

Oracle® Banking Electronic Data Exchange for Corporates User Guide



Release 14.7.5.0.0
G15288-01
October 2024

The Oracle logo, consisting of a solid red square with the word "ORACLE" in white, uppercase, sans-serif font centered within it.

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Preface

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Purpose

This manual provided detailed information about the various functions of Oracle Banking Electronic Data Exchange for Corporates along with the instructions.

It also gives an overview of the various stages of file processing and the associated maintenances.

Audience

This manual is intended for the following User/User Roles:

Role	Function
Back Office Clerk	Input functions & Maintenance except Authorization
Back Office Managers/ Officers	Authorization functions and maintenance of static data specific to the Bulk Data Processing
Product Managers	Product definition and authorization. PM Query functions

Acronyms and Abbreviations

Abbreviation	Detailed Description
OBEDX	Oracle Banking Electronic Data Exchange
OBVAM	Oracle Banking Virtual Account Management
OBPM	Oracle Banking Payments
ACK	Acknowledgment
NACK	Negative Acknowledgment

Documentation Accessibility

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Glossary of Icons

Below table lists icons that are used across the Oracle Banking Electronic Data Exchange for Corporates application.

Table 1 Glossary of Icons

















Icon	Function
	Edit Record
	Close
	Collapse
	Expand
	Options
	Refresh
	Search
	Delete a row or Record
	Bar View

Table 1 (Cont.) Glossary of Icons

Icon	Function
	Donut View
	Graph View
	Table View
	List View
	Authorize
	Unlock
	View

Screenshot Disclaimer

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

1

Transaction Host Integration Matrix

Sr No	File Uploads	Canonical Format	Integration Pattern	Product Processor Integration
1	Payments	PAIN001V6	File Based	Oracle Banking Payments (OBPM) 14.7.2.0.0
2	Virtual Account Open	CSV	API Based	Oracle Banking Virtual Account Management (OBVAM) 14.7.2.0.0
3	Virtual Account Close	CSV	API Based	Oracle Banking Virtual Account Management (OBVAM) 14.7.2.0.0
4	Add Special Rates	CSV	API Based	Oracle Banking Virtual Account Management Interest & Charges (OBVAM-IC) 14.7.2.0.0
5	Statements	MT950	File Based	None
6	Payments	PAIN001V9	File Based	Oracle Banking Payments (OBPM) 14.7.5.0.0

2

Oracle Banking Electronic Data Exchange for Corporates - Overview

- [Introduction](#)
- [Dashboard](#)

2.1 Introduction

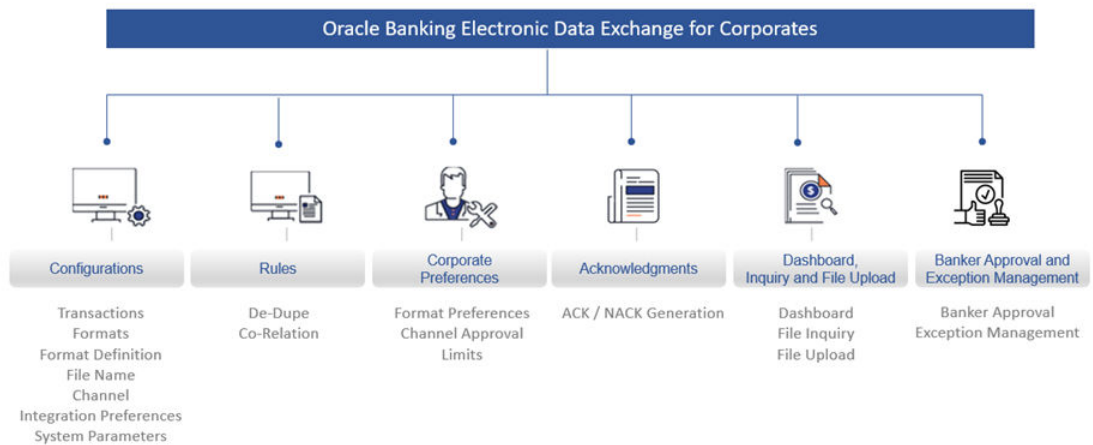
'Oracle Banking Electronic Data Exchange for Corporates' is a comprehensive solution for orchestrating high volume transaction files across bank's portal and product processors, once received by the financial institutions from their corporate clients.

Oracle Banking Electronic Data Exchange for Corporates not only provides data orchestration capabilities, it also provides the mechanism to send acknowledgments and responses to the corporates at various stages of the file processing. The detailed file enquiry feature of the product provides the file/record status, error encountered and the pending statuses of the file to the bank user.

Electronic Data Exchange comes pre-integrated with Oracle Digital Banking Experience (internet/channel banking product) and facilitates the approval of files on channel banking, if the corporate wishes to.

Oracle Banking Electronic Data Exchange for corporates is introduced to meet various challenges faced by financial institutions in the Corporate Banking segment in processing bulk data. The below diagram provides a synopsis of functionalities present in the system:

Figure 2-1 Synopsis of Functionalities Developed



Let us understand the Oracle Banking Electronic Data Exchange for Corporates and its features which are divided in the following sections:

- Dashboard
- Configuration
 - Transaction Maintenance
 - Format Maintenance
 - Format Definition
 - File Name Template Maintenance
 - Channel Maintenance
 - Corporate Preference
 - Integration Preferences
 - De-Dupe Rule Maintenance
 - Co-Relation Rule Maintenance
 - System Parameters Maintenance
- File Upload
- Multi Level ACK/NACK
- File Inquiry
- Banker Approval
- Exception Management

2.2 Dashboard

Dashboard widgets provides the summary of key information about processed files. The graphical representation will help the bank user analyze the data to decide future course of action.

The dashboard is organized in the form of widgets. Role based access can be granted to the bank users. Bank user can drag, resize, and auto adjust the size, and expand / collapse the widget.

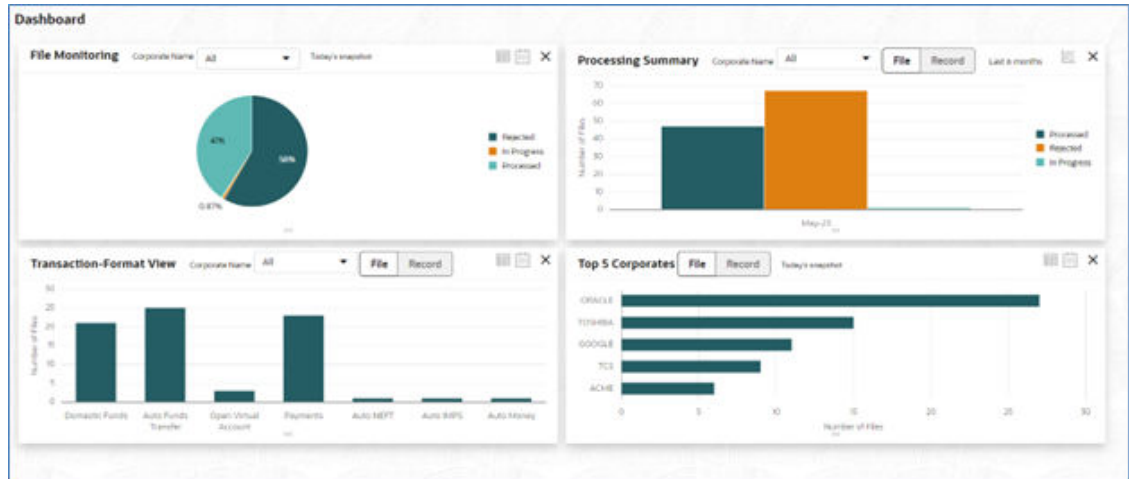
You can perform following actions on the dashboard:

- To add a widget, click the (+) icon located at the top-right corner.
- To remove a widget, click the (x) icon located at the top-right corner.
- To flip the widget view, click the Flip Forward (<) or Flip Back (>) icon.
- To change the widget's position, click and hold the "Drag to reorder" (.....) icon at the widget's bottom - centre and then move widget to the desired position.
- To apply filter on the widget's data, click the Filter () icon to view the pop-up select filter values.

Post login, following widgets are available on the dashboard:

1. File Monitoring
2. Transaction – Format View
3. Processing Summary
4. Top 5 Corporates

Figure 2-2 Dashboard

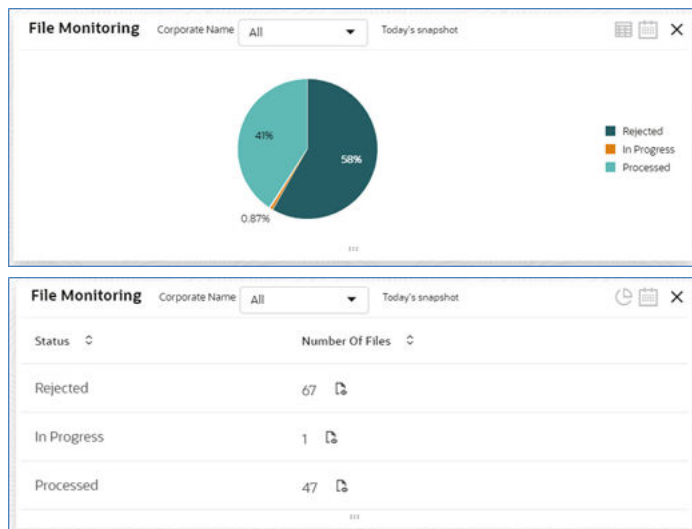


- File Monitoring
- Processing Summary
- Top 5 Corporates

2.2.1 File Monitoring

This widget displays the processing status wise break up, in the form of a pie chart or a table, for the files received during the day. A sample snapshot of a day:

Figure 2-3 File Monitoring

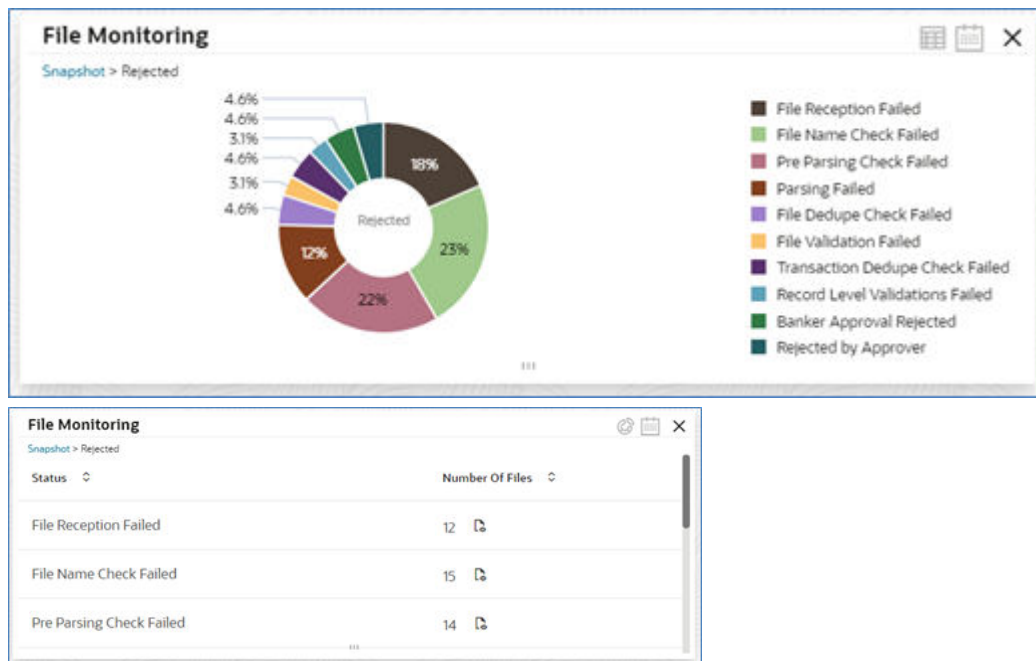


The following details are displayed in the widget:

- Hover the pie chart slice to view the file count
- Percentage of status in each pie

- Status legends
- Filter the files based on Corporate
- Filter the data based on the date range
- Click on Table view icon, to view the total number of the files received across status
- Click on the File eye view to view the Inquiry details of the files for the respective status
- Each status can be further drilled down to know the actual status of the file.

