Oracle® Database Common Core - Gateway User Guide





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Preface

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Purpose

This manual is designed to get acquainted with the Integration Gateway of Oracle FLEXCUBE Universal Banking. It provides an overview to the module, and provides information on using the Integration Gateway module of Oracle FLEXCUBE Universal Banking. Access information specific to a particular field by placing the cursor on the relevant field and striking **F1** on the keyboard.

Audience

Table Audience

Role	Function
Back office clerk	Input functions for contracts
Back office managers/officers	Authorization functions
Product Managers	Product definition and authorization
End of Day operators	Processing during End of Day/Beginning of Day
Financial Controller/Product Managers	Generation of reports

Documentation Accessibility

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Access to Oracle Support

Oracle customer access to and use of Oracle support services will be pursuant to the terms and conditions specified in their Oracle order for the applicable services.



Critical Patches

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

Diversity and Inclusion

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

Related Documents

Refer to the following documents for more information:

- 1. Procedures User Guide
- 2. Products User Guide

Conventions

The following text conventions are used in this document:

Table Conventions

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
italic	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

Screenshot Disclaimer

Personal information used in the interface or documents is dummy and does not exist in the real world. It is only for reference purposes.



Acronyms and Abbreviations

Table Abbreviation

Abbreviation	Description
POSTEOPD	Post End of Previous Day
MARKEOPD	Mark End of Previous Day
MARKTI	Mark Transaction Input
POSTEOBOD	Post End of Beginning of Day
MARKBOD	Mark Beginning of Day
MARKEOD Mark End of Day	
POSTEOED	Post End of End of Day
MARKEOFI	Mark End of Financial Input
POSTEOFI	Post End of Financial Input
MARKEOTI	Mark End of Transaction Input
POSTEOTI	Post End of Transaction Input
TI	Transaction Input
EOC	End of Cycle
BOD	Beginning of Day
EOD	End of Day
EOPD	End of Previous Day
FI	Financial Input
EOTI	End of Transaction Input

Basic Actions

Table Basic Actions

Action	Description	
Approve	Used to approve the initiated report. This button is displayed, once the user click Authorize .	
Audit	Used to view the maker details, checker details, and report status.	
Authorize	Used to authorize the report created. A maker of the screen is not allowed to authorize the report. Only a checker can authorize a report, created by a maker.	
Close	Used to close a record. This action is available only when a record is created.	
Confirm	Used to confirm the performed action.	
Cancel Used to cancel the performed action.		
Compare	Used to view the comparison through the field values of old record and the current record. This button is displayed in the widget, once the user click Authorize .	
Collapse All Used to hide the details in the sections. This button is displayed, once the user click Compare.		
Expand All	Used to expand and view all the details in the sections. This button is displayed, once the user click Compare .	



Table (Cont.) Basic Actions

Action	Description	
New	Used to add a new record. When the user click New , the system displays a new record enabling to specify the required data.	
ок	Used to confirm the details in the screen.	
Save Used to save the details entered or selected in the screen.		
View	Used to view the report details in a particular modification stage. This button is displayed in the widget, once the user click Authorize .	
View Difference only	Used to view a comparison through the field element values of old record and the current record, which has undergone changes. This button is displayed, once the user click Compare .	
Unlock	Used to update the details of an existing record. System displays an existing record in editable mode.	

Symbols and Icons

The following symbols and icons are used in the screens.

Table Symbols and Icons - Common

Symbol/Icon	Function
J L	Minimize
	Maximize
×	Close
Q	Perform Search
•	Open a list



Table (Cont.) Symbols and Icons - Common

Symbol/Icon	Function
+	Add a new record
K	Navigate to the first record
>	Navigate to the last record
4	Navigate to the previous record
•	Navigate to the next record
## ##	Grid view
=	List view
G	Refresh
+	Click this icon to add a new row.

Table (Cont.) Symbols and Icons - Common

Symbol/Icon	Function
	Click this icon to delete an existing row.
₽	Click to view the created record.
E	Click to modify the fields.
:	Click to unlock, delete, authorize or view the created record.

Table Symbols and Icons - Audit Details

Symbol/Icon	Function
0	A user
⊞	Date and time
A	Unauthorized or Closed status
0	Authorized or Open status

Table Symbols and Icons - Widget

Symbol/Icon	Function
6	Open status
	Unauthorized status
6	Closed status
	Authorized status

Prerequisite

Specify the User ID and Password, and login to Home screen.

1

Overview of Gateway Functions

Introduction

Integration of different applications and solutions is a key area in today's systems. A variety of specialized applications deployed on disparate platforms and using different infrastructures need to be able to communicate and integrate seamlessly with Oracle FLEXCUBE Universal Banking in order to exchange data. The Oracle FLEXCUBE Universal Banking Integration Gateway (referred to as **Gateway** in the rest of the document) will cater to these integration needs.

