Oracle® Banking Enterprise Limits and Collateral Management 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 |
| ТІ | 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 . |



| 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. |

| Table | (Cont.) | Basic | Actions |
|-------|---------|-------|---------|
|-------|---------|-------|---------|

Symbols and Icons

The following symbols and icons are used in the screens.

| Table | Symbols and Icons - Common |
|-------|----------------------------|
|-------|----------------------------|

| Symbol/Icon | Function |
|-------------|----------------|
| J L 7 F | Minimize |
| | Maximize |
| × | Close |
| Q | Perform Search |
| • | Open a list |



| Symbol/Icon | Function |
|-------------|-----------------------------------|
| Ŧ | Add a new record |
| К | Navigate to the first record |
| > | Navigate to the last record |
| • | Navigate to the previous record |
| | Navigate to the next record |
| 88 | Grid view |
| 8= | List view |
| Ģ | 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. |
| Ð | Click to view the created record. |
| £ | Click to modify the fields. |
| • | Click to unlock, delete, authorize or view the created record. |

Table(Cont.) Symbols and Icons - Common

Table Symbols and Icons - Audit Details

| Symbol/Icon | Function |
|-------------|-------------------------------|
| 0 | A user |
| Ē | Date and time |
| | Unauthorized or Closed status |
| \oslash | Authorized or Open status |

| Symbol/Icon | Function | | |
|-------------|---------------------|--|--|
| £ | Open status | | |
| | Unauthorized status | | |
| £ | Closed status | | |
| | Authorized status | | |

Table Symbols and Icons - Widget

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 <u>#unique_25</u> 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:

- **1.** #unique_30
- 2. #unique_31

SWIFT Local Authentication Maintenance

Refer to the following topics for detailed information:

- **1.** #unique_32
- 2. #unique_33



- 3. #unique_34
- 4. #unique_35

Mapping Rule Group

Refer to the following topics for detailed information:

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

Defining Rule Group

Refer to the following topics for detailed information:

- 1. #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:

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

Distinguished Name Definition

Refer to the following topics for detailed information:

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

Defining Debulk Rule

Refer to the following topics for detailed information:



- **1.** #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:

- 1. #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.

1. 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

| Message Media Conti | rol Maintenance | | : × |
|----------------------------------|---------------------|---------------|------------|
| New D Enter Query | | | |
| Node * Media Control System * | Q | | |
| Media * | Q | | |
| Status | Active | | |
| | Delivery Preference | MX Preference | |
| Delivery Type | Folder | | |
| | O Queue | | |
| | O Message over Rest | | |
| In Directory | F | | |
| Out Directory | | | |
| File Prefix | | | |
| Fields | | | Audit Exit |

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. |



| 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. |

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

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

| 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 Туре | 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 1-3 MX Preference - Field Description

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

Note:

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 | L-3 | Media | Main | tenance |
|----------|-----|-------|------|---------|
|----------|-----|-------|------|---------|

| Media Maintenance | ;;; |
|--|------------------|
| 🔁 New 🕞 Enter Query | |
| Media Code Description Media Number Message Suffix Message Terminator | |
| Number of Characters Test Word Required Stop Processing Padding Required | Media Priority * |
| Compatible Media $+-$: | |
| Compatible Media 🔆 Fields | Audit Exit |

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.

| 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 end-message 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 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 |
| | • Mall |
| | • 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 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 |
|------------------|--|
| Compatible Media | 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. |
| | |

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

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.

Note: The fields which are marked in asterisk are mandatory.

1. 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

| essage Queue Mapping Mainte | enance | | |
|-----------------------------|--------|----------------|-------|
| New 🟳 Enter Query | | | |
| Media * | Q | Message Type * | Q |
| BIC Code * | Q | Queue * | Q |
| Currency * | Q | | |
| Booking Branch * | Q | | |
| Branch Name | | | |
| Branch Name | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| Id Properties | | | Audit |

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



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

| 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. |

| Table 1-8 | Message Queue Manning Maintenance | - Field Description |
|-----------|-----------------------------------|---------------------|
| | message Queue mapping maintenance | |

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.