Figure 2-4 File Monitoring



The following details are displayed in the widget:

- Hover the pie chart slice to view the file count
- Percentage of status in each pie
- Status legends
- Filter the data based on the date range
- Click on Table view icon, to view the total number of the files received across status
- Click on the File eye view to view the Inquiry details of the files
-

The bank user can perform following actions on Today's snapshot widget:

- Based on the transaction category selected from the drop-down, the pie chart will display the status wise break-up in percentage terms.
- When "All" is selected in the drop-down menu, data corresponding to All corporates will be displayed
- To view the file count instead of percentage break-up, click on flip button at the top-right

The columns in the widget are as below:

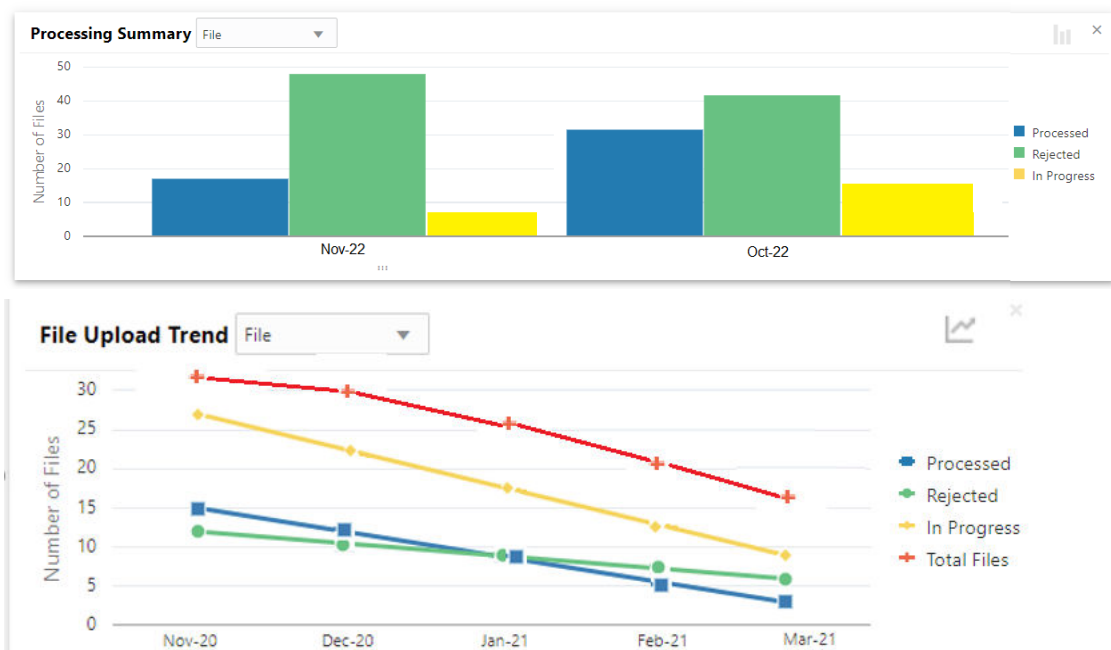
Table 2-1 Columns in the widget

Column	Description
Status	Displays the logical statuses traversed by a file
Number of Files	Displays the count of files available under logical status and the file eye view to redirect to the File Inquiry screen

2.2.2 Processing Summary

This widget displays the total files uploaded by the corporate user using Oracle Banking Electronic Data Exchange for Corporates platform in the past six months. The count of processed and rejected files for each month is displayed in a bar chart or line graph. A sample of the upload summary:

Figure 2-5 Upload Summary



The following details are displayed in the widget:

- Bar chart representing the count of files uploaded by corporates
- Bar charts showing monthly count of Processed, Rejected, In Progress files in the past six months

The Bank user can perform following actions on the Upload Summary widget:

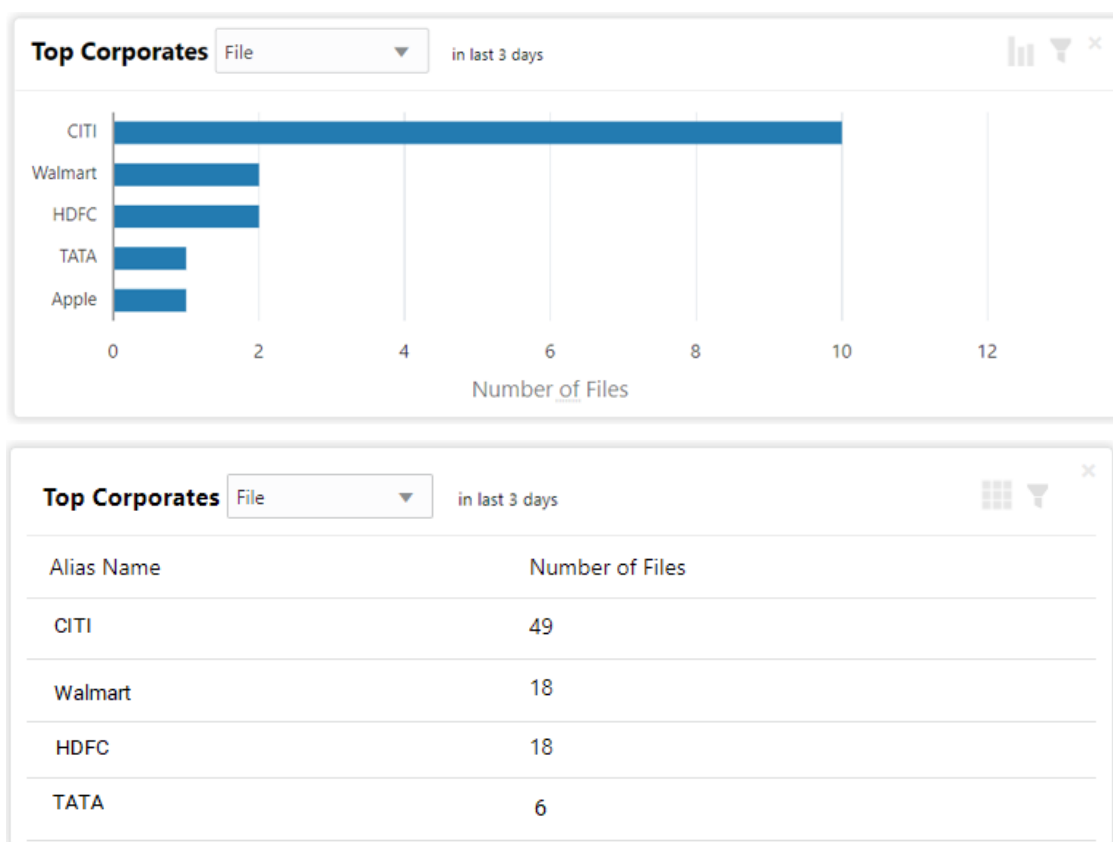
User can drill down his search to view the Total Record count that has been received by Oracle Banking Electronic Data Exchange for Corporates platform for processing within file, with status of either processed or rejected.

- On click of the graph button at the top-right views, File Upload trend with Line graph will be displayed, which represents the data as a line, as a series of data points, or as data points that are connected by a line. The Line graph will indicate the total number of files count across Y-axis and last 6 months details at X-axis. The graph represents total number of files that have been received with respect to processed and rejected status.

2.2.3 Top 5 Corporates

This widget displays the corporate traffic, in terms of the maximum files or records sent for processing. The metrics help provide quicker turnaround to the most 5 active corporates. Information is represented in the form of a horizontal bar graph or a tabular view. A sample of the upload summary:

Figure 2-6 Top Corporates



The following details are displayed in the widget:

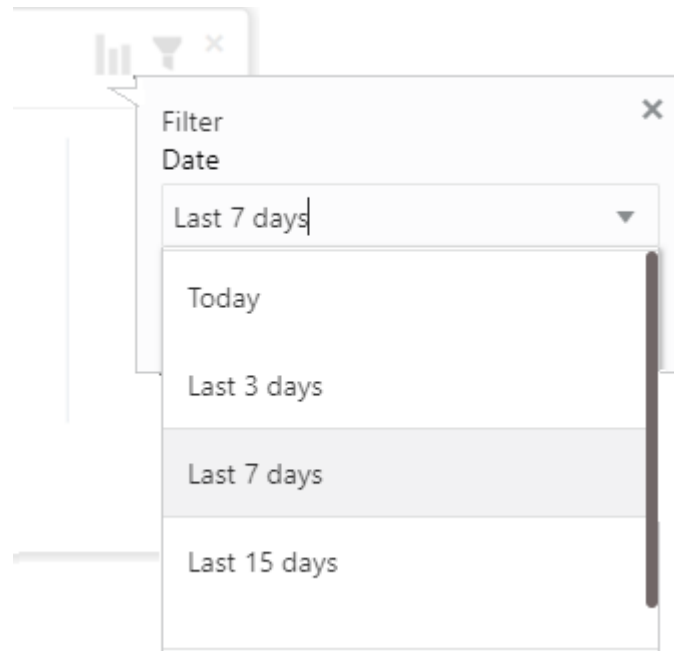
- Vertical bar graph represents top corporates who sent maximum file for processing
- By default, today's data will be displayed for each corporate, however it can be filtered out based on the date filter.

The Bank user can perform following action on the Top 5 Corporates widget:

- User can drill down the search to view top five corporates details who have sent maximum number of records for processing on H2H connectivity.

- User can filter top five corporates' details to view data received for a particular duration. Possible values include Previous day, Current month, Previous month and manual date range.

Figure 2-7 Filtered Top Corporates



- On click of flip button at the top-right views, summary of the total number of files for top corporates for last 3 days will be displayed.

Table 2-2 The columns in the widget

Column	Description
Corporate Name	Displays the alias name of the corporate
Number of Files	Displays the count of files available under logical status and the file eye view to redirect to the File Inquiry screen

3

Configuration

- [Introduction](#)
- [Transaction Maintenance](#)
- [Format Maintenance](#)
- [File Name Template Maintenance](#)
- [Channel Maintenance](#)
- [System Parameters Maintenance](#)

3.1 Introduction

There are certain configurations, which are required by Bank user to setup Reference data for Transaction Maintenance, Format Maintenances, File Name Maintenance, Channel Maintenance, Corporate Preferences, De-Dupe Rule Maintenance, Co-Relation Rule Maintenance etc. These maintenances are the prerequisites and should be maintained for Oracle Banking Electronic Data Exchange for Corporates to start processing of files.

This section will cover below mentioned Reference Data Maintenances:

- Transaction Maintenance
- Format Maintenance
- Format Definition and Mapping
- File Name Maintenance
- Channel Maintenance
- Corporate Preference
- Integration Preferences
- De-Dupe Rule Maintenance
- Co-Relation Rule Maintenance
- System Parameters Maintenance

***Maintaining Core Reference Data**

Your bank needs to set up certain core reference data for the Oracle Banking Electronic Data Exchange for Corporates system to work such as list of country, currency, customer category, list of holidays, list of banks, branch, FX rates etc.

Refer to the '**Oracle Banking Common Core User Guide**' for setting up core reference data.

3.2 Transaction Maintenance

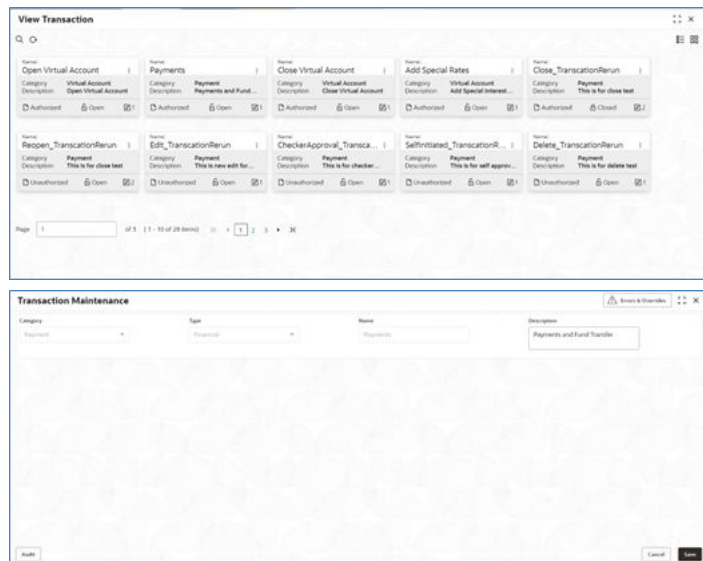
This screen allows the bank user to view the various transactions for which corporate can opt for sending data for processing. **View Transaction Maintenances:**

By using this screen, user can View and Close the Transaction Maintenance.

Navigation Path:

From the **Electronic Data Exchange**, select **Maintenance**, click **Transaction**, and then click **View Transaction**

Figure 3-1 View Transaction



1. Refer to the following table for specifying details in the above screen:


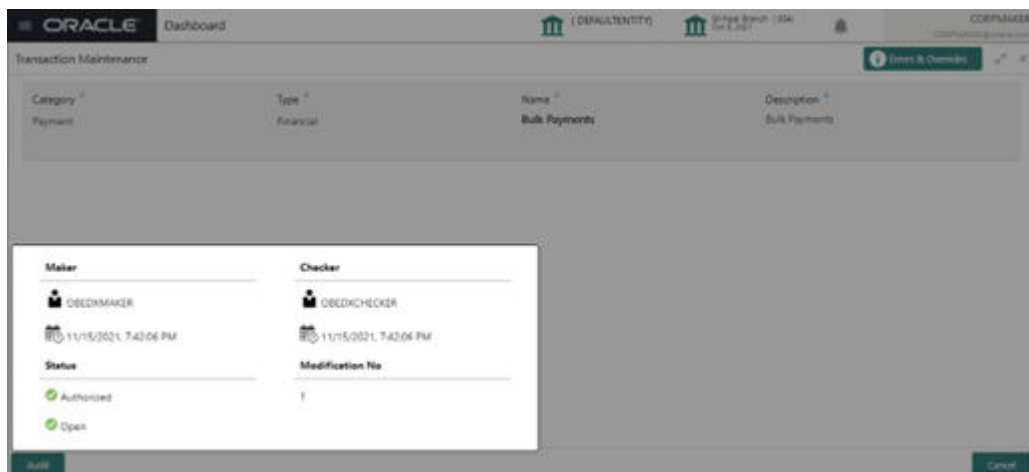
 **Note:**
Fields marked with '*' are mandatory.

Table 3-1 Field Description

Field Name	Description
Category *	Transaction Category for the transaction being setup
Type *	Transaction Type that specifies whether it is Financial or Non-Financial type
Name *	The unique name of the transaction.
Description *	Description for the transaction Name

2. Click on '**Audit**' to view the event of operation performed on maintenance.

Figure 3-2 Event of operation performed



Perform the following steps to take actions on the Transaction Details. Click the Options (⋮) icon and then click any of the below option:

<p>1. Authorize</p>	<p>To authorize the record. Authorizing requires necessary access rights.</p> <ul style="list-style-type: none"> Optional: Click View to view the record details. Select the record to authorize and then click Approve.
<p>2. Delete</p>	<p>To delete the data permanently, which is not yet authorize.</p>
<p>3. Close</p>	<p>To close record temporary</p> <ul style="list-style-type: none"> Optional: On the confirmation pop-up window, enter the remark for closing. Click Confirm to close the record.
<p>4. Reopen</p>	<p>To reopen the maintenance record which is temporary Closed</p>
<p>5. View</p>	<p>To view the Transaction Maintenance details.</p>

Out of the box OBEDX supports below transactions –

1. Payments
2. Open Virtual Account
3. Close Virtual Account
4. Add Special Rates
5. Statements

3.3 Format Maintenance

Oracle Banking Electronic Data Exchange for Corporates provides master maintenance for all the formats supported for different transaction types at the Bank level.