The integration that needs to be supported by the Gateway can be broadly categorized from the perspective of the Gateway as follows:

- Inbound Application Integration Used when any external system needs to add, modify or query information within Oracle FLEXCUBE Universal Banking.
- Outbound Application Integration Used when any external system needs to be notified
 of the various events that occur within Oracle FLEXCUBE Universal Banking.

Inbound Application Integration

Oracle FLEXCUBE Universal Banking Inbound Application Gateway provides XML-based interfaces thus enhancing the need to communicate and integrate with the external systems. The data exchanged between Oracle FLEXCUBE Universal Banking and the external systems will be in the form of XML messages. These XML messages are defined in Oracle FLEXCUBE Universal Banking in the form of XML Schema Documents (XSD) are referred to as **FCUBS Formats**.

For more information on FCUBS formats refer to the topic #unique 25.

FCUBS Inbound Application Integration Gateway uses the Synchronous and Asynchronous Deployment Pattern for addressing the integration needs. The Synchronous Deployment Pattern is classified into the following:

- Oracle FLEXCUBE Universal Banking EJB Based Synchronous Inbound Application Integration Deployment Pattern
- Oracle FLEXCUBE Universal Banking Web Services Based Synchronous Inbound Application Integration Deployment Pattern
- Oracle FLEXCUBE Universal Banking HTTP Servlet Based Synchronous Inbound Application Integration Deployment Pattern

Asynchronous Deployment Pattern is:

 Oracle FLEXCUBE Universal Banking MDB Based Asynchronous Inbound Application Integration Deployment Patten

This topic contains the following sub-topics:

- 1. #unique 26
- #unique_27
- 3. #unique 28
- 4. #unique_29



Outbound Application Integration

The Outbound Application Integration is also called the Oracle FLEXCUBE Universal Banking Notify Application Integration layer. This application layer sends out notification messages to the external system whenever events occur in Oracle FLEXCUBE Universal Banking.

The notification messages generated by FCUBS on the occurrence of these events will be XML messages. These XML messages are defined in FCUBS in the form of XML Schema Documents (XSD) and are referred to as **FCUBS Formats**. For more information on FCUBS formats refer to the topic #unique_30.

Responsibilities of Integration Gateway

The primary responsibilities of Oracle FLEXCUBE Universal Banking Integration Gateway include the following:

- Authentication
- Duplicate recognition
- Validation
- Routing
- Logging of messages

Deployment of Oracle FLEXCUBE Integration Gateway

Message communication - incoming or outgoing from/to an external system in Oracle FLEXCUBE Universal Banking will happen only through an Oracle FLEXCUBE Universal Banking Integration Gateway. Hence, it becomes the first point of contact or last point of contact with the database in message flow. The Oracle FLEXCUBE Universal Banking Integration Gateway can be deployed to support both the distributed and single schema deployments of Oracle FLEXCUBE Universal Banking:

- Distributed deployment of Oracle FLEXCUBE Universal Banking In this situation the database components of the Gateway is deployed as two or more schemas.
 - The messaging schema as part of SMS schema in the SMS and/or HO instance
 - The business schema(s) in the various branch schemas in the branch instance(s)
- Single schema deployment of Oracle FLEXCUBE Universal Banking In this situation the database components of the Gateway (messaging and business) are both deployed as part of the single Oracle FLEXCUBE Universal Banking schema.

Deployment Patterns for Application Integration

Table 1-1 Deployment Patterns for Application Integration

Business Integration Needs	Nature of Integration	Oracle FLEXCUBE Universal Banking Deployment Pattern	Remarks
Inbound Transactions into Oracle FLEXCUBE Universal Banking	Synchronous	FLEXCUBE UBS EJB	Recommended



Table 1-1 (Cont.) Deployment Patterns for Application Integration

Business Integration Needs	Nature of Integration	Oracle FLEXCUBE Universal Banking	Remarks
		Deployment Pattern	
Inbound Transactions into Oracle FLEXCUBE Universal Banking	Synchronous	FLEXCUBE UBS HTTP Servlet	This can be used if the external system cannot communicate to Oracle FLEXCUBE Universal Banking using EJB.
Inbound Transactions into Oracle FLEXCUBE Universal Banking	Synchronous	FLEXCUBE UBS Web Services	This can be used if the external system chooses to communicate only through Web Services.
Inbound Transactions into Oracle FLEXCUBE Universal Banking	Asynchronous	FLEXCUBE UBS MDB	This can be used if the external system chooses to communicate only through JMS queues.
Inbound Queries into Oracle FLEXCUBE Universal Banking	Synchronous	FLEXCUBE UBS EJB	Recommended
Inbound Queries into Oracle FLEXCUBE Universal Banking	Synchronous	FLEXCUBE UBS In Servlet	This can be used if the external system cannot communicate to Oracle FLEXCUBE Universal Banking using EJB.
Inbound Queries into Oracle FLEXCUBE Universal Banking	Synchronous	FLEXCUBE UBS Web Services	This can be used if the external system chooses to communicate only through Web Services.
Inbound Queries into Oracle FLEXCUBE Universal Banking	Asynchronous	FLEXCUBE UBS MDB	This can be used if the external system chooses to communicate only through JMS queues.
Handoffs from Oracle FLEXCUBE Universal Banking	Asynchronous	FLEXCUBE UBS Notify	Recommended

- EJB Based Synchronous Deployment Pattern
 This topic describes the EJB-based synchronous deployment pattern.
- Web Services Based Synchronous Deployment Pattern
 This topic describes the web services-based synchronous deployment pattern.
- HTTP Servlet Based Synchronous Deployment Pattern
 This topic describes the HTTP servlet-based synchronous deployment pattern.
- MDB Based Asynchronous Deployment Pattern
 This topic describes the MDB-based synchronous deployment pattern.

