

Gateway Property File Creation

Oracle Banking Payments

Release 14.6.0.0.0

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1. Creating Property File for Gateway Applications

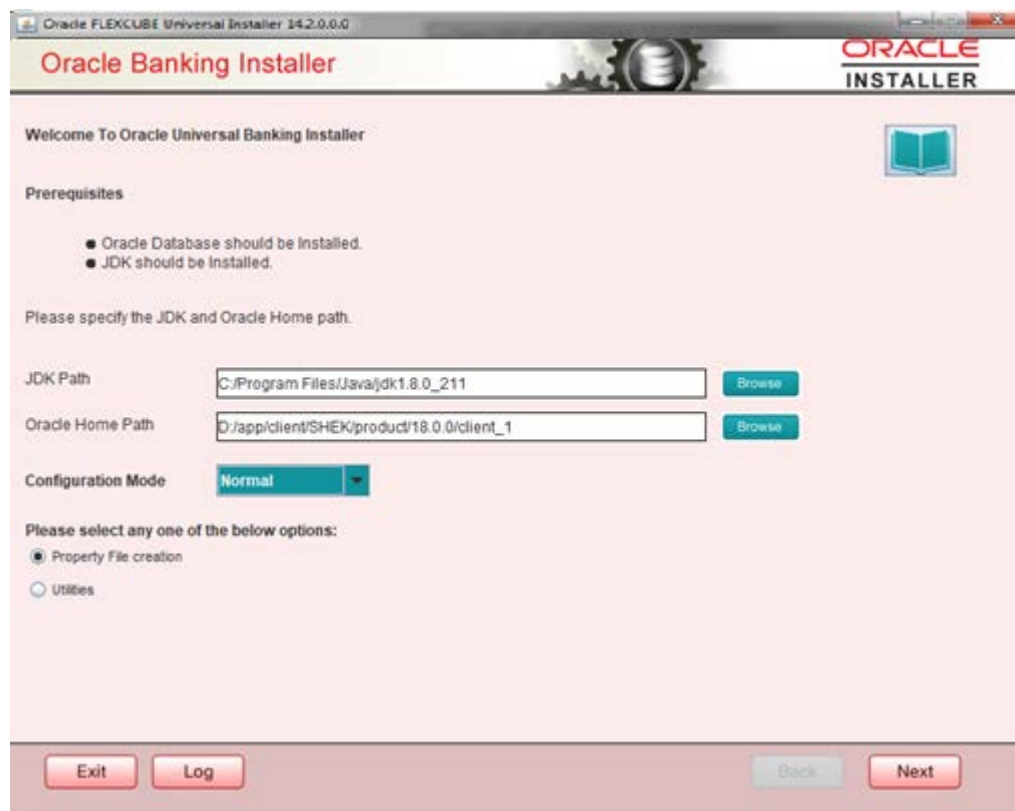
1.1 Introduction

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 Services and Servlet.

1.2 Creating Property Files

Follow the steps given below:

1. Start Oracle FLEXCUBE Universal Banking Solutions Installer - FCUBSInstaller.bat from INSTALLER\SOFT\GUI. Prerequisites screen is displayed



2. Select component as 'Gateway'.
OFTW plugin (Oracle FLEXCUBE Testing WorkBench) can be checked if needed and then Click 'Next button'.

Oracle FLEXCUBE Universal Installer 14.2.0.0.0

Oracle Banking Installer ORACLE INSTALLER

Select one of the Components

Load Existing Property File

☐ INFRA ☐ Scheduler ☒ Gateway ☐ Switch Interface Installation

Select Oracle Product Processors

☒ Oracle FLEXCUBE Universal Banking

☐ Oracle FLEXCUBE Enterprise Limits and Collateral Management (CO-DEPLOY)

☐ Oracle Banking Payments

☐ Oracle Banking Corporate Lending ☐ Open Development Tool

☐ Oracle Banking Treasury ☒ Oracle FLEXCUBE Universal Banking for JAPAN

☐ Oracle Banking Trade Finance

Select Plugins to be Installed

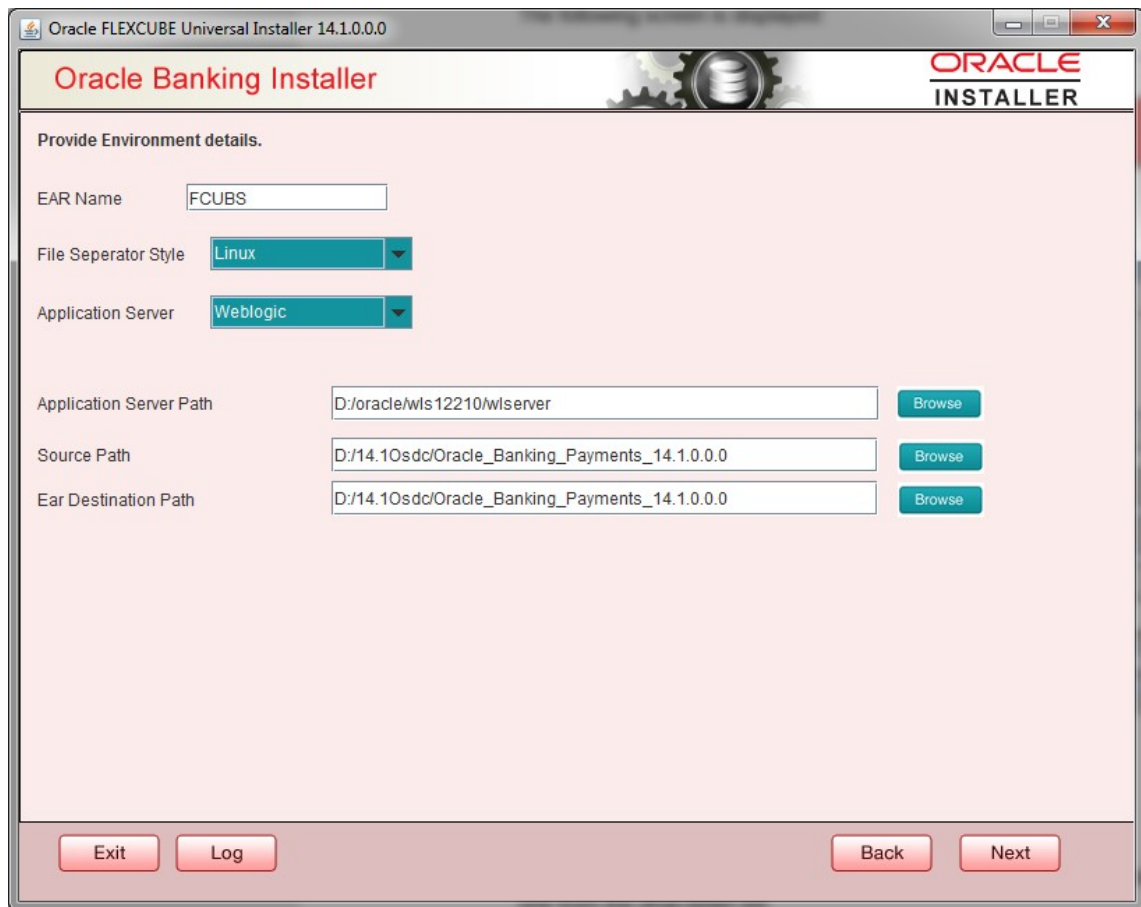
☐ Branch Load Existing Branch Property File

Host Address ☒ BPEL ☐ Scheduler

☐ Reports ☒ OFTW ☐ FGL ☐ SIANET Adapter

☐ DMS ☐ Insulation ☐ ELCM Adapter required

3. Enter the Required details in the Screen.
Specify the EAR name, valid Application Server Path, Source and EAR destination path and click 'Next' button.



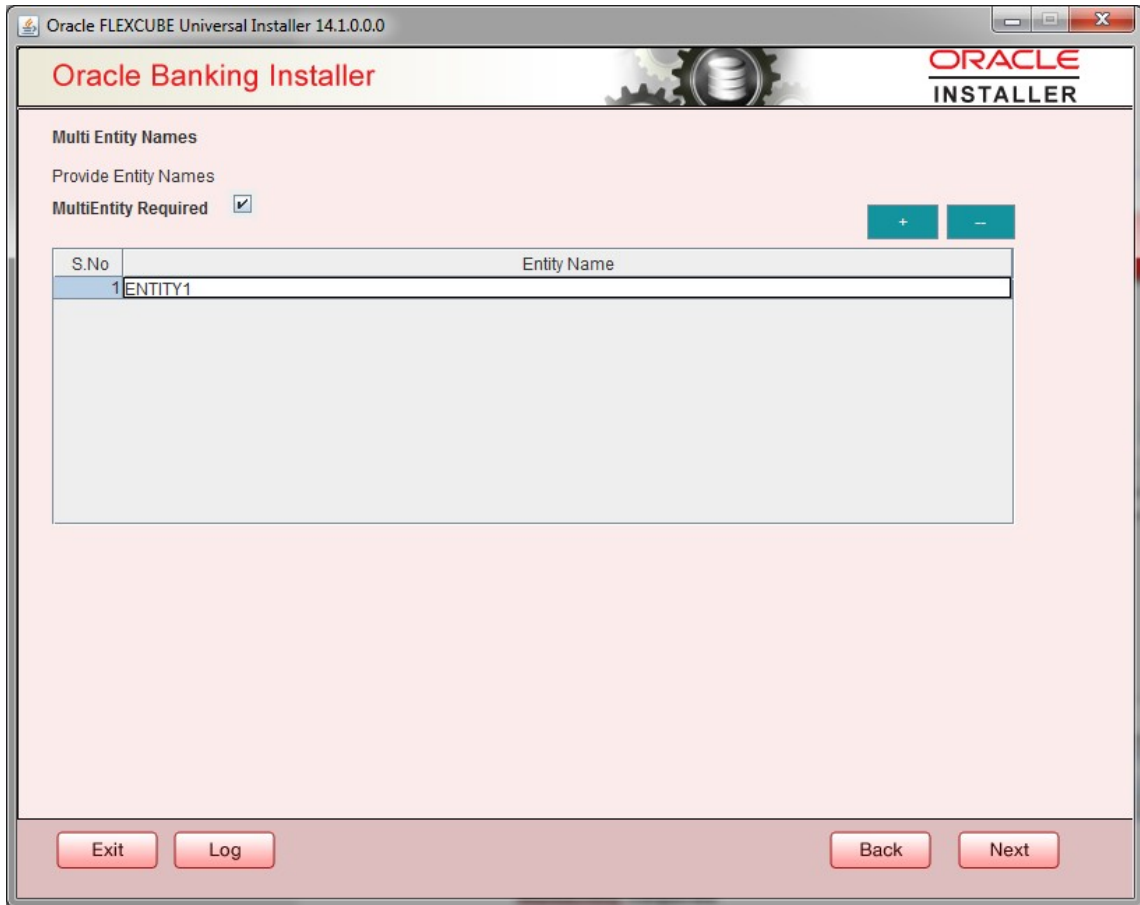
1.2.1 Gateway EJB Application

1. Select 'Gateway EJB' as the application type as shown in the below Screen.



Before proceeding, ensure that the folder structures used in the following steps are created.