This maintenance will be used to create, view and edit the formats that needs to be supported under a specific Transaction Category and Response Type.

Create Format Maintenance:

This screen is used to create Format Maintenance.

Navigation Path:

From the **Electronic Data Exchange**, select **Maintenance**, click **Format**, and then click **Create Format**

Figure 3-3 Create Format

1. Refer to the following table for specifying details in the above screen.

Note:

Fields marked with '*' are mandatory.

Table 3-2 Field Description

Field Name	Description
Identifier *	Enter the value for unique Format Identifier
Description *	Enter the Description for Format Identifier
Effective Date *	Select start date for format identifier since when the file format will be active

Table 3-2 (Cont.) Field Description

Field Name	Description
Expiry Date *	Enter the expiry date of format identifier, after which the selected format should be discontinued
Version *	Enter version number for Format Identifier
Transaction Category *	Select the Transaction Category from available list for which format identifier in being created
Type *	Select the format type, from the list of all format type supported by Bank to create format maintenance
Format Category *	Select format category from available list to create format maintenance
Maximum Payload Size (in KB) *	Enter value for maximum payload size allowed
Maximum Records in Payload *	Enter the value of maximum records allowed in single file upload
Encoding *	Select the Encoding value from available list to create format maintenance

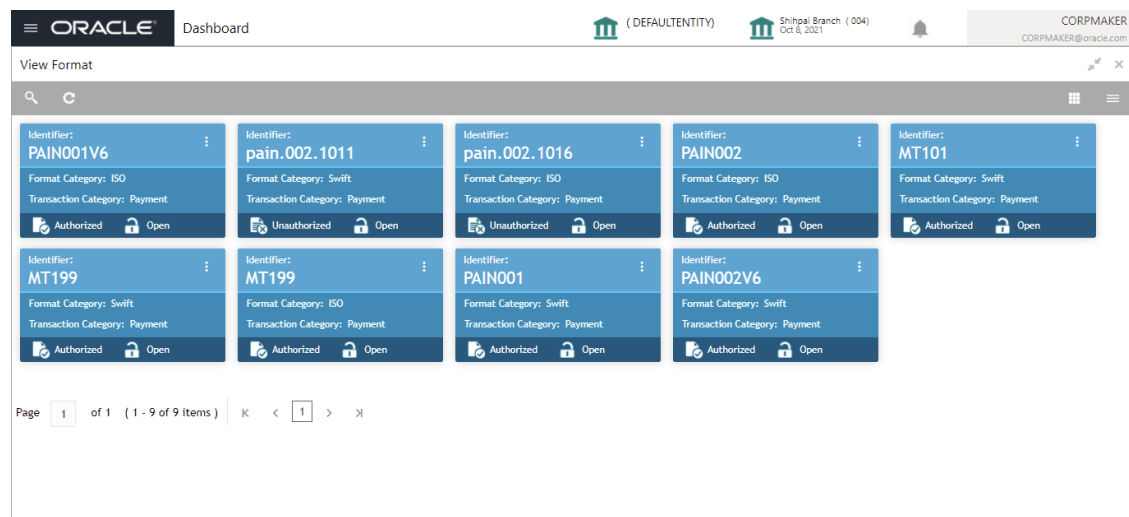
View Format Maintenances:

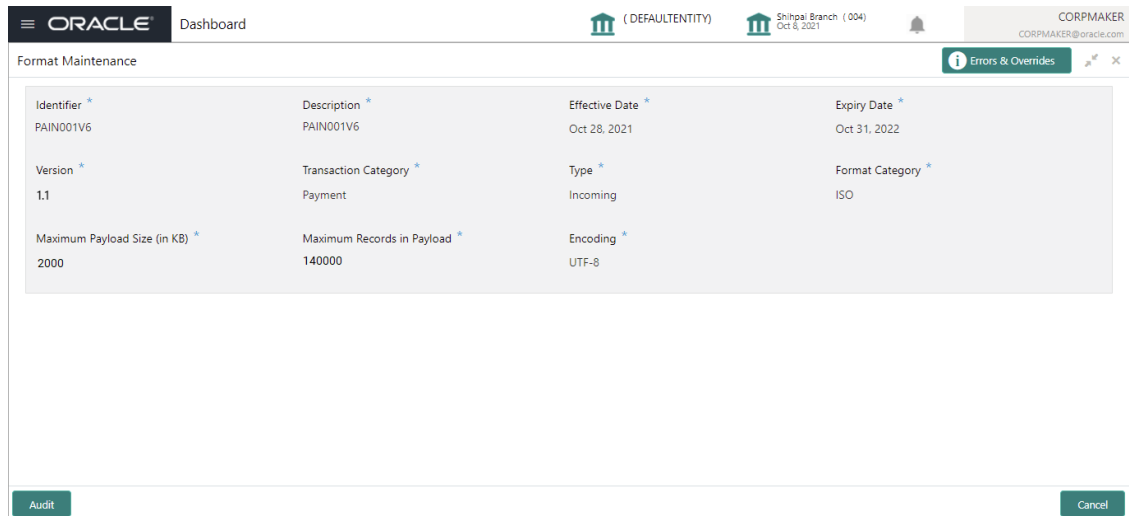
By using this screen, user can View, Modify, Delete or Authorize the Format Maintenance.

Navigation Path:

From the **Electronic Data Exchange**, select **Maintenance**, click **Format**, and then click **View Format**

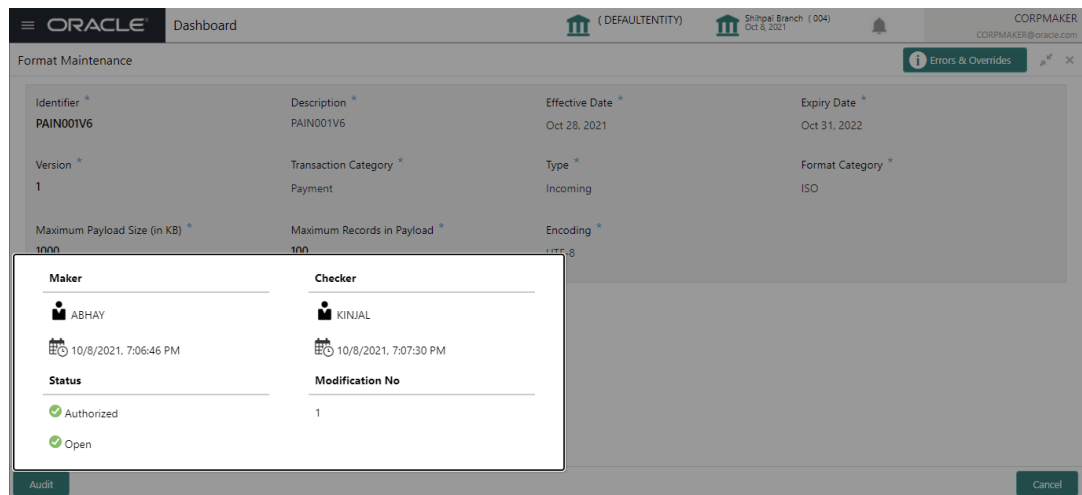
Figure 3-4 View Format





1. Click on **'Audit'** to view the event of operation performed on maintenance.

Figure 3-5 Event of operation performed



Perform the following steps to take actions on the Format Details. Click the Options (⌵) icon and then click any of the below option:

<p>1. Unlock</p>	<p>To modify the record details. Refer to the Create Format Maintenance section for field level details.</p>
<p>2. Authorize</p>	<p>To authorize the record. Authorizing requires necessary access rights.</p> <ul style="list-style-type: none"> • Optional: Click View to view the record details. • Select the record to authorize and then click Approve.

	<ul style="list-style-type: none"> Record can also be Rejected by clicking Reject.
3. Delete	To delete the data permanently, which is not yet authorize.
4. Close	To close record temporary <ul style="list-style-type: none"> Optional: On the confirmation pop-up window, enter the remark for closing. Click Confirm to close the record.
5. Reopen	To reopen the maintenance record which is temporary Closed
6. View	To view the Format Maintenance details.

3.4 File Name Template Maintenance

File name template is used to define a naming convention for various types of files -incoming, outgoing, ACK-NACK and handoff messages.

File name template allows user to create the naming convention with the help of predefined attributes (like transaction name, format name, alias, date etc.). User can decide the order of these attributes as per naming convention and provide the length, padding characters along with the delimiter, if any. The naming convention aids the system in reading the Meta data from the file name and process the file accordingly.

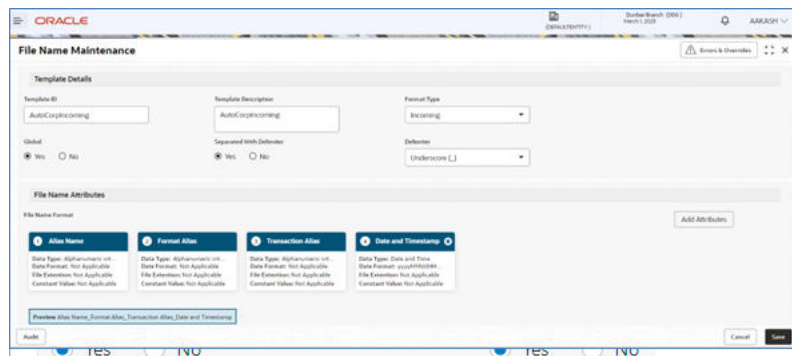
Create File Name Template:

This screen is used to create File Name Template.

Navigation Path:

From the **Electronic Data Exchange**, select **Maintenance**, click **File name**, and then click **Create File Name Template**

Figure 3-6 Create File Name Template



1. Refer to the following table for specifying details in the above screen:

 **Note:**

Fields marked with '*' are mandatory.

Table 3-3 Field Description




Field Name	Description
Template Details	
Template ID *	Enter a unique Template ID, to create the file name template.
Template Description *	Enter the description for the File Name Template
Format Type *	Select the format type for the File name Template from either of available list <ul style="list-style-type: none"> • Incoming • Outgoing • Acknowledgement • Negative Acknowledgement • Handoff • Handoff Response
Global *	Select if the Template is Global or Non –Global
<div style="border: 1px solid #ccc; padding: 10px; margin: 10px 0;"> <p> Note:</p> <p>Selection of this Flag will be not allowed when Format Type is selected as Handoff & Handoff Response ,because this flags are being used for internal bank communication</p> </div>	
Separated with Delimiter *	Select if the File template is with or without Delimiter
Delimiter *	Select the type of Delimiter that will be used to segregate the attribute in file name
<div style="border: 1px solid #ccc; padding: 10px; margin: 10px 0;"> <p> Note:</p> <p>Display If Separated with Delimiter is selected as "Yes"</p> </div>	
File Name Attributes	
Add Attributes *	Click on this button to add List of attributes expected in File template from available list
<div style="border: 1px solid #ccc; padding: 10px; margin: 10px 0;"> <p> Note:</p> <p>If user selects "Separated with Delimiter " as "Yes" then he will be allowed to add Attributes ,but attributes maintenance (Length, Data Type, Padding details) will not be allowed</p> </div>	

Table 3-3 (Cont.) Field Description







Field Name	Description
Attribute Name *	Name of the attributes for which data fields is being setup will be displayed here
Rename Fields *	Enter name of the attribute, which is expected in the file template and not available in the current attribute list.
	<div style="border: 1px solid #0070C0; padding: 10px; background-color: #E6F2FF;"> <p> Note:</p> <ul style="list-style-type: none"> • Only populate this field when the user selects Free Field as one of the expected attribute in the File Template. • User can update the name of this field with any value </div>
Data Type *	Select the Data type for attribute, which is being added in file name template.
	<div style="border: 1px solid #0070C0; padding: 10px; background-color: #E6F2FF;"> <p> Note:</p> <ul style="list-style-type: none"> • In case of attribute is selected as "File Extension", user will be allowed to enter only extension name and data type as Alphanumeric. • Attribute specific Rest of the fields will be non-Editable to user. • If user selects attribute as "Free Field " as per the requirement ,then the new data type "Constant" will be available for user to select from data type dropdown. • With data type as "Constant "user is allowed to update only Field Name and Rest of the attribute specifics fields will be non-Editable to user. </div>
Length *	Specify the length of each individual attribute
	<div style="border: 1px solid #0070C0; padding: 10px; background-color: #E6F2FF;"> <p> Note:</p> <ul style="list-style-type: none"> • If the Data type is selected for any Renamed Free field attribute as "Constant ", then Length will disabled for the user to edit or enter • Display only if Separated with Delimiter is selected as "No" </div>

Table 3-3 (Cont.) Field Description

Field Name	Description
Padding Character *	Specify the padding character expected in corporate file
	<div style="border: 1px solid #ccc; background-color: #e6f2ff; padding: 10px;"> <p> Note: Display only if Separated with Delimiter is selected as "No"</p> </div>
Padding Position *	Select the position of pad character in corporate file
	<div style="border: 1px solid #ccc; background-color: #e6f2ff; padding: 10px;"> <p> Note: Display only if Separated with Delimiter is selected as "No"</p> </div>
Date and Time Format*	Select the date and time format expected in File Name
	<div style="border: 1px solid #ccc; background-color: #e6f2ff; padding: 10px;"> <p> Note: Populate this field when Date and Time Format is selected as one the file name attribute</p> </div>

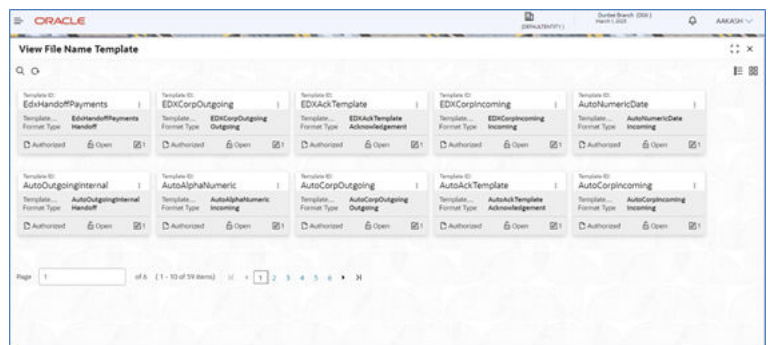
View File Name Template:

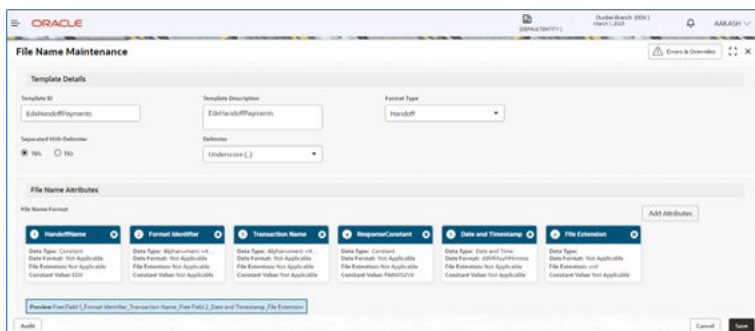
By using this screen, user can View, Modify, Delete or Authorize the File Name Template Maintenance.

