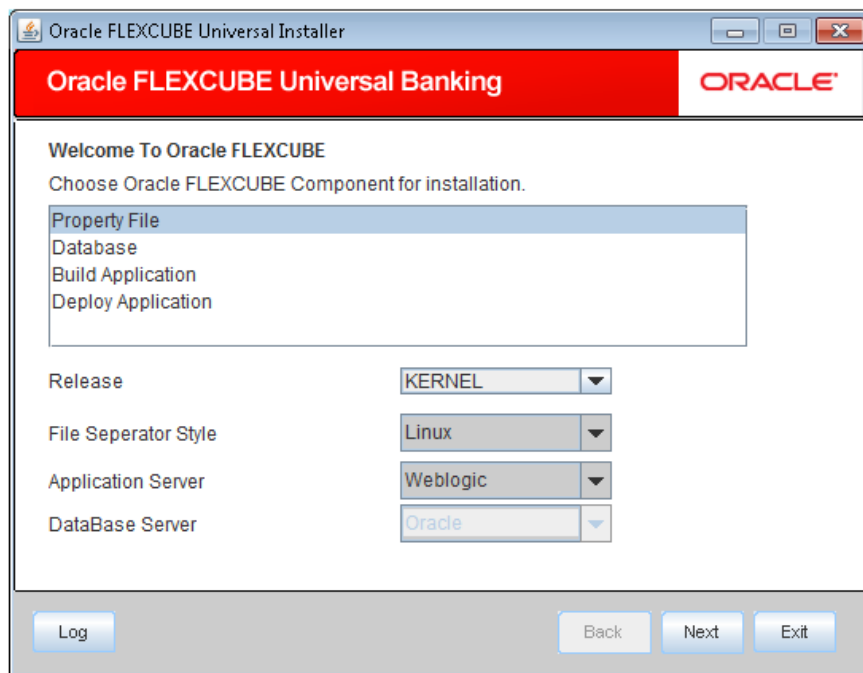
## 1.3 Creating Property Files

Follow the steps given below:

1. Start Oracle FLEXCUBE Universal Installer 1.0. Welcome screen is displayed



2. Enter JDK, Oracle, and application server home directory in respective input fields.
3. Select 'Payment Gateway' and click 'Next', the following screen is displayed:



4. Select 'Property File'.
5. Specify the following details:

#### **Operating System**

Specify the operating system in which you are creating the property file. Select the appropriate one from the adjoining drop-down list.