1. Click 'Next'. The following screen is displayed: The installer displays the 'Multi Entity' screen.



MultiEntity Required

Select the multi entity check box for enabling the multi entity deployment.

After selected the multi entity option '+', '-' buttons will be enabling for capturing the entity Name

+ Button:

New row will be added for capturing new entity name.

- Button:

Select the entity name and click – button, will be deletion of existing entity name

Entity Name:

Enter the entity name as single word For example: ENTITY1

2. Click 'Next'. The following screen is displayed:

Oracle FLEXCUBE Universal Installer 14.1.0.0.0

Oracle Banking Installer

ORACLE
INSTALLER

Property File Creation

Current screen provides an option for Enabling Single Sign on

SSO Required ☐

SSO KEY

Authentication details maintained external to FLEXCUBE

External Password Required ☐ Authentication Type

External User Login Required ☐

With this property a user logs in once and gains access to all systems without being prompted to log in again at each of them. Conversely, Single sign-off is the property whereby a single action of signing out terminates access to multiple software systems. This screen provides an option for External Authentication. If External Authentication is not required, keep all options unchecked and Click on Next.

MSAD/LDAP User Login Required: User can login with MSAD/LDAP user ID as well as FCUBS user ID.

External Password Required: The user can login with MSAD/LDAP server password only. The user ID can be either the MSAD/LDAP user ID or FCUBS user ID.

Authentication Type: LDAP/MSAD is the type of external server used for authentication.

Exit Log Back Next

3. Specify the following details.

SSO Required

Check this box to enable single sign-on (SSO). If you check this box, you need to specify the SSO Key.

SSO Key

Specify the SSO key. If you have checked the box 'SSO Required', it is mandatory to specify the SSO key.

If you have checked the box 'SSO Required', then the Installer will skip the following two screens and will directly navigate to the SSL screen shown below in this manual.

If you have not checked the box 'SSO Required', then click 'Next'. The following screen is displayed.

1. External User Login Required

Check this box to enable user login using MSAD/LDAP user Id.



If you check this box, the user can login with MSAD/LDAP server user Id as well as Payments user Id. If you do not check this box, the user can login using Payments user Id only.

External Password Required

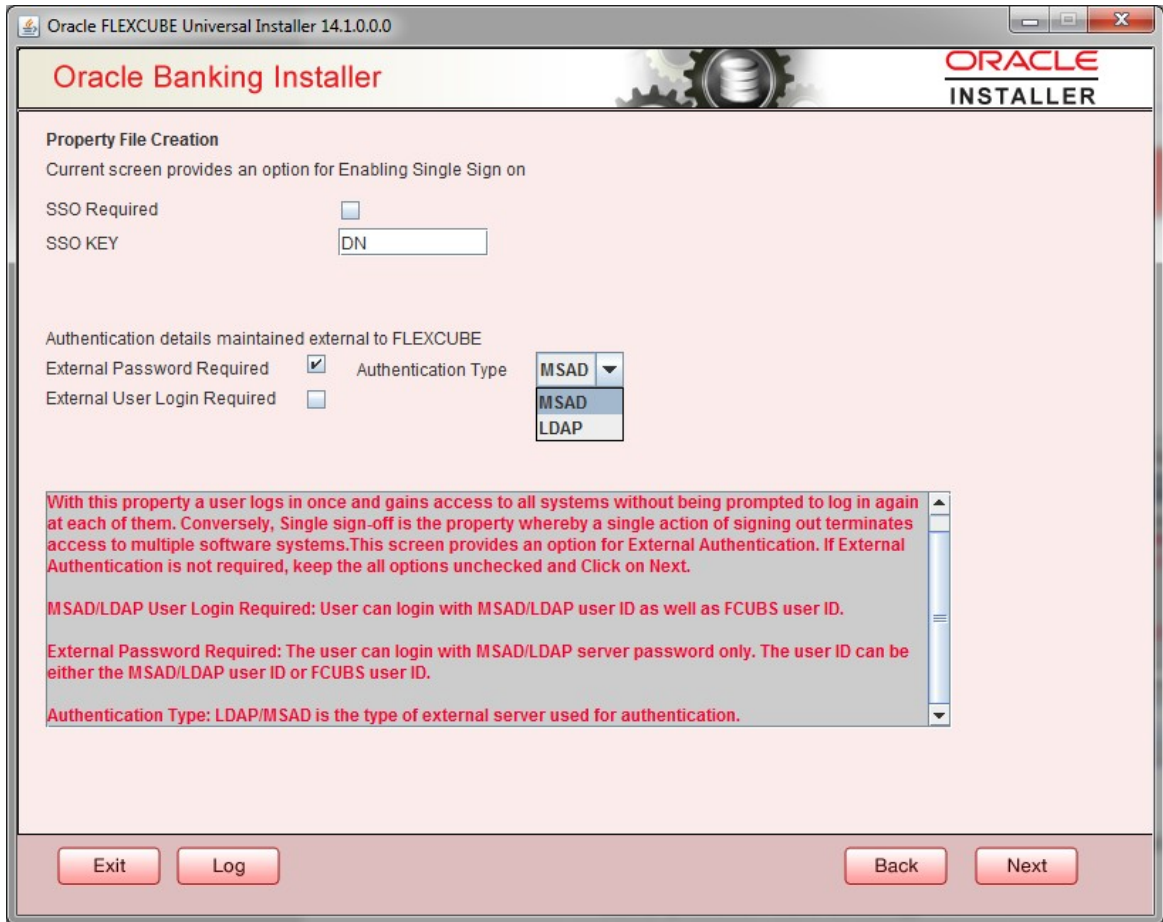
Check this box to allow user login using MSAD/LDAP password irrespective of the user Id.



If you check this box, the user can login using MSAD/LDAP server password only. The user Id can be one of the following:

- MSAD/LDAP user Id
- Payments user Id

If you do not check this box, then the installer skips the following screen and directly navigates to the Modifying Gateway Properties screen.



Authentication Type

Select the authentication type. This is the type of external server that is used. You can select one of the following options:

- MSAD (Microsoft Active Directory)
- LDAP (Lightweight Directory Access Protocol)

The default option is MSAD; however, you can change it

9. If you check the box, then the installer navigates to the following screen on clicking 'Next' button.

Oracle FLEXCUBE Universal Installer 14.1.0.0.0

Oracle Banking Installer

Property File Creation
LDAP Server Details for Gateway

No.	Name	Value
1	LDAP SERVER URL	LDAP://10.10.10.10:111
2	LDAP SSL ENABLED	☐
3	SECURITY AUTHENTICATIO...	Simple
4	DOMAIN NAME	I-FLEX.COM
5	LDAP SERVER TIMEOUT	0

Exit Log Back Next

10. Specify the following LDAP server details.

LDAP Server URL

Specify the URL to access the LDAP server where the external user ID and password are maintained.

LDAP SSL Enabled

Check this box if the LDAP server is SSL enabled. If you check this box, then you need to specify the SSL port also in the field LDAP SERVER URL.

By default, this check box is unchecked. However, you can change this.

Security Authentication Type

Depending on the authentication mechanism supported by the LDAP server, select one of the following:

- Simple
- Strong



Note the following:

- Different servers support different authentication mechanisms.
- By default, the security authentication type is 'Simple'; however, you can change this.

Domain Name

Specify the domain name.

LDAP Server Timeout

Specify the LDAP server timeout in milliseconds. This must be a positive integer value. For example you can specify 1000, 10000 or 5000. If it is zero or less, it indicates that no read timeout is specified. Then the wait for the response infinite until it is received.

By default, the LDAP server timeout is zero; however, you can change this.

11. Click 'Next'. The following screen is displayed:

The screenshot shows the 'Oracle Banking Installer' window with the title 'Oracle FLEXCUBE Universal Installer 14.1.0.0.0'. The main heading is 'Oracle Banking Installer' and the Oracle logo is in the top right corner. The screen is titled 'Property File Creation' and has a subtitle 'Current screen provides an option for modifying the Gateway Properties'. The form contains the following fields and controls:

XSD Path	/Kernel11.1/GW_EJB/XSD/		
Logger File	/Kernel11.1/GW_EJB/config/gw_ejb_logger.properties		
Debug Path	/Kernel11.1/GW_EJB/log/		
Security Key for Encryption	oraclefinancials		
SMS Pool Name	jdbcfcjdevDS		
DataSource	jdbcfcjdevDS		
	☐ POSS DataSource	☐ OPSS CSF Available	
POSS DataSource	POSSTEST.WORLD		
Distributed Schema	No ▼		
MSG IN log Required	No ▼	MSG OUT log Required	No ▼

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

12. Specify the following details.

XSD Path

Specify the path to the XSD file. File name is not required. File separator must be '/'. There must be a '/' at the end. All the relevant XSD files must be manually copied to this location.

E.g.:

For Windows: D:\Kernel11.1\GW_EJB\XSD\ For Linux: /Kernel11.1/GW_EJB/XSD/

Logger File

Specify the path to the 'gw_ejb_logger.properties' file with the file name. The file must be manually copied to the specified location.

E.g.:

For windows: D:\Kernel11.1\GW_EJB\config\gw_ejb_logger.properties For Linux:

/Kernel11.1/GW_EJB/config/gw_ejb_logger.properties

Debug Path

Specify the path to the folder where the application creates the logs. There must be a '/' at the end. You need to manually create the specified folder structure.

E.g.:

For windows: D:\Kernel11.1\GW_EJB\log\ For Linux: /Kernel11.1/GW_EJB/log/

13. Click 'Next'.



The Installer creates two files viz. 'gw_ejb_logger.properties' and 'GW_EJB_Prop.properties' in the path provided to save the files.

Oracle Banking Installer

Property File Creation
Current screen provides an option for modifying the Gateway Properties

XSD Path: /Kernel11.1/GW_EJB/XSD/

Logger File: /Kernel11.1/GW_EJB/config/gw_ejb_logger.properties

Debug Path: /Kernel11.1/GW_EJB/log/

Security Key for Encryption: oraclefinancials

SMS Pool Name: jdbc/fcjdevDS

DataSource: jdbc/fcjdevDS

☐ POSS DataSource ☐ OPSS CSF Available

POSS DataSource: POSSTEST.WORLD

Distributed Schema: No

MSG IN log Required: No

MSG OUT log Required: No

Exit Log Back Next

14. Specify the following details:

DataSource

The JDBC data source is an object bound to JNDI tree and provides database connectivity through a pool of JDBC connections.

POSS DataSource

Check this box if POSS is required. If you check this box, you need to specify the POSS DataSource Name in the field below this.

OPSS Available

Indicate whether OPSS-CSF is installed or not.

 Please choose this only if Oracle Platform Security Services - Credential Store Framework (CSF) is installed as per the guidelines in the pre-requisite document. It is recommended that you install CSF for safeguarding application specific security credentials.

Distributed Schema

If the schema is distributed, select 'Yes'.

If the schema is not distributed, select 'No'.

Security Key for Encryption

Specify the security key for the Encryption, here in this case it is 'Oraclefinancialsolutions'.