Navigation Path:

From the **Electronic Data Exchange**, select **Maintenance**, click **File Name**, and then click **View File Name Template**

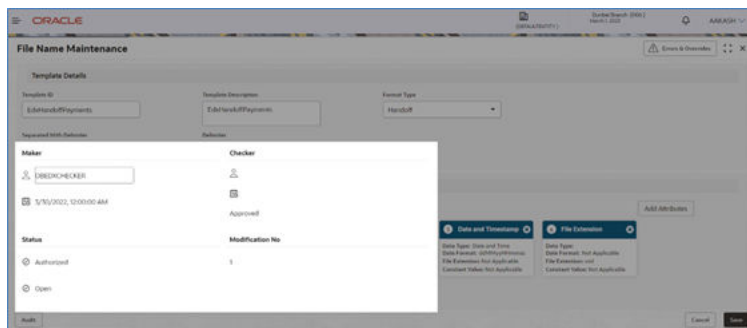
Figure 3-7 View File Name Template






1. Click on 'Audit' to view the event of operation performed on maintenance.

Figure 3-8 Event of operation performed



Perform the following steps to take actions on the File Name Template Details. Click the Options () icon and then click any of the below option:

<p>1. Unlock</p>	<p>To modify the record details. Refer to the Create File Name Template Maintenance section for field level details.</p>
<p>2. Authorize</p>	<p>To authorize the record. Authorizing requires necessary access rights.</p> <ul style="list-style-type: none"> • Optional: Click View to view the record details. • Select the record to authorize and then click Approve. • Record can also be Rejected by clicking Reject.
<p>3. Delete</p>	<p>To delete the data permanently, which is not yet authorize.</p>
<p>4. Close</p>	<p>To close record temporary</p> <ul style="list-style-type: none"> • Optional: On the confirmation pop-up window, enter the remark for closing. • Click Confirm to close the record.

5. Reopen	To reopen the maintenance record which is temporary Closed
6. View	To view the File Name Template Maintenance details.

3.5 Channel Maintenance

Channel maintenance allows the bank user to define the incoming channel/medium for file exchange into Electronic Data Exchange system. Channels can be 'Global' or 'Non-Global'. Global channels can be used by any corporate, whereas Non Global channels are defined for a specific corporate.

Create Channel Maintenance:

This screen is used to create Channels.

Navigation Path:

From the **Electronic Data Exchange**, select **Maintenance**, click **Channel**, and then click **View Channel**

Figure 3-9 Create Channel

1. Refer to the following table for specifying details in the above screen:



Note:

Fields marked with '*' are mandatory.

Table 3-4 Field Description

Field Name	Description
Channel Details	
Channel Name *	Enter Channel Name to Create new channel

Table 3-4 (Cont.) Field Description








Field Name	Description
Channel Description *	Enter the description for the Channel
Direction *	Specify the direction of the channel maintenance, which is being setup.
	<div style="border: 1px solid #0070C0; padding: 10px; background-color: #E6F2FF;"> <p> Note:</p> <ul style="list-style-type: none"> a. Incoming – External (Corporate à Bank) b. Outgoing – External (Bank à Corporate) c. Incoming – Internal (Bank’s Product Processor à Oracle Banking Electronic Data Exchange for Corporate) d. Outgoing – Internal (Bank à Bank’s Sub System) </div>
Type *	Specify the channel type - Folder or Message based
	<div style="border: 1px solid #0070C0; padding: 10px; background-color: #E6F2FF;"> <p> Note:</p> <p>This field will be displayed only when Direction is selected as Incoming – External or Incoming – Internal</p> </div>
Folder Path *	Enter the folder path ,from where file can be retrieve over channel
Global *	Select if the Channel Maintenance is being setup for Global (Bank level) or Non -Global (Corporate specific channel)
File Name Template *	Select the file name template from backend system to create channel maintenance
	<div style="border: 1px solid #0070C0; padding: 10px; background-color: #E6F2FF;"> <p> Note:</p> <ul style="list-style-type: none"> • If the channel maintenance is being setup for Global Channel then, this field will list down Global File Name templates • If it is for Non-Global Channel then Non-Global File Name templates will be listed here </div>
File Name Template preview	This field will display File Name Template preview
	<div style="border: 1px solid #0070C0; padding: 10px; background-color: #E6F2FF;"> <p> Note:</p> <p>This field will populate File name template orientation, depending on the file name template selected in previous step.</p> </div>

Table 3-4 (Cont.) Field Description

Field Name	Description
Scheduler Name *	Select the scheduler name from available list to map with channel maintenance
	<div style="border: 1px solid #0070C0; padding: 10px; background-color: #E6F2FF;"> <p> Note: This field will be displayed only when Direction is selected as Incoming – External or Incoming – Internal</p> </div>
Frequency	This field will display frequency of the Scheduler selected in previous step
	<div style="border: 1px solid #0070C0; padding: 10px; background-color: #E6F2FF;"> <p> Note: This field will be displayed only when Direction is selected as Incoming – External or Incoming – Internal</p> </div>
Policies (Setup for Direction Incoming – External or Incoming – Internal)	
Concurrency Check *	Select the Concurrency Check Method for channel maintenance
Control File Extension*	Specify the file extension for Control file Concurrency Check
	<div style="border: 1px solid #0070C0; padding: 10px; background-color: #E6F2FF;"> <p> Note: This field will be displayed only if the user selects the control file in Concurrency Check field</p> </div>
Allowed File Size (in KB) *	Specify maximum allowed size for Channel Maintenance in KB
Throttle Size *	Enter the Throttle Size of scheduler

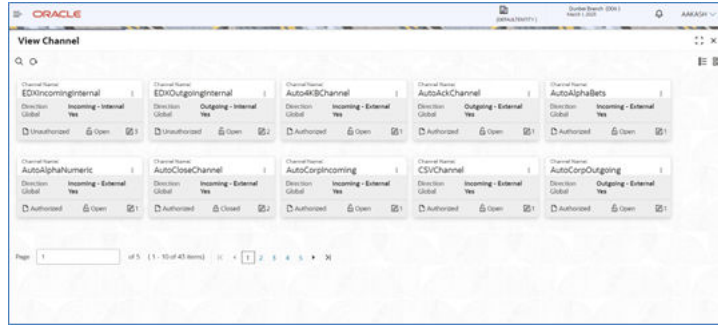
View Channel Maintenances:

By using this screen, user can View, Modify, Delete or Authorize the **Channel** Maintenance.

Navigation Path:

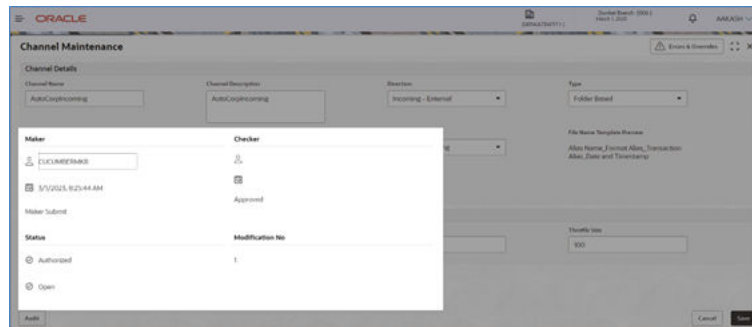
From the **Electronic Data Exchange**, select **Maintenance**, click **Channel**, and then click **View Channel**

Figure 3-10 View Channel



1. Click on 'Audit' to view the event of operation performed on maintenance.

Figure 3-11 Event of operation performed



Perform the following steps to take actions on the Channel Details. Click the Options (⋮) icon and then click any of the below option:

<p>1. Unlock</p>	<p>To modify the record details. Refer to the Create Channel Maintenance section for field level details.</p>
<p>2. Authorize</p>	<p>To authorize the record. Authorizing requires necessary access rights.</p> <ul style="list-style-type: none"> • Optional: Click View to view the record details. • Select the record to authorize and then click Approve. • Record can also be Rejected by clicking Reject.
<p>3. Delete</p>	<p>To delete the data permanently, which is not yet authorize.</p>
<p>4. Close</p>	<p>To close record temporary</p> <ul style="list-style-type: none"> • Optional: On the confirmation pop-up window, enter the remark for closing.

	<ul style="list-style-type: none"> Click Confirm to close the record.
5. Reopen	To reopen the maintenance record which is temporary Closed
6. View	To view the Channel Maintenance details.

3.6 System Parameters Maintenance

System Parameters maintenance allows the bank user to define certain global parameters like Masking Preferences for the inquiry screen. Only edit option is provided for this maintenance as only single system parameter can be maintained for the Oracle Banking Electronic Data Exchange.

Masking Preference can be configured for each transaction wherein bank users can define the fields that needs to be masked. The fields defined by the Bank will be masked on the File inquiry screen and the download inquiry reports.

View System Parameters Maintenance:

This screen is used to edit system parameters.

Navigation Path:

From the **Electronic Data Exchange**, select **Maintenance**, click **System Parameters**, and then click **View System Parameters**

Figure 3-12 View System Parameters

Refer to the following table for specifying details in the above screen.



Note:

Fields marked with '*' are mandatory.

Table 3-5 Field Description

Field Name	Description
Masking Preferences	
Transaction Category *	Select the Transaction Category from available list
Transaction Name *	Select the Transaction Name from available list
Column Name *	Select the column names from the list on which masking is required
Action	Edit or Delete row
Exception Management Parameters	
Exception Management Required *	Select whether exception management is required or not
Days to Auto-Reject Repair Transactions*	Provide number of days based on which system will auto reject the transactions lying in the exception queue and not acted upon by the banker.
Additional Parameters	
Allow Backdated Records *	Select whether to process or reject the backdated records

Perform the following steps to take actions on the System Parameters. Click the Options (⌵) icon and then click any of the below option:

Click on '**Audit**' to view the event of operation performed on maintenance.

Perform the following steps to take actions on the Integration Preferences. Click the Options (⌵) icon and then click any of the below option:

1. Unlock	To modify the record details.
2. Authorize	To authorize the record. Authorizing requires necessary access rights. <ul style="list-style-type: none"> Optional: Click View to view the record details. Select the record to authorize and then click Approve. Record can also be Rejected by clicking Reject.
3. View	To view the System Parameters details.

4

Format Definition and Mapping

- [Format Definition and Mapping](#)

4.1 Format Definition and Mapping

Oracle Banking Electronic Data Exchange for Corporates provides maintenance for format definition and mapping for all the formats delimited and fixed-length format supported for different transaction types at the Bank level.

This maintenance will be used to create, view and edit the format definition that needs to be supported for a specific transaction.

Note: It is not allowed to create multiple maintenance for a same Format Identifier with same Direction & Format Type Category.

Supported File Templates are as given below -

Table 4-1 Field Description

Supported	File Template	Remarks
	Header + Records (Same No. of Columns)	File can contain a header followed by multiple records provided all records contain same number of columns.
	Records(Same No. of Columns)	File can contain multiple records provided all records contain same number of columns.
X	Header + Records (Different No. of Columns)	File can contain a header followed by multiple records with records containing different number of columns.
X	Records (Different No. of Columns)	File can contain multiple records with records containing different number of columns.

