

GATEWAY Property File Creation  
Oracle FLEXCUBE Universal Banking  
Release 14.5.3.0.0  
Part No. F50379-01  
[November] [2021]



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# 1. Creating Property File for Gateway Applications

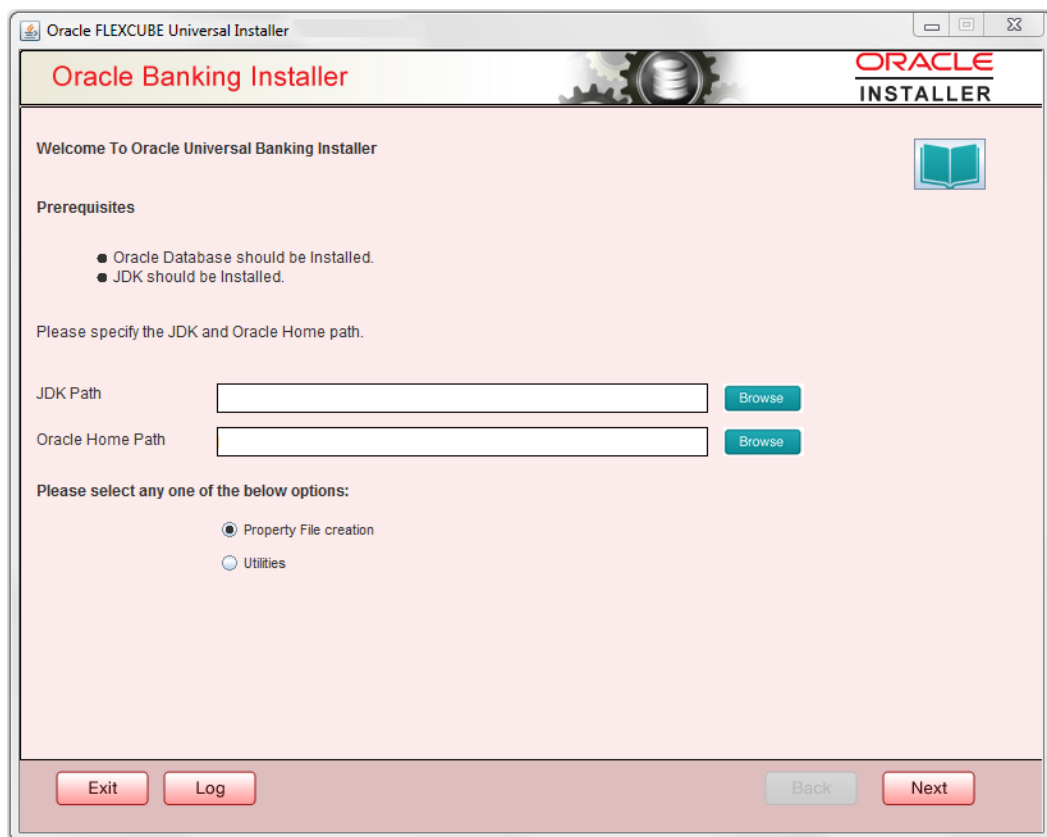
## 1.1 Introduction

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

## 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   
☐ Oracle Banking Payments  
☐ Oracle Banking Corporate Lending
 ☐ Open Development Tool

Select Plugins to be Installed

☐ Branch

Host Address  
☐ BPEL
 ☐ Scheduler

☐ Reports  
☒ OFTW
 ☐ FGL
 ☐ ELCM Adapter required

☐ DMS  
☐ FIS-HOST
 ☐ Insulation

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.

Oracle Banking Installer

ORACLE  
INSTALLER

Provide Environment details.

EAR Name

File Separator Style Linux

Application Server Weblogic

Application Server Path  Browse

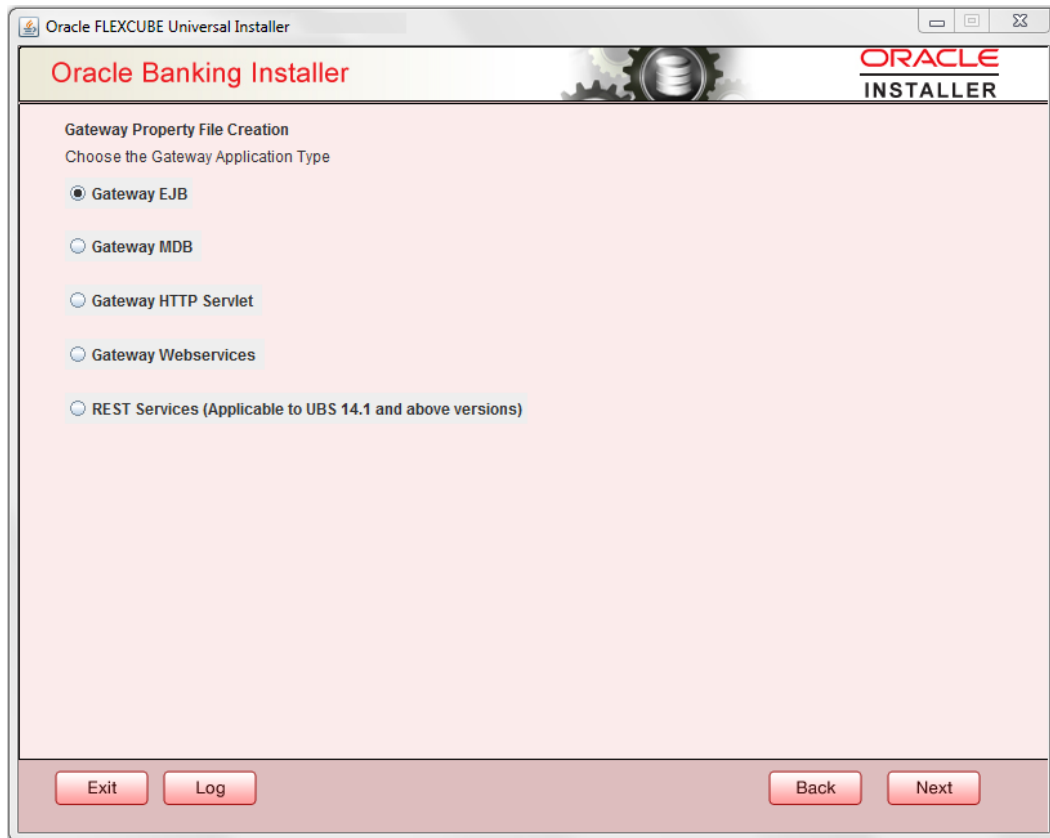
Source Path  Browse

Ear Destination Path  Browse

Exit Log Back Next

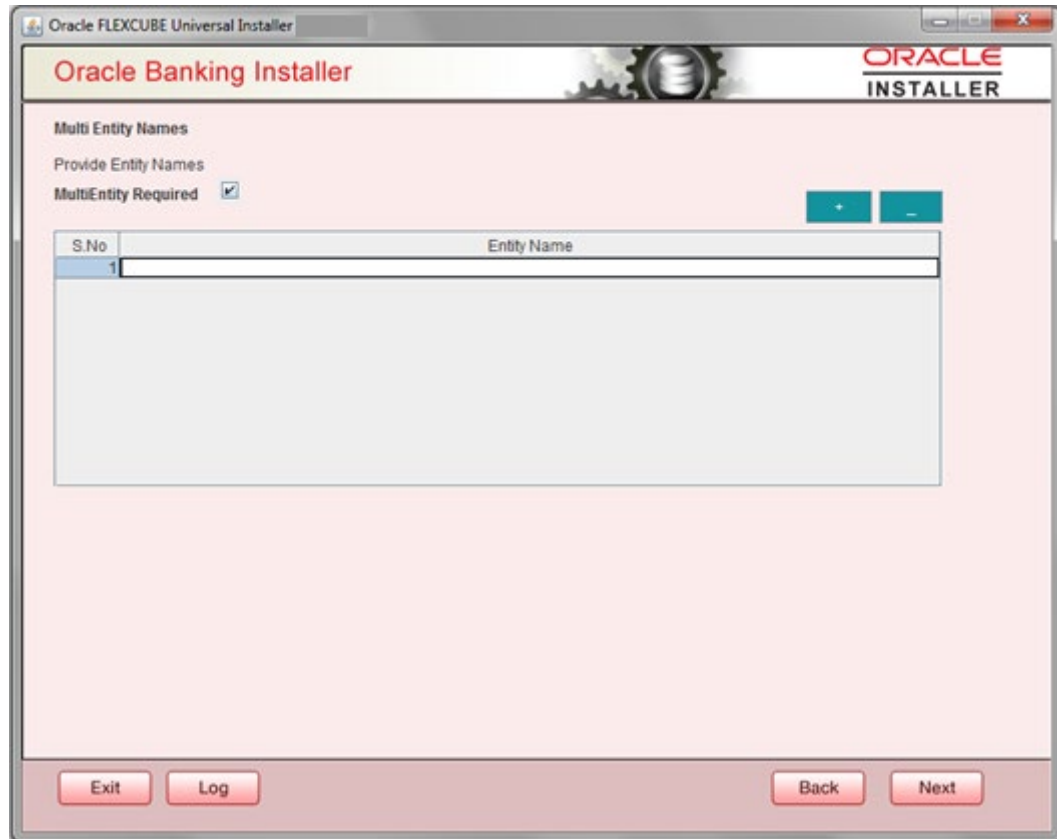
### 1.2.1 Gateway EJB Application

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



2. 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 selecting the multi entity option '+', '-' buttons will be enabled for capturing the entity Name

#### + Button:

New row will be added for capturing new entity name.

#### - Button:

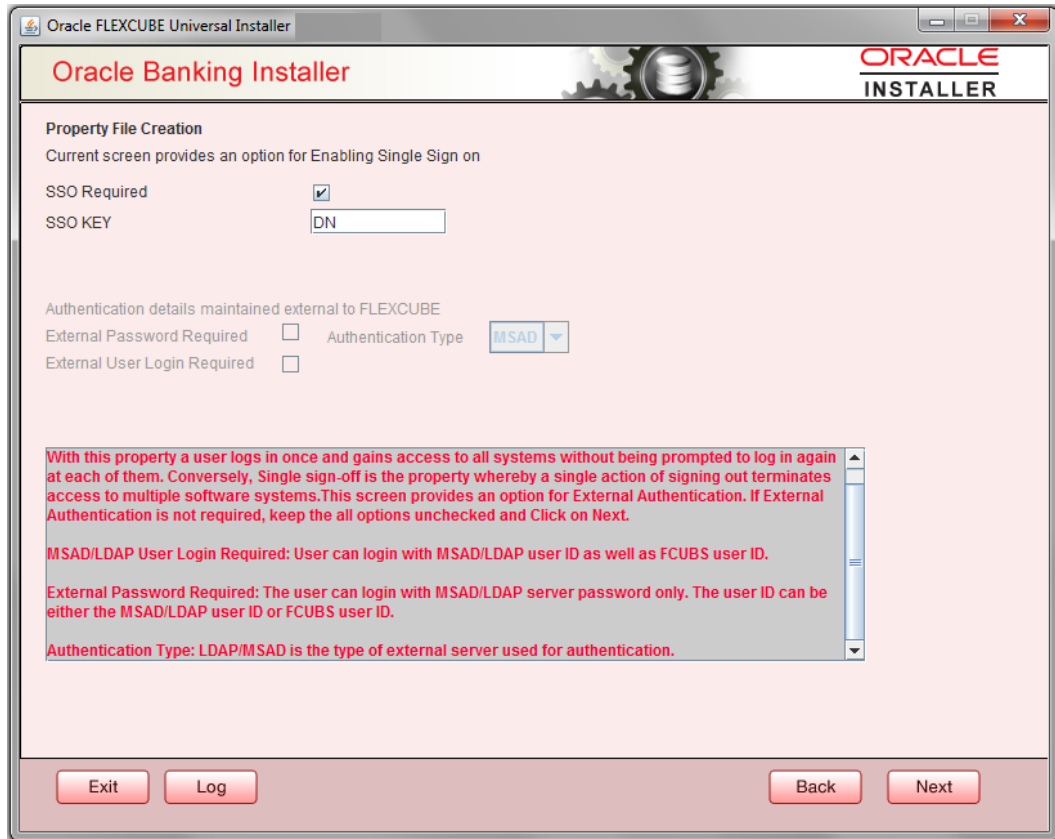
Select the entity name and click – button, deletion of existing entity name will be done

#### Entity Name:

Enter the entity name as single word

For example: ENTITY1

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



5. 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.

