Oracle® Database Common Core - Messaging User Guide





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Purpose

This manual is designed to get acquainted with the Common Core - Electronic Messaging Service module of Oracle FLEXCUBE Universal Banking. The module supports various types of media. Besides standard media modes like Mail, Telex and SWIFT, the user can also use other media types supported by the Media Control System (MCS) installed at the node at which the database of the branch is installed.

Oracle FLEXCUBE Universal Banking gives native support for media like Mail, Telex, and SWIFT using EMS as the MCS. Obtain 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

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Related Documents

Refer to the following documents for more information:

- Procedures User Guide
- Oracle FLEXCUBE Accessibility 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
7 F	
гэ	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
88	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
00	A user
□ o	Date and time
\triangle	Unauthorized or Closed status
⊘	Authorized or Open status

Table Symbols and Icons - Widget

Symbol/Icon	Function
<u>-</u>	Open status
	Unauthorized status
A	Closed status
	Authorized status

Prerequisite

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

1

EMS Maintenance

This topic provides an overview of the maintenance required on the Electronic Messaging System.

Message Media Control Maintenance

The messages that are sent from and delivered to the bank are transmitted and received over sources that are external to Oracle FLEXCUBE Universal Banking. These external sources are called Media Control Systems (MCS).

In a distributed environment, the database of a branch is located in a node or server. The MCS of the messages is also installed in a node. Thus, while defining an MCS, also indicate the node in which it is installed.

An MCS can handle only one media, hence the user needs to set up several media control systems for the various media types maintained for the bank. Apart from indicating the media type for an MCS, the user can indicate separate directories from which Oracle FLEXCUBE Universal Banking should read and write incoming and outgoing messages for a given media.

The user can maintain MCS details in the **Message Media Control Maintenance** screen. The details that are specified in this screen control the medium of delivery and reception of messages. Refer to the topic #unique_25 for detailed information.

Media Maintenance

Refer to the topic #unique_26 for detailed information.

Message Queues Mapping Maintenance

Refer to the topic #unique 27 for detailed information.

Message Queue Maintenance

Refer to the topic #unique_28 for detailed information.

SWIFT Message Notification Browser

Refer to the topic #unique 29 for detailed information.

SWIFT Net Service Definition

Refer to the following topics for detailed information:

- #unique 30
- #unique_31

SWIFT Local Authentication Maintenance

Refer to the following topics for detailed information:

- 1. #unique 32
- 2. #unique 33

- 3. #unique 34
- #unique_35

Mapping Rule Group

Refer to the following topics for detailed information:

- #unique_36
- 2. #unique_37

Defining Rule Group

Refer to the following topics for detailed information:

- #unique_38
- **2.** #unique_39

Routing Rule Definition

Refer to the following topics for detailed information:

- 1. #unique_40
- **2.** #unique_41

Defining Protocol Parameter

Refer to the following topics for detailed information:

- 1. #unique_42
- **2.** #unique_43

File Transfer Adapter Connector Configuration

Create below folder structure for the Swift Net connectivity:

- Create an application base directory as per the path mentioned in the mstm_ems_system_parameters (APP_BASE_DIR).
- **2.** Create below folder structure in the application base directory:
 - payload\EMS_OUT
 - XSL
- 3. In the XSL folder, copy all the XSL required for message transformation

Refer to the following topics for detailed information:

- #unique_44
- **2.** #unique_45

Distinguished Name Definition

Refer to the following topics for detailed information:

- #unique_46
- **2.** #unique_47

Defining Debulk Rule

Refer to the following topics for detailed information:

- #unique 48
- 2. #unique_49

Connectivity Operation Manager

Refer to the topic #unique 50 for detailed information.

Outbound File Browser

Refer to the topic #unique_51 for detailed information.

Inbound File Browser

Refer to the topic #unique_52 for detailed information.

Defining Bulk Preference

Refer to the following topics for detailed information:

- #unique_53
- 2. #unique_54

Bulk Monitor

Refer to the topic #unique 55 for detailed information.

- Maintain Message Media Control
 - This topic explains systematic instructions to maintain message media control.
- Maintain Message Media Details

This topic explains systematic instructions to maintain message media details.

Maintain Message Queue Mapping

This topic explains systematic instructions to maintain the mapping of Message Queues.

- Maintain Message Queues
 - This topic explains systematic instructions to maintain message queues.
- Process SWIFT Message Notification Browser
 - This topic explains systematic instructions to process the SWIFT message notification browser.
- Maintain SWIFTNet Service Definition
 - This topic explains systematic instructions to maintain the SWIFTNet service definition.
- Process SWIFT Net Service Definition Summary
 - This topic explains systemic instructions to process the SWIFT Net service definition summary.
- Maintain SWIFT LAU Key
 - This topic explains systematic instructions to maintain the SWIFT LAU key.
- Process SWIFT LAU Key Summary
 - This topic explains systematic instructions to process SWIFT LAU key maintenance details.
- Process Outgoing SWIFT LAU
 - This topic describes the flowchart of the outgoing message SWIFT LAU.
- Process Incoming SWIFT LAU
 - This topic describes the flowchart of the incoming message SWIFT LAU.



Maintain Rule Group Mapping

This topic explains systematic instructions to maintain the mapping of Rule Groups.

Process Rule Group Mapping Summary

This topic explains systematic instructions to process the rule group mapping summary screen.

Maintain Rule Group Definition

This topic explains systematic instructions to maintain the Rule Group definition.

Process Rule Group Definition Summary

This topic explains systematic instructions to process the rule group definition summary.

Maintain Routing Rule Definition

This topic explains systematic instructions to maintain the Routing Rule definition.

Process Routing Rule Definition Summary

This topic explains systematic instructions to process the routing rule definition summary.

Maintain Protocol Parameter Definition

This topic explains systematic instructions to maintain the protocol parameter definition.

Process Protocol Parameter Definition Summary

This topic explains systematic instructions to process protocol parameter definition summary.

Maintain File Transfer Adapter Connector Configuration

This topic explains systematic instructions to maintain the **File Transfer Adapter Connector Configuration** screen.

Process SWIFTNet FTA Connector Definition Summary

This topic explains systematic instructions to process the SWIFTNet FTA connector definition summary.

Process Distinguished Name Definition

This topic explains systematic instructions to process the distinguished name definition.

Process Distinguished Name Definition Summary

This topic explains systematic instructions to process the summary of distinguished name definitions.

Maintain De Bulk Rule Definition

This topic explains systematic instructions to maintain the De Bulk rule definition.

Process Debulk Rule Summary

This topic explains systematic instructions to process the summary of debulk rule.

Maintain Connectivity Operation Manager

This topic explains systematic instructions to maintain the connectivity operation manager.

Process Outbound File Browser

This topic explains systematic instructions to search and view the outbound files.

Process Inbound File Browser

This topic explains systematic instructions to process the summary of the inbound file browser.

Maintain Bulking Preference Definition

This topic explains systematic instructions to maintain the bulking preference definition.

Process Bulking Preference Definition Summary

This topic explains systematic instructions to process bulking preference definition summary.



Process Bulk Monitor Summary

This topic explains systematic instructions to process the summary of messages and executions in bulk.

1.1 Maintain Message Media Control

This topic explains systematic instructions to maintain message media control.

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

The Message Media Control Maintenance screen displays.

Figure 1-1 Message Media Control Maintenance



2. Click **New** to maintain details of a new media control system.

The Message Media Control Maintenance screen displays.