RTT plugin Required

Choose the check box if rtt plugin is required

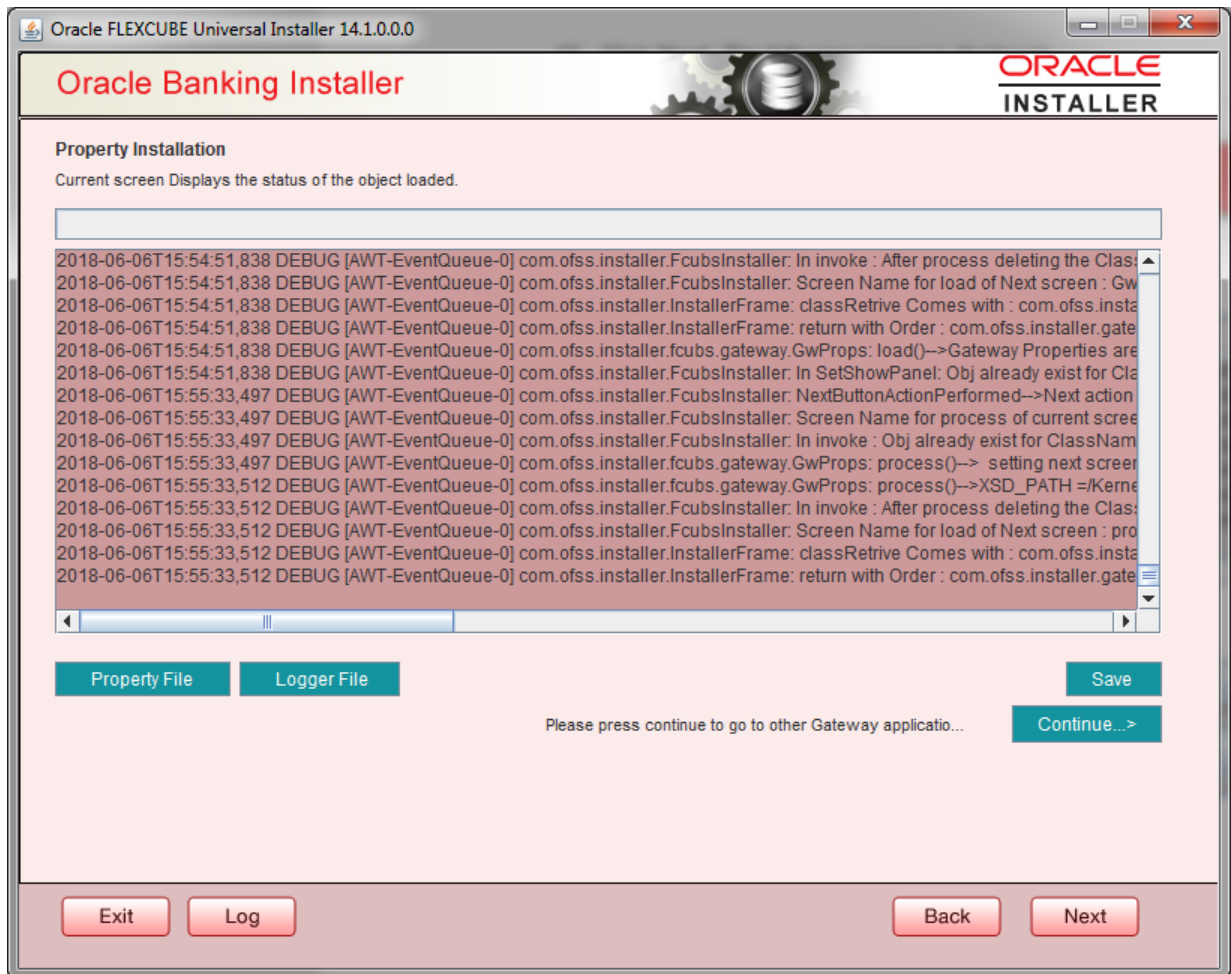
MSG IN LOG Required

Choose Yes/No from drop down box

MSG OUT LOG Required

Choose Yes/No from drop down box

15. Click 'Next'. The following screen is displayed.



The property file will be created in a temporary folder.

16. Click 'Property File' to view the created property file.
17. Click 'Save' to save the created property file in the desired location.
18. Click 'Continue' to continue the installation process with gateway application type.
19. Click 'Next' to navigate to the installer home screen.

1.2.2 Gateway MDB Application

Follow the steps given below:

1. Start Oracle Universal Banking Solution Installer. Select 'Gateway' and click 'Next'.
Following screen is displayed.

Oracle FLEXCUBE Universal Installer 14.2.0.0.0

Oracle Banking Installer

ORACLE
INSTALLER

Provide Environment details.

EAR Name

Context Name

File Separator Style

Application Server

Application Server Path

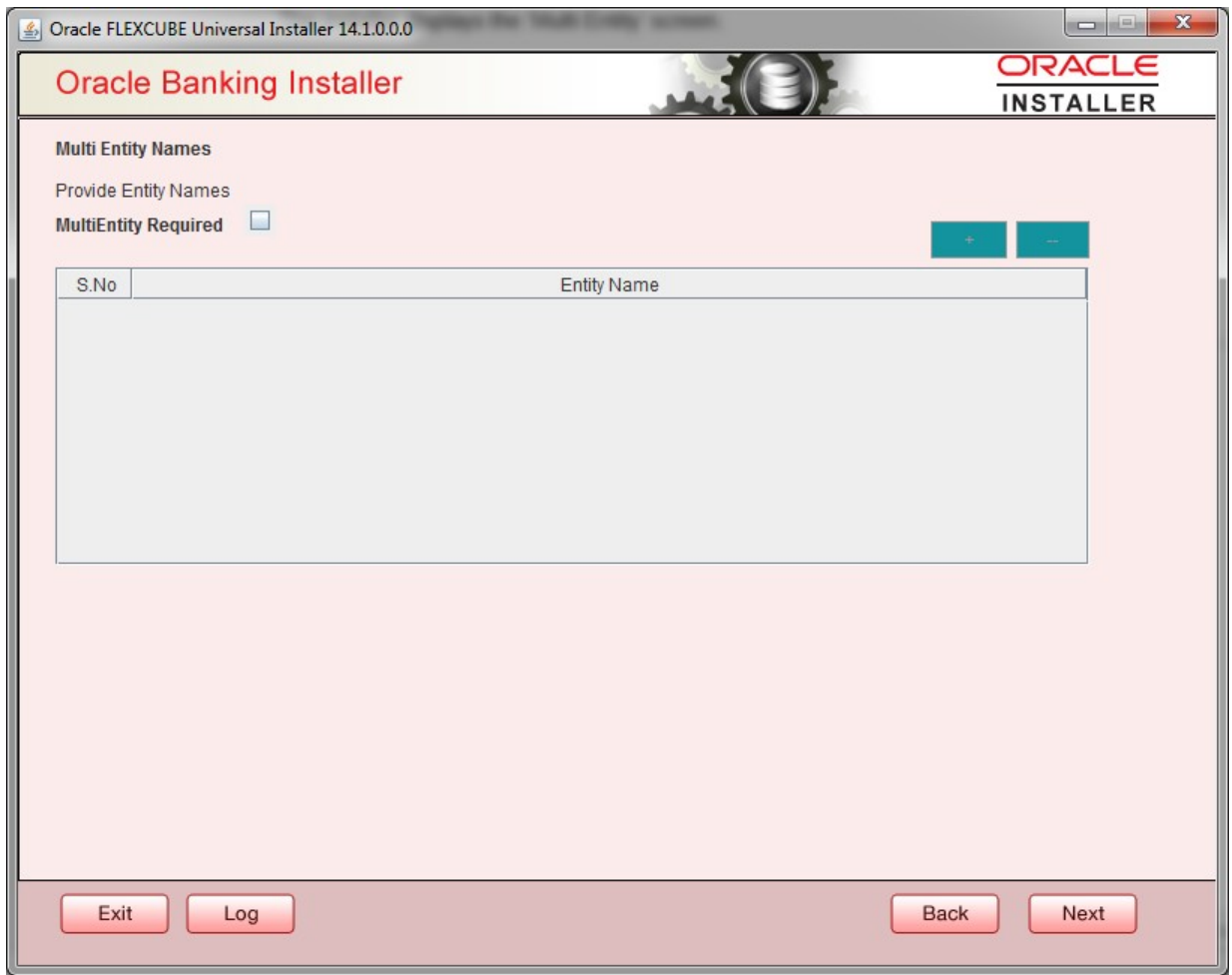
Source Path

Ear Destination Path

2. Enter the Required details in the Screen. Specify the EAR name, valid Application Server Path, Source and EAR destination path and click 'Next' button



3. Select 'Gateway MDB' to create configuration files for the application.
4. Click 'Next'. The following screen is displayed: The installer displays the 'Multi Entity' screen.



MultiEntity Required

Select the multi entity check box for enabling the multi entity deployment.

After selected the multi entity option '+', '-' buttons will be enabling for capturing the entity Name

+ Button:

New row will be added for capturing new entity name.

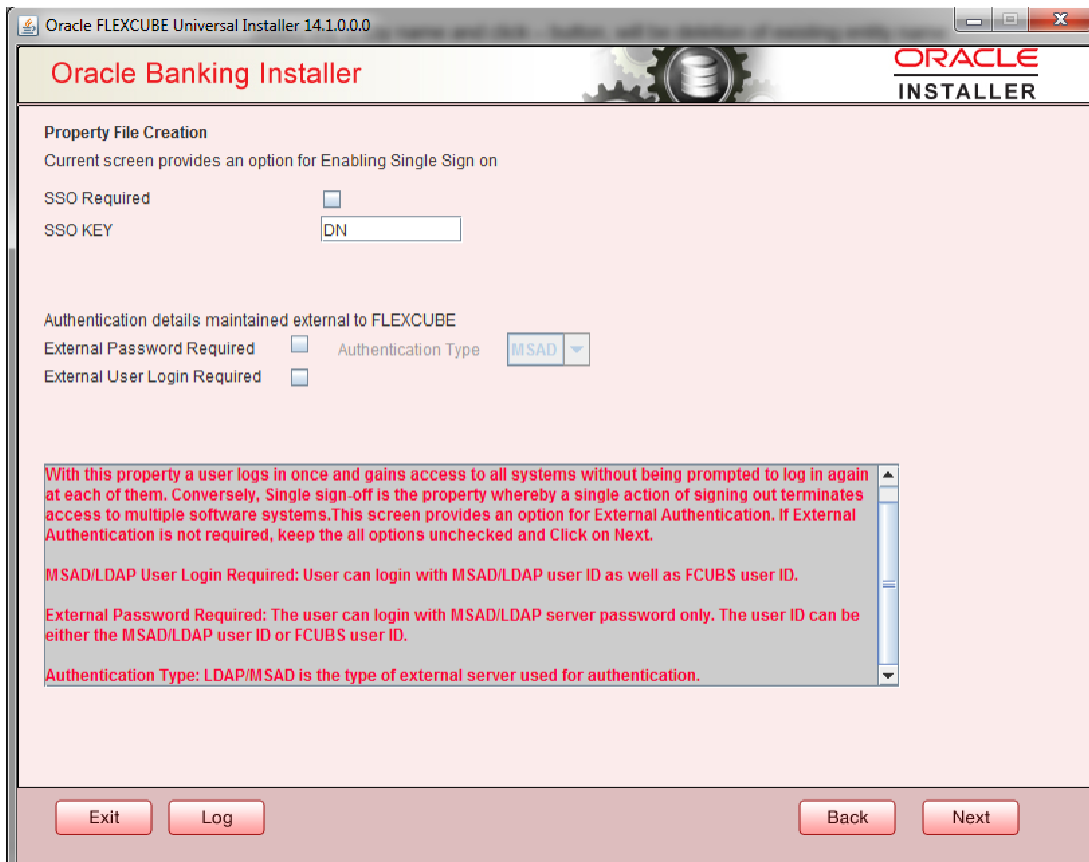
- Button:

Select the entity name and click – button, will be deletion of existing entity name

Entity Name:

Enter the entity name as single word For example: ENTITY1

5. Click 'Next'. The following screen is displayed:



6. Specify the following details.

SSO Required

Check this box to enable single sign-on (SSO). If you check this box, you need to specify the SSO Key.