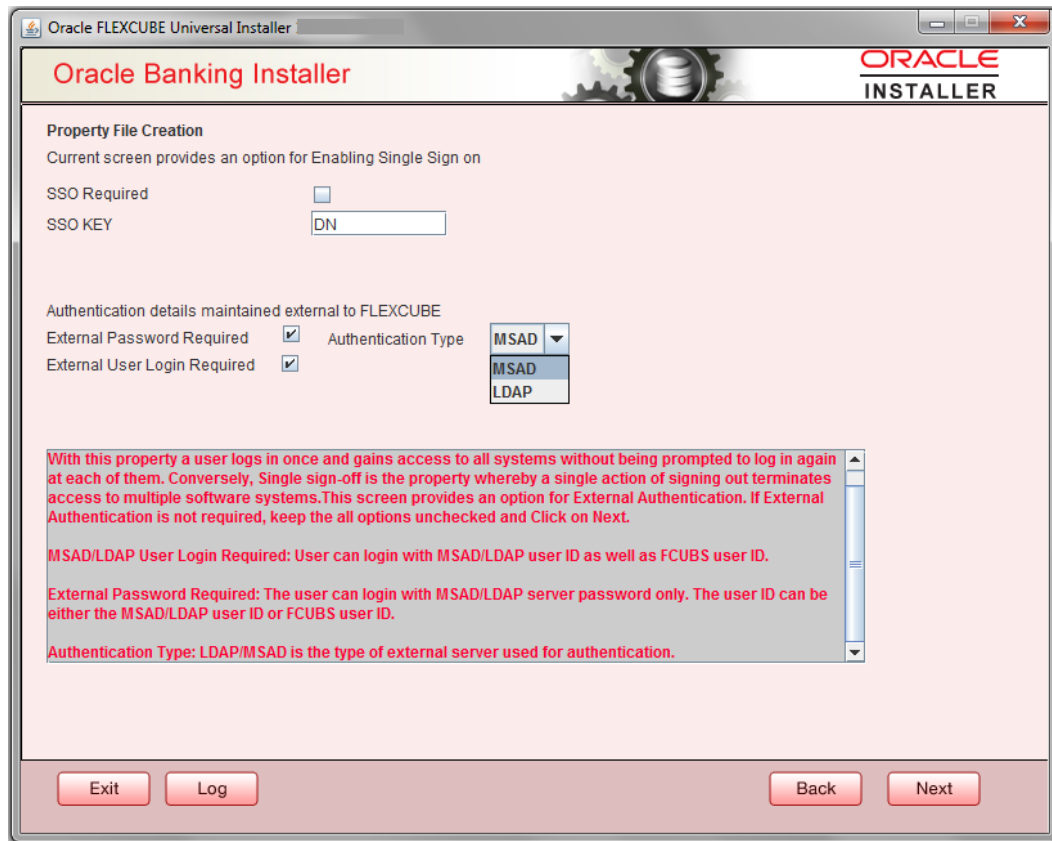
### External User Login Required

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

(Note-MSAD: Microsoft Active Directory, LDAP: Lightweight Directory Access Protocol)





## External Password Required

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

**STOP** 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
- FCUBS 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.

**Oracle FLEXCUBE Universal Installer**

**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 ☐ 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.**

## 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

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

**Oracle FLEXCUBE Universal Installer**

**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	<input type="checkbox"/>
3	SECURITY AUTHENTICATION...	Simple
4	DOMAIN NAME	I-FLEX.COM
5	LDAP SERVER TIMEOUT	0

7. 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**

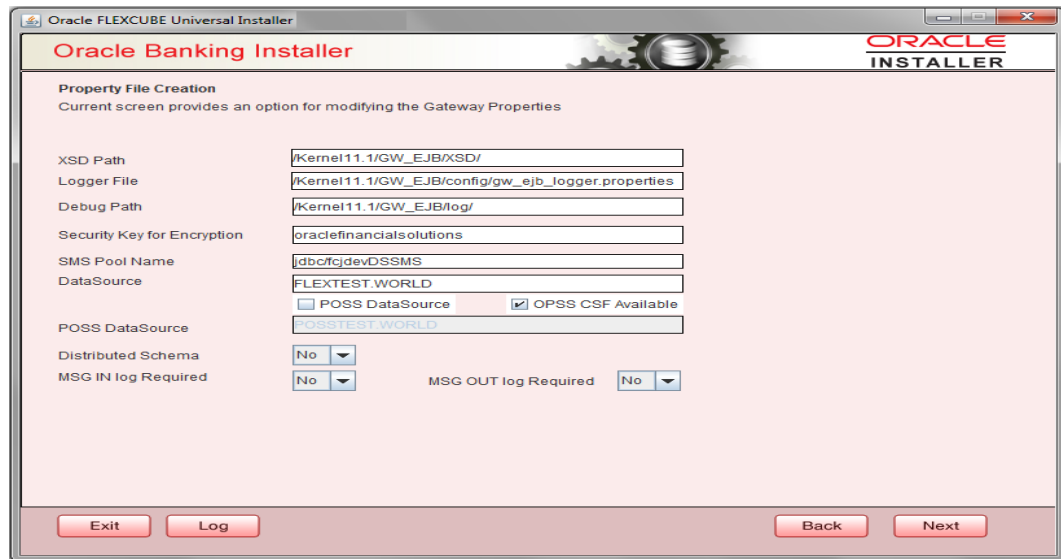
Specify the domain name.

### **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.

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



9. 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/

### Security Key for Encryption

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

**SMS Pool Name**

Specify SMS Pool Name, here in this case it is 'jdbc/fcjdevDSSMS'.

**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 CSF 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'.

**MSG IN LOG Required**

Choose Yes/No from drop down box

**MSG OUT LOG Required**

Choose Yes/No from drop down box.

If OFTW is enabled, the below Screen appears:

Oracle FLEXCUBE Universal Installer 12.5.0.0.0

## Oracle Banking Installer

Property File Creation - OFTW  
Option for OFTW Details configuration for Gateway replay


No.	Name	Value
1	OFTW Recording Type	REMOTE
2	OFTW User	infra
3	OFTW Password	*****
4	OFTW Provider URL	mail/FCUBSMail

Option for specifying Call Out Adapter Properties.

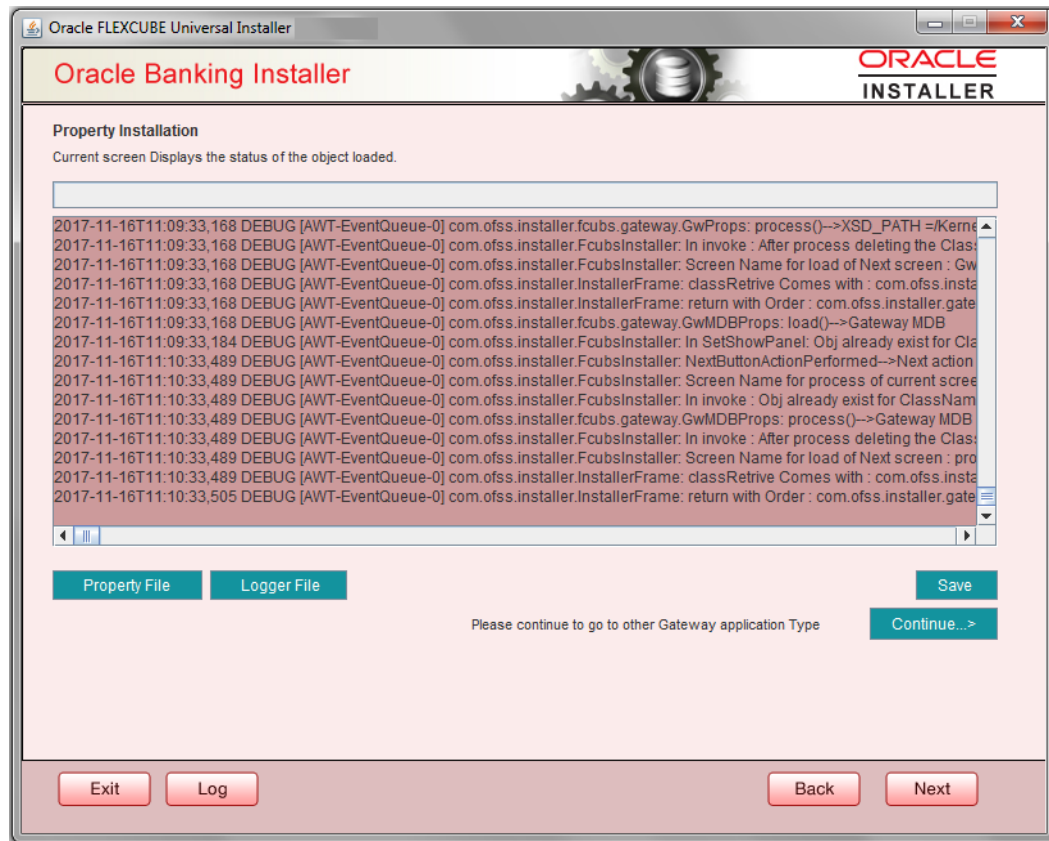
S.No	Name	Value
1	FCUBSAccService Url	http://10.10.10.10:1111

Exit Log Back Next

Enter Values for OFTW user, password, Provider URL and Recording Type. OFTW Recording Type has two options REMOTE and LOCAL.By default its 'REMOTE'.

 The Installer creates two files viz. 'gw\_ejb\_logger.properties' and 'GW\_EJB\_Prop.propeties' in the path provided to save the files.

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



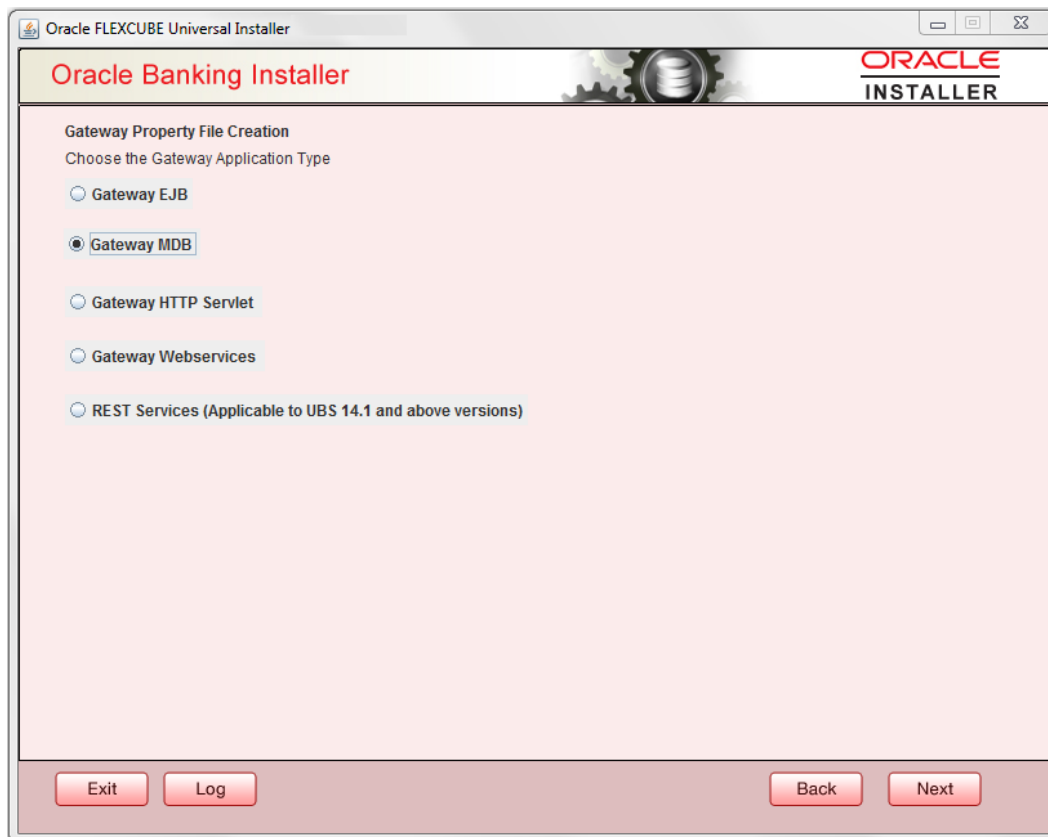
The property file will be created in a temporary folder.