3. On the Message Media Control 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 1-1 Message Media Control Maintenance - Field Description

Field	Description
Node	Click Search and specify the Node from the list of values. A node is the database instance on which Oracle FLEXCUBE Universal Banking is installed. On assigning a code to an MCS, specify the node or server at which the MCS is located. A branch's database is located in a node and an MCS is also installed in a node. Thus, while defining an MCS, specify the node at which it has been installed.



Table 1-1 (Cont.) Message Media Control Maintenance - Field Description

Field	Description
Media Control System	Click Search and specify the Media Control System from the list of values. In Oracle FLEXCUBE Universal Banking, each media control system is identified by a 15- character code called an MCS code. If required, follow own convention for devising this code. The code that is assigned an MCS should be unique as it is used to identify the external source.
Media	Click Search and specify the Media from the list of values. Specify the media for which the bank is using the MCS. For example, if an MCS is set as MCSSWIFT and the media type is set as SWIFT, it indicates that Oracle FLEXCUBE Universal Banking can receive and transmit SWIFT messages through the media control system MCSSWIFT .
Status	Select the status of an MCS from the drop-down list: • Active • Passive It is only when an MCS is Active that messages will be directed to it. For example, If an MCS located at the node in which the branch operates malfunctions, indicate that the MCS is Passive. In this case, Oracle FLEXCUBE Universal Banking will not write into or read from the directories on the node. No message will be routed through a passive MCS.
Delivery Type	Select the delivery type from the Folder and Queue options. Depending on the selection, specify the details in the corresponding fields as follows: Folder - If the Folder option is selected as the Delivery Type, specify the In Directory and the Out Directory. Further, after selecting Folder, if the Unix Swift Server option is checked for a UNIX SWIFT server, then specify the Unix In-Directory and the Unix Out-Directory. For a Windows Server, the In Directory and Out Directory must be maintained. Queue - If the Queue option is selected as the Delivery Type, specify In Queue, Out Queue, and the type of queue i.e. Microsoft Message Queue or WebSphere Messaging Queue.
In Directory and Out Directory	If the Delivery Type is selected as Folder , and the SWIFT server is a Windows server then specify the full path of the directories from which Oracle FLEXCUBE Universal Banking should read and write incoming and outgoing messages respectively instead of specifying the node on which an MCS is located.
File Prefix	For the Media Control System, identify the outgoing message files generated in a different media with unique prefixes. Enter the unique identifier in this field.
In Queue	If the Delivery Type is Queue , then enter the full path of the queue in the node or server into which the MCS should store the incoming message hand-off file. Oracle FLEXCUBE Universal Banking by default pickup up and read all incoming messages transmitted through the specified media from this queue.
Out Queue	Enter the full path of the queue in the node or server into which the message hand-off file from Oracle FLEXCUBE Universal Banking for the specified media should be stored. The MCS which is located on the same node, will by default store the outgoing messages in this queue.



Table 1-1 (Cont.) Message Media Control Maintenance - Field Description

Field	Description
Unix Swift Server	Check this box if the SWIFT server is on UNIX at the bank. In this screen, specify the default In and Out Directories for the SWIFT message hand-off files. To continue with the normal banking operations, connect to another node and indicate the directory on that node from which Oracle FLEXCUBE Universal Banking should read from and write into.

SWIFT Server on UNIX - In the **Message Media Control Maintenance** screen, indicate if the SWIFT server at the bank is on UNIX. Subsequently, specify the default In and Out Directories for the SWIFT message hand-off files.

Table 1-2 SWIFT Server on UNIX - Field Description

Field	Description
UNIX In-Directory	Specify the full path of the directory on the SWIFT server where would like to store incoming SWIFT message files. Oracle FLEXCUBE Universal Banking pickups and process all incoming SWIFT message files from this directory.
UNIX Out-Directory	Specify the directory on the SWIFT server where would like to store outgoing SWIFT message hand-off files.

The following process flow explains about MCS setup:

Figure 1-2 MCS setup

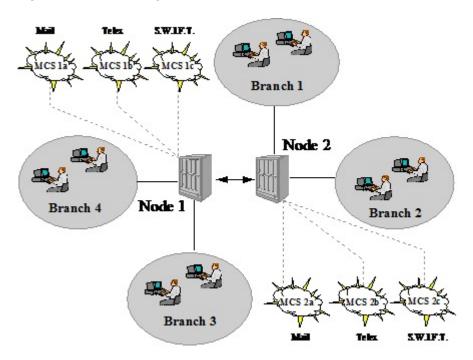




Table 1-3 MX Preference - Field Description

Field	Description
Data PDU Required	Check this box, if the data PDU is required.
XMLv2 Revision	Select the XMLv2 revision from the drop-down list: Revision 11 Revision 10
Swift LAU Required	Check this box, if the Swift LAU is required.
LAU Type	Select LAU type from the drop-down list: HMAC GCM
Delivery Notification Required	Check this box to get the delivery notification.
File Type	Select the required file extension from the drop-down list: ia xml

Table 1-4 LAU Key Outgoing - Field Description

Field	Description
Key First Part	Specify LAU outgoing key first part.
Key Second Part	Specify LAU outgoing key second part.

Table 1-5 LAU Key Incoming - Field Description

Field	Description
Key First Part	Specify LAU incoming key first part.
Key Second Part	Specify LAU incoming key second part.

4. After making mandatory entries, save the record.

For the MCS, identify outgoing message files generated in the media with unique prefixes. Oracle FLEXCUBE will automatically prefix outgoing message hand-off files for the MCS with the prefix that is specified. An MCS record that has been created should be authorized by a user, bearing a different **Login ID**, before the End of Day process (EOD) runs.

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

1.2 Maintain Message Media Details

This topic explains systematic instructions to maintain message media details.

Through the **Media Maintenance** screen, maintain the following points:

- The media types that can be used to transmit messages from and to the bank
- The compatible media for the media type



The fields which are marked in asterisk are mandatory.

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

The Media Maintenance screen displays.

Figure 1-3 Media Maintenance



2. Click **New** to maintain details of a new media type.

The Message Media Control Maintenance screen displays.

3. On the Message Media Control Maintenance screen, specify the fields.

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

Table 1-6 Message Media Control Maintenance - Field Description

Field	Description
Media Code	Specify the Media Code . In Oracle FLEXCUBE Universal Banking, each media type is identified with a fifteen-character code called Media Code .
	Here users can follow their conventions for devising this code. A media type could be SWIFT , Mail , Telex , ISO , etc. The code that is assigned to a media type should be unique as it is used to identify the media. To indicate that a message should be transmitted through a particular media type, specify the code assigned to the media type. The message will be routed automatically through the media.
Description	Type a description of the media type.
Media Number	Specify the Media Number .
Message Suffix	Enter the padding characters that mark the end of an outgoing message (in a specific media). The user can opt to append endmessage markers to outgoing messages generated in a media.
	These markers are referred to as Padding Characters in Oracle FLEXCUBE Universal Banking. Padding characters are a standard set of characters, probably repeated. The padding characters that are specified will be inserted automatically at the end of every outgoing message in the media.
Message Terminator	Enter the padded characters that mark the end of incoming messages in the media. When defining a media, the user can also capture the padding characters that mark the end of incoming messages in the media. The system identifies the end of an incoming message, in a file containing several messages when it encounters the padding characters captured for a media type.