SSO Key

Specify the SSO key. If you have checked the box 'SSO Required', it is mandatory to specify the SSO key.

If you have checked the box 'SSO Required', then the Installer will skip the following two screens and will directly navigate to the Modifying the Gateway properties Screen.

External Password Required

Check this box to allow the user-login using MSAD/LDAP password irrespective of the user ID. If you check this box, the user ID can be either the MSAD/LDAP user ID or the Payments user ID. And the password can be MSAD/LDAP server password only.

By default, this check box is unchecked. However, you can change this.

If you do not check this box, the installer skips the following screen and directly navigates you to the Modifying the Gateway Properties Screen.

Oracle FLEXCUBE Universal Installer 14.1.0.0.0

Oracle Banking Installer

Property File Creation
Current screen provides an option for Enabling Single Sign on

SSO Required ☐

SSO KEY

Authentication details maintained external to FLEXCUBE

External Password Required ☒ Authentication Type **MSAD**

External User Login Required ☐

With this property a user logs in once and gains access to all systems without being prompted to log in again at each of them. Conversely, Single sign-off is the property whereby a single action of signing out terminates access to multiple software systems. This screen provides an option for External Authentication. If External Authentication is not required, keep the all options unchecked and Click on Next.

MSAD/LDAP User Login Required: User can login with MSAD/LDAP user ID as well as FCUBS user ID.

External Password Required: The user can login with MSAD/LDAP server password only. The user ID can be either the MSAD/LDAP user ID or FCUBS user ID.

Authentication Type: LDAP/MSAD is the type of external server used for authentication.

Exit Log Back Next

External User Login Required

Check this box to enable user login using MSAD/LDAP user ID. If you check this box, the user can login using MSAD/LDAP server user ID as well as using Payments user ID. If you do not check this, the user can login using Payments user ID only.

By default, this check box is unchecked. However, you can change this.

Oracle Banking Installer

Oracle FLEXCUBE Universal Installer 14.1.0.0.0

Property File Creation

Current screen provides an option for Enabling Single Sign on

SSO Required ☐

SSO KEY

Authentication details maintained external to FLEXCUBE

External Password Required ☒ Authentication Type **LDAP**

External User Login Required ☒

With this property a user logs in once and gains access to all systems without being prompted to log in again at each of them. Conversely, Single sign-off is the property whereby a single action of signing out terminates access to multiple software systems. This screen provides an option for External Authentication. If External Authentication is not required, keep the all options unchecked and Click on Next.

MSAD/LDAP User Login Required: User can login with MSAD/LDAP user ID as well as FCUBS user ID.

External Password Required: The user can login with MSAD/LDAP server password only. The user ID can be either the MSAD/LDAP user ID or FCUBS user ID.

Authentication Type: LDAP/MSAD is the type of external server used for authentication.

Exit Log Back Next



The field 'Authentication Type' is enabled if one of the above check boxes is checked:

Authentication Type

Select the authentication type from the adjoining drop-down list. This is the type of external server that is used. You can select one of the following options:

- MSAD (Microsoft Active Directory)
- LDAP (Lightweight Directory Access Protocol)

By default, 'MSAD' is selected; however, you can change it.

7. Click 'Next'. The following screen is displayed.

Oracle FLEXCUBE Universal Installer 14.1.0.0.0

Oracle Banking Installer

ORACLE
INSTALLER

Property File Creation
LDAP Server Details for Gateway

No.	Name	Value
1	LDAP SERVER URL	LDAP://10.10.10.10:111
2	LDAP SSL ENABLED	☐
3	SECURITY AUTHENTICATIO...	Simple
4	DOMAIN NAME	I-FLEX.COM
5	LDAP SERVER TIMEOUT	0

Exit Log Back Next

8. Specify the following LDAP server details.

LDAP Server URL

Specify the URL to access the LDAP server where the external user ID and password are maintained.

LDAP SSL Enabled

Check this box if the LDAP server is SSL enabled. If you check this box, then you need to specify the SSL port also in the field LDAP SERVER URL.

By default, this check box is unchecked. However, you can change this.

Security Authentication Type

Depending on the authentication mechanism supported by the LDAP server, select one of the following:

- Simple
- Strong



Note the following::

- Different servers support different authentication mechanisms.
- By default, the security authentication type is 'Simple'; however, you can change this.

Domain Name

Specify the domain name.

LDAP Server Timeout

Specify the LDAP server timeout in milliseconds. This must be a positive integer value. For example you can specify 1000, 10000 or 5000. If it is zero or less, it indicates that no read timeout is specified. Then the wait for the response infinite until it is received.

By default, the LDAP server timeout is zero; however, you can change this.

9. Click 'Next'. The following screen is displayed:

The screenshot shows the 'Oracle Banking Installer' window with the title 'Oracle FLEXCUBE Universal Installer 14.1.0.0.0'. The main heading is 'Oracle Banking Installer' and the sub-heading is 'ORACLE INSTALLER'. The screen is titled 'Property File Creation' and has a subtitle 'Current screen provides an option for modifying the Gateway Properties'. The form contains the following fields and options:

XSD Path	/Kernel11.1/GW_MDB/XSD/
Logger File	Kernel11.1/GW_MDB/config/gw_mdb_logger.properties
Debug Path	/Kernel11.1/GW_MDB/log/
Security Key for Encryption	oraclefinancials
SMS Pool Name	jdbc/cjdevDS
DataSource	jdbc/cjdevDS
	☐ POSS DataSource ☐ OPSS CSF Available
POSS DataSource	POSTEST.WORLD
Distributed Schema	No
MSG IN log Required	No
MSG OUT log Required	No

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

12. Specify the following details.

XSD Path

Specify the path to the XSD file. File name is not required. File separator must be '/'. There must be a '/' at the end. All the relevant XSD files must be manually copied to this location.

E.g.:

For Windows: D:\Kernel11.1\GW_MDB\XSD\

For Linux: /Kernel11.1/GW_MDB/XSD/

Logger File

Specify the path to the 'gw_ejb_logger.properties' file with the file name. The file must be manually copied to the specified location.

E.g.: For windows: D:\Kernel11.1\GW_MDB\config\gw_mdb_logger.properties

For Linux: /Kernel11.1/GW_MDB/config/gw_mdb_logger.properties

Debug Path

Specify the path to the folder where the application creates the logs. There must be a '/' at the end. You need to manually create the folder structure.

E.g.: For windows: D:\Kernel11.1\GW_MDB\log\

For Linux: /Kernel11.1/GW_MDB/log/

Click 'Next'.



The Installer creates two files viz. 'gw_ejb_logger.properties' and 'GW_EJB_Prop.properties' in the path provided to save the files.

Oracle FLEXCUBE Universal Installer 14.1.0.0.0

Oracle Banking Installer **ORACLE INSTALLER**

Property File Creation
Current screen provides an option for modifying the Gateway Properties

XSD Path: /Kernel11.1/GW_MDB/XSD/

Logger File: kernel11.1/GW_MDB/config/gw_mdb_logger.properties

Debug Path: /Kernel11.1/GW_MDB/log/

Security Key for Encryption: oraclefinancials

SMS Pool Name: jdbc/cjdevDS

DataSource: jdbc/cjdevDS

☐ POSS DataSource ☐ OPSS CSF Available

POSS DataSource:

Distributed Schema: No

MSG IN log Required: No

MSG OUT log Required: No

Exit Log Back Next

13. Specify the following details:

DataSource

The JDBC data source is an object bound to JNDI tree and provides database connectivity through a pool of JDBC connections.

POSS Datasource

Check this box if POSS is required. If you check this box, you need to specify the POSS Datasource Name in the field below this.

OPSS Available

Indicate whether OPSS-CSF is installed or not.



Please choose this only if Oracle Platform Security Services - Credential Store Framework (CSF) is installed as per the guidelines in the pre-requisite document. It is recommended that you install CSF for safeguarding application specific security credentials.

Distributed Schema

If the schema is distributed, select 'Yes'.

If the schema is not distributed, select 'No'.



The Installer creates two files viz. 'gw_ejb_logger.properties' and 'GW_EJB_Prop.properties' in the path provided to save the files.

Security Key for Encryption

Specify the security key for the Encryption, here in this case it is 'Oraclefinancialsolutions'.

Click 'Next'. The following screen is displayed.

No.	Name	Value
1	Request Queue	MDB_QUEUE
2	Response queue	MDB_QUEUE_RESPONSE
3	DL Queue	MDB_QUEUE_DLQ
4	Connection Factory	MDBQCF
5	Secure Queue	☐

15. Specify the following details:

Connection Factory

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

E.g.: MDBQCF.

Request Queue

Specify the request queue. This is the point-to-point destination type used for asynchronous peer communication.

E.g.: MDB_QUEUE

Response Queue

Specify the response queue name. E.g.: MDB_QUEUE_RESPONSE

DL Queue

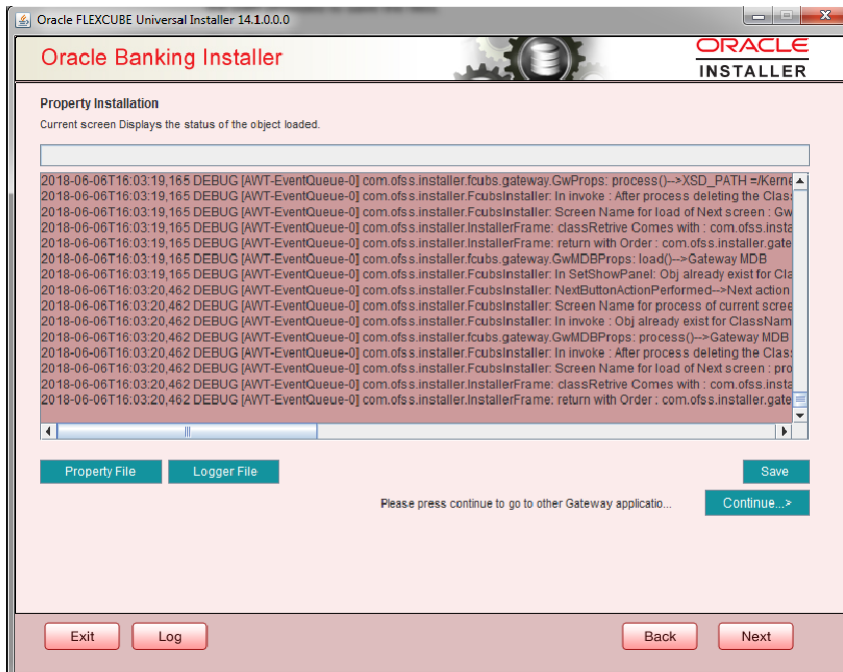
Specify the dead letter queue name. E.g.: MDB_QUEUE_DLQ

Secure Queue

Check this box if the Caller ID and Caller Password values have to be entered.