1.1 EJB Based Synchronous Deployment Pattern

This topic describes the EJB-based synchronous deployment pattern.

The Enterprise Java Beans (EJB) deployment pattern will be used in integration scenarios where the external system connecting to Oracle FLEXCUBE Universal Banking is **EJB**

literate, that is, the external system is capable of interacting with Oracle FLEXCUBE Universal Banking based upon the EJB interface. In this deployment pattern, the external system will use the RMI/IIOP protocol to communicate with the Oracle FLEXCUBE Universal Banking EJB.

In this deployment pattern, the EJB displayed by Oracle FLEXCUBE Universal Banking will be a stateless session bean. The actual request will be in the form of an XML message. After the necessary processing is done in Oracle FLEXCUBE Universal Banking based on the request, the response is returned to the external system as an XML message. The transaction control for the processing will stay with the Oracle FLEXCUBE Universal Banking EJB.

1.2 Web Services Based Synchronous Deployment Pattern

This topic describes the web services-based synchronous deployment pattern.

The web services deployment pattern will be used in integration scenarios where the external system connecting to Oracle FLEXCUBE Universal Banking wants to connect using standards-based, interoperable web services.

This deployment pattern is especially applicable to systems that meet the following broad guidelines:

- The systems that are not EJB literate are not capable of establishing connections with Oracle FLEXCUBE Universal Banking based on the EJB interface; and/or
- The systems that prefer to use a standards-based approach

In this deployment pattern, the external system will use the SOAP (Simple Object Access Protocol) messages to communicate to the Oracle FLEXCUBE Universal Banking web services.

The services displayed by Oracle FLEXCUBE Universal Banking are of a **Message-based** style, the actual request will be in the form of an XML message, but the request will be a **Payload** within the SOAP message. After the necessary processing is done in Oracle FLEXCUBE Universal Banking based on the request, the response is returned to the external system as an XML message which will be a **Payload** within the response SOAP message. The transaction control for the processing will stay with the Oracle FLEXCUBE Universal Banking.

1.3 HTTP Servlet Based Synchronous Deployment Pattern

This topic describes the HTTP servlet-based synchronous deployment pattern.

The HTTP servlet deployment pattern will be used in integration scenarios where the external system connecting to Oracle FLEXCUBE Universal Banking wants to connect to Oracle FLEXCUBE Universal Banking using simple HTTP messages.

This is especially applicable to systems such as the following:

- The systems that are not EJB literate are not capable of establishing connections with Oracle FLEXCUBE Universal Banking based upon the EJB interface. And/or
- The systems that prefer to use a simple HTTP message-based approach without wanting to use SOAP as the standard

In this deployment pattern, the external system will make an HTTP request to the Oracle FLEXCUBE Universal Banking servlet.

For this deployment pattern, Oracle FLEXCUBE Universal Banking will display a single servlet. The actual request will be in the form of an XML message. This XML message is embedded into the body of the HTTP request sent to the Oracle FLEXCUBE Universal Banking servlet. After the necessary processing is done in Oracle FLEXCUBE Universal Banking based on the



request, the response is returned to the external system as an XML message which is once again embedded within the body of the response HTTP message. The transaction control for the processing will stay with the Oracle FLEXCUBE Universal Banking.

1.4 MDB Based Asynchronous Deployment Pattern

This topic describes the MDB-based synchronous deployment pattern.

The MDB deployment pattern is used in integration scenarios where the external system connecting to Oracle FLEXCUBE Universal Banking wants to connect to Oracle FLEXCUBE Universal Banking using JMS queues.

This is especially applicable to systems such as the following:

 The systems that prefer to use the JMS queues-based approach without wanting to wait for the reply

Here external system sends messages in XML format to request a queue on which an MDB is listening. When a message arrives in the queue, it is picked up for processing. After the necessary processing is done in Oracle FLEXCUBE Universal Banking, based on the request, the response is sent to the response queue as an XML message.



Gateway Maintenance

This topic lists out subtopics available under Gateway Maintenance.

External System

This External System section contains the following topics:

- **1.** #unique_36
- 2. #unique_37

Access Rights to an External System

This Access Rights to an External System section contains the following topics:

- #unique 38
- 2. #unique_39

Upload Source Definition

This Upload Source Definition section contains the following topics:

- #unique_40
- 2. #unique 41

Gateway Maintenance

This Gateway Maintenance section contains the #unique_42 topic.