Table 1-6 (Cont.) Message Media Control Maintenance - Field Description

Field	Description
Media Priority	While maintaining media types, set the usage priority for each media type that is maintained. When dispatching messages to customers, the media type used for sending the message will be the one that is higher on the priority rating. For example, the following are the types of media that the bank uses to send advice to customers: SWIFT Mail Telex Fax ISO Refer to the table #unique_26/ unique_26_Connect_42_TABLE_HLQ_RZB_JRB For more information on media priority. When dispatching messages to customers, the system selects the media type in ascending order of the priority that is specified. Note: The rating can be anything between 1 to 99. A rating of one would indicate that the usage of the particular media type is the highest on the priority list whereas, a rating of 99 indicates that the usage of the particular media type is of the lowest priority.
Padding Required	Check this box to use the message suffix for outgoing messages.
Test Word Required	Check this box to use the message sum for outgoing messages. Check this box to indicate that a test word needs to be inserted in the message.
Number of Characters	If it has opted to suffix an outgoing message with a set of padding characters, specify the number of times the set should be repeated in the Number of Characters field. The padding characters will be suffixed to every outgoing message in the media as many times as specified.
Stop Processing	At any time, it is possible to halt the processing of messages in specific media. To halt the processing of incoming and outgoing messages in a media, navigate to the maintenance record for media on the Message Media Control Maintenance screen. Click Stop Processing and save the record. Once changes are saved to records, Oracle FLEXCUBE Universal Banking stops processing messages in the media.



Table 1-6 (Cont.) Message Media Control Maintenance - Field Description

Field	Description
of compatible maintained for media. In this mail format de Maintenance Specify the co from the list of select the cod To delete com and click Dele Note	For each media type, specify the other compatible media. The format of compatible media must be similar. For example, if details are maintained for the media type Mail then specify Fax as a compatible media. In this case, whenever a message is faxed it will be in the mail format defined for the message in the Advice Format File Maintenance screen.
	Specify the compatible media by selecting the relevant media codes from the list of values. To add compatible media for a media type, select the code that identifies the compatible media, and click Add . To delete compatible media, select the codes that identify the media, and click Delete .
	Note: The selected compatible media must be already maintained as a media type.

The following priorities are assigned to each of these media types:

Table 1-7 Media Types

Media Type	Media Priority
SWIFT	2
Mail	1
Telex	4
Fax	3
ISO	5

4. Save records after making mandatory entries.

Media maintenance records must be authorized by a user bearing a different **Login ID**, before End of Day processes are triggered.

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

1.3 Maintain Message Queue Mapping

This topic explains systematic instructions to maintain the mapping of Message Queues.



The fields which are marked in asterisk are mandatory.

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

The Message Queue Mapping Maintenance screen displays

Figure 1-4 Message Queue Mapping Maintenance



2. On the Message Queue Mapping 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 1-8 Message Queue Mapping Maintenance - Field Description

Field	Description
Media	Click Search and specify the Media from the list of values. This field represents the delivery media. For example, SWIFT
BIC Code	Click Search and specify the BIC Code from the list of values. This field represents the receiver's BIC for which a message is to be routed to a specific queue in a particular branch. Select ALL as a BIC Code to specify the wildcard for all entries.
Currency	Click Search and specify the Currency from the list of values. This field indicates the currency of the incoming message. For example, In an MT103 it would be from tag 32A. This is an additional parameter to determine the Booking Branch and Queue . Select ALL as a currency code to maintain the wildcard for all entries.
Booking Branch	Click Search and specify the Booking Branch from the list of values. This field indicates the branch in which incoming messages are routed. A set of all the branches having the same SWIFT BIC as that mentioned in the BIC Code field is displayed in the list of values.
Branch Name	The system displays the Branch Name .
Message Type	Click Search and specify the Message Type from the list of values. This field indicates the message type for which the routing procedure is required.
Queue	Click Search and specify the Queue from the list of values.

While processing MT700 and MT701 messages, the system ensures the following points:

- MT700 and MT701 are routed to the branch using the incoming routing specifications maintained in the Message Queue Mapping Maintenance screen.
- For MT700, in case the branch of the corresponding MT701 is different from that of the MT700, it is re-aligned to the branch of the MT700.

MT701 messages are processed only after the receipt of MT700.



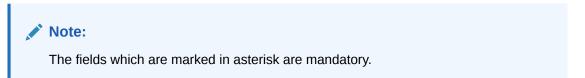
It is allowed to maintain the same BIC for the main branch and the sub-branch as well.

3. Click Exit to end the transaction.

1.4 Maintain Message Queues

This topic explains systematic instructions to maintain message queues.

All Incoming SWIFT and Non-SWIFT messages are routed through a messaging queue. Maintain different user queues to which incoming messages are directed. Users with appropriate rights are allowed to access a particular queue. All 798 incoming index messages 770,761,784 are also captured on the **Message Queue Maintenance** screen.



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

The Message Queue Maintenance screen displays.

Figure 1-5 Message Queue Maintenance



2. On the **Message Queue Maintenance** screen, specify the fields.

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

Table 1-9 Message Queue Maintenance - Field Description

Field	Description
Queue	Specify a name of a queue.
Description	Type a short description of a queue.

Table 1-9 (Cont.) Message Queue Maintenance - Field Description

Field	Description
STP Preference	Select STP preference from the drop-down list: No STP Auto STP Suppress Select Auto STP to process the SWIFT message automatically if it is part of any queue.
Collection Queue	The codes of various SWIFT and Non-SWIFT messages would be routed to this queue. Check this box if the unique queue that is maintained here is a Collection Queue .
	Note: The codes of various SWIFT and Non-SWIFT message lists in the grid do not apply to the Collection Queue.

Assign a message to more than one messaging queue. At the time of maintaining rules for a message (discussed in the subsequent sections of this document), select the appropriate queue for each rule from the list of queues to which the message is linked.

- 3. Click Add to add a message to the queue being defined.
- 4. Click **Delete** to remove a message from the queue.
- 5. Click Exit to end the transaction.

1.5 Process SWIFT Message Notification Browser

This topic explains systematic instructions to process the SWIFT message notification browser.

The SWIFT explains the following two types of notification messages to Oracle FLEXCUBE Universal Banking:

- ACK/NACK acknowledgment messages indicating whether the message has been successfully delivered to SWIFTNet FIN service from where it gets forwarded to the receiving system.
- Delivery notification messages indicate whether the message was successfully delivered to the receiving system.



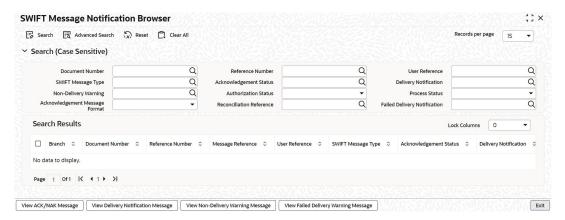
The fields which are marked in asterisk are mandatory.

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

The **SWIFT Message Notification Browser** screen displays.



Figure 1-6 SWIFT Message Notification Browser



2. On the **SWIFT Message Notification Browser** screen, specify the fields.

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

Table 1-10 SWIFT Message Notification Browser - Field Description

Field	Description
Document Number	Click Search and specify the Document Number from the list of values.
User Reference	Click Search and specify the User Reference from the list of values.
Acknowledgment Status	Click Search and specify the Acknowledgment Status from the list of values.
Non-Delivery Warning	Click Search and specify the Non-Delivery Warning from the list of values.
Process Status	Select the process status from the drop-down list: • Processed
	Unprocessed
Reconciliation Reference	Click Search and specify the Reconciliation Reference from the list of values.
Reference Number	Click Search and specify the Reference Number from the list of values.
SWIFT Message Type	Click Search and specify the SWIFT Message Type from the list of values.
Delivery Notification	Click Search and specify the Delivery Notification from the list of values.
Authorization Status	Select authorization status from the drop-down list: • Authorized • Unauthorized • Rejected
Acknowledgment Message Format	Select the acknowledgment message format from the drop-down list: MT MX
Failed Delivery Notification	Click Search and specify the Failed Delivery Notification from the list of values.