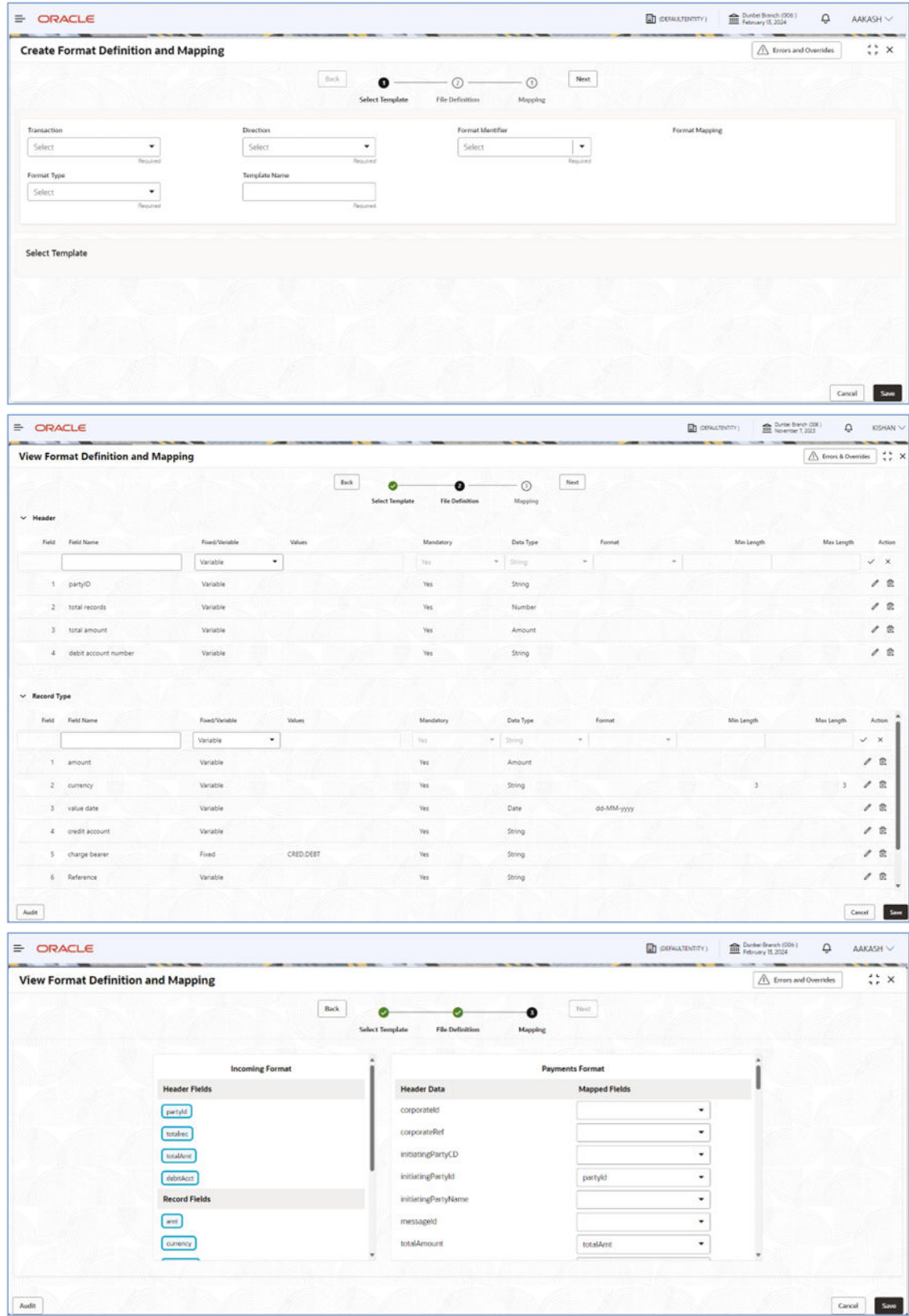
Create Format Definition:

This screen is used to create Format Definition.

Navigation Path:

From the **Electronic Data Exchange**, select **Maintenance**, click **Format Definition and Mapping**, and then click **Create Format Definition and Mapping**

Figure 4-1 Create Format Definition and Mapping



1. Refer to the following table for specifying details in the above screen:

 **Note:**

Fields marked with '*' are mandatory.

Table 4-2 Field Description




Field Name	Description
Select Template Details	
Transaction*	Select the Transaction from available list for which format identifier in being created
Direction *	Select the Direction from available list for which format identifier in being created
Format Identifier *	Select the Format Identifier from available list for which format definition is required.
Format Mapping	Auto populates based on Transaction and Format Identifier selected
Format Type *	Select the Format Type from the available list. Currently two Format Types are supported : <ul style="list-style-type: none"> a. Separated b. Fixed Length
Delimiter	Enabled when Format Type selected is Separated. Select the delimiter from the available list. Delimiters Supported – <ul style="list-style-type: none"> a. (,) COMMA b. () PIPE
Template Name *	Provide a unique template name to the configuration
Template	Select the template from the available list. <ul style="list-style-type: none"> a. With Header b. Without Header
File Definition Details	
Note : Header and Record table are populated based on the Format Type and Template selected.	
Field	Autogenerated sequence number for each row.
Field Name*	Provide a field name.
Fixed/Variable*	Select whether the field is Fixed or Variable type.
Values	Enables when field is Fixed type. System validates the values given in this field.
<div style="border: 1px solid #0070C0; padding: 10px; margin: 10px 0;"> <p> Note:</p> <p>Multiple values can be provided separated by comma without space.</p> </div>	
Mandatory*	Select whether field is mandatory or not
Datatype*	Select the datatype of the field from the list available
Format	Select the format for the 'Date' datatype

Table 4-2 (Cont.) Field Description

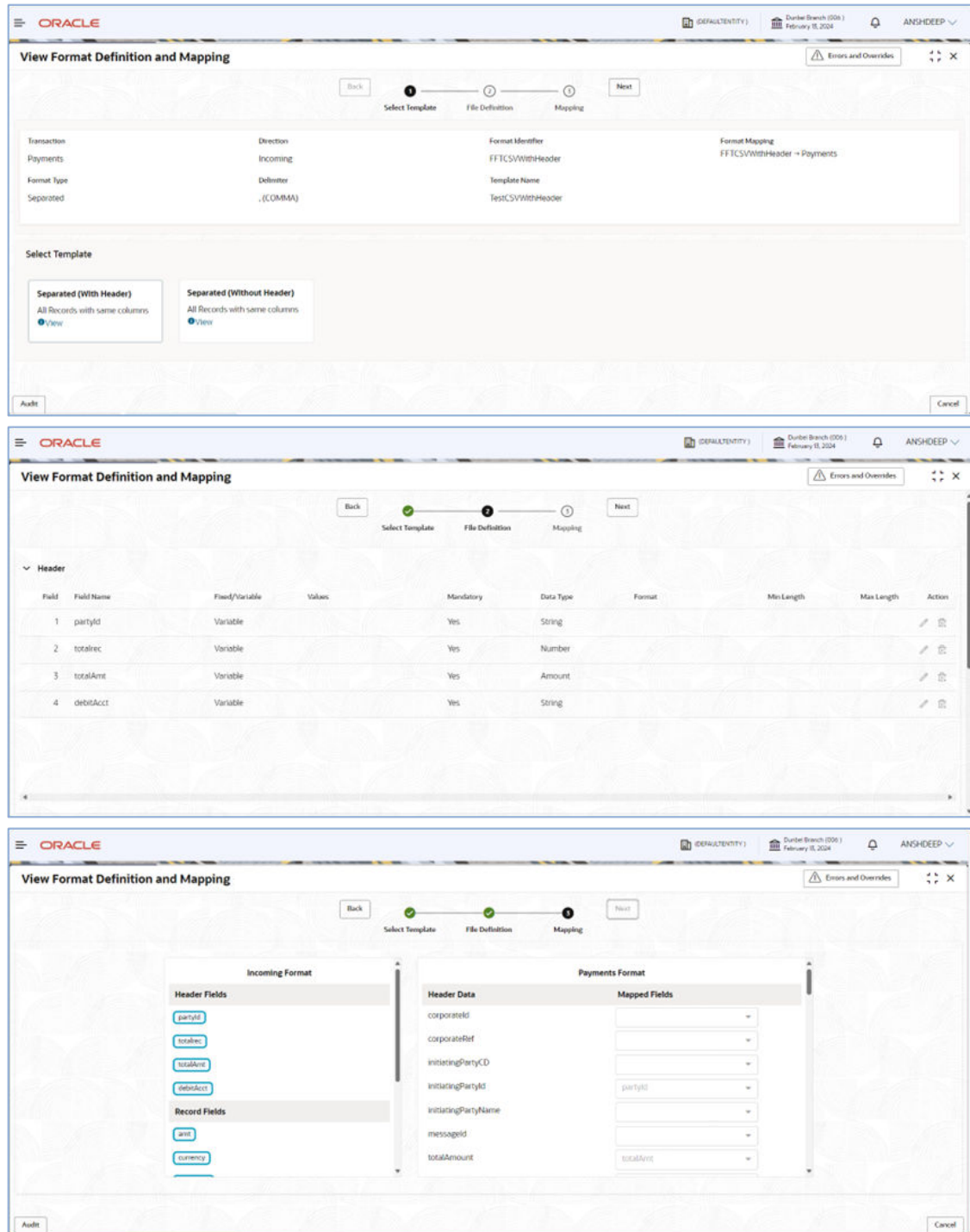
Field Name	Description
Min Length	Enabled for Separate format type. Provide the minimum length of the field if validation is required.
	<div style="border: 1px solid #0070C0; padding: 10px; background-color: #E6F2FF;">  Note: Do not provide any value if validation is not required. </div>
Max Length	Enabled for Separate format type. Provide the maximum length of the field if validation is required.
	<div style="border: 1px solid #0070C0; padding: 10px; background-color: #E6F2FF;">  Note: Do not provide any value if validation is not required. </div>
Start	Enabled for Fixed Length type. Provide the start position of the field in the text file.
End	Enabled for Fixed Length type. Provide the end position of the field in the text file.
Padding Character	Enabled for Fixed Length type. Select the padding character of the field from the list. Select NA if not applicable.
Padding Alignment	Enabled for Fixed Length type. Select the padding alignment of the field from the list. Select NA if not applicable.
Action	Edit – Select this option to edit the row. Delete – Select this option to delete the row.
Mapping Details	
Incoming Format	Displays the list of fields defined on the File Definition page.
Payments Format	Displays the list of fields defined in the Transaction format.
Mapped Fields	Dropdown to display the Incoming format fields which can be mapped to the Transaction Format fields.

View Format Definition and Mapping:

By using this screen, user can View, Modify, Delete or Authorize the Format Maintenance.

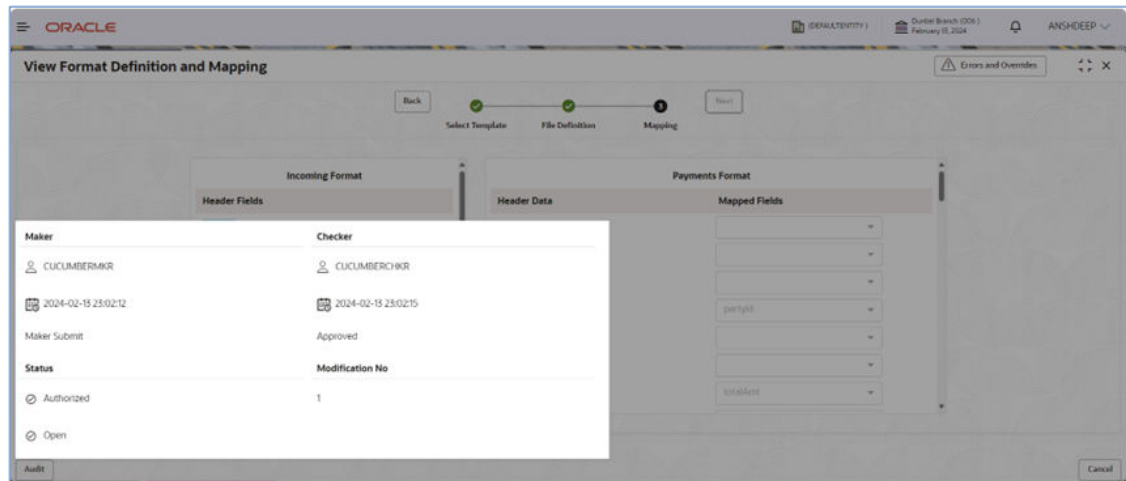
From the **Electronic Data Exchange**, select **Maintenance**, click **Format Definition and Mapping**, and then click **View Format Definition and Mapping**

Figure 4-2 View Format Definition and Mapping



Click on '**Audit**' to view the event of operation performed on maintenance.

Figure 4-3 Format Definition and Mapping- Event of operation performed on maintenance



Perform the following steps to take actions on the Integration Preferences. Click the Options (⋮) icon and then click any of the below option:

<p>1. Unlock</p>	<p>To modify the record details. Refer to the Create Format Maintenance section for field level details.</p>
<p>2. Authorize</p>	<p>To authorize the record. Authorizing requires necessary access rights.</p> <ul style="list-style-type: none"> • Optional: Click View to view the record details. • Select the record to authorize and then click Approve. • Record can also be Rejected by clicking Reject.
<p>3. Delete</p>	<p>To delete the data permanently, which is not yet authorize.</p>
<p>4. View</p>	<p>To view the Format Maintenance details.</p>

5

Data Transformation

- [Data Transformation and Mapping](#)

5.1 Data Transformation and Mapping

Oracle Banking Electronic Data Exchange for Corporates provides maintenance for data transformation and mapping for fields at the Bank level.

This maintenance will be used to create, view and edit the data that needs to be supported or transformed in specific cases.