Incoming Message Browser

This Incoming Message Browser section contains the following topics:

- #unique 25
- **2.** #unique_43

Outgoing Message Browser

This Outgoing Message Browser section contains the following topics:

- **1.** #unique_30
- **2.** #unique_44

Amendment Maintenance

The Amendment Maintenance section contains the #unique_45 topic.

- Maintain External System
 - This topic explains systematic instructions to define and maintain an external system that communicates with the Oracle FLEXCUBE Universal Banking integration gateway.
- Process External System Details

This topic explains systematic instructions to process external system details.

Define Access Rights to an External System

This topic explains systematic instructions to define access rights to an external system.

Process External System Function Details

This topic explains systematic instructions to process external system function details.

Maintain Upload Source Details

This topic explains systematic instructions to maintain upload source details.

Maintain Upload Source Preferences

This topic explains systematic instructions to maintain the upload source preferences.

Maintain Gateway Details

This topic explains systematic instructions to maintain gateway details.

Process Incoming Message Browser Detailed Screen

This topic explains systematic instructions to process the **Incoming Message Browser - Detail** screen.

Process Incoming Message Details

This topic explains systematic instructions to process incoming message details.

Process Outgoing Message Browser Detailed Screen

This topic explains systematic instructions to process **Outgoing Message Browser** screen.

Process Outgoing Message Browser

This topic explains systematic instructions to process outgoing message details.

Maintain Gateway Amendment Details

This topic explains systematic instructions to maintain gateway amendment details.

2.1 Maintain External System

This topic explains systematic instructions to define and maintain an external system that communicates with the Oracle FLEXCUBE Universal Banking integration gateway.



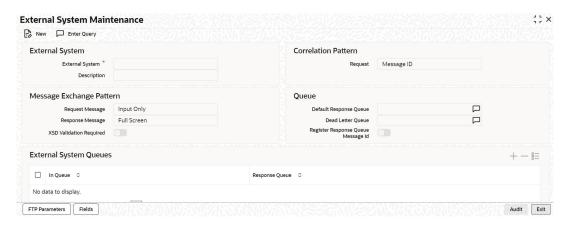
The fields which are marked in asterisk are mandatory.

1. On **Homescreen**, type **GWDETSYS** in the text box, and click **Next**.

The External System Maintenance screen displays.



Figure 2-1 External System Maintenance



2. On the External System Maintenance screen, specify the fields.

For more information on fields, refer to the field description table.

Table 2-1 External System Maintenance - Field Description

Field	Description
External System	Specify an External System.
Description	Specify the description of the external system.
Request	Select an appropriate request option from the drop-down list: • Message ID • Correlation ID
Request Message	Select an appropriate request message option from the drop-down list: Input Only Full Screen
Response Message	Select an appropriate response message option from the drop-down list: Full Screen Primary Key
XSD Validation Required	Check this box if XSD validation is required.
Default Response Queue	Type a default response in the text box.
Dead Letter Queue	Type a dead letter queue in the text box.
Register Response Queue Message ID	Check this box to register the response queue message ID.
In Queue	Type input queue details in the text box.
Response Queue	Type response queue details in the text box.

3. Click FTP Parameters to view the FTP parameters of an external system.

The system displays the following FTP parameters for an external system mentioned in the **External System Maintenance** screen:

- External System
- IP Address
- Port
- User Name
- Password



4. Click Exit to end the transaction.

2.2 Process External System Details

This topic explains systematic instructions to process external system details.

The details of previously defined external systems can be viewed using the **External System Summary** screen.

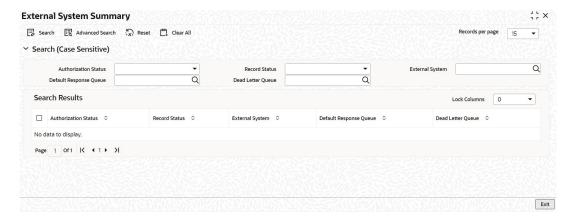


The fields which are marked in asterisk are mandatory.

On the Homescreen, type GWSETSYS in the text box, and click Next.

The External System Summary screen displays.

Figure 2-2 External System Summary



2. On the **External System Summary** screen, specify the fields.

For more information on fields, refer to the field description table.

Table 2-2 External System Summary - Field Description

Field	Description
Authorization Status	Select the authorization status from the drop-down list: • Authorized • Unauthorized • Rejected
Record Status	Select the record status from the drop-down list: Open Closed
External System	Click Search and specify the external system from the list of values.
Default Response Queue	Click Search and specify the default response queue from the list of values.
Dead Letter Queue	Specify the dead letter queue from the list of values.