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

The system identifies all records satisfying the specified criteria and displays the following details for each one of them:

- Branch
- Document Number
- Reference Number
- Message Reference
- User Reference
- SWIFT Message Type
- Acknowledgment Status
- Delivery Notification
- Non-Delivery Warning
- Acknowledgment Time
- Delivery Notification Time
- Non-Delivery Warning Time
- Receiver
- Branch Date
- Authorization Status
- Release Time
- Running Number
- Process Status
- Acknowledgment Message Format
- Reconciliation Reference
- Media
- Failed Delivery Warning
- Failed Delivery Notification Time
- Failed Delivery Notification

A background job running on this browser updates the outgoing browser with the **ACK/NAK** and the delivery status of the message. The sender MUR from SWIFT is used to match the corresponding outgoing browser record.

- 4. Select the record and click View ACK/NAK Message to view the ACK/NAK message.
- Select the record and click View Delivery Notification Message to view the delivery notification message.
- 6. Select the record and click **View Non-Delivery Warning Message** to view the non-delivery warning message.
- Select the record and click View Failed Delivery Warning Message to view failed delivery warning message.
- 8. Click Exit to end the transaction.



1.6 Maintain SWIFTNet Service Definition

This topic explains systematic instructions to maintain the SWIFTNet service definition.

Note:

The fields which are marked in asterisk are mandatory.

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

The SWIFTNet Service Definition screen displays.

Figure 1-7 SWIFTNet Service Definition



2. On the SWIFTNet Service Definition screen, specify the fields.

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

Table 1-11 SWIFTNet Service Definition - Field Description

Field	Description
Service Name	Specify the SWIFTNet service name.
Service Mode	Select the service modes from the following options: Real Time (RT) - Select this option to send and receive messages in real time. By default, the Real Time (RT) option is selected. Store and Forward (SnF) - Select this option to send and receive messages by storing them in a location and then forwarding them accordingly.
Requestor DN	Specify the DN that sends the request to the service. Provide at least one DN.
Responder DN	Specify the DN that responds request for the service. Provide at least one DN.

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



1.7 Process SWIFT Net Service Definition Summary

This topic explains systemic instructions to process the SWIFT Net service definition summary.

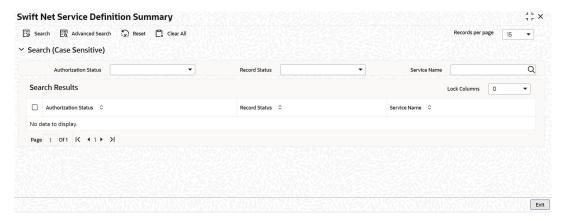


The fields which are marked in asterisk are mandatory.

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

The Swift Net Service Definition Summary screen displays.

Figure 1-8 SWIFT Net Service Definition Summary



On the Swift Net Service Definition Summary screen, specify the fields.

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

Table 1-12 Swift Net Service Definition Summary - Field Description

Field	Description
Authorization Status	Select the authorization status from the drop-down list: Authorized Unauthorized Rejected
Service Name	Click Search and specify the Service Name from the list of values.
Record Status	Select the record status from the drop-down list: Open Closed

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

The system identifies all records satisfying the specified criteria and displays the following details for each one of them:

- Authorization Status
- Service Name
- Record Status



4. Click Exit to end the transaction.

1.8 Maintain SWIFT LAU Key

This topic explains systematic instructions to maintain the SWIFT LAU key.

Through the **SWIFT LAU Key Maintenance** screen, maintain SWIFT authentication parameters. This screen can be accessed from the Head office only. The EMS module refers to SWIFT LAU maintenance data for calculating checksum for outbound and authentication of inbound messages. HMAC-SHA256 algorithm validation will be used to calculate the checksum and ensure the integrity of messages exchanged with SWIFT.

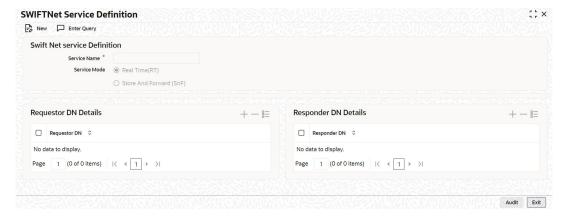


The fields which are marked in asterisk are mandatory.

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

The SWIFT LAU Key Maintenance screen displays.

Figure 1-9 SWIFT LAU Key Maintenance



2. On the **SWIFT LAU Key Maintenance** screen, specify the fields.

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

Table 1-13 SWIFT LAU Key Maintenance - Field Description

Field	Description
Host Code	Click Search and specify the Host Code from the list of values.
Description	The system displays the description of the host code.
SWIFT LAU Required	Check this box to enable SWIFT local authentication in the bank. If this checkbox is checked then all other parameters in this screen are mandatory.
Key First Part	Specify the first part of the key. The length of the key must be in sixteen hexadecimal characters.
Key Second Part	Specify the second part of the key. The length of the key must also be in sixteen hexadecimal characters.



Table 1-13 (Cont.) SWIFT LAU Key Maintenance - Field Description

Field	Description
Message Direction	Select the direction of the message from the drop-down list based on the key maintained for the SWIFT message: Incoming Outgoing

3. Click Exit to end the transaction.

1.9 Process SWIFT LAU Key Summary

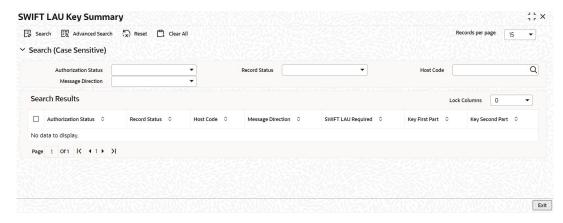
This topic explains systematic instructions to process SWIFT LAU key maintenance details.



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

The **SWIFT LAU Key Summary** screen displays.

Figure 1-10 SWIFT LAU Key Summary



On the SWIFT LAU Key Summary screen, specify the fields.

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

Table 1-14 SWIFT LAU Key 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

Table 1-14 (Cont.) SWIFT LAU Key Summary - Field Description

Field	Description
Host Code	Click Search and specify the Host Code from the list of values.
Message Direction	Select the message direction from the drop-down list: Incoming Outgoing

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

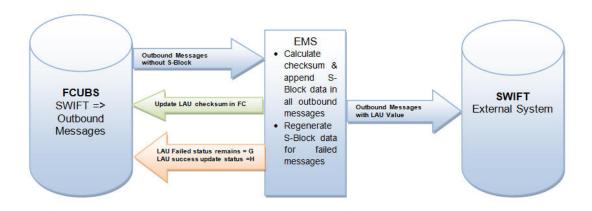
The system identifies all records satisfying the specified criteria and displays the following details for each one of them:

- Authorization Status
- Record Status
- Host Code
- Message Direction
- SWIFT LAU Required
- Key First Part
- Key Second Part
- Click Exit to end the transaction.

1.10 Process Outgoing SWIFT LAU

This topic describes the flowchart of the outgoing message SWIFT LAU.