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

### 1.2.2 Gateway MDB Application

Follow the steps given below:

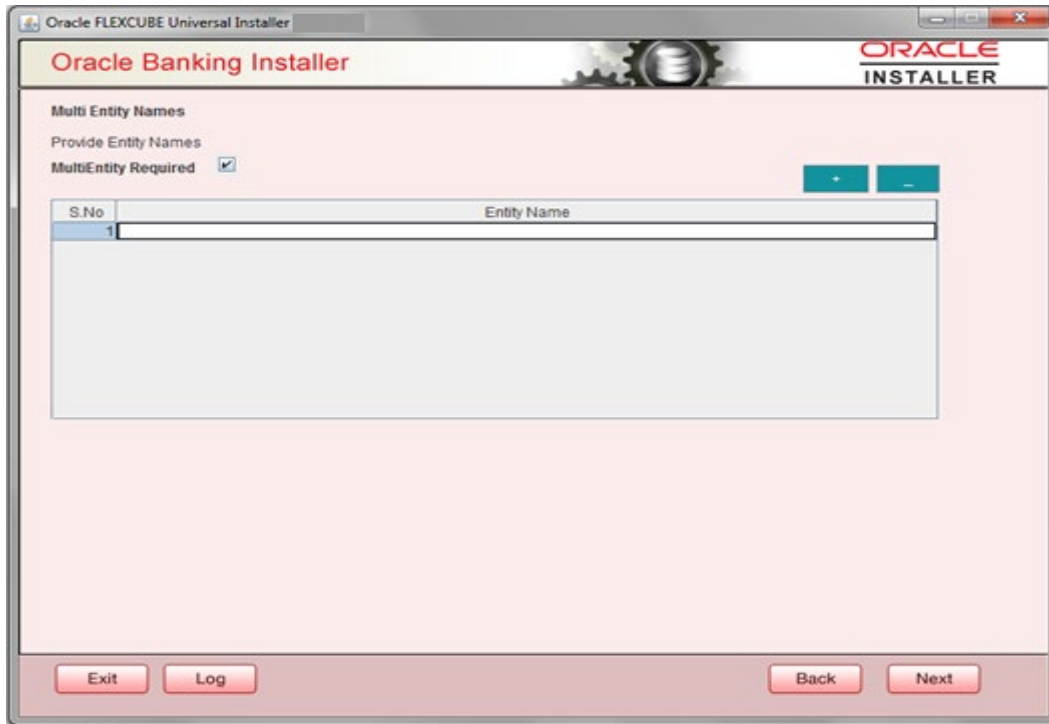
1. Select 'Gateway MDB' as the application type as shown in the below Screen.



2. 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 selecting the multi entity option '+', '-' buttons will be enabled for capturing the entity Name

#### + Button:

New row will be added for capturing new entity name.

#### - Button:

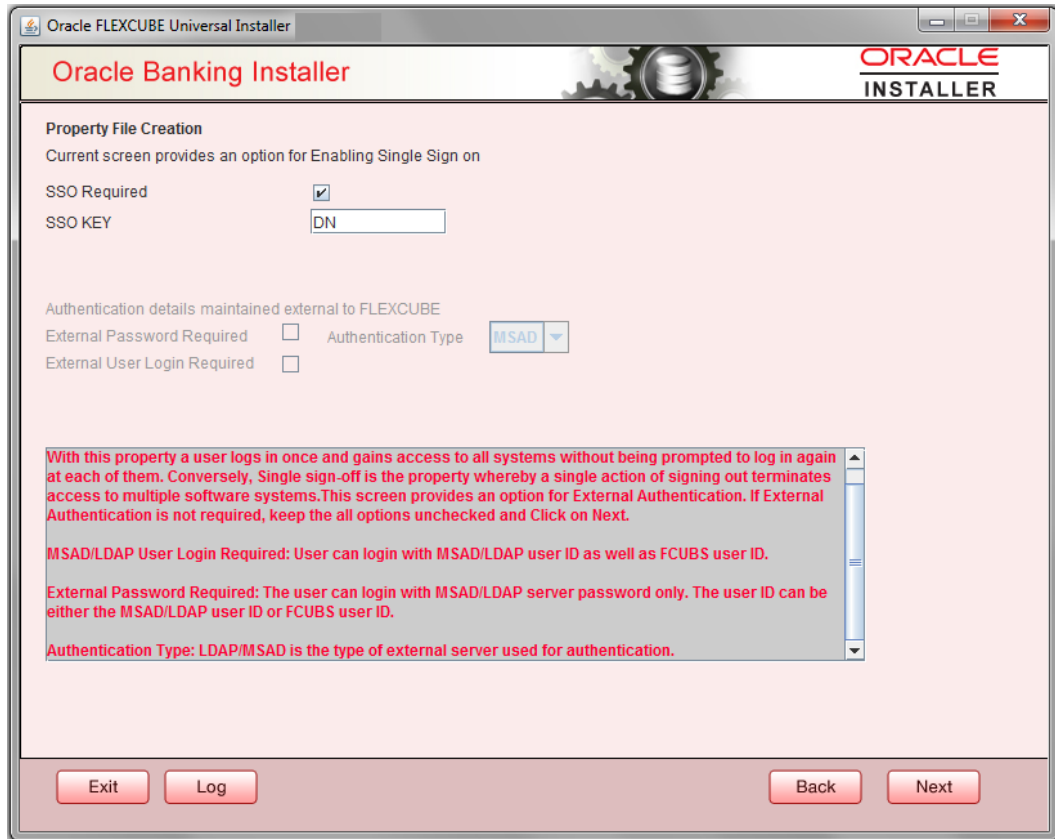
Select the entity name and click – button, deletion of existing entity name will be done

#### Entity Name:

Enter the entity name as single word

For example: ENTITY1

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



4. 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.

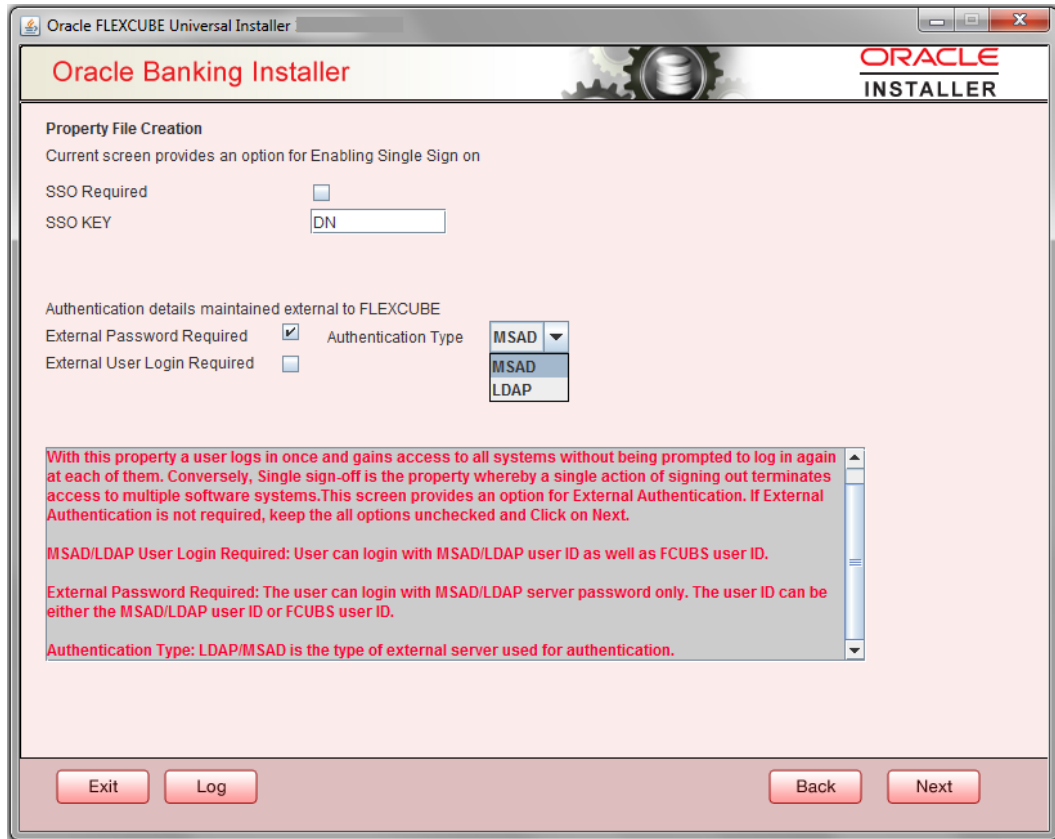
If you have checked the box 'SSO Required', then the Installer will skip the following two screens and will directly navigate to the Modifying the Gateway properties Screen.

### 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 FCUBS user ID. And the password can be MSAD/LDAP server password only.

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

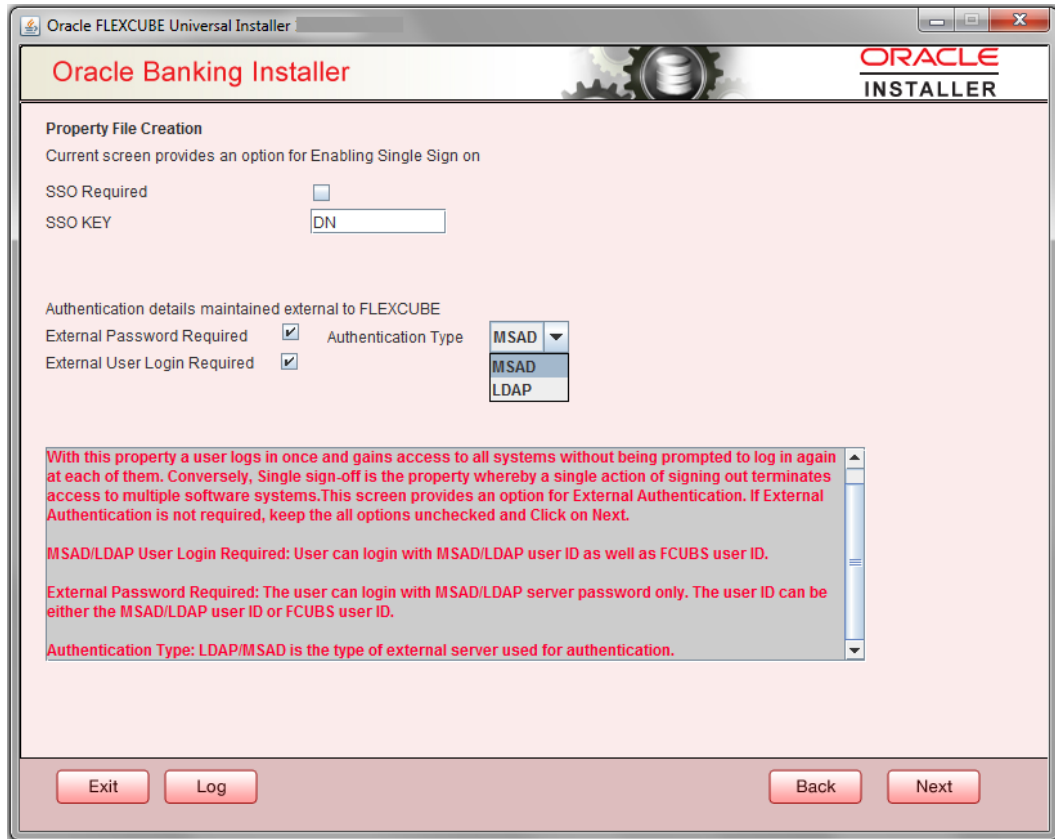
If you do not check this box, the installer skips the following screen and directly navigates you to the Modifying the Gateway Properties Screen.