Note:

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.

| New 🏳 Enter Query | | | |
|-------------------------------|--------------------|-------------|-----|
| Queues | | | |
| Queue * | | Description | |
| STP Preference | No STP | | |
| Collection Queue | | | |
| Swift Messages Queue | | | + 8 |
| □ Message Code [*] ≎ | | | |
| No data to display. | | | |
| Page 1 (0 of 0 items) | K ∢ 1 → >I | | |
| | ase survey a light | | |
| | | | |
| | | | |

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. |



| 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. | | |

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

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

| Search 🔄 Ad | vanced Search | 💭 Res | et 🖺 Clear All | | | | | Records per pa | age 15 | • |
|---|---------------|------------|----------------------|--------------------------|--------------------------------|-----------------|----------------------------|----------------|--------------------|------|
| Search (Case Se | ensitive) | | | | | | | | | |
| Documer | t Number | | Q | Reference Number | | Q | User Reference | | | Q |
| SWIFT Mes | sage Type | аде Туре Q | | Acknowledgement Status | Q | | Delivery Notification | | Q | |
| Non-Delivery Warning Acknowledgement Message Format | | Q | Authorization Status | • | | Process Status | | • | | |
| | | | • | Reconciliation Reference | Q Failed Delivery Notification | | Q | | | |
| Search Results | | | | | | | | Lock Columns | 0 | • |
| □ Branch ≎ | Document Nu | imber 🗘 | Reference Number 🗘 | Message Reference 🗘 | User Reference 🗘 | SWIFT Message T | ype Acknowledgement S | itatus 🗘 Del | ivery Notification | on : |
| No data to display. | | | | | | | | | | |
| Page 1 Of 1 | | | | | | | | | | |

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.
- 5. 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.
- 7. 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.



The SWIFTNet Service Definition screen displays.

Figure 1-7 SWIFTNet Service Definition

| New 🟳 Enter Query | | | | |
|--------------------------|---|------------|----------------------------------|-------|
| Swift Net service Defini | tion | | | |
| Service Name * | | | | |
| Service Mode | Real Time(RT) | | | |
| | Store And Forward (SnF) | | | |
| Requestor DN Details | | $+-\equiv$ | Responder DN Details | + - 8 |
| Requestor DN | | | Responder DN | |
| No data to display. | | | No data to display. | |
| Page 1 (0 of 0 items) | $ \langle 1 \rangle > $ | | Page 1 (0 of 0 items) < ∢ 1 ▶ > | |
| | | | | |
| | | | | |

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 Swift Net Service Definition Summary screen displays.

|--|

| Search 🔄 Advanced Search 💭 | Reset Clear All | | | | Records per page | 15 🔻 |
|----------------------------|-----------------|-----------------|---|----------------|------------------|------|
| earch (Case Sensitive) | | | | | | |
| Authorization Status | • | Record Status | • | Service Name | | C |
| earch Results | | | | Lo | ck Columns 0 | • |
| Authorization Status 0 | | Record Status 0 | | Service Name 🗘 | | |
| lo data to display. | | | | | | |
| age 1 Of1 K ◀ 1 ▸ >I | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

2. 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 **SWIFT LAU Key Maintenance** screen displays.

| ion | | |
|---------------------------|----------------------|--------|
| | | |
| Real Time(RT) | | |
| O Store And Forward (SnF) | | |
| | Responder DN Details | L _ 8- |
| Τ — 8= | | T = 8= |
| | Responder DN 🗘 | |
| | No data to display. | |
| | | |
| | on | on |

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 - Fie | Id 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. |



| 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 |

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

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.

Note: The fields which are marked in asterisk are mandatory.