Figure 1-11 Outgoing SWIFT LAU



The outbound message workflow is explained below:

- Oracle FLEXCUBE Universal Banking generates the S-Block for all outbound SWIFT messages with the message status as Generated.
- Common Core Electronic Messaging Service User Guide refers to SWIFT LAU
 parameters in Oracle FLEXCUBE Universal Banking SWIFT LAU Key Maintenance
 screen and applies HMAC-SHA256 algorithm to generate the checksum in S-Block for all
 outbound messages from Oracle FLEXCUBE Universal Banking.

- For all outbound messages, Electronic Messaging Service generated checksum is appended in the S-block of the message, and the same is updated in the SWIFT LAU field of the Outgoing Message Browser screen.
- Successful generation of S-Block data and message hand-off to the folder will update the
 message status to Handoff. If there is a failure in appending the S-Block data in the
 message, Electronic Messaging Service will not update the message status to Handoff in
 the Outgoing Message Browser screen.
- The next handoff job of Electronic Messaging Service picks up the messages with the status Generated regenerates S-Block data, appends the same in the message and updates the message status to Handoff in Outgoing Message Browser screen.

1.11 Process Incoming SWIFT LAU

This topic describes the flowchart of the incoming message SWIFT LAU.

EMS Generate Inbound Success Messages with status 'U' & checksum checksum & validate S-Block data in **FCUBS SWIFT** all inbound SWIFT <= Failed Messages with status 'R' & checksum Inbound Messages with LAU Value External messages Inbound System Place failed Messages messages in Repair Failed / No S-Block Messages Status

Figure 1-12 Incoming SWIFT LAU

The Inbound message workflow is explained below:

- The user can validate inbound messages with the S-Block data. The checksum value is regenerated in Electronic Messaging Service, based on SWIFT LAU parameters and the HMAC-SHA256 algorithm.
- The regenerated checksum is compared with the checksum present in the received message, and further processing is carried out in Oracle FLEXCUBE Universal Banking based on data verification.
- LAU checksum-validated messages are uploaded into the Incoming Message Browser screen with the status Unprocessed, for Oracle FLEXCUBE Universal Banking to create relevant contracts.
- The encrypted S-Block checksum values in the received messages are updated in the SWIFT LAU field and the checksum generated by Electronic Messaging Service for all incoming messages are updated in the LAU Validation field of the Incoming Message Browser screen.
- Messages that have failed in LAU checksum validation are uploaded into the incoming message browser with the status Repair.
- Messages with the status Repair in the incoming message browser will hold differences in checksum data present in SWIFT LAU and LAU Validation fields.



 Incoming messages without S-Block are uploaded in the incoming browser with the status Repair, and data is not updated in the SWIFT LAU field while the Electronic Messaging Service generated checksum is updated in the LAU VALIDATION field.

1.12 Maintain Rule Group Mapping

This topic explains systematic instructions to maintain the mapping of Rule Groups.



On Homescreen, type MSDRLMAP in the text box, and click Next.
 The Rule Group Mapping screen displays.

Figure 1-13 Rule Group Mapping



2. On the Rule Group Mapping screen, specify the fields.

Table 1-15 Rule Group Mapping - Field Description

Field	Description
Rule Group Name	Click Search and specify the unique name of the rule group.
Module Identification	Click Search and specify the module that needs to be mapped to the created rule group.

3. Click Exit to end the transaction.

1.13 Process Rule Group Mapping Summary

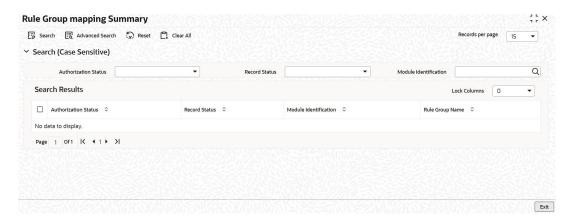
This topic explains systematic instructions to process the rule group mapping summary screen.



1. On Homescreen, specify MSSRLMAP in the text box, and click Next.

The Rule Group Mapping Summary screen displays.

Figure 1-14 Rule Group Mapping Summary



2. On the Rule Group Mapping Summary screen, specify the fields.

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

Table 1-16 Rule Group Mapping 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
Module Identification	Click Search and specify the module ID from the list of values.

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

The system identifies all records satisfying the specified criteria and displays the following details for each one of them:

- Authorization Status
- Record Status
- Module Identification
- Rule Group Name
- 4. Click Exit to end the transaction.



1.14 Maintain Rule Group Definition

This topic explains systematic instructions to maintain the Rule Group definition.



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

The Rule Group Definition screen displays.

Figure 1-15 Rule Group Definition



2. On the Rule Group Definition screen, specify the fields.

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

Table 1-17 Rule Group Definition - Field Description

Field	Description
Rule Group Name	Specify the unique rule group name.
Description	Type a description of the rule group.
Rule Name	Click Search and specify the rule name from the list of values.
Rule Description	Type a Rule Description.
Priority	Specify the Priority .
Move to/Swap to	Specify whether the priority must be swapped or moved.
Move	Click Move to move the priority record.
Swap	Click Swap to swap the priority record.

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



1.15 Process Rule Group Definition Summary

This topic explains systematic instructions to process the rule group definition summary.

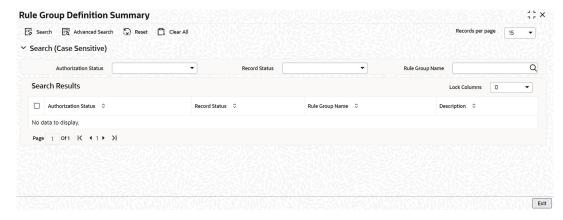
Note:

The fields which are marked in asterisk are mandatory.

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

The Rule Group Definition Summary screen displays.

Figure 1-16 Rule Group Definition Summary



2. On the Rule Group Definition Summary screen, specify the fields.

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

Table 1-18 Rule Group Definition 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:
Rule Group Name	Click Search and specify the name of the rule group from the list of values.

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

- Authorization Status
- Record Status



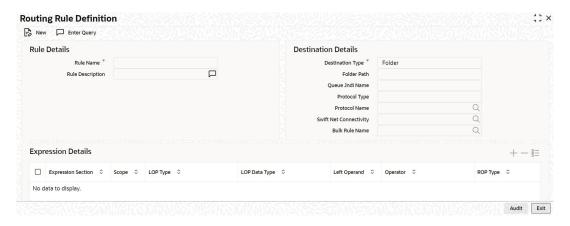
- Rule Group Name
- Description
- 4. Click Exit to end the transaction.

1.16 Maintain Routing Rule Definition

This topic explains systematic instructions to maintain the Routing Rule definition.

On Homescreen, type MSDRLDFN in the text box, and click Next.
 The Routing Rule Definition screen displays.

Figure 1-17 Routing Rule Definition



2. On the **Routing Rule Definition** screen, specify the fields.



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

Table 1-19 Routing Rule Definition - Field Description

	1
Field	Description
Rule Name	Specify the Rule Name.
Description	Type a description of the selected Rule Name .
Destination Type	Specify the type of destination to which the messages matching the rule criteria are being sent from the drop-down list: SWIFT Net Connectivity Bulker Folder Queue
Folder Path	Specify the path of the folder if the Destination Type is selected as a Folder .
Queue JNDI Name	Specify the JNDI name of the queue. This field is mandatory if the Destination Type is selected as a Queue .