3. On specifying the search parameters, click Search.



The system displays the records that match the search criteria for the following:

- Authorization Status
- Record Status
- External System
- Dead Letter Queue
- Default Response Queue
- 4. Click Advanced to specify queries with logical operators such as AND, OR, and NOT.
- 5. Click **Reset** to empty the values in the criteria fields, so that a new search can begin.
- Click Refresh to refresh the list of results.
- Click Query after specifying the details to view the list of results that match the search criteria.
- 8. Click Exit to close the screen.

2.3 Define Access Rights to an External System

This topic explains systematic instructions to define access rights to an external system.



The fields which are marked in asterisk are mandatory.

1. On Homescreen, type GWDETFUN in the text box, and click Next.

The External System Functions screen displays.

Figure 2-3 External System Functions



2. On the External System Functions screen, specify the fields.

For more information on fields, refer to the field description table.



Field	Description
External System	Select an external system which wants to provide access rights. The adjoining list of values displays all the external systems that are maintained in the External Systems - Detailed screen.
Description	The system displays the description of the selected External System .
Function ID	Select a Function ID from the list of values. The function IDs are processed from Gateway Functions.
Action	Select an action for the external system from the list of values.
Service Name	The system displays the Service Name based on the Function ID and Action fields.
Operation Code	The system displays the Operation Code based on the Function ID and Action fields.
Bulk SMS Check	Check this box for bulk SMS checks.

Table 2-3 External System Functions - Field Description

3. Click Exit to end the transaction.

2.4 Process External System Function Details

This topic explains systematic instructions to process external system function details.

The user can view the access rights details which have already been defined using the **External System Function Summary** screen.

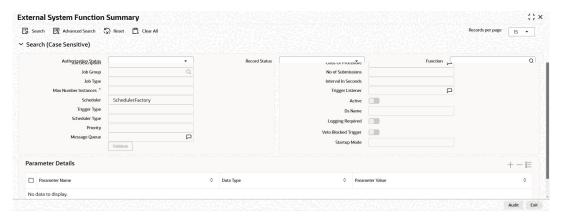


The fields which are marked in asterisk are mandatory.

On the Homescreen, type GWSETFUN in the text box, and click Next.

The External System Function Summary screen displays.

Figure 2-4 External System Function Summary



On the External System Function Summary screen, specify the fields.

For more information on fields, refer to the field description table.

Table 2-4 External System Function Summary - Field Description

Field	Description
Authorization Status	Select the authorization status from the drop-down list: • Authorized • Unauthorized • Rejected
Record Status	Select the record status from the drop-down list: Open Closed
External System	Specify the external system from the list of values.
Function	Specify the function from the list of values.
Action	Specify the action from the list of values.

3. On specifying the search parameters, click **Search**.

The system displays the records that match the search criteria for the following:

- Authorization Status
- Record Status
- External System
- Function
- Action
- 4. Click **Advanced** to specify queries with logical operators such as **AND**, **OR**, and **NOT**.
- 5. Click **Reset** to empty the values in the criteria fields, so that a new search can begin.
- Click Refresh to refresh the list of results.
- Click Query after specifying the search details to view the list of results that match the search criteria.
- 8. Click Exit to close the transaction.

2.5 Maintain Upload Source Details

This topic explains systematic instructions to maintain upload source details.

Oracle FLEXCUBE Universal Banking facilitates upload of data from an external source. The details of the source from which data has to be uploaded need to be maintained in Oracle FLEXCUBE Universal Banking using the **Upload Source Maintenance** screen.



The fields which are marked in asterisk are mandatory.

On Homescreen, type CODSORCE in the text box, and click Next.

The **Upload Source Maintenance** screen displays.



Figure 2-5 Upload Source Maintenance



2. On the **Upload Source Maintenance** screen, specify the fields.

For more information on fields, refer to the field description table.

Table 2-5 Upload Source Maintenance - Field Description

Field	Description
Source Code	Specify a code for the source from which data has to be uploaded to Oracle FLEXCUBE Universal Banking.
Source Description	Type a description of the source code specified.
Base Data From FLEXCUBE	Check this box to indicate if base data has to be uploaded from Oracle FLEXCUBE Universal Banking.
System Authorization Required	Check this box to indicate if system authorization is required.

3. Click Exit to end the transaction.

2.6 Maintain Upload Source Preferences

This topic explains systematic instructions to maintain the upload source preferences.

Through the **Upload Source Preferences Maintenance** screen, set preferences for the upload of data from an external source.

1. On Homescreen, type CODUPLDM in the text box, and click Next.

The Upload Source Preferences Maintenance screen displays.

Figure 2-6 Upload Source Preferences Maintenance



2. On the Upload Source Preferences Maintenance screen, specify the fields.



The fields, which are marked with an asterisk, are mandatory.

For more information on fields, refer to the field description table.