The Installer creates two files viz. 'gw_mdb_logger.properties' and 'GW_MDB_Prop.properties' in the path provided to save the files.

Click 'Next'. The following screen is displayed.



The property file will be created in a temporary folder.

16. Click 'Property File' to view the created property file.

17. Click 'Save' to save the created property file in the desired location.

18. Click 'Continue' to continue the installation process with gateway application type.

19. Click 'Next' to navigate to the installer home screen.

1.2.3 Gateway HTTP Servlet Application

Follow the steps given below:

1. Start Oracle Universal Banking Solution Installer. Select 'Gateway' and click 'Next'.

Following screen is displayed.

Oracle FLEXCUBE Universal Installer 14.2.0.0.0

Oracle Banking Installer

ORACLE
INSTALLER

Provide Environment details.

EAR Name:

Context Name:

File Separator Style:

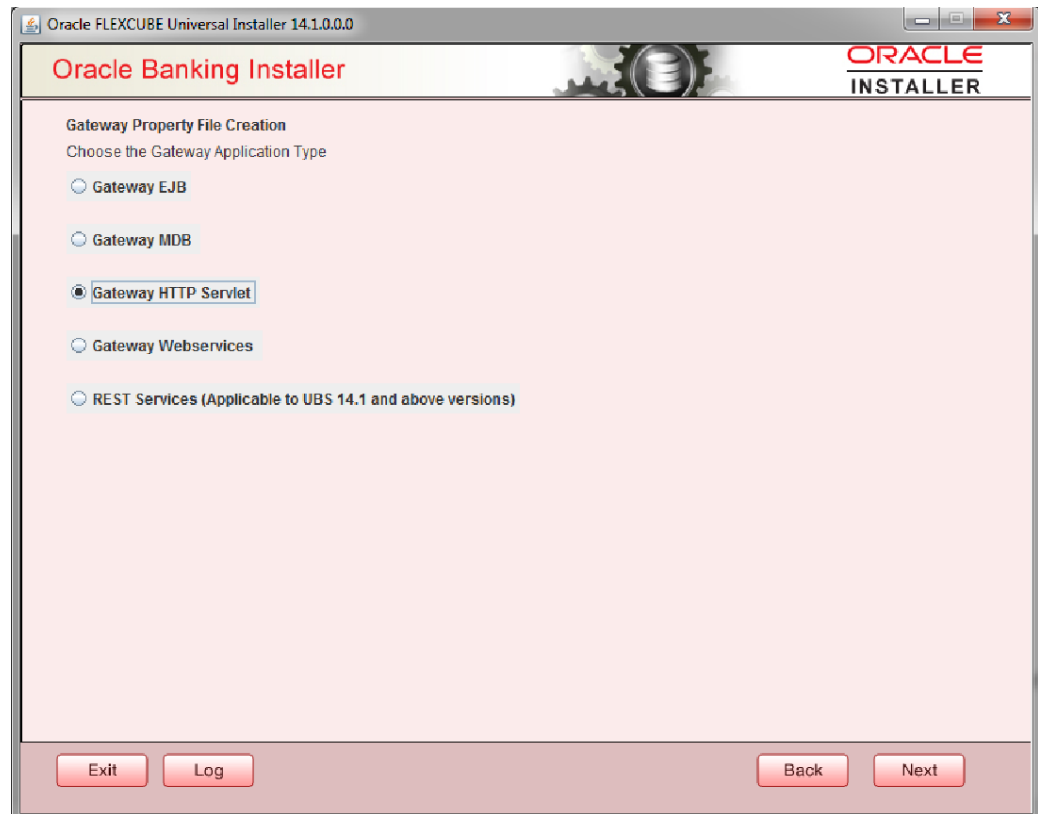
Application Server:

Application Server Path:

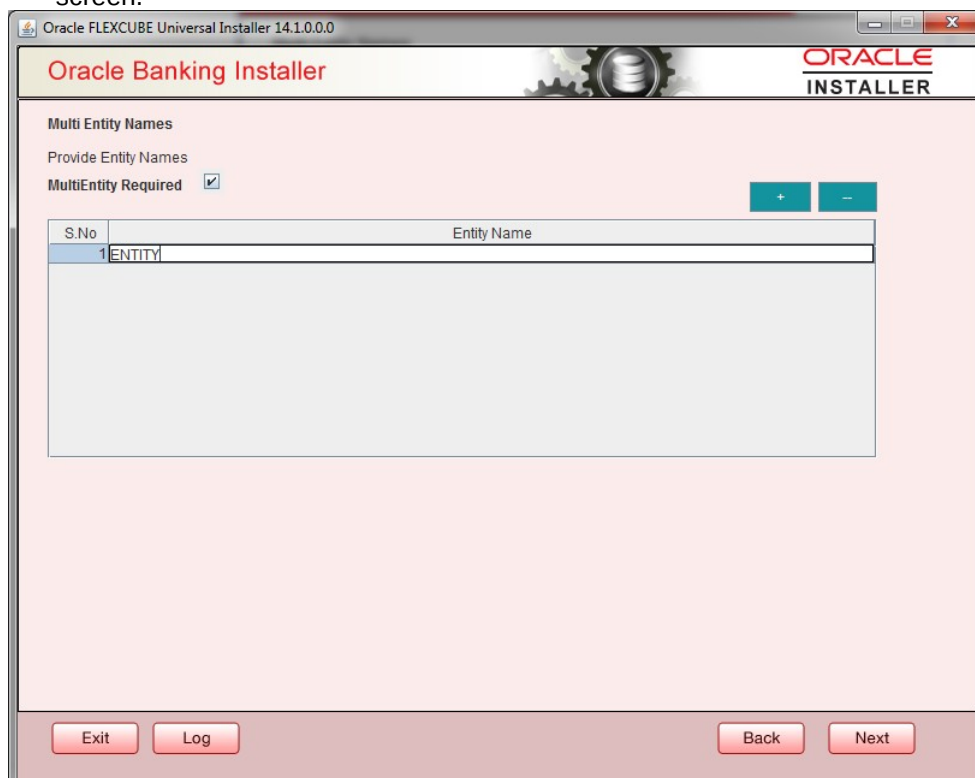
Source Path:

Ear Destination Path:

2. Specify the EAR name, valid Application Server Path, Source and EAR destination path and click 'Next' button..
3. Select 'Gateway Http Servlet' to create configuration files for the application, and click 'Next'.



4. Click 'Next'. The following screen is displayed: The installer displays the 'Multi Entity' screen.



MultiEntity Required

Select the multi entity check box for enabling the multi entity deployment.

After selected the multi entity option '+', '-' buttons will be enabling for capturing the entity Name

+ Button:

New row will be added for capturing new entity name.

- Button:

Select the entity name and click – button, will be deletion of existing entity name

Entity Name:

Enter the entity name as single word For example: ENTITY1

5. Click 'Next'. The following screen is displayed:

The screenshot shows the 'Oracle Banking Installer' window with the title 'Oracle FLEXCUBE Universal Installer 14.1.0.0.0'. The main heading is 'Property File Creation' with a subtext: 'Current screen provides an option for modifying the Gateway Properties'. The form contains the following fields and controls:

- XSD Path:
- Logger File:
- Debug Path:
- Security Key for Encryption:
- SMS Pool Name:
- DataSource:
- POSS DataSource:
- Distributed Schema: (dropdown)
- MSG IN log Required: (dropdown)
- MSG OUT log Required: (dropdown)
- POSS DataSource and OPSS CSF Available: ☐ POSS DataSource ☐ OPSS CSF Available

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

6. Specify the following details.

XSD Path

Specify the path to the XSD file. File name is not required. File separator must be '/'. There must be a '/' at the end. All the relevant XSD files must be manually copied to this location.

E.g.:

For Windows: D:\Kernel11.1\GW_HTTP\XSD\ For Linux:

/Kernel11.1/GW_HTTP/XSD/

Logger File

Specify the path to the 'gw_ejb_logger.properties' file with the file name. The file must be manually copied to the specified location.

E.g.:

For windows: D:\Kernel11.1\GW_HTTP\config\gw_http_logger.properties

For Linux: /Kernel11.1/GW_HTTP/config/gw_http_logger.properties

Debug Path

Specify the path to the folder where the application creates the logs. There must be a '/' at the end. You need to manually create the folder structure.

E.g.:

For windows: D:\Kernel11.1\GW_HTTP\log\

For Linux: /Kernel11.1/GW_HTTP/log/

7. Click 'Next'.



The Installer creates two files viz. 'gw_http_logger.properties' and 'GW_HTTP_Prop.properties' in the path provided to save the files.

Oracle FLEXCUBE Universal Installer 14.1.0.0.0

Oracle Banking Installer

ORACLE INSTALLER

Property File Creation

Current screen provides an option for modifying the Gateway Properties

XSD Path: /Kernel11.1/GW_HTTP/XSD/

Logger File: /kernel11.1/GW_HTTP/config/gw_http_logger.properties

Debug Path: /Kernel11.1/GW_HTTP/log/

Security Key for Encryption: oraclefinancials

SMS Pool Name: jdbcfcjdevDS

DataSource: jdbcfcjdevDS

☐ POSS DataSource ☐ OPSS CSF Available

POSS DataSource: POSSTEST.WORLD

Distributed Schema: No

MSG IN log Required: No

MSG OUT log Required: No

Exit Log Back Next

8. Specify the following details:

DataSource

The JDBC data source is an object bound to JNDI tree and provides database connectivity through a pool of JDBC connections.

POSS Datasource

Check this box if POSS is required. If you check this box, you need to specify the POSS Datasource Name in the field below this.

OPSS Available

Indicate whether OPSS-CSF is installed or not.



Please choose this only if Oracle Platform Security Services - Credential Store Framework (CSF) is installed as per the guidelines in the pre-requisite document. It is recommended that you install CSF for safeguarding application specific security credentials.

Distributed Schema

If the schema is distributed, select 'Yes'.

If the schema is not distributed, select 'No'.



The Installer creates two files viz. 'gw_ejb_logger.properties' and 'GW_EJB_Prop.properties' in the path provided to save the files.

Security Key for Encryption

Specify the security key for the Encryption, here in this case it is 'Oraclefinancialsolutions'.