Table 1-19 (Cont.) Routing Rule Definition - Field Description

Field	Description
Field	Description
Protocol Type	Specify the type of protocol from the drop-down list: • FTA
	MQHA
	This field is mandatory if the Destination Type is selected as a
	SWIFT Net Connectivity.
Protocol Name	Click Search and specify the required protocol name for the selected protocol.
SWIFTNet Connectivity	Click Search and specify the name of the connector if the Destination Type is selected as a SWIFT Net Connectivity .
Bulk Rule Name	Click Search and specify the Bulk Rule Name from the list of values.
Expression Section	Specify the Expression Section.
Scope	Specify the Scope .
Left Operand Type (LOP	Select the type of the left operand from the drop-down list:
Type)	• Constant
	Parameter Expression
	Expression
Left Operand Data Type (LOP Data Type)	Select the LOP data type from the drop-down list: String
(20. 20.0.1)	• Date
	Boolean
	Number
Left Operand	Click Search and specify the left operand from the list of values.
Operator	Select the operator from the drop-down list:
	Greater Than
	• Less Than
	Equal to Not Equal to
	Greater Than or Equal to
	Less Than or Equal to
Right Operand Type (ROP	Select the type of the right operand from the drop-down list:
Type)	• Constant
	Parameter
	Expression
Right Operand Data Type	Select the ROP data type from the drop-down list:
(ROP Data Type)	• String
	• Date
	Boolean Number
Right Operand	Click Search and specify the right operand from the list of values.
	· · · · · · · · · · · · · · · · · · ·
Scope	Specify the Scope.
Logical Operators	Select the logical operators from the drop-down list: • AND
	• OR



Table 1-19 (Cont.) Routing Rule Definition - Field Description

Field	Description
Pre Defined Functions	Select the predefined functions from the drop-down list: Index Of Substring Length Replace Uppercase Lowercase Trim Replace all
Parameter Name	Specify the Parameter Name.
Parameter Value	Specify the Parameter Value.
Parameter Type	Specify the Parameter Type.
Expression For	Select the expression for from the drop-down list: Right Operand Left Operand
Final Expression	Specify the Final Expression.
Build Expression	Click Build Expression to build the expression.

3. Click Exit to end the transaction.

1.17 Process Routing Rule Definition Summary

This topic explains systematic instructions to process the routing rule definition summary.



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

The Routing Rule Definition Summary screen displays.

Figure 1-18 Routing Rule Definition Summary



2. On the Routing Rule Definition Summary screen, specify the fields.

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

Table 1-20 Routing Rule Definition 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
Rule Name	Click Search and specify the Rule Name from the list of values.
Rule Description	Click Search and specify the Rule Description from the list of values.
Rule Group Name	Click Search and specify the Rule Group Name from the list of values.
Destination Type	Select the destination type from the drop-down list: Folder Queue Swift Net Connectivity Bulker

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

The system identifies all records satisfying the specified criteria and displays the following details for each one of them:

- Authorization Status
- Record Status
- Rule Name
- Rule Description
- Rule Group Name
- Destination Type
- 4. Click Exit to end the transaction.

1.18 Maintain Protocol Parameter Definition

This topic explains systematic instructions to maintain the protocol parameter definition.



The fields which are marked in asterisk are mandatory.

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

The **Protocol Parameter Definition** screen displays.



Figure 1-19 Protocol Parameter Definition



2. On the **Protocol Parameter Definition** screen, specify the fields.

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

Table 1-21 Protocol Parameter Definition - Field Description

Field	Description
Protocol Parameter Name	Specify the name of the protocol for which the parameter list is defined.
Description	Specify the description of the protocol parameter.
Protocol Type Mode	Select the mode of the protocol type from the drop-down list: • FTA • MQHA
Parameters	Specify the parameters for the protocol.
Value	Specify the value of the parameter.

Click Exit to end the transaction.

1.19 Process Protocol Parameter Definition Summary

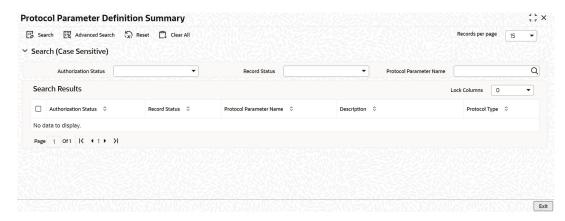
This topic explains systematic instructions to process protocol parameter definition summary.



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

The Protocol Parameter Definition Summary screen displays.

Figure 1-20 Protocol Parameter Definition Summary



2. On the **Protocol Parameter Definition Summary** screen, specify the fields.

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

Table 1-22 Protocol Parameter Definition Summary - Field Description

Field	Description
Protocol Parameter Name	Click Search and select the name of the protocol parameter from the list of values.
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

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

- Protocol Parameter Name
- Description
- Authorization Status
- Record Status
- Protocol Type
- 4. Click Exit to end the transaction.



1.20 Maintain File Transfer Adapter Connector Configuration

This topic explains systematic instructions to maintain the **File Transfer Adapter Connector Configuration** screen.



The fields which are marked in asterisk are mandatory.

On Homescreen, type MSDFTACN in the text box, and click Next.
 The File Transfer Adapter Connector Configuration screen displays.

Figure 1-21 File Transfer Adapter Connector Configuration



On the File Transfer Adapter Connector Configuration screen, specify the fields.

Table 1-23 File Transfer Adapter Connector Configuration - Field Description

Field	Description
FTA Connector Name	Specify the FTA Connector Name.
Operation Type	Select the type of operation from the drop-down list: Inbound Outbound
Host Code	Specify the Host Code .
Data file LAU	Check this box if FCM calculates the LAU of the data file and puts the calculated value in the parameter file.
Companion LAU	Check this box if parameters defined at the emission profile of the SAG side are overridden by information in the companion file.
Override	Check this box if parameters defined at the emission profile of the SAG side will be overridden by information in the companion file.
File Directory	Specify store details of the emission directory for outbound connectivity and the reception directory for inbound flow.
Log Directory	Specify the responses from SAG.



Table 1-23 (Cont.) File Transfer Adapter Connector Configuration - Field Description

Field	Description
Parameter File	Check this box if FCM creates or receives a parameter file corresponding to every data file in configured file directory along with the data file.
Success Directory	For outbound connectivity, delivery notification responses related to file transfer status from the SAG are placed in this directory. For inbound connectivity file transfer, success status files are placed in this folder.
Debulk Required	Check this box, if debulk is required for inbound messages.
Debulk Rule Name	Specify the Debulk Rule Name .
Node	Specify the Node . This is mandatory for the Inbound operation type.
Media	Specify the Media . This is mandatory for the Inbound operation type.
Media Control System	Specify the Media Control System . This is mandatory for the Inbound operation type.

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

1.21 Process SWIFTNet FTA Connector Definition Summary

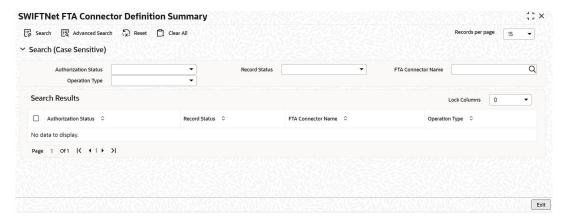
This topic explains systematic instructions to process the SWIFTNet FTA connector definition summary.



The fields which are marked in asterisk are mandatory.

On Homescreen, type MSSFTACN in the text box, and click Next.
 The SWIFTNet FTA Connector Definition Summary screen displays.