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

The SWIFT LAU Key Summary screen displays.

| Search (Case Sensitive) | | | | | | | |
|---|-----------------|-------------|---------------------|----------------------|------------------|-------------------|---|
| Authorization Status Message Direction | | ▼ R | ecord Status | • | Host Code | | Q |
| Search Results | | | | | Lock | Columns 0 | • |
| Authorization Status \$ | Record Status 0 | Host Code 🗘 | Message Direction 🗘 | SWIFT LAU Required 🗘 | Key First Part 🗘 | Key Second Part 🗘 | |
| No data to display. | | | | | | | |
| Page 1 Of1 K (1) | | | | | | | |
| | | | | | | | |

Figure 1-10 SWIFT LAU Key Summary

2. 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 |



| 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
- 4. Click **Exit** to end the transaction.

1.10 Process Outgoing SWIFT LAU

This topic describes the flowchart of the outgoing message 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.



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.



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

The Rule Group Mapping screen displays.

Figure 1-13 Rule Group Mapping

| WIFT LAO Key Maint | enance | NEW 24272/21272/STATES AND MANNED STATUS |
|--------------------|----------|--|
| New D Enter Query | | |
| Host Code * | Q | |
| Description | | |
| Message Direction | Incoming | |
| SWIFT LAU Required | | |
| SWIFT LAU Key | | |
| Key First Part | | |
| Key Second Part | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| NEES/2012ESIN | | |
| | | Audit Ex |

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.

Note:

The fields which are marked in asterisk are mandatory.



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

The Rule Group Mapping Summary screen displays.

| | Authorization Status | • | Record Status | - | Module Identification | | C |
|-------|----------------------|---------------|---------------|-------------------------|-----------------------|---------------|---|
| Sear | rch Results | | | | L | ock Columns 0 | • |
| | Authorization Status | Record Status | 0 | Module Identification 0 | Rule Group N | lame 🗘 | |
| No da | ata to display. | | | | | | |
| age | 1 Of1 K ◀1 ► X | | | | | | |

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

| ule Group Definition | | ;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;; |
|---|----------------------|--|
| New 🏳 Enter Query | | |
| Rule Group Name * | | |
| | | +-8 |
| Rule Name | Rule Description 🛛 🗘 | Priority 🗘 |
| No data to display. Page 1 (0 of 0 items) < | | |
| Move to/Swap to | | |
| Ma | ap | |
| | | |
| | | Audit Ext |

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.



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

| • | Record Status | Rule Group N | lame | C |
|------------|-------------------|---------------|---|--|
| | | | Lock Columns C | • |
| Record Sta | ntus 🗘 Rule Group | Name û | Description 0 | |
| | | | | |
| | | | | |
| | | | | |
| | Record Sta | Record Status | Record Status Record Status Record Status Rule Group Name | Record Status Rule Group Name Lock Columns D Record Status Rule Group Name |

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: Open Closed |
| 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.

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

- 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.

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

The Routing Rule Definition screen displays.

Figure 1-17 Routing Rule Definition

| estination Details | |
|---|--|
| estination Details | |
| | |
| Destination Type * Folder | |
| Folder Path | |
| Queue Jndi Name | |
| Protocol Type | |
| Protocol Name | |
| Swift Net Connectivity | |
| Bulk Rule Name | |
| + | - == |
| Left Operand \bigcirc Operator \bigcirc ROP Type \diamondsuit | |
| | |
| | Left Operand Operator ROP Type |

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



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

| 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 . |



| 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 Type) | Select the type of the left operand from the drop-down list: Constant Parameter Expression |
| Left Operand Data Type (LOP Data Type) | Select the LOP data type from the drop-down list: String 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 Type) | Select the type of the right operand from the drop-down list: Constant Parameter Expression |
| Right Operand Data Type (ROP Data Type) | Select the ROP data type from the drop-down list: 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. |

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

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.



Figure 1-18 Routing Rule Definition Summary

| | Authorization Status | · | Record S | Status | • | Rule Name | | | C |
|-------|------------------------|-------------------|-------------|--------------------|---|-------------------|-------------|--------|---|
| | Rule Description | Q | Rule Group | Name | Q | Destination Type | | | • |
| Sear | rch Results | | | | | Lo | ock Columns | 0 | • |
| | Authorization Status 💲 | Record Status 🛛 🗘 | Rule Name 🗘 | Rule Description 🗘 | 1 | Rule Group Name 🗘 | Destination | Туре 🗘 | |
| No da | ata to display. | | | | | | | | |
| Page | 1 of1 K (1) > | | | | | | | | |

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

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

| 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 |

 Table 1-20
 Routing Rule Definition Summary - Field Description

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.