### 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 FCUBS user ID. If you do not check this, the user can login using FCUBS user ID only.

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



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

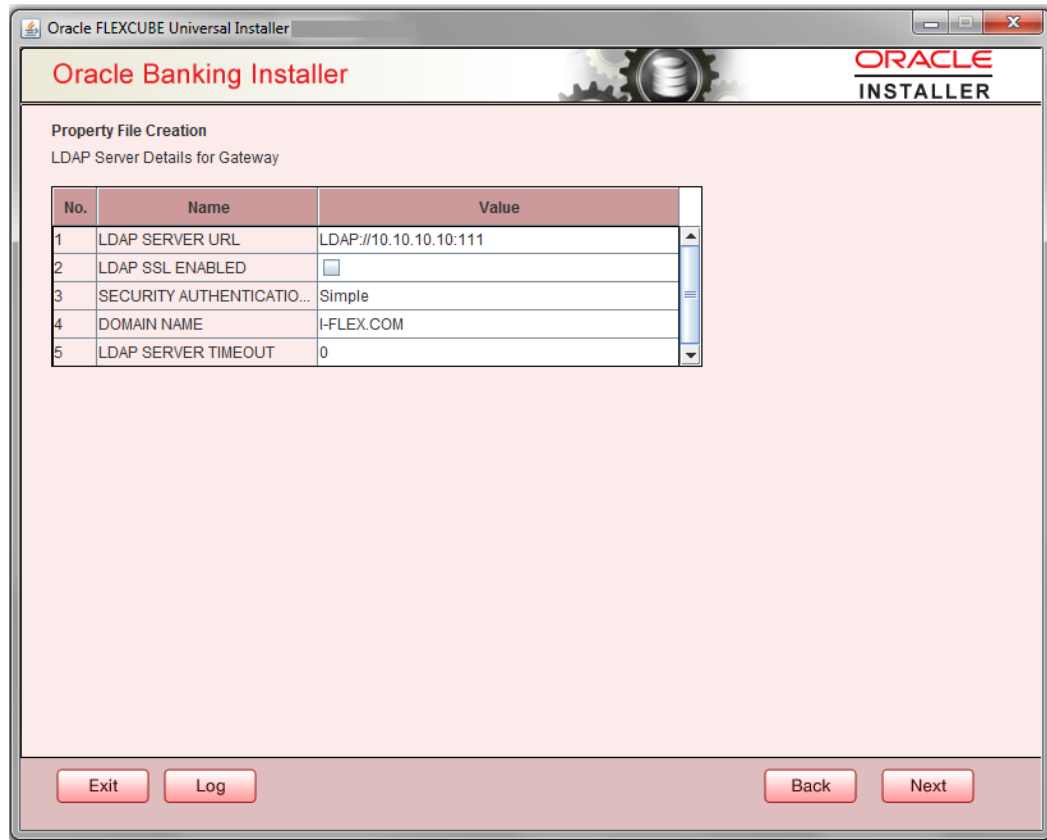
### Authentication Type

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.

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



No.	Name	Value
1	LDAP SERVER URL	LDAP://10.10.10.10:111
2	LDAP SSL ENABLED	<input type="checkbox"/>
3	SECURITY AUTHENTICATIO...	Simple
4	DOMAIN NAME	I-FLEX.COM
5	LDAP SERVER TIMEOUT	0

5. 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.

Click 'Next'. The following screen is displayed:

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\_MDB\XSD\

For Linux: /Kernel11.1/GW\_MDB/XSD/

### **Logger File**

Specify the path to the 'gw\_mdb\_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/

### **Security Key for Encryption**

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

### **SMS Pool Name**

Specify SMS Pool Name, here in this case it is 'jdbc/fcjddevDSSMS'

### **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'.

Click 'Next'. The following screen is displayed.

### OFTW Plugin Required

Choose Yes/No from drop down box

If OFTW is enabled, the below Screen appears:

Oracle FLEXCUBE Universal Installer 12.5.0.0.0

**Oracle Banking Installer** **ORACLE INSTALLER**

**Property File Creation - OFTW**  
Option for OFTW Details configuration for Gateway replay

No.	Name	Value
1	OFTW Recording Type	REMOTE
2	OFTW User	infra
3	OFTW Password	*****
4	OFTW Provider URL	mail/FCUBSMail

Option for specifying Call Out Adapter Properties.

S.No	Name	Value
1	FCUBSAccService Url	http://10.10.10.10:1111

Exit Log Back Next

Enter Values for username, password, Provider URL and Recording Type.

Click 'Next'. The following screen is displayed.



Oracle FLEXCUBE Universal Installer 12.5.0.0.0

**Oracle Banking Installer**

**ORACLE  
INSTALLER**

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

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	<input type="checkbox"/>
6	Caller ID	
7	Caller Password	

Exit Log Back Next

7. Specify the following details:

### 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

Note: Refer Resources\_To\_Be\_Created.docx for creation of Queues

### Connection Factory

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

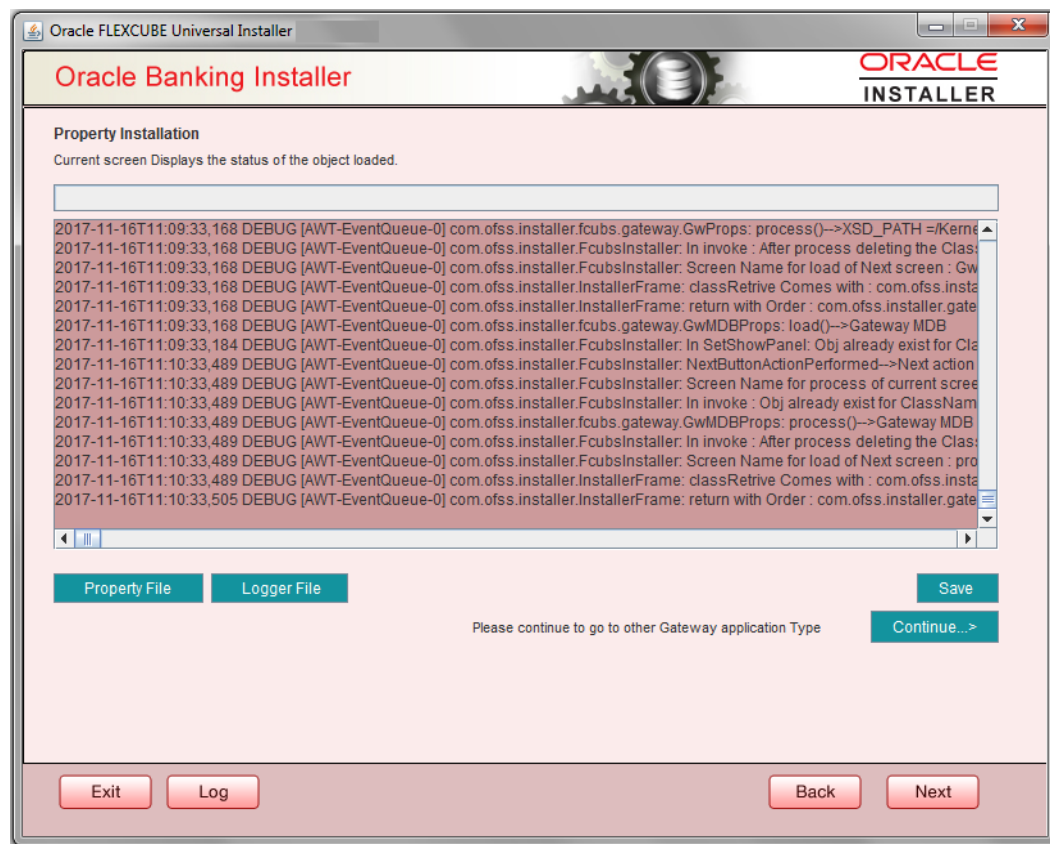
E.g.: MDBQCF.

## 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.



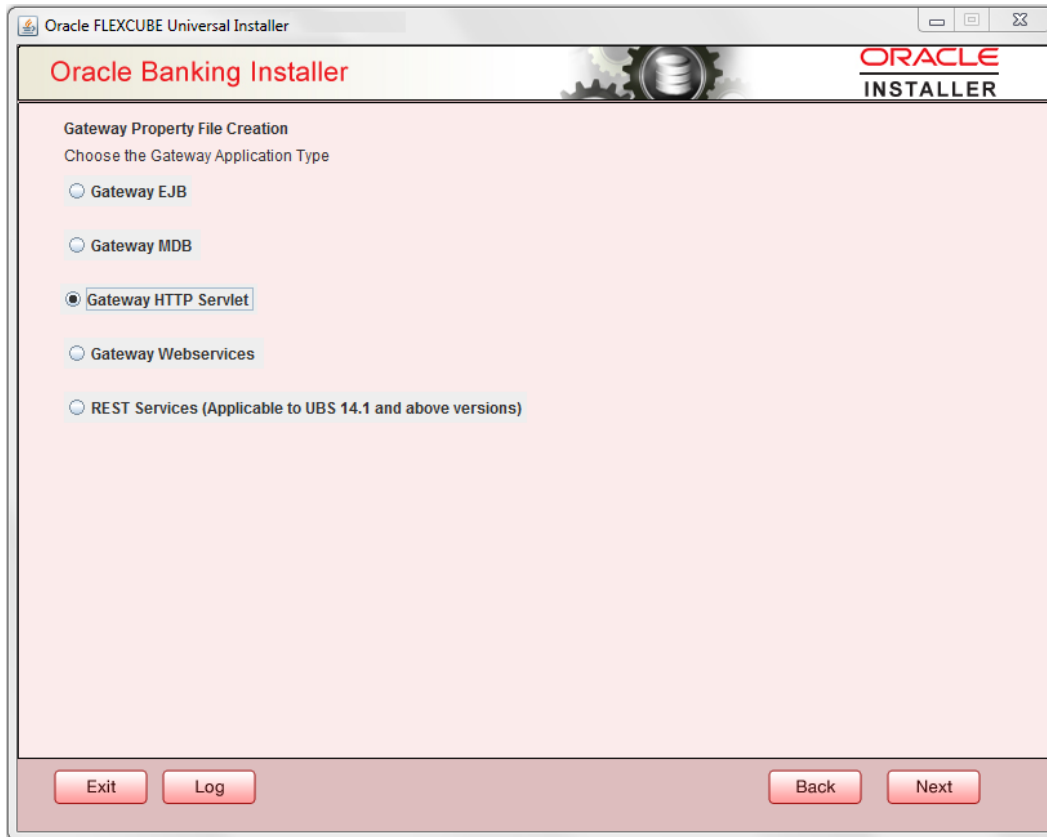
The property file will be created in a temporary folder.