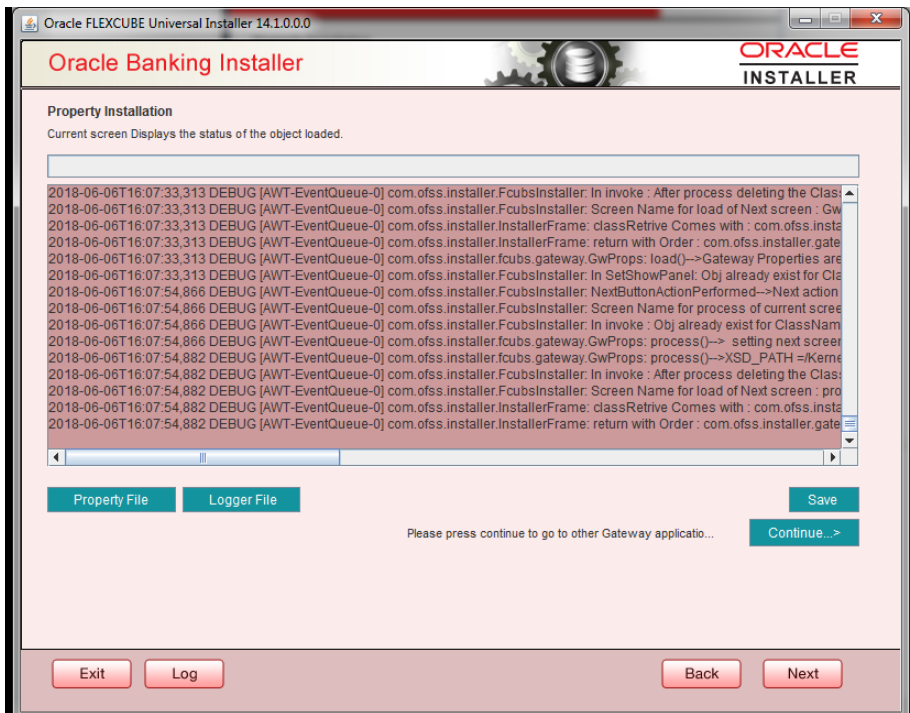
RTT plugin Required



Chose the check box if rtt plugin is required

The Installer creates two files viz. 'gw_http_logger.properties' and 'GW_HTTP_Prop.properties' in the path provided to save the files.

Click 'Next'. The following screen is displayed.



The property file will be created in a temporary folder.

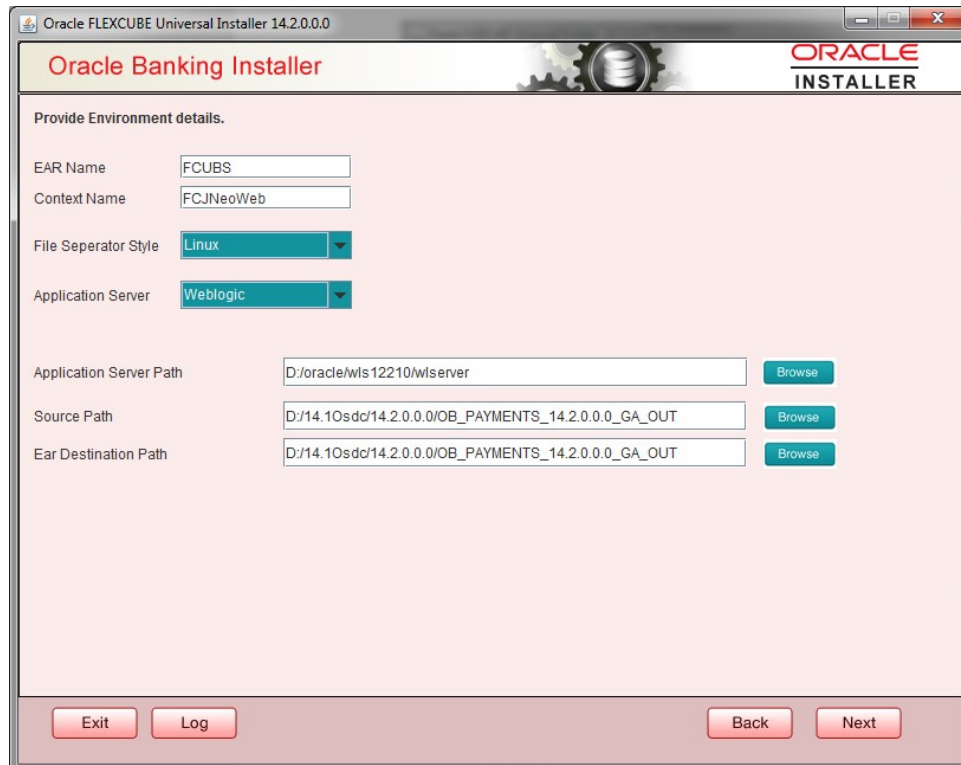
9. Click 'Property File' to view the created property file.
10. Click 'Save' to save the created property file in desired location.
11. Click 'Continue' to continue the installation process with gateway application type.
12. Click 'Next' to navigate to the installer home screen.

The property file will be created in the specified folder.

1.2.4 **Gateway Web Service Application**

Follow the steps given below:

1. Start Oracle Universal Banking Solution Installer. Select 'Gateway' and click 'Next'.

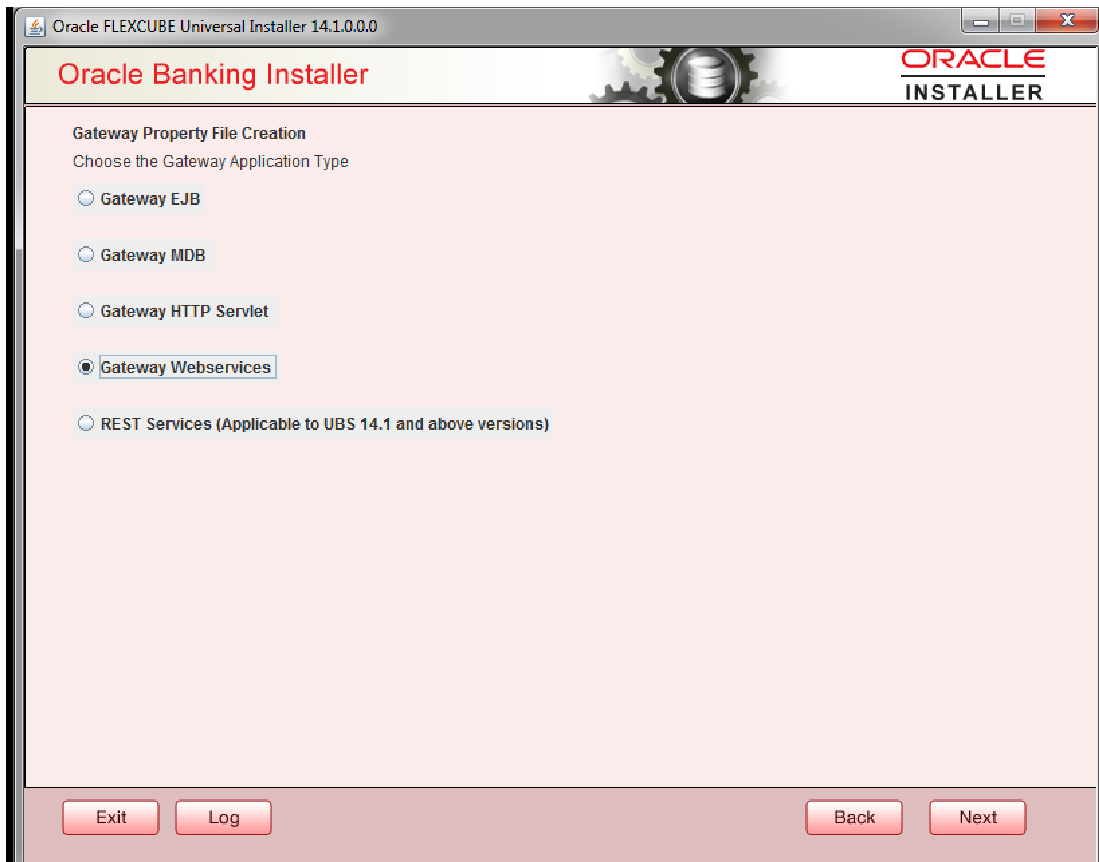


The screenshot shows the 'Oracle Banking Installer' window with the title 'Oracle FLEXCUBE Universal Installer 14.2.0.0.0'. The main heading is 'Oracle Banking Installer' with the 'ORACLE INSTALLER' logo on the right. The section is titled 'Provide Environment details.' and contains the following fields and controls:

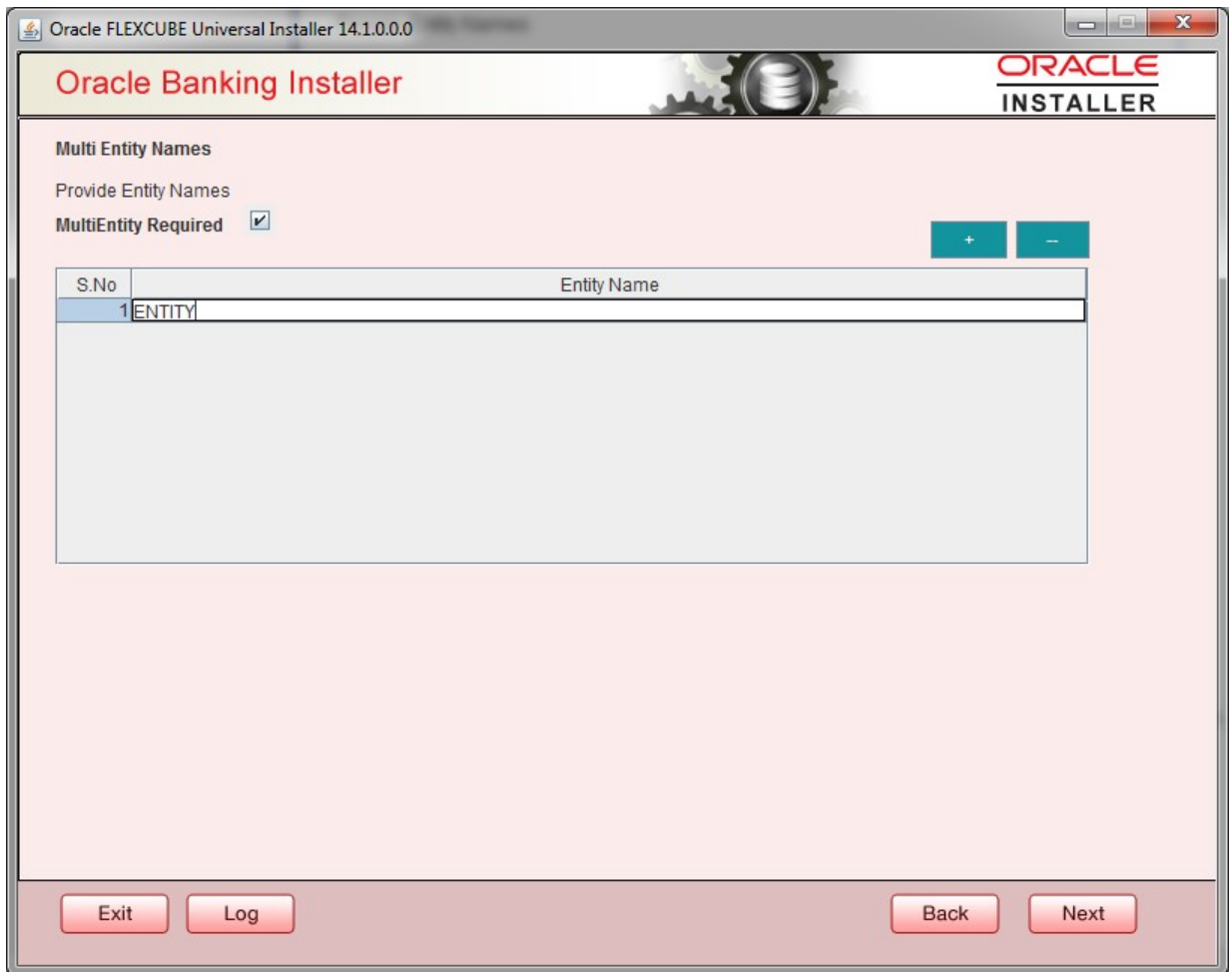
- EAR Name: Text box containing 'FCUBS'
- Context Name: Text box containing 'FCJNeoWeb'
- File Separator Style: Dropdown menu showing 'Linux'
- Application Server: Dropdown menu showing 'Weblogic'
- Application Server Path: Text box containing 'D:/oracle/wls12210/wlserver' with a 'Browse' button to its right.
- Source Path: Text box containing 'D:/14.10sdc/14.2.0.0.0/OB_PAYMENTS_14.2.0.0.0_GA_OUT' with a 'Browse' button to its right.
- Ear Destination Path: Text box containing 'D:/14.10sdc/14.2.0.0.0/OB_PAYMENTS_14.2.0.0.0_GA_OUT' with a 'Browse' button to its right.