Note:

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

| rotocol Parameter De | finition | 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
|--|-------------------|--|
| New 🟳 Enter Query | | |
| Protocol Parameter Name * Description | | |
| Protocol Type | MQHA | |
| Overlapping Parameter | Set | 十一 臣 |
| □ Parameter * ≎ | Value 🗘 | |
| No data to display. Page 1 (0 of 0 items) | κ ∢ 1 → >ι | |
| | | |
| | | |
| | | Audit Exi |

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. |

3. Click Exit to end the transaction.

1.19 Process Protocol Parameter Definition Summary

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



The fields which are marked in asterisk are mandatory.

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

| | Search (Case Sensitive) Authorization Status Record Status Protocol Parameter Name Concerning | Sea | rch 🔄 Advanced Search | 💭 Reset 📋 Clear All | | | Records per page | 15 🔻 |
|--|---|------|------------------------|---------------------|---------------------------|---------------|-------------------------|------|
| Authorization Status Record Status Protocol Parameter Name Search Results Lock Columns 0 Authorization Status 0 Record Status 0 Protocol Parameter Name 0 Description 0 Protocol Type 0 No data to display. | Authorization Status • • • • • • • • • • • • • | Sear | ch (Case Sensitive) | | | | | |
| Search Results Lock Columns 0 Authorization Status Record Status Protocol Parameter Name Description Protocol Type Protocol Type | Search Results Columns O authorization Status Record Protocol Parameter Name Description Protocol Type | | Authorization Status | • | Record Status | • F | Protocol Parameter Name | Q |
| □ Authorization Status ◇ Record Status ◇ Protocol Parameter Name ◇ Description ◇ Protocol Type ◇ No data to display. | Authorization Record Status Protocol Parameter Name Description Protocol Type Protocol Type | Sea | rch Results | | | | Lock Columns 0 | • |
| No data to display. | No data to display. Page 1 Of 1 K + 1 + 3 | | Authorization Status 🗘 | Record Status 💲 | Protocol Parameter Name 🗘 | Description 0 | Protocol Type | 0 |
| | Page 1 Off K 4 1 + XI | No d | ata to display. | | | | | |
| Page 1 Of1 K (1) | | Page | 1 of1 K (1)) | | | | | |
| | | | | | | | | |

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.

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

- 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.



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

The File Transfer Adapter Connector Configuration screen displays.



| ile Transfer Adapter (| Connector Configuration | | | 44 |
|------------------------|--------------------------------|------------------|--|----|
| 🕞 New 🏳 Enter Query | | | | |
| FTA Connector Name * | | | | |
| Operation Type | Inbound | | | |
| Node | Q | | | |
| Media | Q | | | |
| Media Control System | | | | |
| Host Code | Q | | | |
| FTA Parameter | | | | |
| File Directory * | | Log Directory * | | |
| Success Directory * | | Parameter File * | | |
| FTA Outbound Paramete | r | | | |
| Data File LAU | | Override | | |
| | | | | |

On the File Transfer Adapter Connector Configuration screen, specify the fields.
 For more information on fields, refer to the field description table.

| 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. | |



| 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. |

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

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.

Note:

The fields which are marked in asterisk are mandatory.

1. 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

| Search 🔄 Advanced Search | 💭 Reset 🖺 Cle | ar All | | | | Records per page | 15 - |
|--------------------------|---------------|---------------|---------------|--------------------|--------------------|------------------|------|
| Search (Case Sensitive) | | | | | | | |
| Authorization Status | | - | Record Status | | FTA Connector Name | | (|
| Operation Type | | • | | | | | |
| Search Results | | | | | | Lock Columns | 0 🔻 |
| Authorization Status 🗘 | | Record Status | 0 | FTA Connector Name | Operat | ion Type 🗘 | |
| No data to display. | | | | | | | |
| Page 1 Of1 K (1) | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

On the SWIFTNet FTA Connector Definition Summary screen, specify the fields.
 For more information on fields, refer to the field description table.



| 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 |

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

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.



