

Oracle JC Payment Adapters Property File Creation  
Release 12.87.06.0.0  
[May] [2020]



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# 1. Installing Oracle Payments Adapters

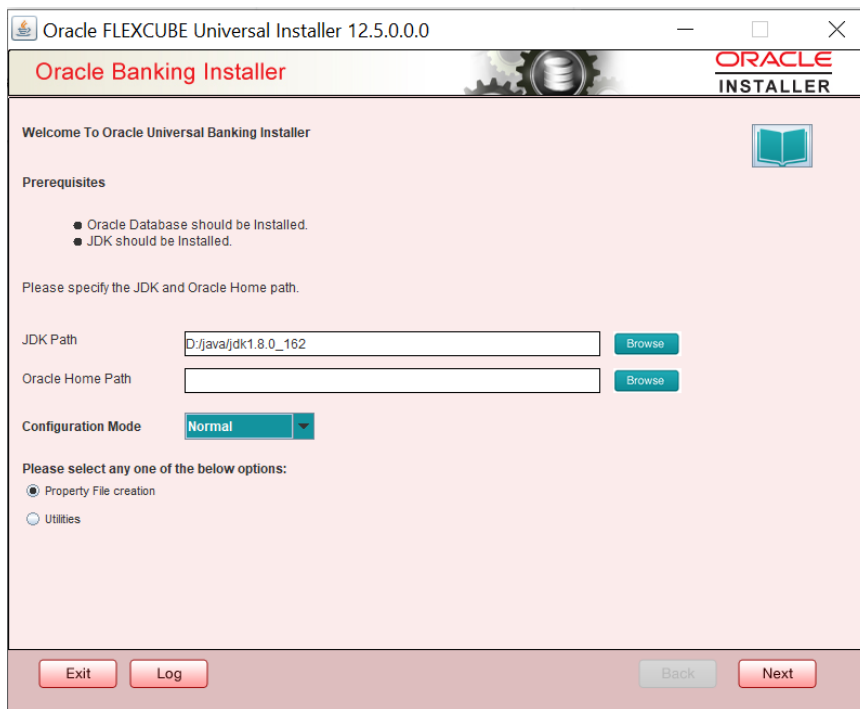
## 1.1 Introduction

This chapter explains the steps to create property files for Oracle FLEXCUBE Payment Gateway.

## 1.2 Creating Property File for Payments Gateway or Zengin Gateway

To create the property file, follow the steps given below:

1. Launch FcubsInstaller.bat from  
<FLEXCUBE\_HOME>/INSTALLER/SOFT/GUIAdapters/FcubsInstaller.bat



Enter the following details

### JDK Path

Maintain Home folder path of JDK. The JAVA HOME path given in previous screen gets defaulted

### Oracle Home

Maintain home folder path of Oracle Database Client. The ORACLE HOME path given in previous screen gets defaulted.

Select the radio buttons “**Property File creation**”

2. Click on Next, the following screen is displayed

Oracle FLEXCUBE Universal Installer 12.5.0.0.0

**Oracle Banking Installer**

Select one of the Components

☒ PM Gateway ☐ PM Scheduler ☐ Anser Gateway ☐ Zengin Gateway

Load Existing Property File

Enable Debug

Debug Level

Debug Path

Data Source  Queue Server

Symmetric Key  Log Request Message

Summary Query Fetch Size Limit  Log Response Message

Option to configure External Server for Destination Queue

No.	Name	Value
1	Host	10.10.10.10
2	User Name	infra
3	User Password	*****
4	Port Number	1521
5	Queue Manager	MQ.MGR
6	Channel	MQ.CHNL

3. Select the component from the radio button for which the property file is to be created.

- PM Gateway : To create property file for payments gateway
- PM Scheduler : To create property file for payments scheduler
- Anser Gateway: To create property file for anser gateway
- Zengin Gateway: To create property file for zengin gateway

4. Enter/Select the value for the other fields

#### Load Existing Property File

If existing property file has

#### Enable Debug

If debug option is required, select 'Yes' from the drop-down list. If not required, select 'No'. By default the value is 'No'

#### Debug Level

Select the debug level from the drop down, FINEST, FINER, FINE, CONFIG, INFO, WARNING, SEVERE

#### Debug Path

Provide the location to store debug logs

#### Data Source

Provide JNDI name of the datasource created or to be created in the application server.