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

2. Specify the EAR name, valid Application Server Path, Source and EAR destination path and click 'Next' button.
3. Select 'Gateway WebServices' to create configuration files for the application. Click 'Next'. The following screen is displayed.



4. Click 'Next'. The following screen is displayed: The installer displays the 'Multi Entity' screen.



MultiEntity Required

Select the multi entity check box for enabling the multi entity deployment.

After selected the multi entity option '+' , '-' buttons will be enabling for capturing the entity Name

+ Button:

New row will be added for capturing new entity name.

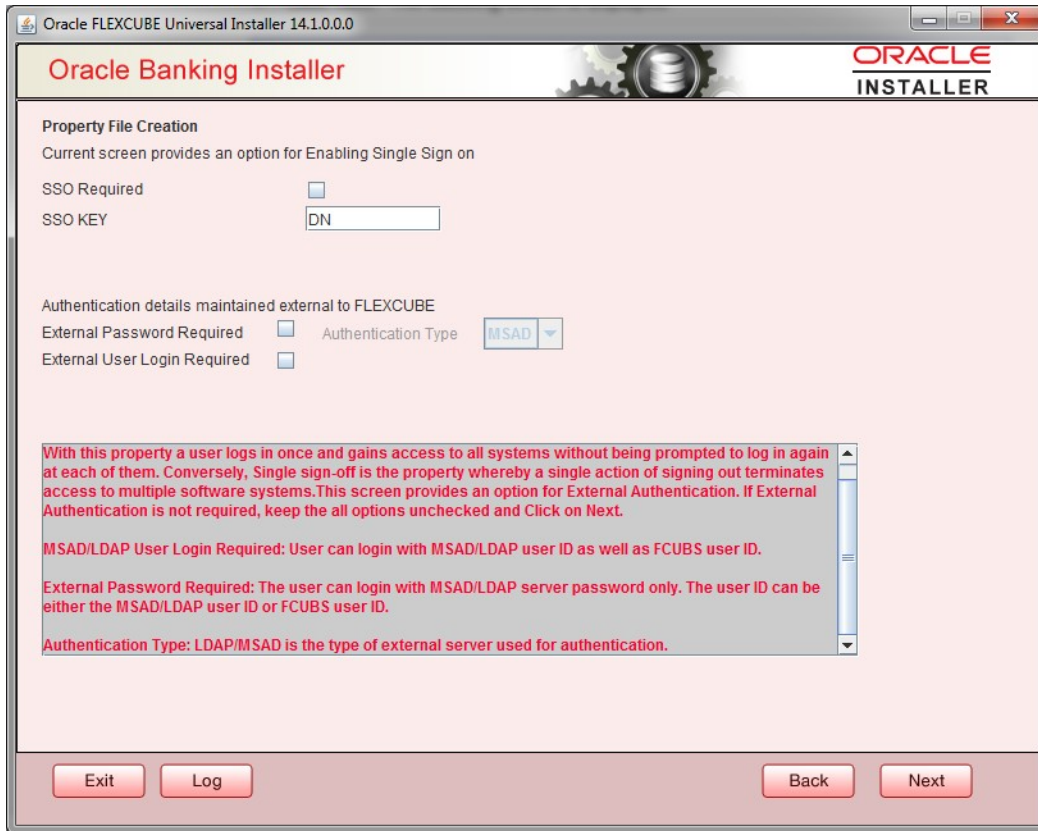
- Button:

Select the entity name and click – button, will be deletion of existing entity name

Entity Name:

Enter the entity name as single word For example: ENTITY1

5. Click 'Next'. The following screen is displayed:



6. Specify the following details.

SSO Required

Check this box to enable single sign-on (SSO). If you check this box, you need to specify the SSO Key.

SSO Key

Specify the SSO key. If you have checked the box 'SSO Required', it is mandatory to specify the SSO key.

If you have checked the box 'SSO Required', then the Installer will skip the following two screens and will directly navigate to the SSL screen shown below in this manual.

If you have not checked the box 'SSO Required', then click 'Next'. The following screen is displayed.

1. External User Login Required

Check this box to enable user login using MSAD/LDAP user Id.



If you check this box, the user can login with MSAD/LDAP server user Id as well as Payments

user Id. If you do not check this box, the user can login using Payments user Id

Oracle FLEXCUBE Universal Installer 14.1.0.0.0

Oracle Banking Installer

ORACLE
INSTALLER

Property File Creation

Current screen provides an option for Enabling Single Sign on

SSO Required ☐

SSO KEY

Authentication details maintained external to FLEXCUBE

External Password Required ☒ Authentication Type MSAD

External User Login Required ☒ MSAD
LDAP

With this property a user logs in once and gains access to all systems without being prompted to log in again at each of them. Conversely, Single sign-off is the property whereby a single action of signing out terminates access to multiple software systems. This screen provides an option for External Authentication. If External Authentication is not required, keep the all options unchecked and Click on Next.

MSAD/LDAP User Login Required: User can login with MSAD/LDAP user ID as well as FCUBS user ID.

External Password Required: The user can login with MSAD/LDAP server password only. The user ID can be either the MSAD/LDAP user ID or FCUBS user ID.

Authentication Type: LDAP/MSAD is the type of external server used for authentication.

Exit Log Back Next

only.

External Password Required

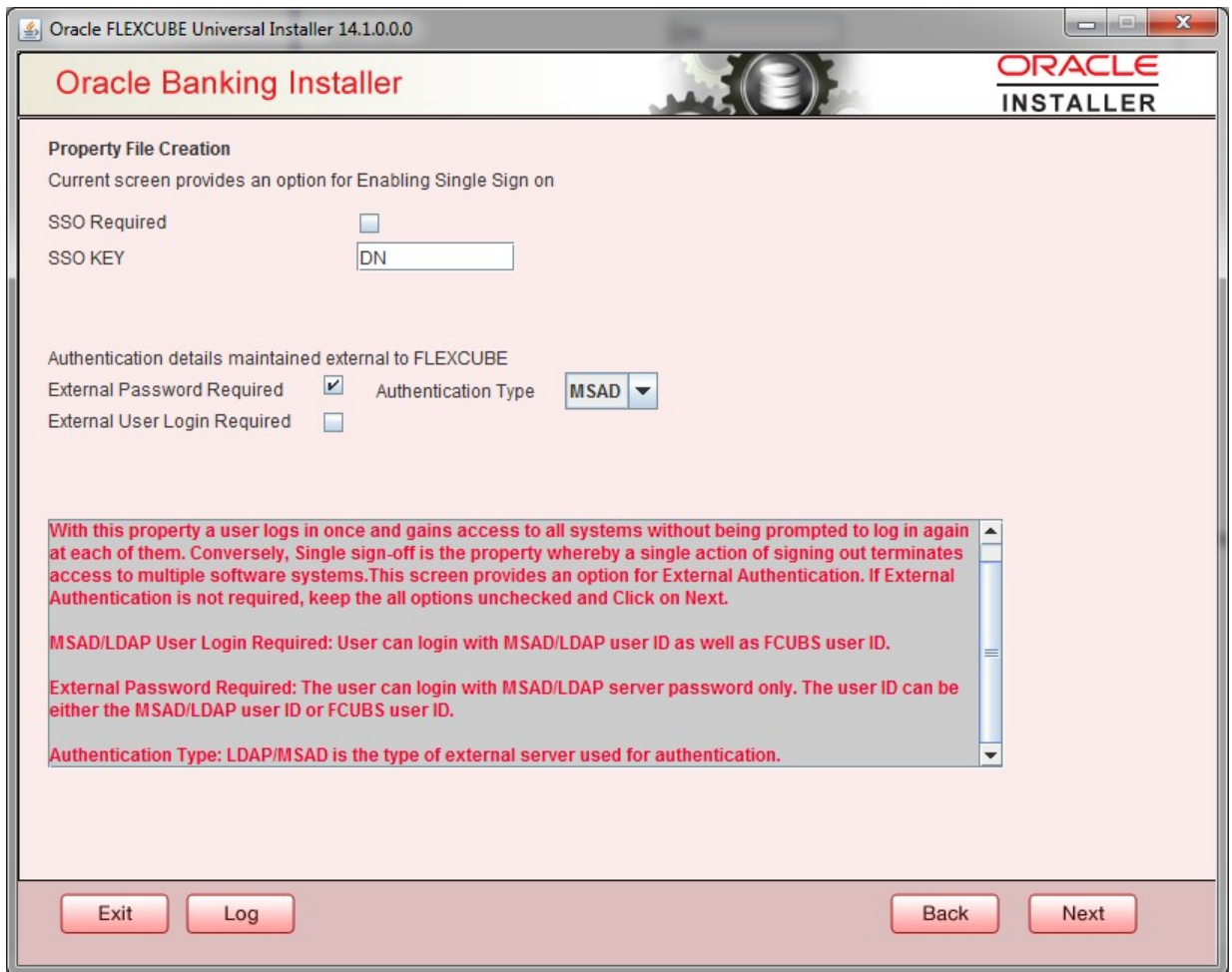
Check this box to allow user login using MSAD/LDAP password irrespective of the user Id.



If you check this box, the user can login using MSAD/LDAP server password only. The user Id can be one of the following:

- MSAD/LDAP user Id
- Payments user Id

If you do not check this box, then the installer skips the following screen and directly navigates to the Modifying Gateway Properties screen.