#### **Application Server**

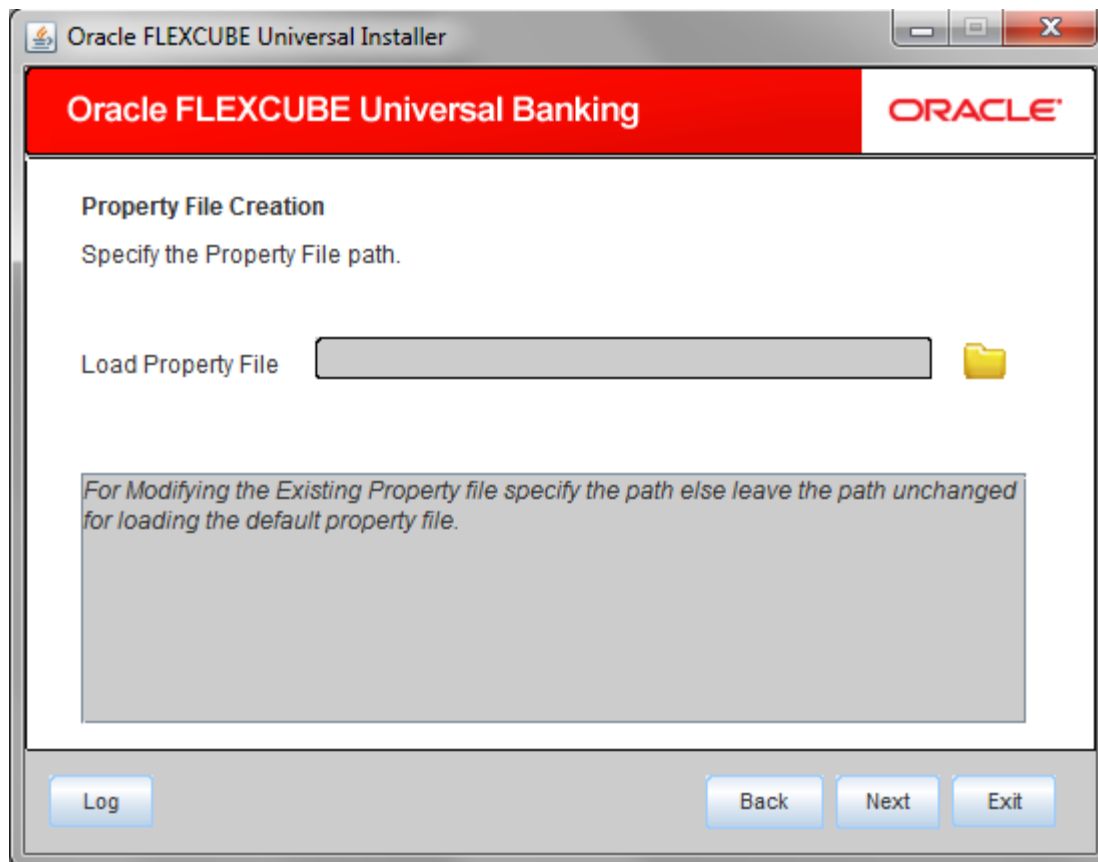
Specify the application server in which you are creating the property file. Select the appropriate one from the adjoining drop-down list.

#### **Release**

Specify the release in which you are creating the property file. **Select** the appropriate one from the adjoining drop-down list. The options are:

- KERNEL
- VN.Cluster

Once you have specified the details, click 'Next' to continue and following screen is displayed:



If you already have the property file and that needs some modifications then please browse the location and select it. Otherwise skip this page and go to next screen by clicking next.

The screenshot shows the 'Oracle FLEXCUBE Universal Installer' window. The title bar includes the Oracle logo and the text 'Oracle FLEXCUBE Universal Installer'. The window has a red header bar with 'Oracle FLEXCUBE Universal Banking' on the left and the 'ORACLE' logo on the right. The main content area is titled 'Property File Creation' and contains the text: 'Current screen provides an option for modifying the Common property values.' Below this text are several configuration options:

|                      |                          |
|----------------------|--------------------------|
| Enable Debug         | Yes ▼                    |
| Debug Path           | D:\BrnDbgs\              |
| Debug Level          | INFO ▼                   |
| Data Source          | jdbc/PMGateway           |
| Log Request Message  | No ▼                     |
| Log Response Message | No ▼                     |
| Symmetric Key        | oraclefinancialsolutions |

At the bottom of the window, there are four buttons: 'Log', 'Back', 'Next', and 'Exit'.

- **Debug log**

Select whether debug log is enabled or not. If yes then its enabled and its mandatory to provide Debug log path and level.

- **Debug path**

Provide the location to store debug logs

- **Datasource**

Provide JNDI name to lookup the datasource created in the application server.