Figure 1-22 SWIFTNet FTA Connector Definition Summary



2. On the SWIFTNet FTA Connector Definition Summary screen, specify the fields.

Table 1-24 SWIFTNet FTA Connector Definition Summary - Field Description

Field	Description
FTA Connector Name	Click Search and specify the FTA Connector Name from the list of values.
Operation Type	Select the operation type from the drop-down list: Inbound Outbound
Authorization Status	Select the status of the authorization from the drop-down list: Authorized Unauthorized Rejected
Record Status	Select the record status from the drop-down list: Open Closed

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

The system identifies all records satisfying the specified criteria and displays the following details for each one of them:

- FTA Connector Name
- Operation Type
- Authorization Status
- Record Status
- 4. Click Exit to end the transaction.

1.22 Process Distinguished Name Definition

This topic explains systematic instructions to process the distinguished name definition.



The fields which are marked in asterisk are mandatory.

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

The Distinguished Name Definition screen displays.

Figure 1-23 Distinguished Name Definition



2. On **Distinguished Name Definition** screen, specify the fields.

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

Table 1-25 Distinguished Name Definition - Field Description

Field	Description
Distinguished Name ID	Specify the unique identification of the distinguished name.
Distinguished Name	Specify the distinguished name to identify the entity that sends or gets messages.
Description	Specify the description of the distinguished name.

3. Click Exit to end the transaction.

1.23 Process Distinguished Name Definition Summary

This topic explains systematic instructions to process the summary of distinguished name definitions.

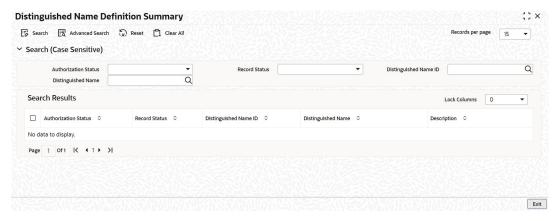


The fields which are marked in asterisk are mandatory.

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

The **Distinguished Name Definition Summary** screen displays.

Figure 1-24 Distinguished Name Definition Summary



On the Distinguished Name Definition Summary screen, specify the fields.

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

Table 1-26 Distinguished Name Definition Summary - Field Description

Field	Description
Distinguished Name ID	Click Search and specify the unique identification of the distinguished name.
Distinguished Name	Click Search and specify the distinguished name to identify the entity that sends or gets messages.
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

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

- Distinguished Name ID
- Distinguished Name
- Description
- Authorization Status
- Record Status
- 4. Click Exit to end the transaction.



1.24 Maintain De Bulk Rule Definition

This topic explains systematic instructions to maintain the De Bulk rule definition.



On Homescreen, type MSDDEBRL in the text box, and click Next.
 The De Bulk Rule Definition screen displays.

Figure 1-25 De Bulk Rule Definition



2. On the **De Bulk Rule Definition** screen, specify the fields.

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

Table 1-27 De Bulk Rule Definition - Field Description

Field	Description
Debulk Rule Name	Specify the name of the debulk file.
Payload Delimiter	Specify the delimiter between payloads.
Protocol	Select the type of protocol from the drop-down list: • MQHA • FTA
Decompression Required	Check this box if debulk processing requires decompression.
Description	The system displays the description of the Debulk rule.
Decompression Type	Select the type of decompression from the drop-down list: Zip GZIP

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



1.25 Process Debulk Rule Summary

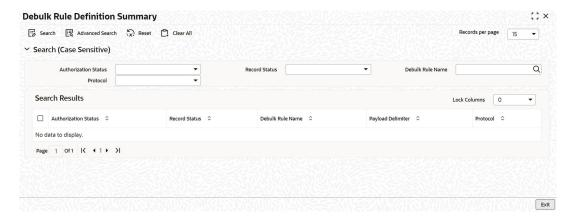
This topic explains systematic instructions to process the summary of debulk rule.



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

The Debulk Rule Definition Summary screen displays.

Figure 1-26 Debulk Rule Definition Summary



On Debulk Rule Definition Summary screen, specify the details.

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

Table 1-28 Debulk Rule Definition Summary - Field Description

Field	Description
Authorization Status	Select the authorization status from the drop-down list: • Authorized • Unauthorized • Rejected
Debulk Rule Name	Click Search and specify the Debulk Rule Name from the list of values.
Record Status	Select the record status from the drop-down list: Open Closed
Protocol	Select the protocol from the drop-down list: • MQHA • FTA

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

- Authorization Status
- Record Status
- Debulk Rule Name
- Payload Delimiter
- Protocol
- 4. Click **Exit** to end the transaction.

1.26 Maintain Connectivity Operation Manager

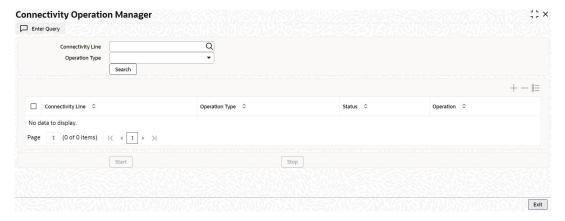
This topic explains systematic instructions to maintain the connectivity operation manager.



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

The Connectivity Operation Manager screen displays.

Figure 1-27 Connectivity Operation Manager



2. On the Connectivity Operation Manager screen, specify the fields.

Table 1-29 Connectivity Operation Manager - Field Description

Field	Description
Connectivity Line	Click Search and specify the required connectivity line.
Operation Type	Select the type of operation from the drop-down list: Inbound Outbound
Start	Click Start to start the connectivity line.
Stop	Click Stop to start the connectivity line.
Status	The system displays the display line status.



Table 1-29 (Cont.) Connectivity Operation Manager - Field Description

Field	Description
Operation	The system displays the operation.

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

1.27 Process Outbound File Browser

This topic explains systematic instructions to search and view the outbound files.

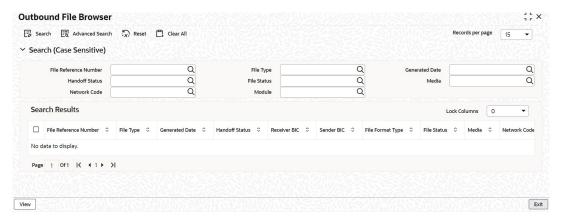


The fields which are marked in asterisk are mandatory.

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

The **Outbound File Browser** screen displays.

Figure 1-28 Outbound File Browser



2. On the Outbound File Browser screen, specify the fields.

Table 1-30 Outbound File Browser - Field Description

Field	Description
File Reference Number	Click Search and specify the File Reference Number from the list of values.
Generated Date	Click Search and specify the Generated Date from the list of values.
File Status	Click Search and specify the File Status from the list of values.
Network Code	Click Search and specify the Network Code from the list of values.
File Type	Click Search and specify the File Type from the list of values.
Handoff Status	Click Search and specify the Handoff Status from the list of values.
Media	Click Search and specify the Media from the list of values.
Module	Click Search and specify the Module from the list of values.

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

The system identifies all records satisfying the specified criteria and displays the following details for each one of them:

- File Reference Number
- File Type
- Generated Date
- Handoff Status
- Receiver BIC
- Sender BIC
- File Format Type
- File Status
- Media
- Network Code
- File Name
- Source Code
- Module
- External Reference
- 4. Select the record and click **View** to view details.
- 5. Click Exit to end the transaction.

1.28 Process Inbound File Browser

This topic explains systematic instructions to process the summary of the inbound file browser.