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

### 1.2.3 Gateway HTTP Servlet Application

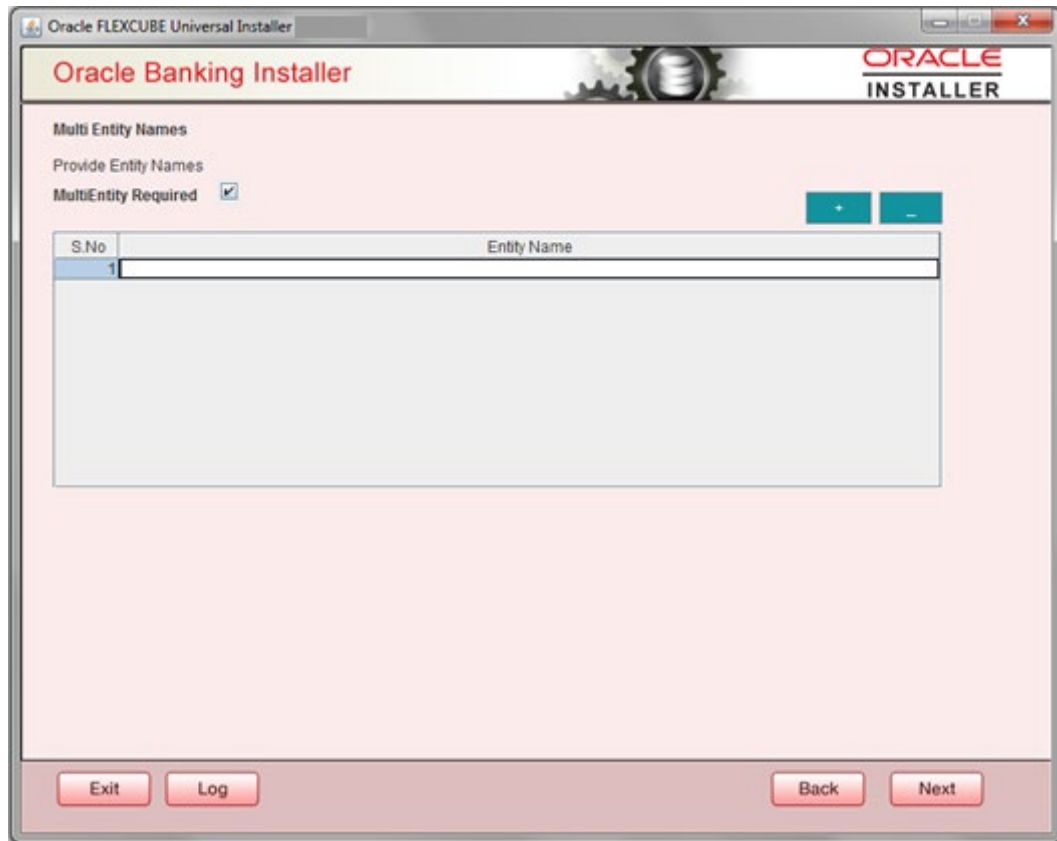
Follow the steps given below:

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



2. 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 selecting the multi entity option '+', '-' buttons will be enabled for capturing the entity Name

#### + Button:

New row will be added for capturing new entity name.

#### - Button:

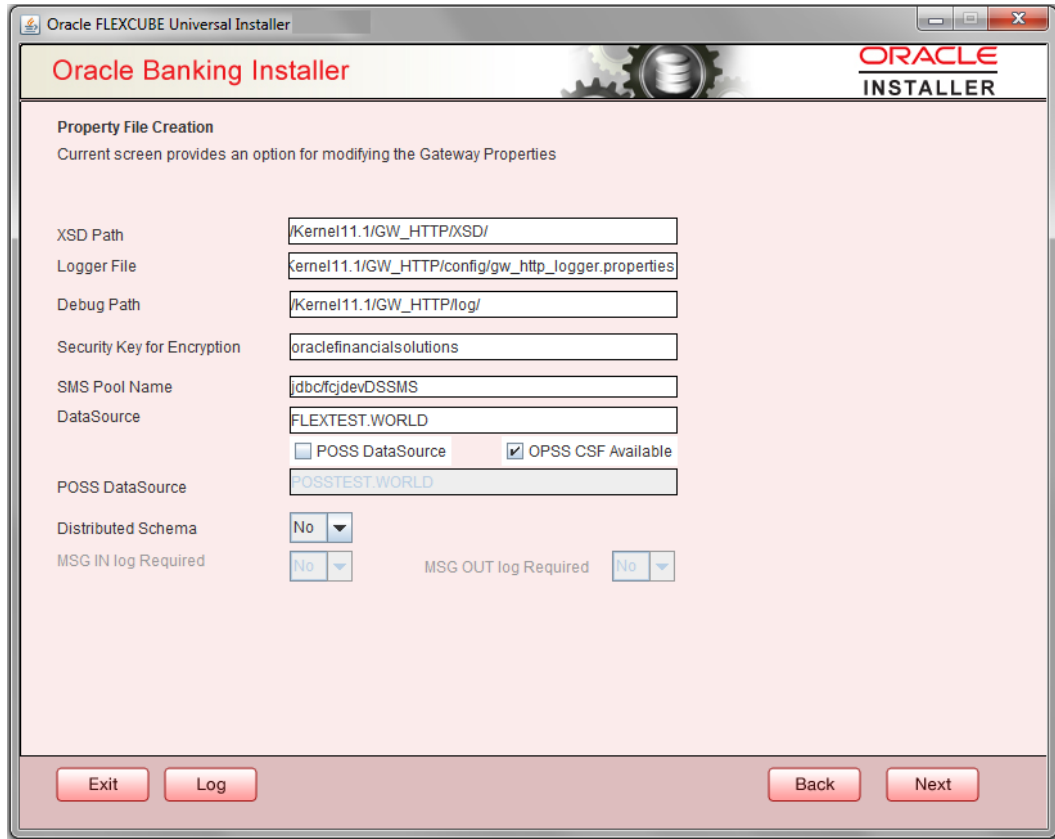
Select the entity name and click – button, deletion of existing entity name will be done

#### Entity Name:

Enter the entity name as single word

For example: ENTITY1

Click 'Next'. The following screen is displayed:



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\_HTTP\XSD\

For Linux: /Kernel11.1/GW\_HTTP/XSD/

### Logger File

Specify the path to the 'gw\_http\_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/

### **Security Key for Encryption**

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

### **SMS Pool Name**

Specify SMS Pool Name, here in this case it is 'jdbc/fcjddevDSSMS'

### **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.

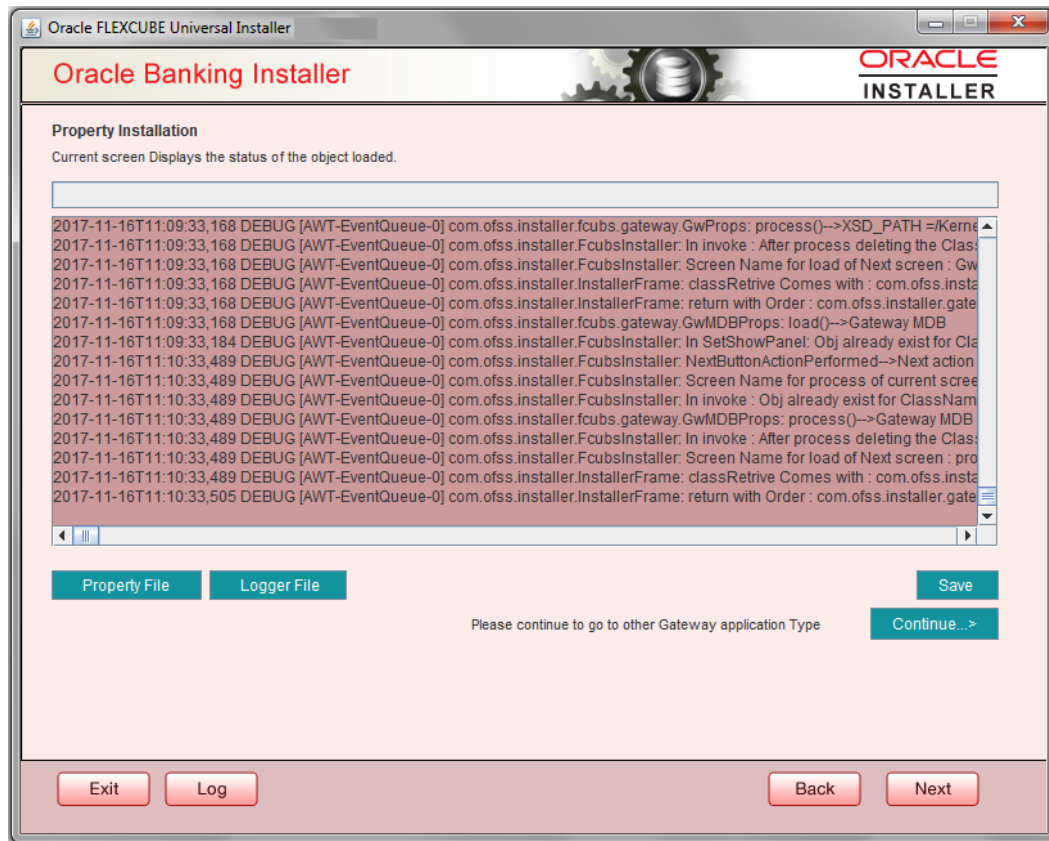
### **Distributed Schema**

If the schema is distributed, select 'Yes'.

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

The Installer creates two files viz. 'gw\_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.

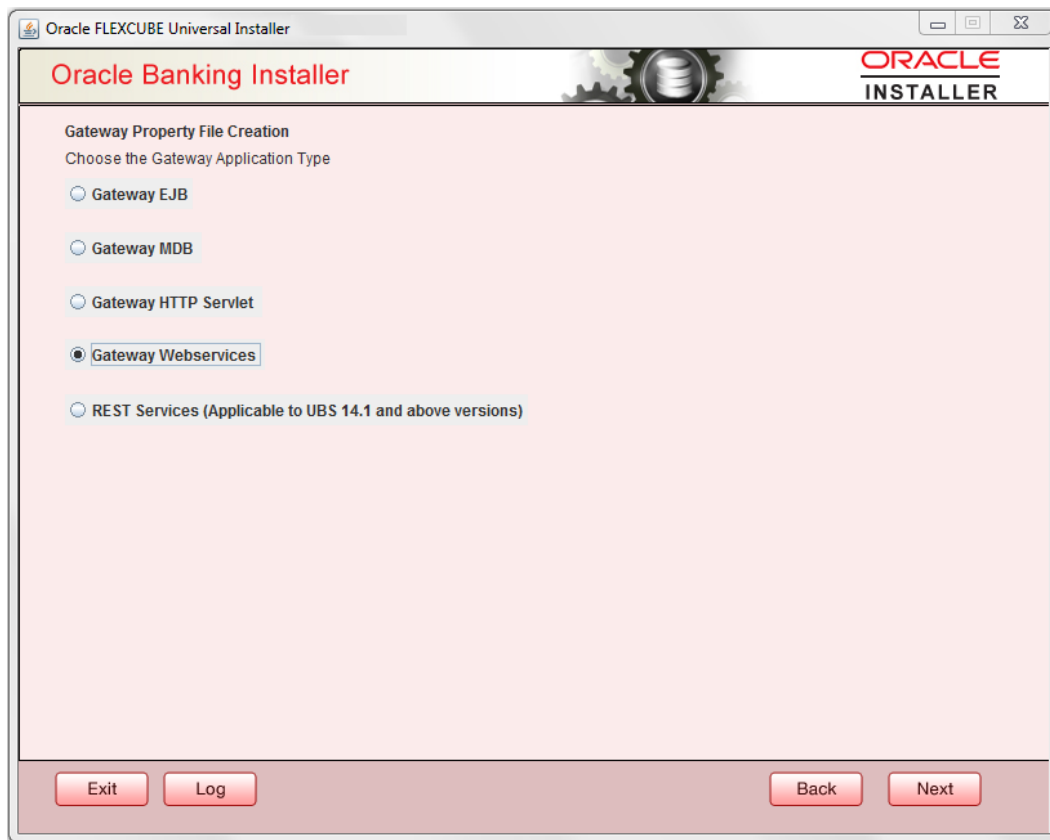
13. Click 'Property File' to view the created property file.
14. Click 'Save' to save the created property file in the desired location.
15. Click 'Continue' to continue the installation process with gateway application type.
16. Click 'Next' to navigate to the installer home screen.

The property file will be created in the specified folder.