### Symmetric Key

Provide key used for encryption

### Summary Query Fetch Size Limit

Provide a value for the number of records fetched when queried

### Queue Server

Select the required queue server JMS or MQ.

### Log Request Message

Select Yes if request message is to be logged

### Log Response Message

Select Yes if response message is to be logged.

### External Server Configuration for Destination Queue

**Host:** Host address of the server

**User Name:** User name to connect to the server

**User Password:** User password to connect to the server

**Port Number:** Port number of the server

**Queue Manager:** queue manager name in the server

**Channel:** MQ channel name

**Note:** Summary Query Fetch Limit, Log Request Message and Log Response Message are not applicable for application type, Anser Gateway.

5. Click on Next, the following screen is displayed

Oracle FLEXCUBE Universal Installer 12.5.0.0.0

**Oracle Banking Installer**

Property File Creation - Scheduler Queues

Option for configuring Scheduler Destination Queue

SMS Check Required:

Notify Dest Queue:

Notify Dest QCF:

JMS Context Factory:

JMS Provider Uri:

JMS Security Principal:

JMS Security Credential:

Gateway Response Queue:

Gateway Response QCF:

Gateway DL Queue:

Optional Modules

☐ MDB ☐ Web ☐ WebService

WebserviceURL Pattern:

Application Context:

Specify Gateway MDB Details.

No.	MDB Name	MDB Queue	MDB QCF
1	PaymentDB	PM_GW_REQ_QU...	PM_GW_QCF
2			
3			
4			

Exit Log Back Next

**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 Response QCF**

Provide JNDI for Queue connection factory 'Gateway response QCF'

**Gateway Response Queue**

Provide JNDI for Queue 'Gateway Response Queue'

**Gateway DL Queue**

Provide JNDI for Queue 'Gateway DL Queue'

**JMS Context Factory**

Specify the JMS Connection Factory for connection configuration parameters to create connections for JMS clients.

**JMS Provider URL**

Specify the JMS Provider URL for connection configuration parameters to create connections for JMS clients.

**JMS Queue Security Principal**

Specify the JMS Queue Security Principal for connection configuration parameters to create connections for JMS clients.

**JMS Queue Security Credetials**

Specify the JMS Queue Security Credential for connection configuration parameters to create connections for JMS clients.

**WebserviceURL Pattern**

Provide desired url pattern with which the payment web service will be accessible

**Application Context**

Provide the desired context name for Payment web service

**Optional Modules**

Choose optional modules to be included for Application.

## Gateway MDB Details

This screen provides the user an option to provide upto 5 MDB details (minimum of 1 mdb detail has to be provided) using which the application spawns with different MDB across queues associated with each MDB.