Authentication Type

Select the authentication type. This is the type of external server that is used. You can select one of the following options:

- MSAD (Microsoft Active Directory)
- LDAP (Lightweight Directory Access Protocol)

The default option is MSAD; however, you can change it

3. If you check the box, then the installer navigates to the following screen on clicking 'Next' button.

Oracle Banking Installer

Property File Creation
LDAP Server Details for Gateway

No.	Name	Value
1	LDAP SERVER URL	LDAP://10.10.10.10:111
2	LDAP SSL ENABLED	☐
3	SECURITY AUTHENTICATIO...	Simple
4	DOMAIN NAME	I-FLEX.COM
5	LDAP SERVER TIMEOUT	0

Exit Log Back Next

4. Specify the following LDAP server details.

LDAP Server URL

Specify the URL to access the LDAP server where the external user ID and password are maintained.

LDAP SSL Enabled

Check this box if the LDAP server is SSL enabled. If you check this box, then you need to specify the SSL port also in the field LDAP SERVER URL.

By default, this check box is unchecked. However, you can change this.

Security Authentication Type

Depending on the authentication mechanism supported by the LDAP server, select one of the following:

- Simple
- Strong



Note the following:

- Different servers support different authentication mechanisms.
- By default, the security authentication type is 'Simple'; however, you can change this.

Domain Name

Specify the domain name.

LDAP Server Timeout

Specify the LDAP server timeout in milliseconds. This must be a positive integer value. For example you can specify 1000, 10000 or 5000. If it is zero or less, it indicates that no read timeout is specified. Then the wait for the response infinite until it is received.

By default, the LDAP server timeout is zero; however, you can change this.

5. Click 'Next'. The following screen is displayed:

Oracle Banking Installer

Property File Creation
Current screen provides an option for modifying the Gateway Properties

XSD Path	/Kernel11.1/GW_WS/XSD/		
Logger File	/Kernel11.1/GW_WS/config/gw_ws_logger.properties		
Debug Path	/Kernel11.1/GW_WS/log/		
Security Key for Encryption	oraclefinancials		
SMS Pool Name	jdbc/cjdevDS		
DataSource	jdbc/cjdevDS		
	☐ POSS DataSource	☐ OPSS CSF Available	
POSS DataSource	POSSTEST.WORLD		
Distributed Schema	No ▼		
MSG IN log Required	No ▼	MSG OUT log Required	No ▼

Exit Log Back Next

6. Specify the following details.

XSD Path

Specify the path to the XSD file. File name is not required. File separator must be '/'. There must be a '/' at the end. All the relevant XSD files must be manually copied to this location.

E.g.:

For Windows: D:\Kernel11.1\GW_WS\XSD\ For Linux: /Kernel11.1/GW_WS/XSD/

Logger File

Specify the path to the 'gw_ejb_logger.properties' file with the file name. The file must be manually copied to the specified location.

E.g.:

For windows: D:\Kernel11.1\GW_WS\config\gw_ws_logger.properties For Linux:

/Kernel11.1/GW_WS/config/gw_ws_logger.properties

Debug Path

Specify the path to the folder where the application creates the logs. There must be a '/' at the end. You need to manually create the folder structure.

E.g.:

For windows: D:\Kernel11.1\GW_WS\log\ For Linux: /Kernel11.1/GW_WS/log/

7. Click 'Next'.



The Installer creates two files viz. 'gw_ws_logger.properties' and 'GW_WS_Prop.properties' in the path provided to save the files.

DataSource

The JDBC data source is an object bound to JNDI tree and provides database connectivity through a pool of JDBC connections.

POSS Datasource

Check this box if POSS is required. If you check this box, you need to specify the POSS Datasource Name in the field below this.

OPSS Available

Indicate whether OPSS-CSF is installed or not.



Please choose this only if Oracle Platform Security Services - Credential Store Framework (CSF) is installed as per the guidelines in the pre-requisite document. It is recommended that you install CSF for safeguarding application specific security credentials.

Distributed Schema

If the schema is distributed, select 'Yes'.

If the schema is not distributed, select 'No'.

Security Key for Encryption

Specify the security key for the Encryption, here in this case it is 'Oraclefinancialsolutions'.

RTT plugin Required

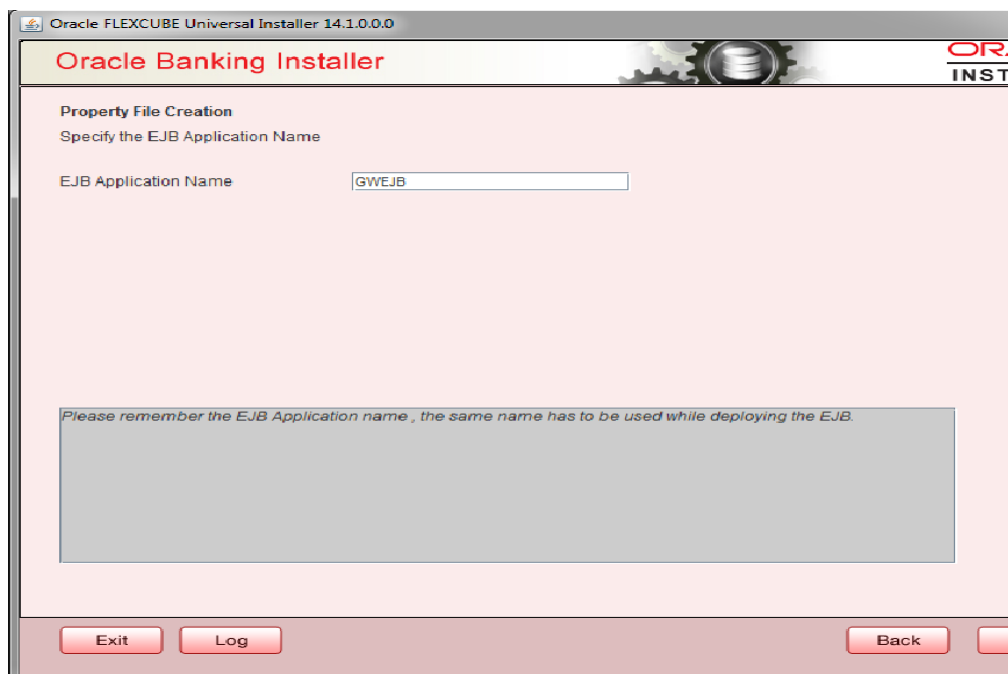
Choose the check box if rtt plugin is required

MSG IN LOG Required

Choose Yes/No from drop down box

MSG OUT LOG Required

Choose Yes/No from drop down box



14. Specify the following details:

EJB Application Name

Specify the name of the EJB application deployed. E.g.: GWEJB

14. Click 'Next'. The following screen is displayed

No.	Name	Value
1	EJB JNDI Name	#com.ofss.fcubs.gw.ejb.GWEJBRemote
2	Application Server URL	http://10.10.10.10:7001
3	User Name	infra
4	Password	*****
5	EJB Look Up	

Application Type: **INTEGRATED**

Application type can later be edited in env.properties

16. Specify the following details:

EJB JNDI Name

If you build the EJB application with GWEJB name, this should be the name with which the EJB EAR file is built.

If you select EJB Call Type as REMOTE, this should be
'<EJB_APPLICATION_NAME>#com.ofss.fcubs.gw.ejb.GWEJBRemote.

E.g.: Weblogic/Websphere : GWEJB #com.ofss.fcubs.gw.ejb.GWEJBRemote

If you build the EJB application with GWEJB name, this should be the name the EJB EAR file which is built.

Application Server URL

Specify the URL of the application server where the webservice application is hosted. E.g.:

Weblogic: [t3://10.10.10.10:7001](http://10.10.10.10:7001) Or Websphere:
[iiop://10.10.10.10:2815](http://10.10.10.10:2815)

User Name

Specify the user name to access the application server where the EJB application is deployed. E.g.: infra

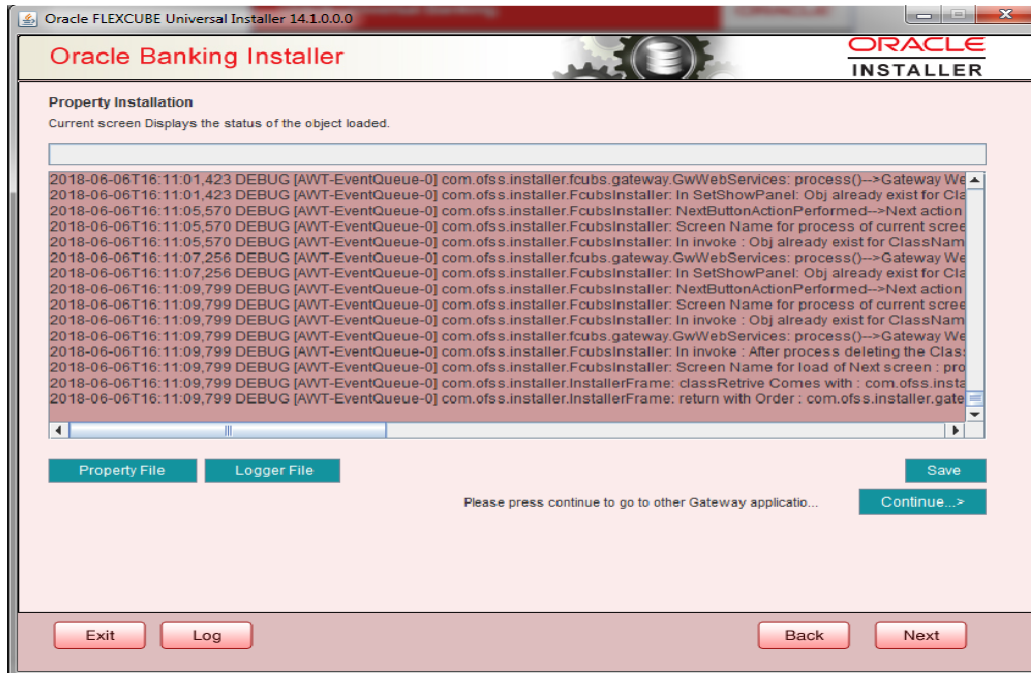
Password

17. Specify the password for the above user name.



The Installer creates two files viz. 'gw_WS_logger.properties' and 'GW_WS_Prop.properties' in the path provided to save the files.

Click 'Next'. The following screen is displayed.



The property file will be created in a temporary folder.

19. Click 'Property File' to view the created property file.
20. Click 'Save' to save the created property file in desired location.
21. Click 'Continue' to continue the installation process with gateway application type.
22. Click 'Next' to navigate to the installer home screen. The property file will be created in a temporary folder.
23. If Application Server is "Websphere" and EJB Look Up is "REMOTE", change below entry in GW_WS_Prop.properties:

EJB_CTX_FACTORY=weblogic.jndi.WLInitialContextFactory to
EJB_CTX_FACTORY=com.ibm.websphere.naming.WsnInitialContextFactory



Oracle Banking Payment Gateway Property File Creation
[May] [2022]

Version 14.6.0.0.0

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