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

The Distinguished Name Definition screen displays.



Figure 1-23 Distinguished Name Definition

| inguistieu Name Demitton | |
|--------------------------|--|
| New 🏳 Enter Query | |
| Distinguished Name ID * | |
| Distinguished Name * | |
| Description | |
| | |
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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.



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

The Distinguished Name Definition Summary screen displays.



| L. | Search (X) Reset | Clear All | | | | Records per page | 15 |
|----------------------|-------------------|------------|-------------------------|--------------------|-----------------------|------------------|----|
| Search (Case Sensit | ve) | | | | | | |
| Authorization Sta | tus | • | Record Status | • | Distinguished Name ID | | |
| Distinguished Na | me | Q | | | | | |
| Search Results | | | | | 1 | Lock Columns 0 | • |
| Authorization Status | © Recor | d Status 🗘 | Distinguished Name ID 🗘 | Distinguished Name | Descri | ption 🗘 | |
| No data to display. | | | | | | | |
| Page 1 Of1 K 4 | 1 ▶ > | | | | | | |
| | | | | | | | |
| | | | | | | | |
| Page 1 Of 1 K 4 | 1 → > I | | | | | | |

Figure 1-24 Distinguished Name Definition Summary

2. 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.

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

- 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.



1. 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

| De Bulk Rule Definitio | n | | 1 |
|------------------------|------|--------------------|----------|
| New 🟳 Enter Query | | | |
| Debulk Rule Name * | | | |
| Payload Delimiter | | | |
| Protocol | MQHA | | |
| Decompression Required | | Description | |
| | | Decompression Type | |
| | | | |
| | | | |
| | | | |
| | | | |
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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 decompre | |
| 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.



The fields which are marked in asterisk are mandatory.

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 |
|-------------|-------------|------------|---------|
|-------------|-------------|------------|---------|

| Authorization Status Protocol | • • | Record Status | Debulk Rule Name | |
|----------------------------------|---------------|---------------|---------------------|---------------|
| Search Results | | | Loc | k Columns 0 🗸 |
| Authorization Status 🗘 | Record Status | | Payload Delimiter 🗘 | Protocol 0 |
| No data to display. | | | | |
| age 1 Of1 K ◀ 1 ▸ >I | | | | |

2. On Debulk Rule Definition Summary screen, specify the details.

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

| 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.

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



- 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.



| onnectivity Operation Mana | ager | | |
|---|-------------------------------|----------|-------------|
| Enter Query | | | |
| Connectivity Line Operation Type Search | Q • | | |
| | | | + - 1 |
| □ Connectivity Line ≎ | Operation Type 🗘 | Status 🗘 | Operation 0 |
| No data to display. Page 1 (0 of 0 items) < 4 1 |) × ×I | | |
| Start | Stop | | |
| | | | |
| | COMPANY OF COMPANY OF COMPANY | | E |

On the Connectivity Operation Manager screen, specify the fields.
 For more information on fields, refer to the field description table.

| Table 1-29 | Connectivity (| Operation N | 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.

| Note: | |
|--|--|
| 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

| Search (Case Sensitive) | | | | | | | | | |
|--------------------------------|-------------|------------------|------------------|----------------|--------------|--------------------|---------------|-----------|--------------|
| File Reference Number | | Q | File | Гуре | a | Genera | ated Date | | Q |
| Handoff Status Network Code | | Q Q | File St Mo | atus dule | 0 | | Media | | Q |
| Search Results | | | | | | | Lock | columns 0 | • |
| □ File Reference Number ≎ | File Type 🗘 | Generated Date 🗘 | Handoff Status 🗘 | Receiver BIC 0 | Sender BIC 🗘 | File Format Type 🗘 | File Status 🗘 | Media 🗘 | Network Code |
| No data to display. | | | | | | | | | |
| Page 1 Of1 K 41+ | N | | | | | | | | |

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

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

| Table 1-30 Outbound File Browser - Field Descript |
|---|
|---|

| 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.