Table 2-6 Upload Source Preferences Maintenance - Field Description

Field	Description
Source Code	Select the source code from the list of values. Depending on the selected source code, data is uploaded from that source into the Oracle FLEXCUBE Universal Banking.
Module Code	Choose to upload data from a source directly onto a module in Oracle FLEXCUBE Universal Banking. Indicate the module into which wants to upload data from a given source.
On Override	Oracle FLEXCUBE Universal Banking generates override messages in case it encounters any discrepancies during data upload. Select the override from the drop-down list. The list displays the following values: • Ignore - Select this option to ignore such error messages and continue with the upload process. • Put on Hold - Select this option to put the record on hold for user intervention later. • Reject - Select this option to reject the record.
On Error	In case a serious error occurs during data upload, Oracle FLEXCUBE Universal Banking generates an error message. The user can choose to put the record with the error on hold. In such a case, choose Put on Hold from the list of options available. To reject the record altogether, choose Reject .
Status	Select the status from the drop-down list: Authorized - Select this option to automatically authorize the data that is uploaded into Oracle FLEXCUBE Universal Banking. Put on Hold - Select this option to put records on hold. Unauthorized - Select this option to unauthorize the record. In this case, records will not be authorize automatically on upload, user has to manually authorize the data.



Table 2-6 (Cont.) Upload Source Preferences Maintenance - Field Description

Field	Description
Purge Days	Specify the days maintained for purging of the data uploaded.
Allow Deferred Processing	Check this box to defer the processing of amendment and cancellation uploads.
Allow EOD with Deferred	Check this box to proceed even if the records exist in the deferred processing log. If it is unchecked, then the EOD process halts until the deferred process log is cleared.
Deletion Allowed	Check this box to delete the process log.

3. Click Exit to end the transaction.

2.7 Maintain Gateway Details

This topic explains systematic instructions to maintain gateway details.

Through the **Gateway Maintenance** screen, maintain the basis for the creation of MT tasks for the Gateway message.



The fields which are marked in asterisk are mandatory.

On Homescreen, type STDGWINT in the text box, and click Next.

The Gateway Maintenance screen displays.

Figure 2-7 Gateway Maintenance



2. On the **Gateway Maintenance** screen, specify the fields.

For more information on fields, refer to the field description table.

Table 2-7 Gateway Maintenance - Field Description

Field	Description
Branch Code	Click Search and specify the branch code of the bank from the adjoining list of values.
External System	Click Search and specify the name of the external system from the adjoining list of values.
Module Code	Click Search and specify the module name from the adjoining list of values.
Service Name	Click Search and specify the service name of the module selected from the adjoining list of values.
Operation Code	Click Search and specify the operation code of the service from the adjoining list of values.
Effective Date	Specify the date from which the gateway message maintenance becomes effective. Effective Date must be equal to or greater than the application date.
Task Initiation Required	Check this box if task initiation is required.

3. Click **Exit** to end the transaction.

2.8 Process Incoming Message Browser Detailed Screen

This topic explains systematic instructions to process the **Incoming Message Browser - Detail** screen.



The fields which are marked in asterisk are mandatory.

1. On Homescreen, type GWDINBRW in the text box, and click Next.

The Incoming Message Browser - Detail screen displays.

Figure 2-8 Incoming Message Browser – Detail



2. Click Enter Query.

The Incoming Message Browser - Detail screen displays in the editable format.

3. On the **Incoming Message Browser - Detail** screen, specify the fields.

For more information on fields, refer to the field description table.

Table 2-8 Incoming Message Browser - Detail - Field Description

Field	Description
Message Reference	Type the message reference number of the incoming message and click Execute Query .
Message ID	The system displays the identification number of the message.
Message Status	The system displays the status of the message.
Operation Code	The system displays the code of the operation.
FLEXCUBE Reference	The system displays the Oracle FLEXCUBE Universal Banking reference number.
Their User ID	The system displays the Their User ID .
Queue Name	The system displays the Queue Name .
Request Queue Message ID	The system displays the Request Queue Message ID.
External System	The system displays the External System.
Correlation ID	The system displays the Correlation ID.
Service Name	The system displays the Service Name .
Branch	The system displays the Branch .
User ID	The system displays the User ID .
Branch Date	The system displays the Branch Date .
Server Date Stamp	The system displays the Server Date Stamp .
Repair Reason	The system displays the Repair Reason.

This screen displays the details of the messages received from the external systems.

- 4. Click **Text View** to view the incoming messages in text format.
- Click XML View to view the Gateway Browser Window screen which displays the messages in XML format.
- 6. Click Exit to end the transaction.

2.9 Process Incoming Message Details

This topic explains systematic instructions to process incoming message details.

The summary of all messages received from the external system can be viewed using the **Incoming Message Browser** screen.

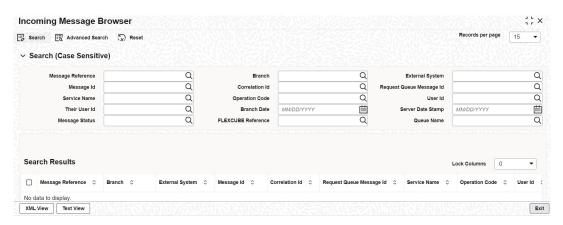


The fields which are marked in asterisk are mandatory.