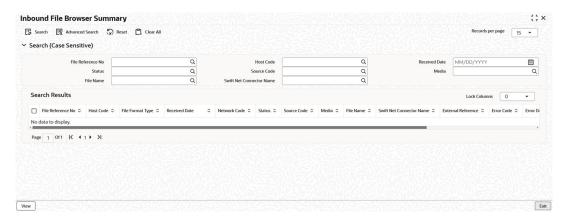
The fields which are marked in asterisk are mandatory.

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

The **Inbound File Browser Summary** screen displays.



Figure 1-29 Inbound File Browser Summary



2. On the **Inbound File Browser Summary** screen, specify the fields.

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

Table 1-31 Inbound File Browser Summary - Field Description

Field	Description
File Reference Number	Click Search and specify the File Reference Number from the list of values.
Received Date	Click Calendar and select the Received Date.
Source Code	Click Search and specify the Source Code from the list of values.
File Name	Click Search and specify the File Name from the list of values.
Host Code	Click Search and specify the Host Code from the list of values.
Status	Click Search and specify the Status from the list of values.
Media	Click Search and specify the Media from the list of values.
Swift Net Connector Name	Click Search and specify the Swift Net Connector Name from the list of values.

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

- File Reference Number
- Host Code
- File Format Type
- Received Date
- Network Code
- Status
- Source Code
- Media
- File Name
- Swift Net Connector Name
- External Reference
- Error Code



- Error Description
- Error Message
- Receiver BIC
- Sender BIC
- 4. Click **Exit** to end the transaction.

1.29 Maintain Bulking Preference Definition

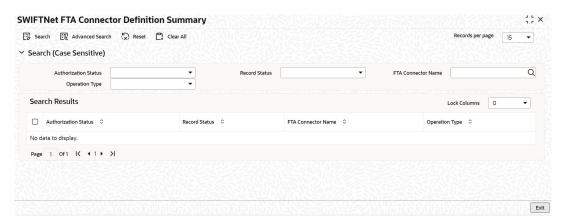
This topic explains systematic instructions to maintain the bulking preference definition.

Note:

The fields which are marked in asterisk are mandatory.

On Homescreen, type MSDBLKRL in the text box, and click Next.
 The Bulking Preference Definition screen displays.

Figure 1-30 Bulking Preference Definition



On the Bulking Preference Definition screen, specify the fields.

Note:

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

Table 1-32 Bulking Preference Definition - Field Description

Field	Description
Bulking Preference Name	Specify the name used for storing the bulk preference.
Volume Restriction Required?	Check this box to configure volume based bulking.



Table 1-32 (Cont.) Bulking Preference Definition - Field Description

Field	Description
Maximum number of messages	Specify the maximum number of messages that can be stored in a bulk file.
Size (In KB)	Specify the size in KB.
Size Restriction Required?	Check this box to configure size based bulking.
Scheduler Type	Select the type of scheduler from the following options: Time Based Frequency
Start Time (HH:MM)	Specify the start time of the trigger. Enter the format in HH:MM format.
End Time (HH:MM)	Specify the end time of the trigger. Enter the format in HH:MM format.
Time Interval in Min	Specify the interval of the repeat in MM format.
Scheduling Number	Specify the scheduling sequence.
Start Hour	Specify the start hour of the scheduling sequence.
Start Minute	Specify the start minute for frequency based scheduler.
Bulk File Name Prefix	Specify the prefix to indicate the name of the bulk file.
Maximum size of Bulk File (In KB)	Specify the maximum size of a bulk file in KB.
Payload Delimiter	Specify the delimiter while bulking messages.
File Extension	Select the file format that must be used while bulking messages.
Compression Required	Check this box to indicate that file compression is required.
Compression Type	Specify the required type of compression from the drop-down list:
Destination Type	Specify the type of destination from the drop-down list: Folder Queue
	SwiftNet Connectivity
	If the Destination Type is SwiftNet Connectivity , then a field SwiftNet Connectivity needs to be selected from list of values which gives the list of connectivity lines.
Folder Path	Specify the user defined destination folder path.
Queue JNDI Name	Specify the JNDI name of the queue if the Destination Type is selected as Queue .
SwiftNet Connectivity	Select the SwiftNet connectivity from the list of values.
Protocol Type	Select the type of protocol from the drop-down list: • FTA • MQHA
Protocol Name	Specify the protocol name for the selected protocol.

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

1.30 Process Bulking Preference Definition Summary

This topic explains systematic instructions to process bulking preference definition summary.



The fields which are marked in asterisk are mandatory.

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

The Bulking Preference Definition Summary screen displays.

Figure 1-31 Bulking Preference Definition Summary



2. On the **Bulking Preference Definition Summary** screen, specify the fields.

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

Table 1-33 Bulking Preference Definition Summary - Field Description

Field	Description
Bulk Preference Name	Click Search and specify the name used for storing the bulk preference.
Authorization Status	Select the authorization status from the drop-down list: • Authorized • Unauthorized • Rejected
Bulk Initiated	Select Yes/No from the drop-down list to configure volume based bulking.
Record Status	Select the record status from the drop-down list: Open Closed

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

The system identifies all records satisfying the specified criteria and displays the following details for each one of them:

Authorization Status



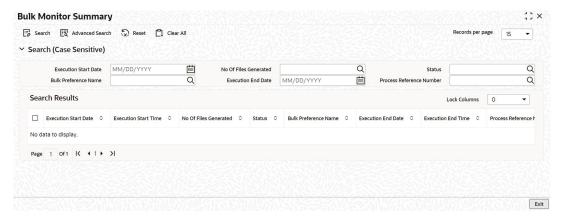
- Record Status
- Bulking Preference Name
- Max Number of Messages
- Size in (in KB)
- Bulk File Name Prefix
- Maximum Size of Bulk File (in KB)
- Bulk Initiated
- 4. Click Exit to end the transaction.

1.31 Process Bulk Monitor Summary

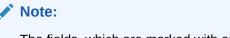
This topic explains systematic instructions to process the summary of messages and executions in bulk.

On Homescreen, type MSSBLKMN in the text box, and click Next.
 The Bulk Monitor Summary screen displays.

Figure 1-32 Bulk Monitor Summary



On the Bulk Monitor Summary screen, specify the fields.



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

Table 1-34 Bulk Monitor Summary - Field Description

Field	Description
Execution Start Date	Click Calendar and select the Execution Start Date.
Status	Click Search and specify the Status .
Execution End Date	Click Calendar and select the Execution End Date.



Table 1-34 (Cont.) Bulk Monitor Summary - Field Description

Field	Description
Number of Files Generated	Click Search and specify the Number of Files Generated .
Bulk Preference Name	Click Search and specify the Bulk Preference Name.
Process Reference Number	Click Search and specify the Process Reference Number .

3. Click **Execute Query** after specifying the search parameters.

The system identifies all records satisfying the specified criteria and displays the following details for each one of them:

- Execution Start Date
- Execution Start Time
- Number of Files Generated
- Status
- Bulk Preference Name
- Execution End Date
- Execution End Time
- Process Reference Number
- Number of Transactions
- Total Size
- Error Code
- Error Parameter
- Error Description
- 4. Double-click a record from the results to view the details.

The Bulk Monitor screen displays.

Figure 1-33 Bulk Monitor



5. Click **Regenerate** to regenerate the files due to any error in the file generation.

The records get generated again.

- 6. Click Initiate Adhoc Bulking to bulk a selected bulk preference ad-hoc.
- 7. Click **Exit** to end the transaction.



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