### MDB Name:

Provide desired name for payments MDB

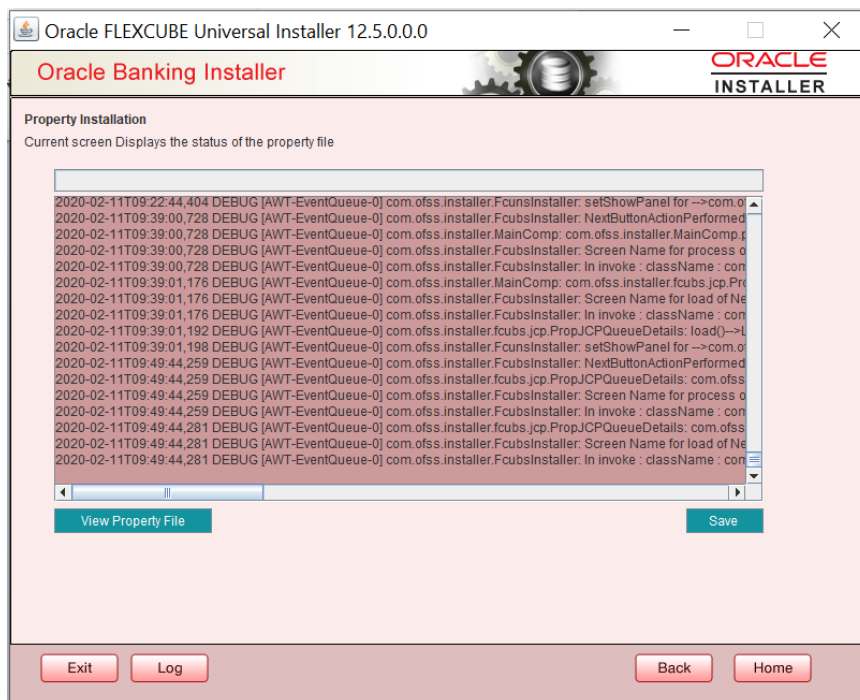
### MDB Queue

Provide desired jndi for MDB queue

### MDB QCF

Provide desired jndi for MDB QCF

6. Click on Next, the following screen is displayed

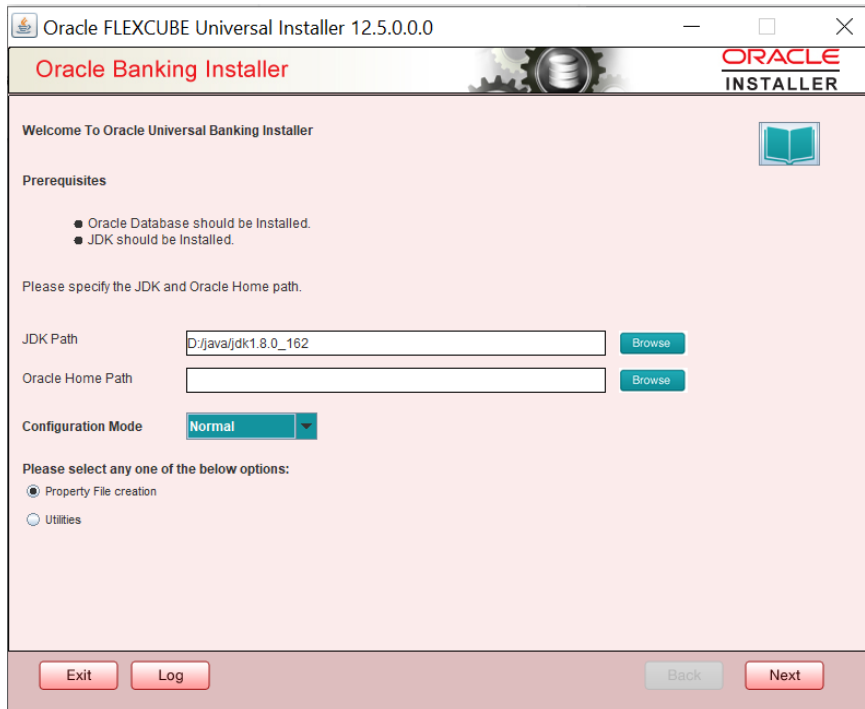


Click on save to save the property file with details provided.

## 1.3 Creating Property File for Payments Scheduler or Anser Gateway

To create the property file, follow the steps given below:

7. Launch FcubsInstaller.bat from  
<FLEXCUBE\_HOME>/INSTALLER/SOFT/GUIAdapters/FcubsInstaller.bat



Enter the following details

### JDK Path

Maintain Home folder path of JDK. The JAVA HOME path given in previous screen gets defaulted.

### Oracle Home

Maintain home folder path of Oracle Database Client. The ORACLE HOME path given in previous screen gets defaulted.