1. On Homescreen, type GWSINBRW in the text box, and click Next.

The Incoming Message Browser screen displays.

Figure 2-9 Incoming Message Browser



On the Incoming Message Browser screen, specify the fields.

For more information on fields, refer to the field description table.

Table 2-9 Incoming Message Browser - Field Description

Field	Description
Message Reference	Click Search and specify the Message Reference.
Branch	Click Search and specify the Branch.
External System	Click Search and specify the External System.
Message ID	Click Search and specify the Message ID.
Correlation ID	Click Search and specify the Correlation ID.
Request Queue Message ID	Click Search and specify the Request Queue Message ID.
Service Name	Click Search and specify the Service Name.
Operation Code	Click Search and specify the Operation Code.
User ID	Click Search and specify the User ID.
Their User ID	Click Search and specify the Their User ID .
Branch Date	Click Calendar and select the Branch Date.
Server Date Stamp	Click Calendar and select the Server Date Stamp.
Message Status	Click Search and specify the Message Status.
FLEXCUBE Reference	Click Search and specify the Oracle FLEXCUBE Universal Banking reference number.

3. Click **Search** after specifying the search parameters.

The system displays the records that match the search criteria for the following:

- Message Reference
- Branch
- External System
- Message ID
- Correlation ID
- Request Queue Message ID
- Service Name
- Operation Code



- User Id
- Their User ID
- Branch Date
- Server Date Stamp
- Message Status
- FLEXCUBE Reference
- Queue Name
- 4. Click Advanced to specify queries with logical operators such as AND, OR, and NOT.
- Click Reset to empty the values in the criteria fields, so that a new search can begin.
- Click Query after specifying search details to view the list of results that match the search criteria.
- Click Refresh to refresh the list of results.
- Click Exit to end the transaction.

2.10 Process Outgoing Message Browser Detailed Screen

This topic explains systematic instructions to process **Outgoing Message Browser** screen.

Once the incoming messages are processed, a response message is sent to external systems along with the status of processed messages. The **Outgoing Message Browser** screen displays response messages.



The fields which are marked in asterisk are mandatory.

1. On Homescreen, type GWDOTBRW in the text box, and click Next.

The Outgoing Message Browser screen displays.

Figure 2-10 Outgoing Message Browser



2. Click Enter Query.

The **Outgoing Message Browser** screen displays in the editable format.



3. On the Outgoing Message Browser screen, specify the fields.

For more information on fields, refer to the field description table.

Table 2-10 Outgoing Message Browser - Field Description

Field	Description
Message Reference	Type the message reference number of the outgoing message and click Execute Query .
Message ID	The system displays the identification number of the message.
Message Status	The system displays the status of the message.
Operation Code	The system displays the code of the operation.
FLEXCUBE Reference	The system displays the Oracle FLEXCUBE Universal Banking reference number.
Their User ID	The system displays the Their User ID .
Response Queue Message ID	The system displays the Response Queue Message ID .
Queue Name	The system displays the Queue Name .
External System	The system displays the External System
Correlation ID	The system displays the Correlation ID.
Service Name	The system displays the Service Name .
Branch	The system displays the branch code.
User ID	The system displays the User ID .
Server Date Stamp	The system displays the Server Date Stamp .
Branch Date	The system displays the Branch Date .
Related Message Reference	The system displays the Related Message Reference .
Repair Reason	The system displays the Repair Reason .

The system displays the details of the messages sent to external systems.

- 4. Click **Text View** to view the response message in text format.
- 5. Click XML View to view the response messages in XML format.
- 6. Click Exit to end the transaction.

2.11 Process Outgoing Message Browser

This topic explains systematic instructions to process outgoing message details.



The fields which are marked in asterisk are mandatory.

1. On Homescreen, type GWSOTBRW in the text box, and click Next.

The Outgoing Message Browser screen displays.

Figure 2-11 Outgoing Message Browser



2. On the Outgoing Message Browser screen, specify the fields.

For more information on fields, refer to the field description table.

Table 2-11 Outgoing Message Browser - Field Description

Field	Description
Message Reference	Click Search and specify the Message Reference from the list of values.
Branch	Click Search and specify the branch code from the list of values.
Related Message Reference	Click Search and specify the related message reference from the list of values.
External System	Click Search and specify the external system from the list of values.
Service Name	Click Search and specify the service name from the list of values.
Operation Code	Click Search and specify the Operation Code from the list of values.
Message ID	Click Search and specify the Message ID from the list of values.
Correlation ID	Click Search and specify the Correlation ID from the list of values.
Response Queue Message ID	Click Search and specify the response queue message ID from the list of values.
User ID	Click Search and specify the user ID from the list of values.
Their User ID	Click Search and specify the Their User ID from the list of values.
Branch Date	Click Calendar and select the branch date.
Server Date Stamp	Click Calendar and select the server date stamp.
Message Status	Click Search and specify the message status from the list of values.