## 1.2.4 Gateway Web Service Application

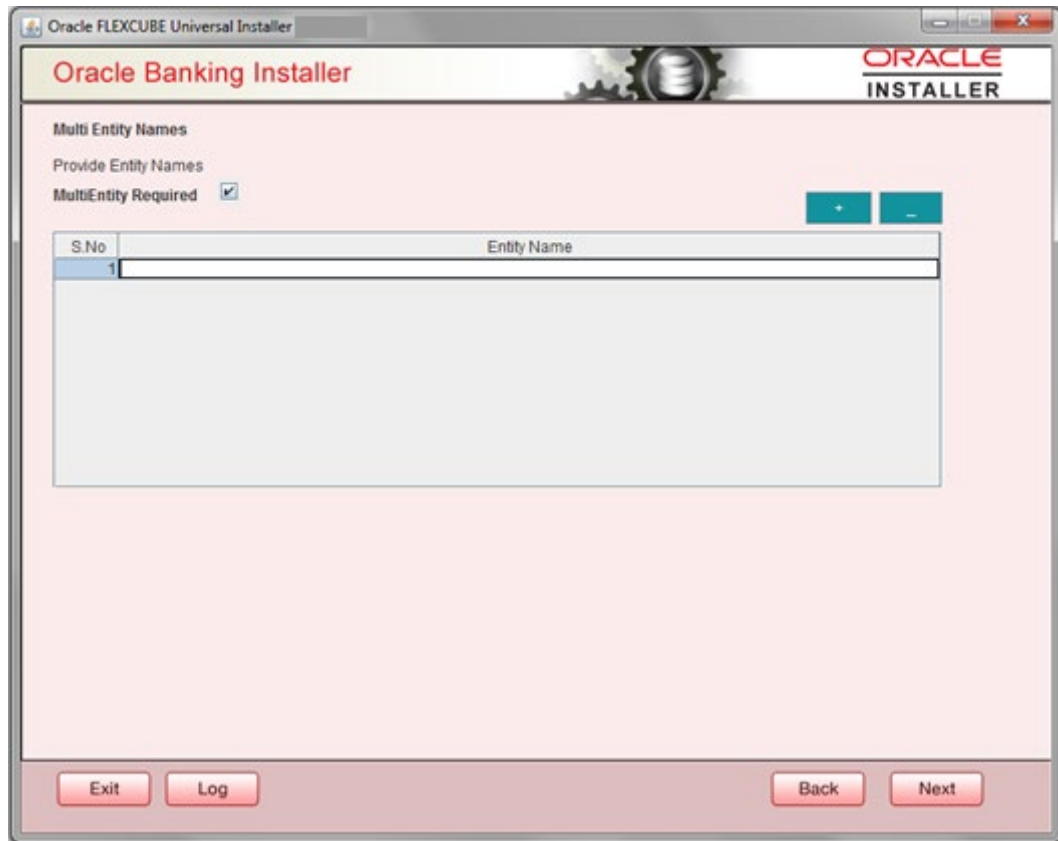
Follow the steps given below:

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



2. 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 selecting the multi entity option '+', '-' buttons will be enabled for capturing the entity Name

#### + Button:

New row will be added for capturing new entity name.

#### - Button:

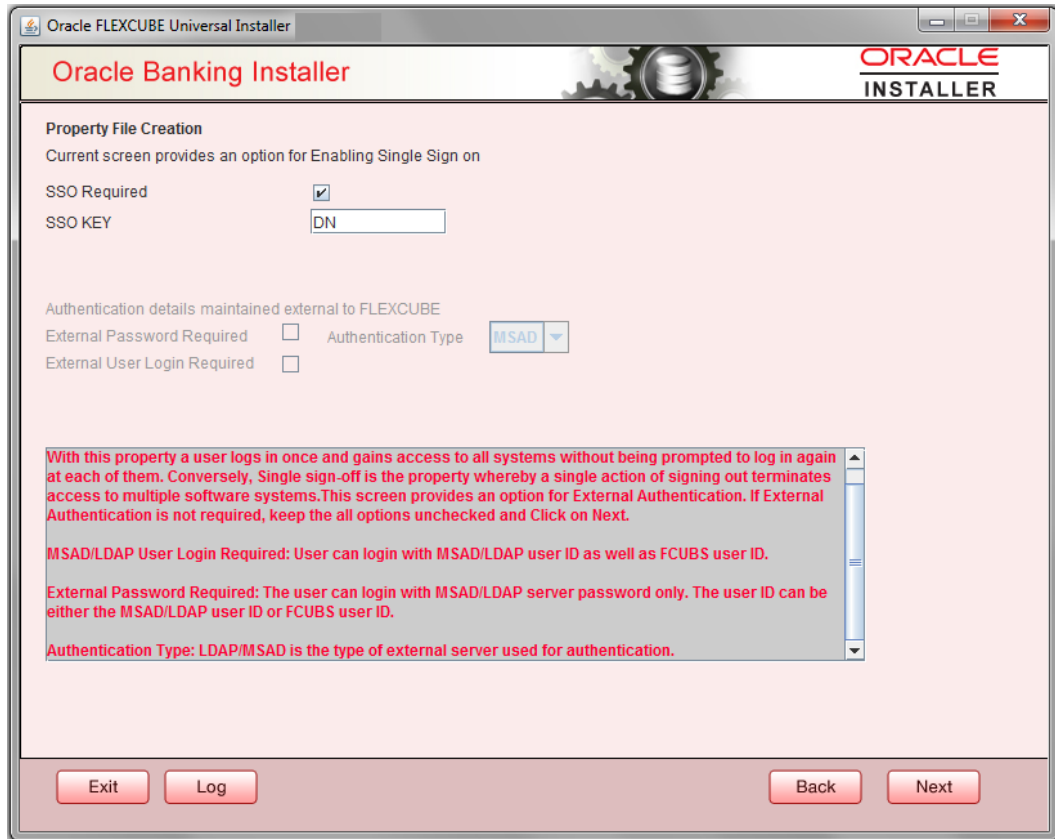
Select the entity name and click – button, deletion of existing entity name will be done

#### Entity Name:

Enter the entity name as single word

For example: ENTITY1

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



4. 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.

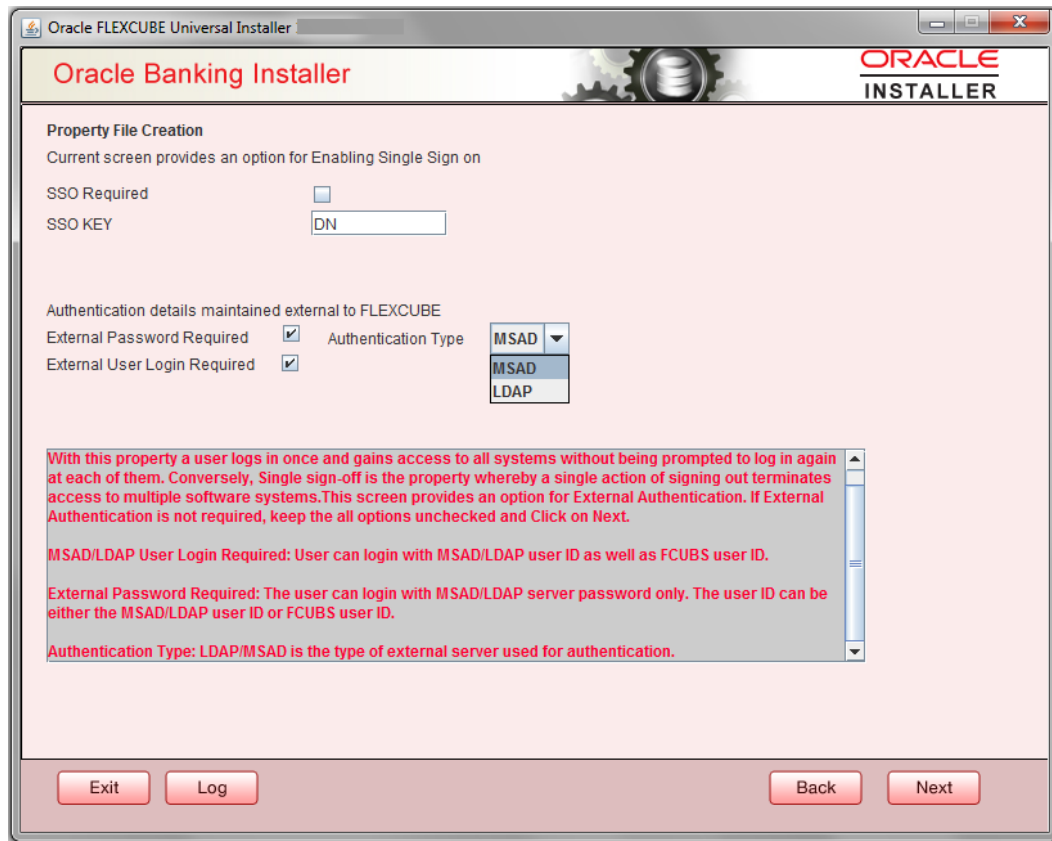
If you have checked the box 'SSO Required', then the Installer will skip the following two screens and will directly navigate to the SSL screen shown below in this manual.

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

### 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 FCUBS user Id. If you do not check this box, the user can login using FCUBS user Id only.



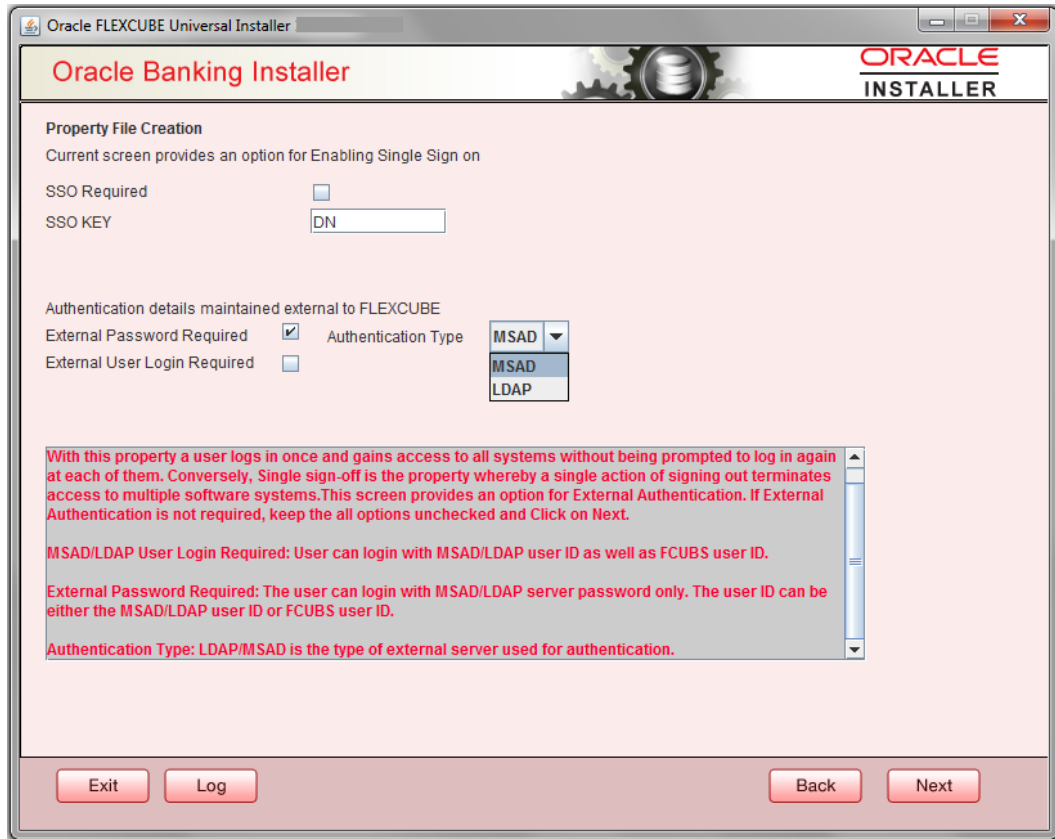
### External Password Required

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

**STOP** 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
- FCUBS 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.