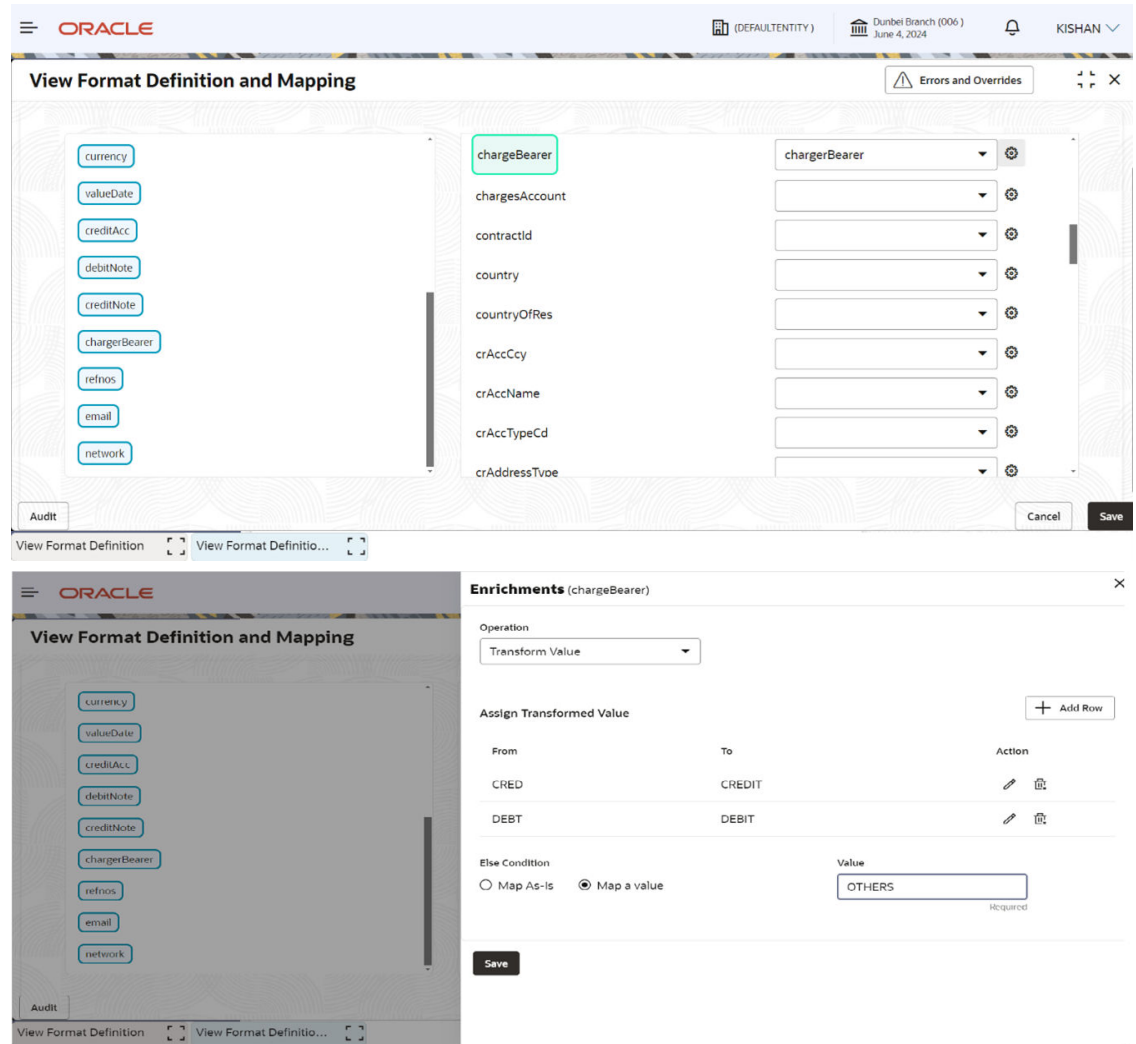
Table 5-1 Supported Transformations Operations as given below -

Supported	Operation	Remarks
	Transform a given Data Value	Can assign a predefined value for an incoming data in for the column selected. Multiple unique incoming value can be transformed to predefined values.
	Assign Fixed or Variable Values	Can assign a fixed or variable (random value) to fields which are not mapped using File Definition
X	Splitting of Data	Can Split data coming in one field to multiple fields

DataTransformation:

This screen can be invoked by clicking on the 'gear' icon next to the mapped columns in the Format Definition and Mapping page.

Figure 5-1 Data Transformation



1. Refer to the following table for specifying details in the above screen:

 **Note:**

Fields marked with '*' are mandatory.

Table 5-2 Field Description

Field Name	Description
Enrichments	
Add Row Button	Brings up an option to edit and maintain the data transformation
From	Allows to select the incoming value to transform
To*	Define the transformed value
Map As-Is	Keep any other values that are not configured above, as is.

Table 5-2 (Cont.) Field Description

Field Name	Description
Map As	Map any other values that are not configured as a part of From and To , to a pre-defined value.

View Data Transformation



Note:

Refer to 'View Format Definition and Mapping' section under File Format Definition and Mapping

6

Corporate Preference

- [Transaction and Format Preferences](#)
- [Verification Preferences](#)
- [Banker & Channel Approval Rule](#)
- [Limits Validation](#)

6.1 Transaction and Format Preferences

Corporate Preference are required to be set up for any corporate who wants to send data for processing on Electronic Data Exchange system. In Corporate Preferences, admin can configure transaction types that corporate can send files for processing. Corporate can also enable the ACK/NACK and the preferred format for receiving them. Admin can specify the transaction preferences for multiple transactions across Financial and Non-Financial Transaction categories in one go.

The channel approval rule can also be configured from this screen to route files to channel for approval before processing. The two conditions to trigger the routing - file threshold and number of records - can be setup by the bank user. The files satisfying the approval condition will be sent to the Oracle Banking Digital Experience/internet banking portal for further approval by corporate user, before processing.

The same maintenance allows bank user to maintain the Limit validation conditions for particular corporate before processing the files in application.

The bank user can enable or disable the limit validation check for various dynamic conditions across Financial or Non -financial transactions for the corporate while setting up the corporate preferences.

Depending upon the Limit Validation conditions maintain for the corporate, the file will be processed. If any of the predefined limit condition is failed then the application will stop file processing and will display the error reason for actual failure.

6.2 Verification Preferences

The user can do some verification preferences like Days for Dedupe Check, Behavior on Record Level Validation, Exception Management configuration, Checksum and Encryption settings.

Based on the configuration in above fields file will be processed, in case of any error file will be rejected and respective error code will be displayed in the File Inquiry screen.

Exception management is used to reprocess the file in case any error is found, and the user can go the exception management screen and reprocess the file.

6.3 Banker & Channel Approval Rule

The channel approval rules are setup to specify the conditions whether the file should be sent to channel for approval before processing, based on File Threshold Level Limit and number of records.

The user can configure the Channel Approval Rule for Financial & non-financial transactions in the Corporate Preferences setup. User can define number of records and minimum Amount limit condition with different currencies for financial transactions and number of records condition for non-financial transactions.

The files, those are satisfying the approval rule condition will be sent to the Oracle Banking Digital Experience channel for further Approval before processing. Oracle Banking Digital Experience, based on maintenance of FI Template, Approval Rules and Limit Packages will allow the approver to take further action on the file waiting for approval.

Oracle Banking Digital Experience will generate a Handoff response with individual Record status post-approval or rejection and the same will sent back to Oracle Banking Electronic Data Exchange for Corporates to update the status of the file.

Similarly, user can setup whether Banker Approval is required or not for the uploaded files at File level or Record level.

Banker approval rules are setup to specify the conditions whether the file should be sent to banker for approval before processing, based on File Threshold Level Limit and number of records. Bank user can define these rules in the Plato Rules as shown below. The user can create these rules using the predefined facts only.

Below are the facts which are shipped out of the box with the product.

- currencyCount – This refers to distinct currency count present in the file.
- baseCurrency – This is the base currency maintained for the corporate in Corporate Preference.
- recordCurrencyList – This list contains distinct currencies present in the file.
- amount - This refers to total amount present in the file irrespective of currency.
- noOfRecords – This refers to total number of records present in the file.

Figure 6-1 Banker & Channel Approval Rule

Fact Id	Fact Name	Description	Product Processor
301	currencyCount	Currency Count	OBEDX
305	baseCurrency	Base Currency	OBEDX
303	recordCurrencyList	Record Currency List	OBEDX
309	amount	Amount	OBEDX
311	noOfRecords	No Of Records	OBEDX

6.4 Limits Validation

The Limit validation on Corporate Preference allows bank user to maintain the Limit validation conditions for corporate before processing the files in application.

The bank user can enable or disable the limit validation check by selecting the check box at Limits step while setting up the corporate preference. This Limit Validations are defined for various dynamic conditions across Financial or Non -financial transactions for the corporate.

User can define the preferred limit currency while setting up the limit check precondition, so that system will convert and execute limit validation as per preferred currency specified.

Amount limit validations can be defined based on Limit test to see that the value does not exceed a predetermined limit. The check includes Maximum File Limit, Record Limit & Maximum Amount per day. This check is applicable only for Financial Transaction.

Application allows user to define Count Limit's condition that performs Record Test. Count limits can be defined for both financial and non-financial transactions. The check includes Maximum Records per File, Maximum Records per Day & Maximum Files per Day

Depending upon the Limit Validation conditions maintain for the corporate, the file will be processed. If any of the predefined limit condition is failed, then the application will stop file processing and will display the error reason for actual failure.

7

Integration Preferences

- [Integration Preferences Maintenance](#)

7.1 Integration Preferences Maintenance

Integration Preferences are configured to identify the system who will perform the parsing, outgoing file generation and handoff processing. User can define the integration preference settings for each underlying processing system for these functions for each transaction.

User can define the preferences based on each incoming format or can select a generic configuration for 'All' formats of the selected transaction.

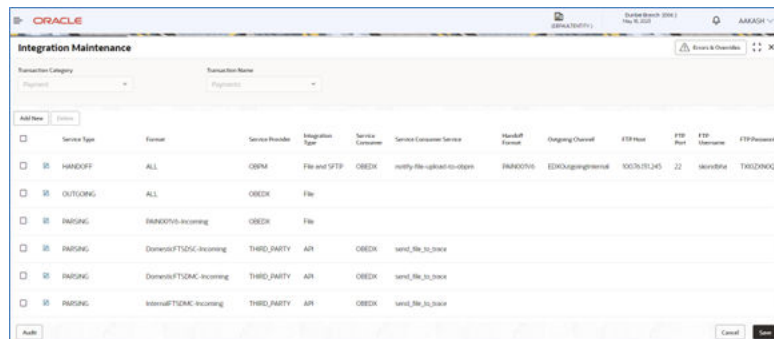
Create Integration Preferences:

This screen is used to create Integration Preferences.

Navigation Path:

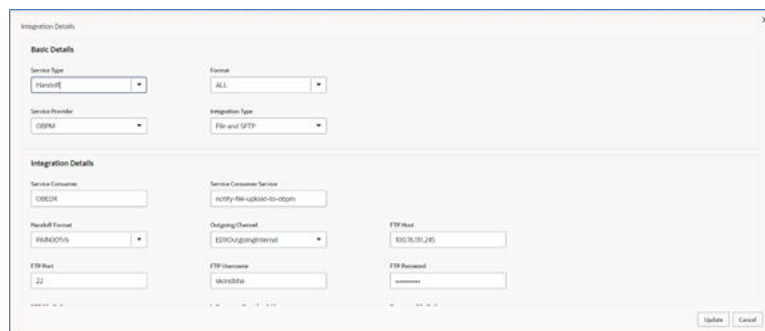
From the **Electronic Data Exchange**, select **Maintenance**, click **Integration Preferences**, and then click **Create Integration Preferences**

Figure 7-1 Create Integration Preferences



<input type="checkbox"/>	Service Type	Format	Service Provider	Integration Type	Service Consumer	Service Consumer Service	Handoff Format	Outgoing Channel	FTP Host	FTP Port	FTP Username	FTP Password
<input type="checkbox"/>	HANDOFF	ALL	OBPM	File and SFTP	OBEXK	notify-file-upload-to-obpm	HANDOFFS	EDXOutgoingInternal	100.76.171.245	22	skorobko	THIRDNOCK
<input type="checkbox"/>	OUTGOING	ALL	OBEXK	File								
<input type="checkbox"/>	PARSING	HANDOFFS-Incoming	OBEXK	File								
<input type="checkbox"/>	PARSING	DomesticFTSDC-Incoming	THIRD_PARTY	API	OBEXK	send_fm_3c_inbox						
<input type="checkbox"/>	PARSING	DomesticFTSDAC-Incoming	THIRD_PARTY	API	OBEXK	send_fm_3c_inbox						
<input type="checkbox"/>	PARSING	InternationalTRM-Incoming	THIRD_PARTY	API	OBEXK	send_fm_3c_inbox						

Figure 7-2 Add /Edit Screen



Integration Details

Basic Details

Service Type: Format:

Service Provider: Integration Type:

Integration Details

Service Consumer: Service Consumer Service:

Handoff Format: Outgoing Channel: FTP Host:

FTP Port: FTP Username: FTP Password:

The screenshot shows a web form titled "Integration Details" with a close button in the top right corner. The form is divided into two main sections: "Basic Details" and "Integration Details".

Basic Details:

- Service Type:** A dropdown menu with "Financial" selected.
- Account:** A dropdown menu with "Internal/TS/CMAC Incoming" selected.
- Copy Integration Details:** A dropdown menu with "Select" selected.
- Service Provider:** A dropdown menu with "Third Party" selected.
- Integration Type:** A dropdown menu with "API" selected.

Integration Details:

- Service Consumer:** A text input field containing "ORBDX".
- Service Consumer Service:** A text input field containing "ORBDX".
- Permissions:** A text input field containing "payment-to-adv-payment-020-pays".
- Party Count:** A text input field containing "2".
- Check Size:** A text input field containing "2".

At the bottom right of the form, there are two buttons: "Add" and "Cancel".

Refer to the following table for specifying details in the above screen:

 **Note:**

Fields marked with '*' are mandatory.

Table 7-1 Field Description

Field Name	Description
Transaction Category *	Select Transaction Category, for selecting a transaction under that category
Transaction Name *	Select Transaction name from the available List.

 **Note:**

The transaction name list will populate depending on the Transaction Category selected in the previous selection.

Add Screen

Service Type Select the service type: Parsing / Handoff / Outgoing / External Validations / Statement for which preferences are to be setup.