Select the radio buttons "**Property File creation**"

8. Click on Next, the following screen is displayed



Oracle FLEXCUBE Universal Installer 12.5.0.0.0

**Oracle Banking Installer**

Select one of the Components

☒ PM Gateway
 ☐ PM Scheduler
 ☐ Anser Gateway
 ☐ Zengin Gateway

Load Existing Property File

Enable Debug

Debug Level

Debug Path

Data Source  Queue Server

Symmetric Key  Log Request Message

Summary Query Fetch Size Limit  Log Response Message

Option to configure External Server for Destination Queue

No.	Name	Value
1	Host	10.10.10.10
2	User Name	infra
3	User Password	*****
4	Port Number	1521
5	Queue Manager	MQ.MGR
6	Channel	MQ.CHNL

9. Select the component from the radio button for which the property file is to be created.

- PM Gateway : To create property file for payments gateway
- PM Scheduler : To create property file for payments scheduler
- Anser Gateway: To create property file for anser gateway
- Zengin Gateway: To create property file for zengin gateway

10. Enter/Select the value for the other fields

#### Load Existing Property File

If existing property file has

#### Enable Debug

If debug option is required, select 'Yes' from the drop-down list. If not required, select 'No'. By default the value is 'No'

#### Debug Level

Select the debug level from the drop down, FINEST, FINER, FINE, CONFIG, INFO, WARNING, SEVERE

#### Debug Path

Provide the location to store debug logs

#### Data Source

Provide JNDI name of the datasource created or to be created in the application server.

#### Symmetric Key

Provide key used for encryption

**Summary Query Fetch Size Limit**

Provide a value for the number of records fetched when queried

**Queue Server**

Select the required queue server JMS or MQ.

**Log Request Message**

Select Yes if request message is to be logged

**Log Response Message**

Select Yes if response message is to be logged.

**External Server Configuration for Destination Queue**

**Host:** Host address of the server

**User Name:** User name to connect to the server

**User Password:** User password to connect to the server

**Port Number:** Port number of the server

**Queue Manager:** queue manager name in the server

**Channel:** MQ channel name

**Note:** Summary Query Fetch Limit, Log Request Message and Log Response Message are not applicable for application type, Anser Gateway.

11. Click on Next, the following screen is displayed for

**a. PM Scheduler**

Oracle FLEXCUBE Universal Installer 12.5.0.0.0

**Oracle Banking Installer** ORACLE INSTALLER

Property File Creation - ANSER|Payments Scheduler

Option for configuring Destination Queue

Scheduler Queue	SchedulerQueue	Anser MDB QCF	ANSER_QCF
Scheduler QCF	SchedulerQCF	Anser Transaction DL Queue	ANSR_TXN_DL_QUEUE
Scheduler Job Interval Secs	60	Anser Query DL Queue	ANSR_QRY_DL_QUEUE
Publisher Job Interval Secs	1	MQ Transaction Queue Name	ANSR_TXN_Res_QUEUE
Notification Queue	NOTIFY_QUEUE	MQ Query Queue Name	ANSR_QRY_Res_QUEUE
Notification QCF	PM_NOTIFY_MDBQCF		
JMS Context Factory			
JMS Provider Url			
JMS Security Principal			
JMS Security Credential			

Exit Log Back Next

**Scheduler Queue**

Provide scheduler queue name

**Scheduler QCF**

Provide scheduler qcf name

**Scheduler Job Interval Secs**

Provide number of seconds for scheduler job interval

**Publisher Job Interval Secs**

Provide number of seconds for publisher job interval

**Notif Context Factory**

Specify the Notif Connection Factory for connection configuration parameters to create connections for JMS clients.

**Notif Provider URL**

Specify the Notif Provider URL for connection configuration parameters to create connections for JMS clients.

**Notif Queue Security Principal**

Specify the Notif Queue Security Principal for connection configuration parameters to create connections for JMS clients.