3. Click **Search** after specifying the search parameters.

The system displays the records that match the search criteria for the following:

- Message Reference
- Branch
- Related Message Reference
- External System
- Service Name
- Operation Code
- Message ID

- Correlation ID
- Response Queue Message ID
- User ID
- Their User ID
- Media
- Branch Date
- Server Date Stamp
- Message Status
- FLEXCUBE Reference
- 4. Click Advanced to specify queries with logical operators such as AND, OR, and NOT.
- 5. Click **Reset** to empty the values in the criteria fields, so that a new search can begin.
- Click Refresh to refresh the list of results.
- Click Exit to end the transaction.

2.12 Maintain Gateway Amendment Details

This topic explains systematic instructions to maintain gateway amendment details.

The user needs to identify the fields that can be amended by an external system, such as the Siebel CRM application. Every amendment request coming from a system has the following data:

- Service Name This is a broad-level grouping of similar operations within a module in Oracle FLEXCUBE Universal Banking. The service names are published by Oracle FLEXCUBE Universal Banking. For example, FCUBSCustomerAccountService. This service is exposed by the FCUBS Interface Gateway to do a permissible operation on a customer account.
- Operation Name This is the name of the operation that the external system wishes to
 perform within the service. These operations names are published by Oracle FLEXCUBE
 Universal Banking. For example, ModifyCustomer is for the modification of a customer.
- External Operation Name This is the specific area of operation that an external system is performing on its side within the broad context of the Oracle FLEXCUBE Universal Banking's amendment. In an external system, if the personal details of a customer are changed, this has a unique name by which it is identified within Oracle FLEXCUBE Universal Banking. Similarly, if the limits related details of a customer are modified, it also has a unique name.

Through the **Gateway Amendment Maintenance** screen, maintain a set of amendable fields, which can amend in Oracle FLEXCUBE Universal Banking whenever a request for the same is sent from an external system. Based on this maintenance, the amendment request is addressed by Oracle FLEXCUBE Universal Banking.

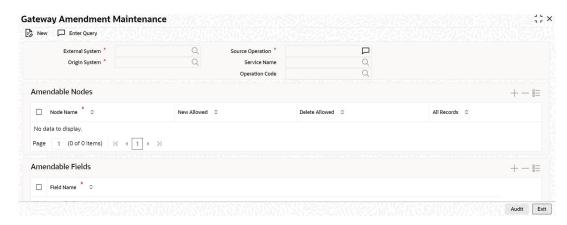


The fields which are marked in asterisk are mandatory.

1. On **Homescreen**, type **GWDAMDMT** in the text box, and click **Next**.

The Gateway Amendment Maintenance screen displays.

Figure 2-12 Gateway Amendment Maintenance



2. On the Gateway Amendment Maintenance screen, specify the fields.



For more information on fields, refer to the field description table.

Table 2-12 Gateway Amendment Maintenance - Field Description

Field	Description
External System	Specify the External System . Based on the maintenance here, only the fields that are selected as amendable can be modified if a request comes from the chosen external system.
	Note: The maintenance pertaining to external systems is factory shipped for the bank.
Origin System	Specify the origin system for which the amendment details are applicable. For Example, if there is a record that is created by a specific external system CRM , and the requirement is that, for records created by this specific external system, only a set of fields are modifiable then, specify Origin System as CRM and Oracle FLEXCUBE Universal Banking as the External System. This Origin System field is used to identify such requirements wherein the amendable fields can be different if the Origination and Modification of the record are of different external sources.
	Specify the Origin System with the same value as the External System for Non FP services. For FP module services, provide the value as Oracle FLEXCUBE Universal Banking and the respective External system can be specified in the External System field. This feature is made available only for the FP modules with source operation as PMDTRONL_MODIFY .



Table 2-12 (Cont.) Gateway Amendment Maintenance - Field Description

Field	Description
Source Operation	Specify the free format text (without spaces) which identifies the amendment. Note: The Source Operation is defaulted as (FUNCTIONID)_MODIFY. If the Source Operation is not sent from an external system, the function Id is derived from the Service and Operation combination.
Service Name	Specify the Service Name , this is a broad-level grouping of similar operations within a module in Oracle FLEXCUBE Universal Banking. The service names are published by Oracle FLEXCUBE Universal Banking. Note: The maintenance pertaining to service names is factory shipped for the bank.
Operation Code	Specify the Operation Code . This is the operation that the external system wishes to perform within the selected service. The operation names are published by Oracle FLEXCUBE Universal Banking. As an example, take Modify Customer , which is for the modification of a customer record. Each operation under different service names is identified by a unique code. Note: The maintenance pertaining to operation codes is factory shipped for the bank.
Node Name	Click Search and specify the node name from the list of values. The list displays all valid nodes maintained in the system.
New Allowed	Check this box if New Allowed is applicable.
Delete Allowed	Check this box if Delete Allowed is applicable.
All Records	Check this box if all records are applicable.
Field Name	Specify the Field Name.

3. Click **Exit** to end the transaction.