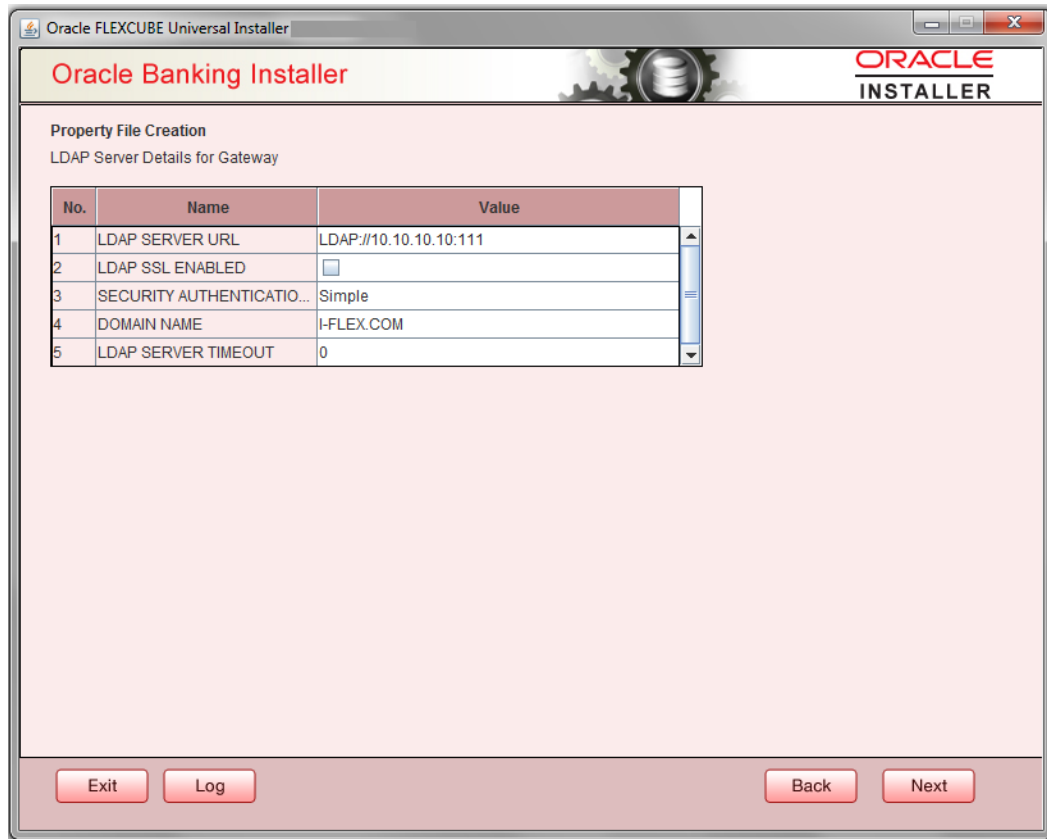
## Authentication Type

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

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



6. 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

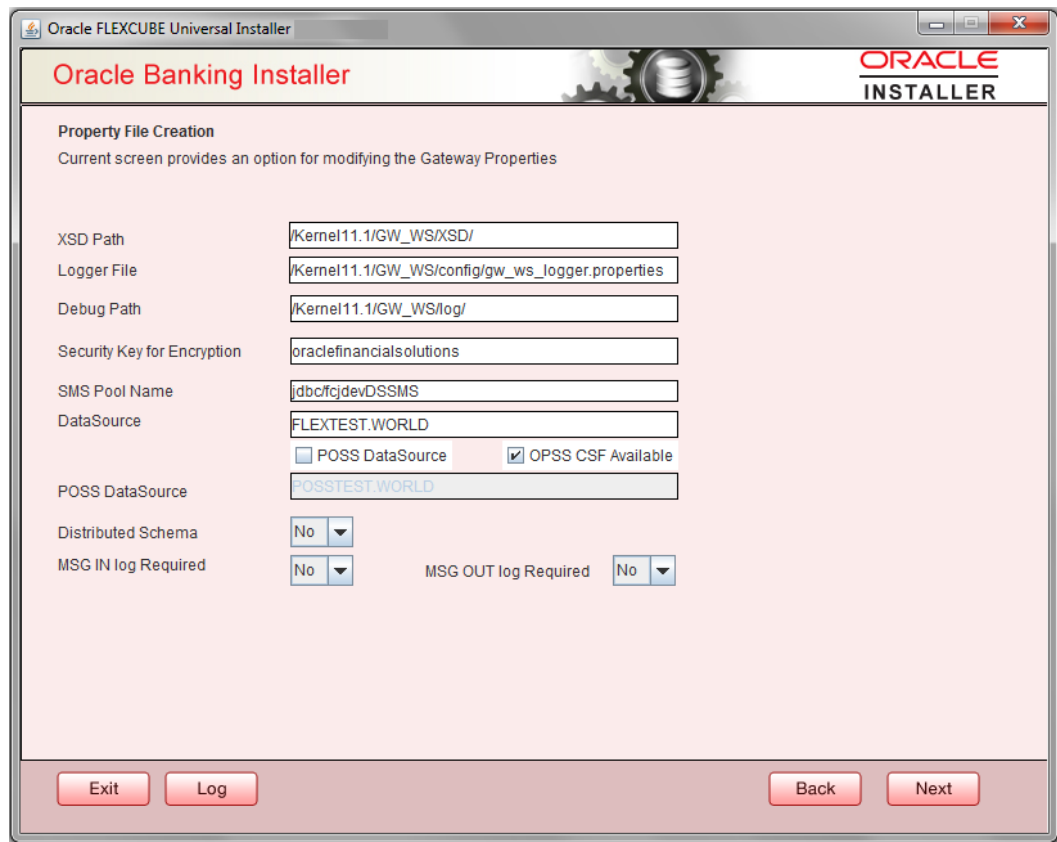
Specify the domain name.

## 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.

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



The screenshot shows the 'Oracle Banking Installer' window. The title bar says 'Oracle FLEXCUBE Universal Installer'. The main window has a header with 'Oracle Banking Installer' and the 'ORACLE INSTALLER' logo. Below the header, it says 'Property File Creation' and 'Current screen provides an option for modifying the Gateway Properties'. The form contains several fields and checkboxes:

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	oraclefinancialsolutions
SMS Pool Name	jdbcfcjdevDSSMS
DataSource	FLEXTTEST.WORLD
POSS DataSource	<input type="checkbox"/> POSS DataSource <input checked="" type="checkbox"/> 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'.

8. 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\_ws\_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/

### **Security Key for Encryption**

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

### **SMS Pool Name**

Specify SMS Pool Name, here in this case it is 'jdbc/fcjdevDSSMS'

### **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'.

### OFTW plugin Required

Chose 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

If OFTW is enabled, the below Screen appears:

Oracle FLEXCUBE Universal Installer 12.5.0.0.0

**Oracle Banking Installer** **ORACLE INSTALLER**

**Property File Creation - OFTW**  
Option for OFTW Details configuration for Gateway replay

No.	Name	Value
1	OFTW Recording Type	REMOTE
2	OFTW User	infra
3	OFTW Password	*****
4	OFTW Provider URL	mail/FCUBSMail

Option for specifying Call Out Adapter Properties.

S.No	Name	Value
1	FCUBSAccService Uri	http://10.10.10.10:1111

Exit Log Back Next

Enter Values for username, password, Provider URL and Recording Type.

9. Specify the following details:

### EJB Application Name

Specify the name of the EJB application deployed.

E.g.: GWEJB.

Click 'Next'. The following screen is displayed.



Oracle FLEXCUBE Universal Installer

## Oracle Banking Installer

Property File Creation

Specify the EJB Application Name

EJB Application Name

Please remember the EJB Application name , the same name has to be used while deploying the EJB.

Exit Log Back Next

10. Specify the following details:

Oracle FLEXCUBE Universal Installer

## Oracle Banking Installer

Gateway Property File Creation

Current screen provides an option for modifying WebServices Properties

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

Application type can later be edited in env.properties

Exit Log Back Next

### EJB JNDI Name

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

If you select EJB Call Type as REMOTE, this will create  
'<EJB\_APPLICATION\_NAME>#com.ofss.fcubs.gw.ejb.GWEJBRemote. in  
'GW\_WS\_Prop.properties' file

E.g.:

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

### **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://t3://10.10.10.10:7001)

Or

Websphere: [iiop://10.10.10.10:2815](http://iiop://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**

11. Specify the password for the above user name.

12. Specify the EJB look up type from the drop down list. The options are LOCAL/REMOTE

13. Specify the Application Type from the drop down list.



If the Application type is 'INTEGRATED' then the EJB look up type should be select as 'LOCAL'

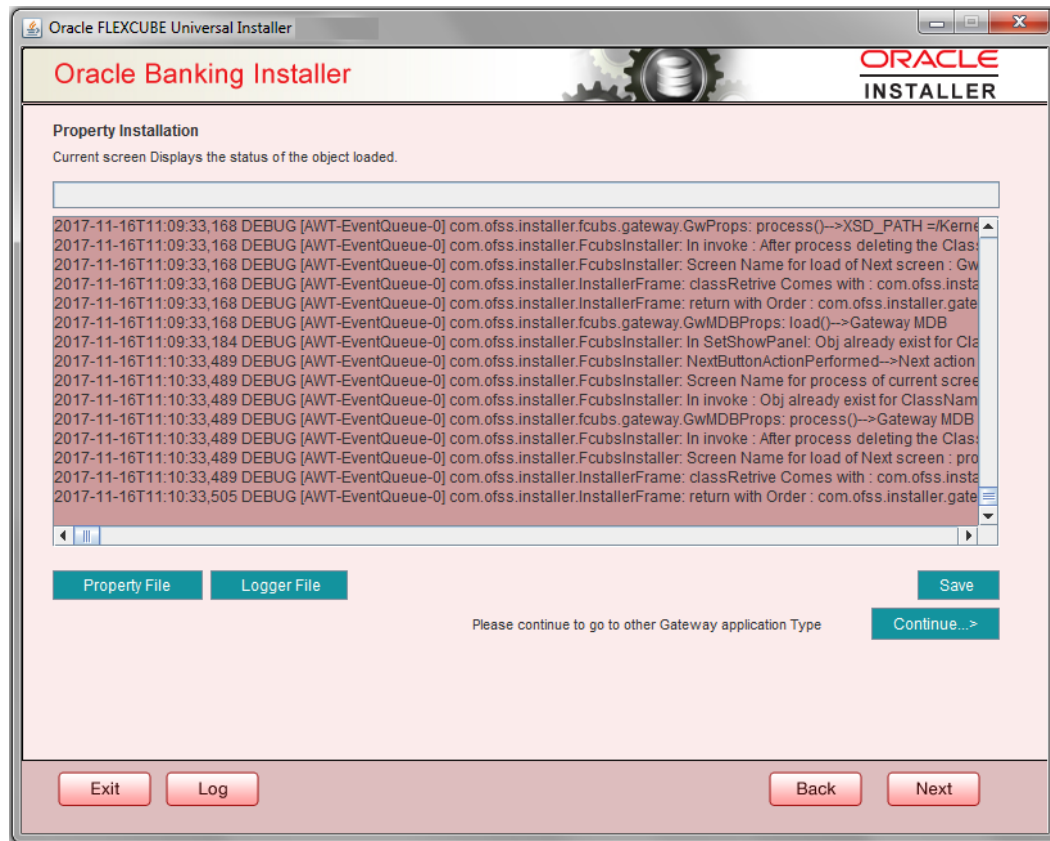


If the Application type is 'INDIVIDUAL' then the EJB look up type should be select as 'REMOTE' and EJB should configure in any server. ('REMOTE' only works with combination of EJB & GWWS )



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.

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

The property file will be created in a temporary folder.