- **Log Request Message**

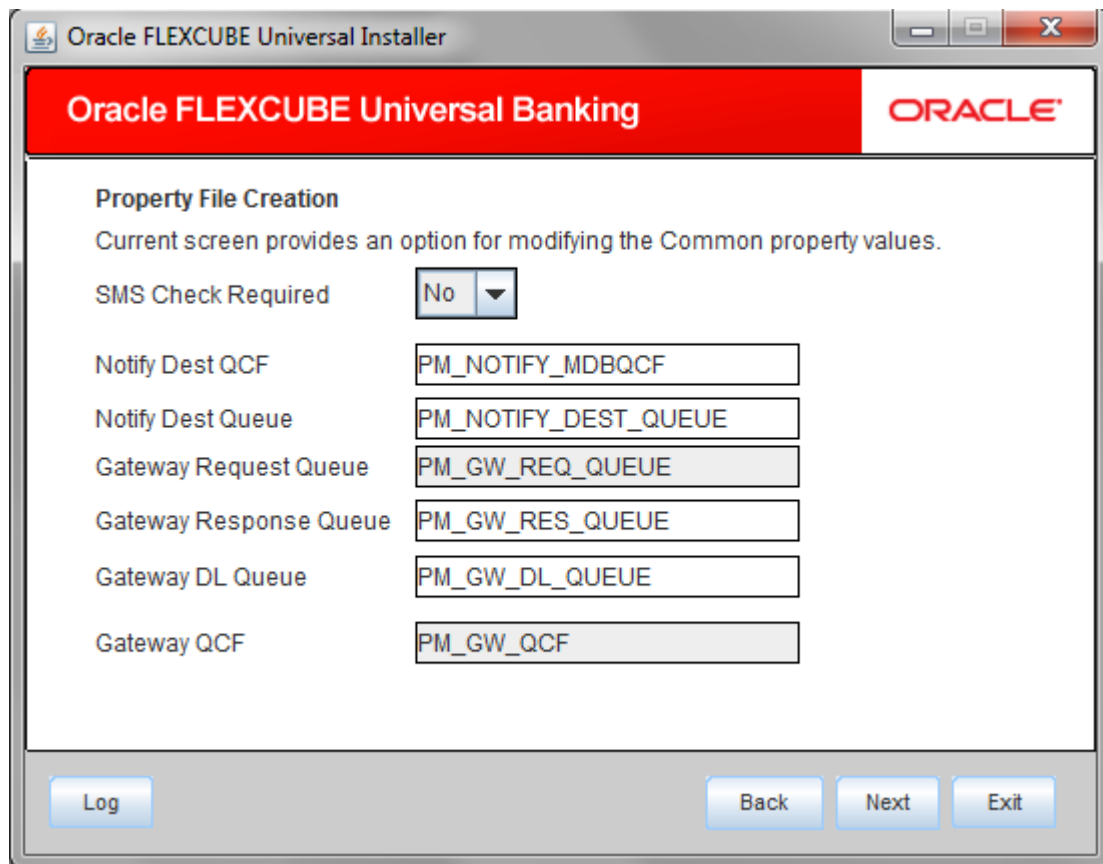
Select whether Request message required or not

- **Log Response Message**

Select whether response message required or not

- **Sysmetric Key**

Provide key to be used to for encryption.



The screenshot shows the Oracle FLEXCUBE Universal Installer window. The title bar reads "Oracle FLEXCUBE Universal Installer". The window has a red header bar with "Oracle FLEXCUBE Universal Banking" on the left and the "ORACLE" logo on the right. The main content area is titled "Property File Creation" and contains the text: "Current screen provides an option for modifying the Common property values." Below this text are several configuration options:

|                        |                      |
|------------------------|----------------------|
| SMS Check Required     | No ▼                 |
| Notify Dest QCF        | PM_NOTIFY_MDBQCF     |
| Notify Dest Queue      | PM_NOTIFY_DEST_QUEUE |
| Gateway Request Queue  | PM_GW_REQ_QUEUE      |
| Gateway Response Queue | PM_GW_RES_QUEUE      |
| Gateway DL Queue       | PM_GW_DL_QUEUE       |
| Gateway QCF            | PM_GW_QCF            |

At the bottom of the window, there are four buttons: "Log", "Back", "Next", and "Exit".

**SMS Check Required:**

Select whether SMS Check is required or not.