Parameters Enable when Service Provider is Third Party and Integration type is API.
Used for giving parameters which can be helpful for integration
When Service Type = Statement, Statement Formats will be displayed in the dropdown.

Format Select Incoming/Outgoing Format for which preferences to be maintained.
When Service Type = Parsing/Handoff, Incoming Formats will be displayed in the dropdown.
When Service Type = Outgoing, Outgoing & Acknowledgement type formats will be displayed in the dropdown.

Copy Integration Preference It is displayed based on the Service Type selected.
When Service Type = Parsing, all formats configured for Parsing is displayed.
When Service Type = Handoff, all formats configured for Handoff is displayed.
When Service Type = Outgoing, all formats configured for Outgoing is displayed.

Table 7-1 (Cont.) Field Description





Field Name	Description
	<p>When Service Type = Statement, all formats configured for Statement is displayed.</p> <p>Field will be displayed only if there is an existing record in the maintenance table.</p>
Service Provider	<p>Select the system who will process the service selected.</p>
	<p> Note:</p> <p>Possible Values: OBEDX / Third Party / OBVAM / OBPM</p> <p>If OBEDX, then it's internal parser.</p>
Integration Type	<p>Select the type of integration type whether it is File Based, File & SFTP Based, API and File & API based integration.</p>
Service Consumer	<p>Provide OBRH Service Consumer Name.</p>
	<p> Note:</p> <p>Displayed when Integration Type selected is either API or File and SFTP</p>
Service Consumer Service	<p>Provide OBRH Service Consumer Service.</p>
	<p> Note:</p> <p>Displayed when Integration Type selected is either API</p>

Table 7-1 (Cont.) Field Description

Field Name	Description
	 or File and SFTP
Handoff Format	Display the Handoff format in case of File or File & SFTP based integration.
Outgoing Channel	Display the outgoing channel in case of File or File & SFTP based integration.
FTP Host	Provide the FTP Host in case of SFTP based integration.
FTP Port	Provide the FTP Port in case of SFTP based integration.
FTP User Name	Provide the FTP Username in case of SFTP based integration.
FTP Password	Provide the FTP password in case of SFTP based integration.
FTP File Path	Provide the FTP File Path in case of SFTP based integration.
Is Response Downloadable	Select whether response is downloadable or not.
Response File Path	Provide the response file path where the response files will be placed on the server.
Download Channel Name	Select the channel name from which file will be downloaded.
Dedupe Check Days	Provide the number for days which dedupe to be checked on the response file.
File Filter	Provide the file filter based on which file will be checked.
Retry Count	Number of times retry will be done in case of API based integration.
Chunk Size	Chunks to be created during API based integration.

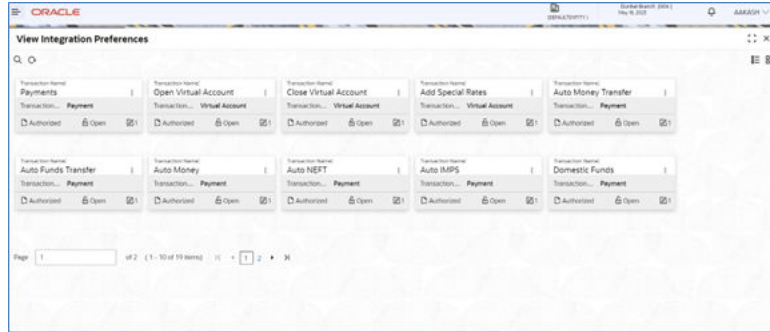
View Integration Preferences:

By using this screen, user can View, Modify, Delete or Authorize the Integration Preferences Maintenance.


Navigation Path:

From the **Electronic Data Exchange**, select **Maintenance**, click **Integration Preferences**, and then click **View Integration Preferences**

Figure 7-3 View Integration Preferences



Click on '**Audit**' to view the event of operation performed on maintenance.

Perform the following steps to take actions on the Integration Preferences. Click the Options () icon and then click any of the below option:

<p>1. Unlock</p>	<p>To modify the record details. Refer to the Create Integration Preferences section for field level details.</p>
<p>2. Authorize</p>	<p>To authorize the record. Authorizing requires necessary access rights.</p> <ul style="list-style-type: none"> Optional: Click View to view the record details. Select the record to authorize and then click Approve. Record can also be Rejected by clicking Reject.
<p>3. Delete</p>	<p>To delete the data permanently, which is not yet authorize.</p>
<p>4. Close</p>	<p>To close record temporary</p> <ul style="list-style-type: none"> Optional: On the confirmation pop-up window, enter the remark for closing. Click Confirm to close the record.
<p>5. Reopen</p>	<p>To reopen the maintenance record which is temporary Closed</p>
<p>6. View</p>	<p>To view the Integration Preferences details.</p>

8

Dedupe Rule Maintenance

- [Dedupe Rule Maintenance](#)

8.1 Dedupe Rule Maintenance

De-duplication rules are configured to identify duplicate files or records in the files received for processing. Data de-duplication is a process that eliminates excessive copies of data. Post syntactical validation, file transformation and record extraction in Electronic Data Exchange, de-dupe rule is run to eliminate duplicates.

Bank user can configure de-dupe rules for a file as well as for record level.

If a duplicate file is identified, the file is rejected. If a duplicate record is identified, only that record gets rejected and rest of the records are pushed for further processing.

Create Dedupe Rules:

This screen is used to create Dedupe Rules.

Navigation Path:

From the **Electronic Data Exchange**, select **Maintenance**, click **Dedupe Rules**, and then click **Create Dedupe Rule**

Figure 8-1 Create Dedupe Rule

The screenshot shows the 'Create Dedupe Rules' interface in Oracle. The form is divided into several sections:

- Rules Criteria:** Includes a text field for 'Rule Name' (containing 'File Level Dedupe'), a text field for 'Rule Description' (containing 'File Level Dedupe for Payments'), radio buttons for 'Level' (File selected, Record unselected), and radio buttons for 'Rule Type' (Generic unselected, Specific selected).
- Transaction Category:** A dropdown menu showing 'Payments'.
- Transaction Type:** A dropdown menu showing 'Financial'.
- Transaction Name:** A dropdown menu showing 'Payments'.
- De-Dupe Attributes:** Includes a text field for 'File Attributes' (containing 'File Name *') and a text field for 'Number of Days for De-Dupe Check' (containing '10').

At the bottom right, there are 'Cancel' and 'Save' buttons.

1. Refer to the following table for specifying details in the above screen:



Note:

Fields marked with '*' are mandatory.

Table 8-1 Field Description



Field Name	Description
Rules Criteria	
Rule Name *	Enter Rule name
Rule Description *	Enter Rule description
Rule Level *	Select if de-dupe rule is being setup at Record or File level
Rule Type *	Select if the rule should be generic or specific to transaction.
<div style="border: 1px solid #0070C0; padding: 10px; background-color: #E6F2FF;"> <p> Note:</p> <ul style="list-style-type: none"> • Rule type is application only for File Level Rules. • If user selects Generic Rule Type, then the rule that has been created with generic rule condition is applicable for all transaction under the Transaction Category selected. • Application will execute Generic De-dupe rule only when there is no specific Transaction rule is defined. </div>	
Transaction Category*	Select Transaction Category, for selecting a transaction under that category
Transaction Type *	Select Financial or Non- Financial for filtering the transactions basis on that
Transaction Name *	Select Transaction name from the available List.
<div style="border: 1px solid #0070C0; padding: 10px; background-color: #E6F2FF;"> <p> Note:</p> <p>The transaction name list will populate depending on the Transaction Category selected in the previous selection.</p> <p>Multiple Transactions Names will be segregated and arranged with respect to Transaction Category</p> </div>	
Dedupe Attributes	
File Attributes *	Select File Level data duplication attributes like File Message ID , File Name etc. so that the system can run de- dupe rules on those conditions

Table 8-1 (Cont.) Field Description

Field Name	Description
Record Attributes *	<p>Select Record Level data duplication attributes so that the system can run de- dupe rules on those conditions within file.</p> <p>The attributes in the dropdown are populated as applicable for each transaction. In case of Payments below fields are displayed,</p> <p>File Reference Id, Payment Method, Instruction Priority, Value Date</p> <p>Debtor Account No, instructionID, Transaction Reference Number, Amount, Currency, Currency Of Transfer, Beneficiary Name, Beneficiary BIC, Beneficiary Account, Iban, Transaction Date</p> <p>In case of Virtual Account Management transaction, Record Identifier is displayed.</p> <p>These attributes are configurable and bank user can maintain the attributes as agreed upon.</p>
Number of Days for De-Dupe Check *	<p>Set up the number of days within which the system should perform the duplicate check with previously received files</p> <p>This would be overridden by the duration maintained at corporate preference (if maintained)</p>

View Dedupe Rules:

By using this screen, user can View, Modify, Delete or Authorize the Dedupe Rules Maintenance.

Navigation Path:

From the **Electronic Data Exchange**, select **Maintenance**, click **Dedupe Rules**, and then click **View Dedupe Rule**

Figure 8-2 View Dedupe Rule

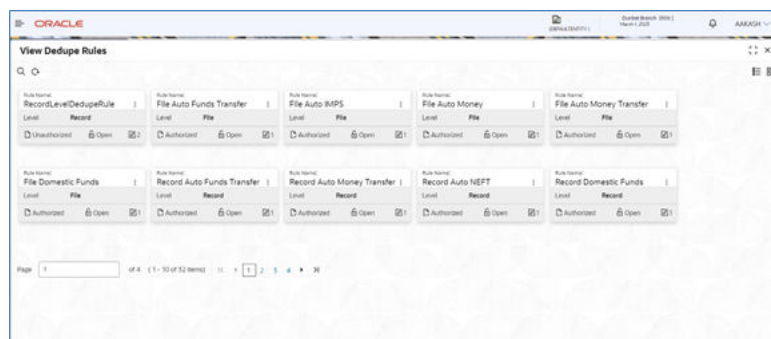


Figure 8-3 File Level – Specific

The screenshot shows the 'Dedupe Rules Maintenance' window in Oracle. The 'Rules Criteria' section includes:

- Rule Name: FileDedupeRule
- Rule Description: FileDedupeRule
- Level: File Record
- Rule Type: Generic Specific
- Transaction Category: Payments
- Transaction Type: Financial
- Transaction Name: Payments

The 'De-Dupe Attributes' section includes:

- File Attributes: Message ID
- Number of Days for De-Dupe Check: 18

Buttons for 'Audit', 'Cancel', and 'Save' are visible at the bottom.

Figure 8-4 File Level – Generic

The screenshot shows the 'Dedupe Rules Maintenance' window in Oracle. The 'Rules Criteria' section includes:

- Rule Name: File Auto Funds Transfer
- Rule Description: File Auto Funds Transfer
- Level: File Record
- Rule Type: Generic Specific
- Transaction Category: Payments

The 'De-Dupe Attributes' section includes:

- File Attributes: File Name
- Number of Days for De-Dupe Check: 30

Buttons for 'Audit', 'Cancel', and 'Save' are visible at the bottom.

Figure 8-5 Record Level

The screenshot shows the 'Dedupe Rules Maintenance' window in Oracle. The 'Rules Criteria' section includes:

- Rule Name: RecordLevelDedupeRule
- Rule Description: RecordLevelDedupeRule
- Level: File Record
- Transaction Category: Payments
- Transaction Type: Financial
- Transaction Name: Payments

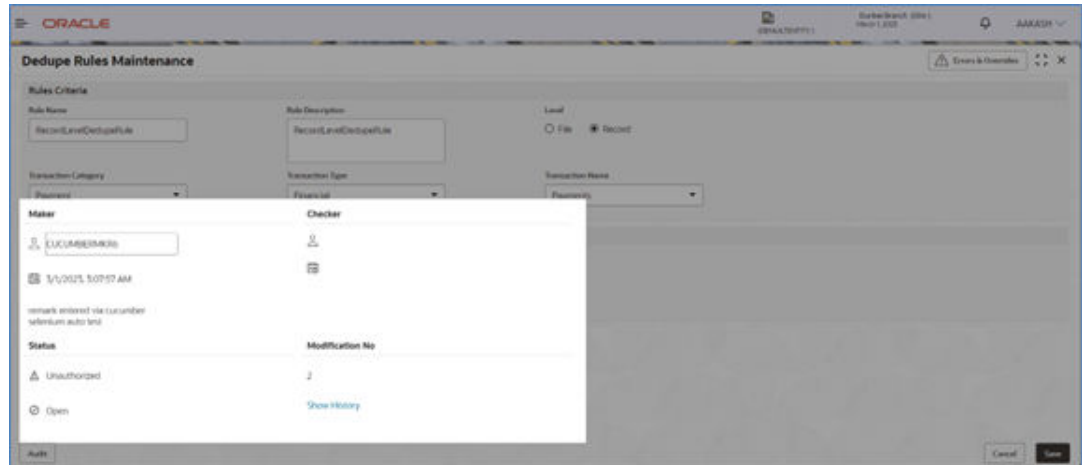
The 'De-Dupe Attributes' section includes:

- Record Attributes: Transaction Reference Number
- Number of Days for De-Dupe Check: 30

Buttons for 'Audit', 'Cancel', and 'Save' are visible at the bottom.