Note:

The fields which are marked in asterisk are mandatory.

 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

| Search (Case Sensitive) File Reference No Q Host Code Q Received Date MM/DD/YYYY File Name Q Status Q Status Q Received Date MM/DD/YYYY File Name Q Status Code Q Q Received Date MM/DD/YYYY Search Results Comparison Q Status Code Code Media Code Code Code Code Code Code Code Code Code Code Code | Q Host Code Q Received Date MM/DD/YYYY Mm/DD/YYYY Q Source Code Q Mm/DD/YYYY Mm/DD/YYYY Mm/DD/YYYY Mm/DD/YYYY V Source Code Q Q Network Code Color Source Code Q Mm/DD/YYYY Mm/DD/YYYY Mm/DD/YYYY Fige 0 Received Date Network Code Color Source Code Color Media Source Code Color | Search Et Advanced Search | Reset 🖺 Clear All | | | | | | | | Records per j | bage 15 | - |
|--|--|---------------------------------|--------------------|-----------------|----------------|------------|---------------|---------|-------------|------------------------------|------------------------|-----------|------|
| File Reference No Q Host Code Q Received Date MM/DD//YYYY Status Q Source Code Q Media MM/DD//YYYY File Name Q Swift Net Connector Name Q Media MM/DD//YYYY Search Results Lock Columns Q Source Code 2 Media O Pile Reference No 2 Host Code 2 Received Date 2 Network Code 2 Source Code 2 Media D | Q Host Code Q Received Date MM/DD/VYYY Image: Code Code Code Code Code Code Code Code | earch (Case Sensitive) | | | | | | | | | | | |
| Status Q Source Code Q Media File Name Q Suitt Net Connector Name Q Media File Name Q Network Code Q Status Q Source Code Q Media Q File Name Q Suitt Net Connector Name Q Status Q Source Code Q Media Q File Name Q Status Q Source Code Q Media Q File Name Q Status Q Source Code Q Media Q File Name Q Status Q Source Code Q Media Q File Name Q Status Q Source Code Q Media Q File Name Q Status Q Source Code Q Media Q File Name Q Status Q Source Code Q Media Q File Name Q Status Q Source Code Q Media Q File Name Q Status Q Source Code Q Media Q File Name Q Status Q Status Q Source Code Q Media Q File Name Q Status Q Status Q Source Code Q Media Q File Name Q Status Q Status Q Source Code Q Media Q File Name Q Status Q Status Q Source Code Q Media Q File Name Q Status Q | Q Source Code Q Q Swift Net Connector Name Q | File Reference No | | Q | | Host Code | | | Q | Received Date | MM/DD/YYYY | | Ē |
| File Name Q Swift Net Connector Name Q Lock Columns 0 | Q Swift Net Connector Name Q Ltdk Column | Status | | Q | s | ource Code | | | Q | Media | | | (|
| Search Results | Lock Columns 0 + Lock C | File Name | | Q | Swift Net Conn | ector Name | | | Q | | | | |
| File Reference No © Host Code © File Format Tope © Received Date © Network Code © Status © Source Code © Media © File Name © Swift Net Connector Name © External Reference © Error Code © | t Type © Received Date © Network Code © Status © Source Code © Media © File Name © Swift Net Connector Name © External Reference © Error Code © Error | Search Results | | | | | | | | | Lock Columns | 0 | • |
| | | File Reference No ≎ Host Code ≎ | File Format Type 0 | Received Date 3 | Network Code 0 | Status 0 | Source Code 0 | Media 0 | File Name 0 | Swift Net Connector Name C E | xternal Reference © Er | or Code 🗘 | Erro |
| No data to display. | | No data to display. | | | | | | | | | | | |
| age 1 0/1 K (1) X | | Page 1 Of 1 K (1) X | | | | | | | | | | | |
| Page 1 OF1 K 41 > X | | Page 1 Of1 K (1) > | | | | | | | | | | | |
| age 1 011 K 411 > 31 | | Page 1 Of1 K (1 +) | | | | | | | | | | | |
| age 1 off K (1) X | | Page 1 Of1 K (1 +) | | | | | | | | | | | |

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.