**Notify Dest QCF**



Provide JNDI for Queue connection factory 'Notify Dest QCF'

#### **Notify Dest Queue**

Provide JNDI for Queue 'Notify Dest Queue'

#### **Gateway Request Queue**

Provide JNDI for Queue 'Gateway Request Queue' is defaulted to 'PM\_GW\_REQ\_QUEUE' and not modifiable

#### **Gateway Response Queue**

Provide JNDI for Queue 'Gateway Response Queue'

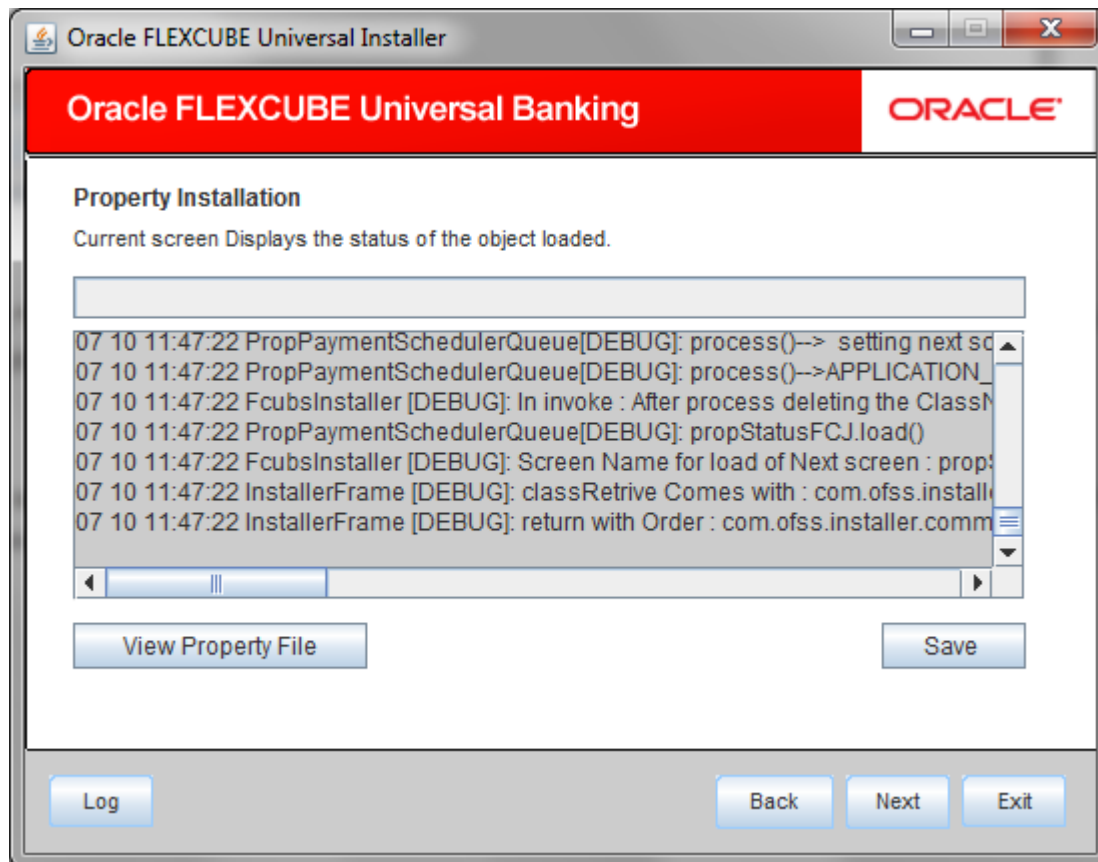
#### **Gateway DL Queue**

Provide JNDI for Queue 'Gateway DL Queue'

#### **Gateway QCF**

JNDI for Queue connection factory 'Gateway QF' is 'PM\_GW\_QCF' and not modifiable

Click next and save the property file in the desired location.



Click **“View Property File”** to review the property file entries. If any change is required then click back and change accordingly.

Click **save** if property file to be stored in specific location rather than default location. Click next to proceed with Build application.



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