### Notif Queue Security Credetials

Specify the Notif Queue Security Credential for connection configuration parameters to create connections for JMS clients. Also key in queue JNDI details in the above screen and click next

### MQ Transaction Queue Name

Provide MQ queue name for transaction

### MQ Query Queue Name

Provide MQ queue name for query

#### b. Anser Gateway

Oracle FLEXCUBE Universal Installer 12.5.0.0.0

**Oracle Banking Installer**

Property File Creation - ANSER|Payments Scheduler

Option for configuring Destination Queue

Scheduler Queue	<input type="text" value="SchedulerQueue"/>	Anser MDB QCF	<input type="text" value="ANSER_QCF"/>
Scheduler QCF	<input type="text" value="SchedulerQCF"/>	Anser Transaction DL Queue	<input type="text" value="ANSR_TXN_DL_QUEUE"/>
Scheduler Job Interval Secs	<input type="text" value="30"/>	Anser Query DL Queue	<input type="text" value="ANSR_QRY_DL_QUEUE"/>
Publisher Job Interval Secs	<input type="text" value="1"/>	MQ Transaction Queue Name	<input type="text" value="ANSR_TXN_Res_QUEUE"/>
Notification Queue	<input type="text" value="NOTIFY_QUEUE"/>	MQ Query Queue Name	<input type="text" value="ANSR_QRY_Res_QUEUE"/>
Notification QCF	<input type="text" value="PM_NOTIFY_MDBQCF"/>		
JMS Context Factory	<input type="text"/>		
JMS Provider Url	<input type="text"/>		
JMS Security Principal	<input type="text"/>		
JMS Security Credential	<input type="text"/>		

Exit Log Back Next

### Anser MDB QCF

Provide qcf name for anser

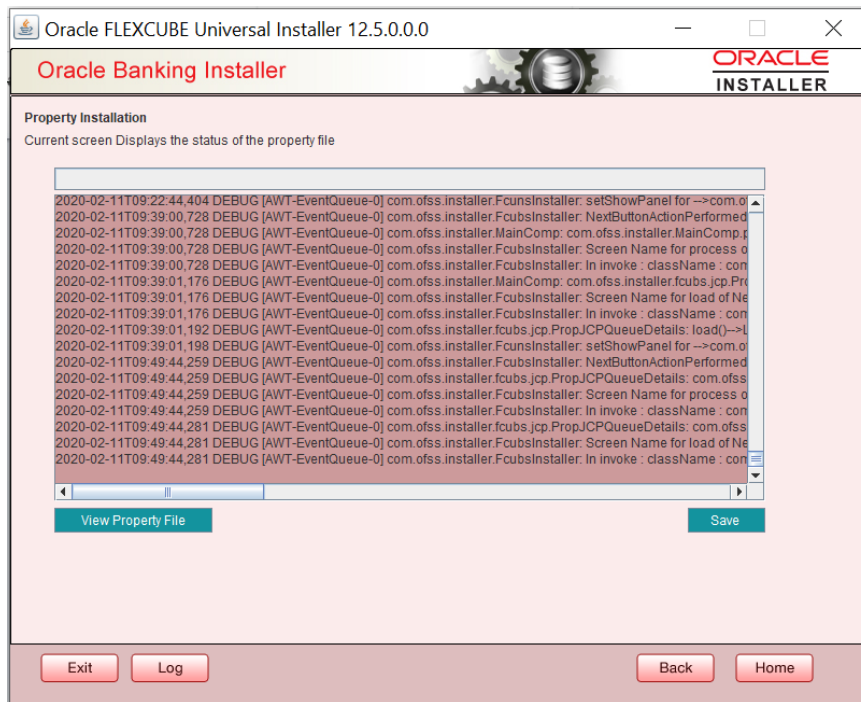
### Anser Transaction DL Queue

Provide dl queue name for anser transaction

### Anser Query DL Queue

Provide dl queue name for anser query

12. Click on Next, the following screen is displayed



Click on save to save the property file with details provided.



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