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

- 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.

| Armit | Note: The fields which are marked in asterisk are mandatory. |
|-------|---|
| | |

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

The Bulking Preference Definition screen displays.

| Figure 1-30 | Bulkina | Preference | Definition |
|--------------|---------|--------------|------------|
| . igaio ± 00 | Daning | 1 1010101100 | Dennelon |

| WIFTNet FTA Connect | or Definition Su | mmary | | | | 11 |
|--------------------------|--|-----------------|--------------------|--------------------|------------------|------|
| Search | [™] _x) Reset ∐ Clea | r All | | | Records per page | 15 🔻 |
| Search (Case Sensitive) | | | | | | |
| Authorization Status | | Record Status | • | FTA Connector Name | | Q |
| Operation Type | COUT A second of the State | _ | | | | |
| Search Results | | | | | ock Columns 0 | • |
| □ Authorization Status ≎ | | Record Status 🗢 | FTA Connector Name | Operation | n Type ≎ | |
| No data to display. | | | | | | |
| Page 1 Of1 K 41+ > | | | | | | |
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| | | | | | | |
| | | | | | | 100 |

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



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

 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. |



| 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: Zip GZip |
| 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. |

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

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 Bulking Preference Definition Summary screen displays.

| Fiaure 1-31 | Bulking Preference | Definition | Summarv |
|-------------|---------------------------|------------|----------|
| | | | <u> </u> |

| earch (case Sensitiv | | | | | | | |
|--------------------------------------|-------------------|------------------------|------------------------|------------------|-------------------------------|------------------------------|-----|
| Authorization Statu Bulk Initiate | s | • • | Record Status | • | Bulk Preference Name | | Q |
| Search Results | | | | | | Lock Columns 0 | • |
| Authorization Status | C Record Status C | Bulk Preference Name 🗘 | Max Number of Messages | ≎ Size (in KB) ≎ | Bulk File Name Prefix 🗘 Maxim | mum size of Bulk File (in KB | ≎ в |
| No data to display. | | | | | | | |
| Page 1 Of 1 K 4 1 | ► > | | | | | | |

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 D | efinition 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.

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

The Bulk Monitor Summary screen displays.

Figure 1-32 Bulk Monitor Summary

| Execution Start Data | MM /DD /YYYY | | No Of Filos Go | porated | | 0 | | Statur | | 0 |
|------------------------|------------------------|----------------|----------------|----------|----------------------|---------|-------------------|-------------------|----------|---------------|
| Bulk Preference Name | | Q | Execution Er | nd Date | MM/DD/YYYY | | Process Reference | e Number | | C |
| Search Results | | | | | | | | Lock Colu | umns 0 | • |
| Execution Start Date 🗘 | Execution Start Time 🗘 | No Of Files Ge | enerated 🗘 S | itatus 🗘 | Bulk Preference Name | C Execu | tion End Date 🗘 | Execution End Tim | e 🌣 Proc | ess Reference |
| No data to display. | | | | | | | | | | |
| Page 1 Of1 K ◀ 1 ▸ | Ж | | | | | | | | | |

2. On the Bulk Monitor Summary screen, specify the fields.



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

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

| Bulk Monitor | | ;;× |
|--------------------------|------------------------|------|
| Enter Query | | |
| Process Reference Number | | |
| Execution Start Date | | |
| Execution Start Time | | |
| Execution End Date | | |
| Execution End Time | | |
| Status | | |
| Bulk Preference Name | | |
| No Of Files Generated | | |
| Error Code | | |
| Error Parameter | | |
| Error Description | P | |
| | Regenerate | |
| | Initiate Adhoc Bulking | |
| | | |
| | | Exit |

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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