18. 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

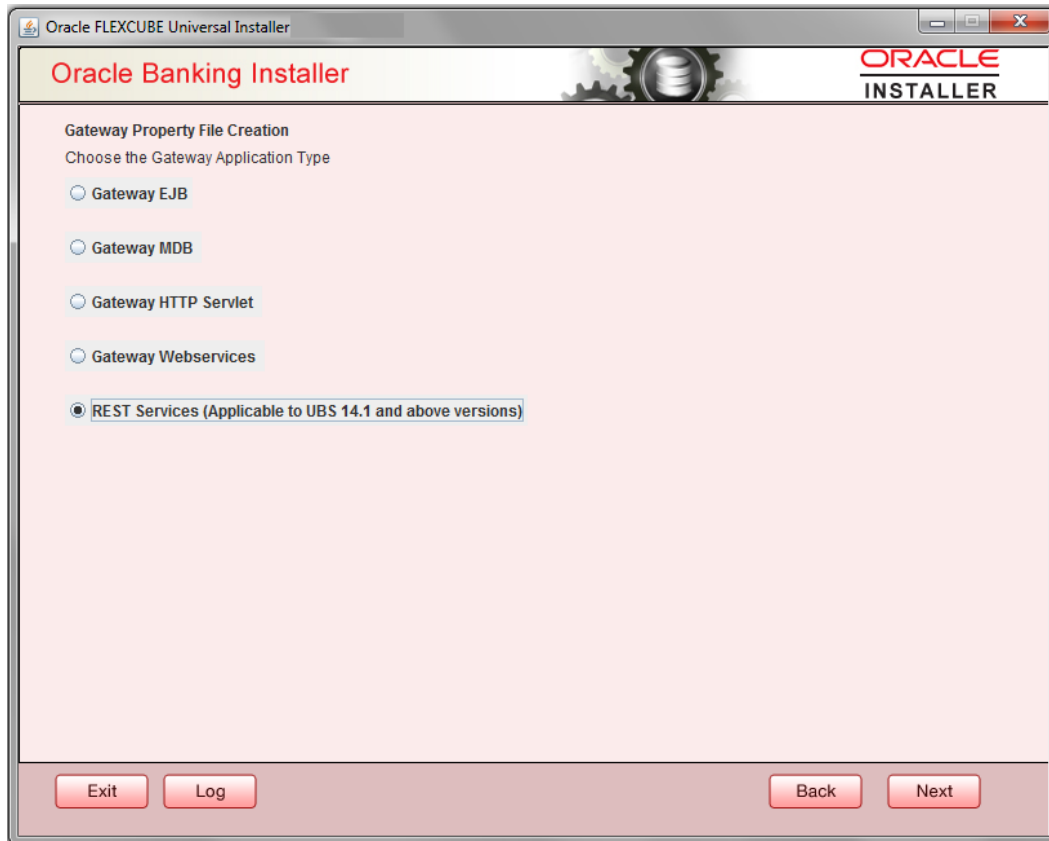


For Gateway EAR Building refer 'FCUBS\_EAR\_Building.docx'

## 1.2.5 REST Services Application

Follow the steps given below:

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



2. Click 'Next'. The following screen is displayed to capture Schema details. Enter valid username, password, IP Address, port and TNS descriptor and click on "Test Connection" button.

Oracle FLEXCUBE Universal Installer 12.5.0.0.0

## Oracle Banking Installer

ORACLE  
INSTALLER

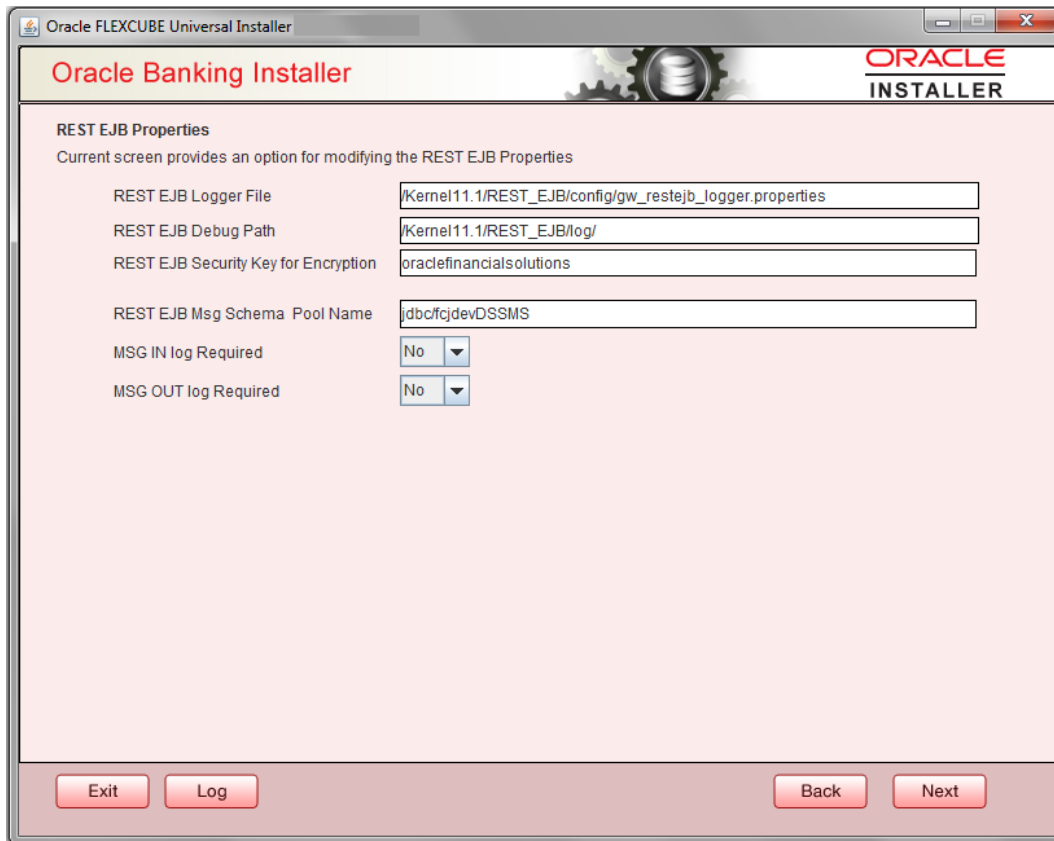
SMS Schema Details

Name	Value
Username	installer
Password	*****
Service Name	testdb
IP Address	10.10.10.10
Port	1521
TNS Connect Descriptor	testdb

Test Connection

Exit Log Back Next

- Successful test connection will enable Next button. Click on it o proceed to next page.



In above page,

Enter the below REST EJB details:

**REST EJB Logger File**

Enter logger property file path.

**REST EJB Debug Path**

Enter path where debugs are to be written.

**REST EJB Security Key for Encryption**

Specify the security key for the Encryption. In this case it is 'oraclefinancialsolutions'.

**REST EJB Msg Schema Pool Name**

Enter valid pool name. by default it is : jdbcfcjdevDSSMS

**MSG IN LOG Required**

Choose Yes/No from drop down box

## MSG OUT LOG Required

Choose Yes/No from drop down box

4. Click on Next Button to enter REST Services information.

The screenshot shows the 'Oracle Banking Installer' window with the title 'Oracle FLEXCUBE Universal Installer 12.5.0.0.0'. The main heading is 'Oracle Banking Installer'. Below it, the section is 'RESTServices Properties'. A note states: 'Current screen provides an option for modifying the REST Services Properties'. The form contains the following fields and values:

Field	Value
REST Services Logger File	/Kernel11.1/RESTServices/config/gw_rest_logger.properties
REST Services Debug Path	/Kernel11.1/RESTServices/log/
REST Services Security Key for Encryption	oraclefinancialsolutions
REST Services Msg Schema Pool Name	jdbcfjdevDSSMS
Authentication Scheme	FLEXCUBE
REST Client ID	oracle
REST Client Secret	CustomerServer
Access Token URL	http://10.184.132.161:14100/ms_oauth/oauth2/endpoints/oauthservice/tokens

Below this section is the 'REST EJB Details' section with the following fields and values:

Field	Value
CTX Factory	weblogic.jndi.WLInitialContextFactory
Provider URL	t3://localhost:7030
Security Principal	weblogic
Security Credentials	.....
JNDI Name	GWRestEJB#com.ofss.fcc.gw.rest.GWRestRemote

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

This Screen captures below properties:

### REST Services Logger File

Enter logger property file path.

### REST Services Debug Path

Enter path where debugs are to be written.

### REST Services Security Key for Encryption

Specify the security key for the Encryption. In this case it is 'oraclefinancialsolutions'.

### REST Services Msg Schema Pool Name

Enter valid pool name. by default it is : jdbcfjdevDSSMS

### Authentication Scheme:

OAUTH and FLEXCUBE are two types of Authentication Schemes available.

Please note, for FLEXCUBE authentication Scheme, REST Client ID, REST Client Secret, Access Token URL are disabled.

The same has to be entered if AOUTH is selected.

### CTX factory

Provide valid CTX factory information.

### Provider URL

Enter URL with valid port number.

### Security Principal

Provide Security principal username.

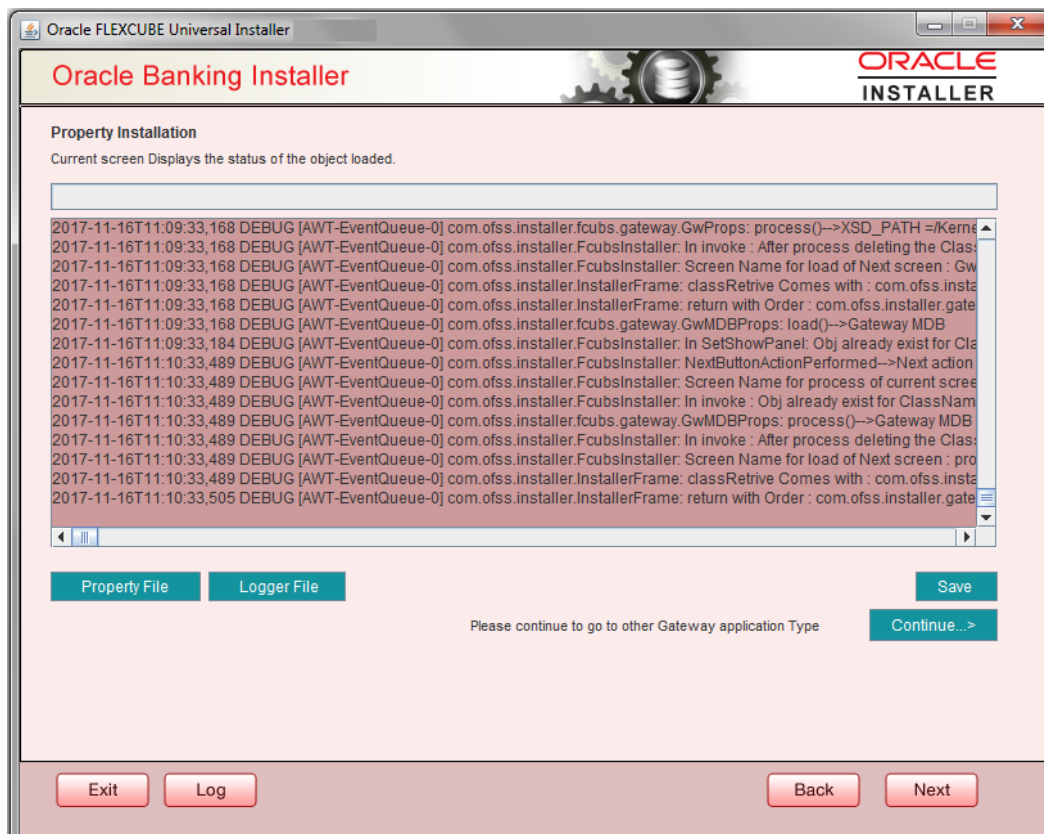
### Security Credentials

Provide Security principal password.

### JNDI Name

JNDI Name will be defaulted based on application server selected.

Click on Next button.





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

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

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

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

The property file will be created in a temporary folder



GATEWAY Property File Creation  
[November] [2021]  
Version 14.5.3.0.0

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