1. Click on '**Audit**' to view the event of operation performed on maintenance.

Figure 8-6 Event of operation performed



Perform the following steps to take actions on the Dedupe rules Details. Click the Options (⋮) icon and then click any of the below option:

<p>1. Unlock</p>	<p>To modify the record details. Refer to the Create De-dupe Rules section for field level details.</p>
<p>2. Authorize</p>	<p>To authorize the record. Authorizing requires necessary access rights.</p> <ul style="list-style-type: none"> • Optional: Click View to view the record details. • Select the record to authorize and then click Approve. • Record can also be Rejected by clicking Reject.
<p>3. Delete</p>	<p>To delete the data permanently, which is not yet authorize.</p>
<p>4. Close</p>	<p>To close record temporary</p> <ul style="list-style-type: none"> • Optional: On the confirmation pop-up window, enter the remark for closing. • Click Confirm to close the record.
<p>5. Reopen</p>	<p>To reopen the maintenance record which is temporary Closed</p>
<p>6. View</p>	<p>To view the De-dupe Rules details.</p>

9

Correlation Rule Maintenance

- [Correlation Rule Maintenance](#)

9.1 Correlation Rule Maintenance

Navigation Path:

From the **Electronic Data Exchange**, select **Maintenance**, click **Correlation Rules**, and then click **Create Correlation Rules**

Figure 9-1 Create Correlation Rules

The screenshot shows the Oracle Correlation Rules Maintenance form. The form is titled "Correlation Rules Maintenance" and contains several input fields and dropdown menus. The "Rules Criteria" section includes fields for Rule Name, Rule Description, Level (File, Batch, Record), Format, Transaction Category, Transaction Type, and Transaction Name. The "Correlation Criteria" section includes a field for Correlation Attributes. The form has "Cancel" and "Save" buttons at the bottom right.

1. Refer to the following table for specifying details in the above screen:

Note:

Fields marked with '*' are mandatory.

Table 9-1 Field Description

Field Name	Description
Rules Criteria	
Rule Name *	Enter Co-Relation Rule name
Rule Description *	Enter description for the Co-Relation Rule
Level *	Select if correlation rule is being setup at Record or File level
Format *	Select format type of the file metadata
Transaction Category*	Select Transaction Category of the transaction for which Co-Relation rule is being setup
Transaction Type *	Select the transaction type (financial/non-financial) for filtering the transaction for which the rule needs to be created

Table 9-1 (Cont.) Field Description

Field Name	Description
Transaction Name *	Select Transaction name from the available List.

Note:

- The transaction name list will populate depending on the Transaction Category selected in the previous selection.
- Multiple Transactions Names will be arranged with respect to Transaction Category

Co-Relation Criteria

Co- Relation Attributes *	Define co-relation attributes by selecting all attributes or choosing from the available list to compare and reconcile the status of the records
----------------------------------	--

View Correlation Rules:

By using this screen, user can View, Modify, Delete or Authorize the Correlation Rules Maintenance.

Navigation Path:

From the **Electronic Data Exchange**, select **Maintenance**, click **Correlation Rules**, and then click **View Correlation Rules**

Figure 9-2 View Correlation Rule

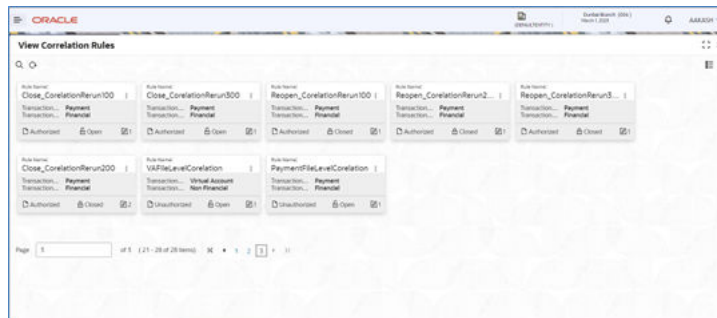


Figure 9-3 File Level

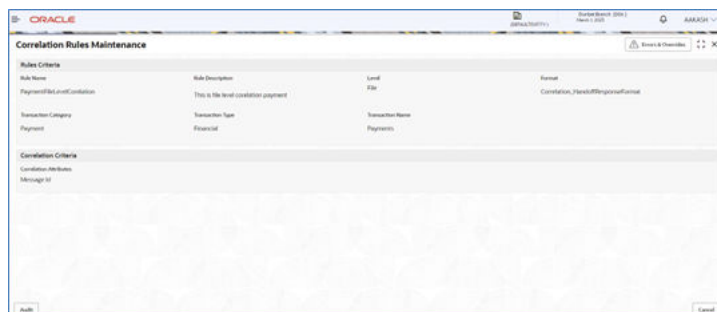
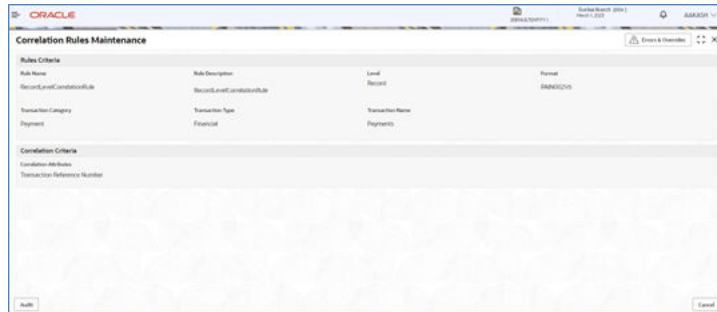
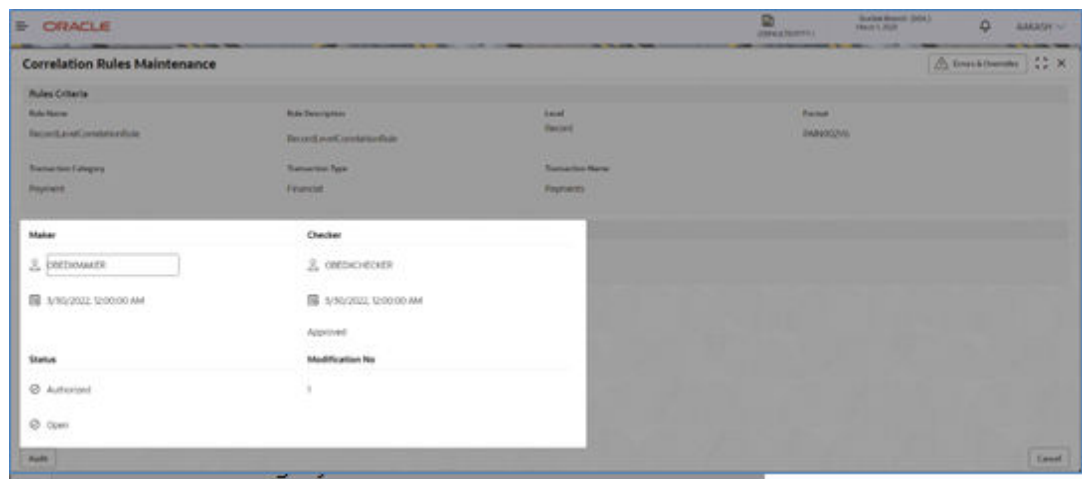


Figure 9-4 Record Level



1. Click on 'Audit' to view the event of operation performed on maintenance.

Figure 9-5 Event of operation performed



Perform the following steps to take actions on the Correlation rules Details. Click the Options (⋮) icon and then click any of the below option:

<p>1. Unlock</p>	<p>To modify the record details. Refer to the Create Correlation Rules section for field level details.</p>
<p>2. Authorize</p>	<p>To authorize the record. Authorizing requires necessary access rights.</p> <ul style="list-style-type: none"> • Optional: Click View to view the record details. • Select the record to authorize and then click Approve. • Record can also be Rejected by clicking Reject.
<p>3. Delete</p>	<p>To delete the data permanently, which is not yet authorize.</p>

4. Close	To close record temporary <ul style="list-style-type: none">• Optional: On the confirmation pop-up window, enter the remark for closing.• Click Confirm to close the record.
5. Reopen	To reopen the maintenance record which is temporary Closed
6. View	To view the Correlation Rules details.

10

File Upload

File upload option allows Bank user to upload a file for a Corporate. This function is mainly given for the cases where Corporate is facing some challenge in sending the file via defined network or channel.

The type of the file (extension) to be uploaded has to be maintained in application before uploading the file. If the format of the uploaded file is not maintained in the system, the file will be rejected.

- [File Upload Screen](#)
- [Formats Supported \(Out of the Box\)](#)

10.1 File Upload Screen

This screen is used for uploading the Bulk File.

Navigation Path:

From the **Electronic Data Exchange**, click **File Upload**

Figure 10-1 File Upload

File Name	File Size	File Last Modified	Action
NESTLE_BANKOCHA_Payments_0026000704	4 KB	30 May 2024 10:08:05 AM	



1. Refer to the following table for specifying details in the above screen:



Note:

Fields marked with '*' are mandatory.

Table 10-1 Field Description

Field Name	Description
Corporate ID *	Search Corporate ID, for whom file Bulk file is need to be upload in Oracle Banking Electronic Data Exchange for Corporates
	<div style="border: 1px solid #0070C0; padding: 10px; background-color: #E6F2FF;"> <p> Note:</p> <p>If a file is uploaded for a forgotten customer, it will get failed in file processing.</p> </div>
Corporate Name	Corporate Name will populate here ,after selecting corporate ID
Alias Name *	Alias Name of the corporate will populate here ,after selecting corporate ID
Channel Name *	Select incoming channel name for file processing
Drag and Drop	Click on this link to upload Files for Bulk Processing.
	<div style="border: 1px solid #0070C0; padding: 10px; background-color: #E6F2FF;"> <p> Note:</p> <ul style="list-style-type: none"> You can upload max 10 files in single upload. Application will restrict from uploading duplicate file. First step file validation will be done before final upload </div>
File Name	Display file name of the uploaded file
File Size	Display file size of the uploaded file
File Last Modified	Display last modified date of the file
Action	Click on this button to delete the file
Upload	Click on this button to upload the files
Clear	Click on this button to clear everything added

10.2 Formats Supported (Out of the Box)

1. Payments

- a. pain.001.001.06 (standard ISO20022 format)
- b. MT101 (Standard Swift format)
- c. CSV (Configurable using Format Definition Screen)
- d. Fixed Length (Configurable using Format Definition Screen)

2. Virtual Account Open & Virtual Account Close -CSV (Proprietary Format)

Field Specifications –

Table 10-2 Field Description

Field Sequence No	Field	Field Description	Data Type	Length	Mandatory
1	Action	Specifies the operation to be performed. Allowed Operations are: New: Creation of Virtual Accounts Close: Closure of existing Virtual Accounts	NA	NA	Y in case of VA creation & closure
2	Branch Code	Branch under which Virtual account to be created	VARCHAR2	3	Y in case of VA creation
3	virtual Entity ID	Virtual Entity for which Virtual account to be created	VARCHAR2	12	Y in case of VA creation
4	Real Customer Number	Real Customer number for which Virtual Account to be created	VARCHAR2	20	Y in case of VA creation & closure
5	Account Currency	Account Currency	VARCHAR2	3	Y in case of VA creation
6	Virtual Account Product	Product under which Virtual Account to be created	VARCHAR2	4	Y in case of VA creation
7	Virtual Account Number	Virtual Account Number. This is applicable for Modify and Close Operation	VARCHAR2	20	Y in case of VA closure
8	IBAN Required	Valid values are Y N	CHAR	1	N
9	IBAN Account Number	IBAN Account Number	VARCHAR2	30	N
10	Virtual Account Name	Account Name	VARCHAR2	105	Y in case of VA creation
11	Address Line 1	Correspondence Address Line 1	VARCHAR2	35	N
12	Address Line 2	Correspondence Address Line 2	VARCHAR2	35	N

Table 10-2 (Cont.) Field Description

Field Sequence No	Field	Field Description	Data Type	Length	Mandatory
13	Address Line 3	Correspondence Address Line 3	VARCHAR2	35	N
14	Address Line 4	Correspondence Address Line 4	VARCHAR2	35	N
15	Address Pin code	Correspondence Address Zip code	VARCHAR2	15	N
16	Address Country Code	Correspondence Address Country Code	VARCHAR2	3	N
17	Account Purpose	Description of Account Purpose	VARCHAR2	105	N
18	Interest Calculation Required	Flag to indicate whether Interest Calculation is required for the Virtual Account. Valid values are: Y N	CHAR	1	N
19	Account Frozen	Flag to indicate whether Virtual Account is frozen. Valid values are: Y N	CHAR	1	N
20	Balance Check for Debits	Flag to indicate whether balance check is required for debit transactions. Valid values are: Y N	CHAR	1	N
21	Balance Availability Options	Balance Options: Available options are: Own Balance + Fixed Amount from Pool	CHAR	1	Y in case of VA creation

Table 10-2 (Cont.) Field Description

Field Sequence No	Field	Field Description	Data Type	Length	Mandatory
		Pool Balance Own Balance + Fixed Amount from Pool			
22	Fixed Amount from Pool	Fixed Amount contribution from pool This is applicable for "Bal Availability Options" as "Own Balance + Fixed Amount from Pool" Y N	NUMBER	22,3	N
23	Overdraft Allowed Valid values are: Y N	Flag to indicate whether virtual account can be overdrawn. Valid values are:	CHAR	1	N
24	Overdraft Sanction Amount	Overdraft amount sanctioned	NUMBER	22,3	N
25	Credit Transactions Allowed	Flag to indicate whether credit transactions are allowed on the virtual account Valid values are: Y N	CHAR	1	N
26	Debit Transactions Allowed	Flag to indicate whether debit transactions are allowed on the virtual account Valid values are: Y N	CHAR	1	N

Table 10-2 (Cont.) Field Description

Field Sequence No	Field	Field Description	Data Type	Length	Mandatory
27	Real Account Linkage	Account Linkage Options. Valid values are: S-Structure Level A-Account Level Default value is "A"	CHAR	1	N
28	Real Account Number	Real Account Number of the realAccLinkage = 'A'	VARCHAR2	20	N
29	Real Account Currency	Real Account Currency. Applicable if realAccLinkage = 'A'	VARCHAR2	3	N
30	Real Account Branch	Real Account Branch. Applicable if realAccLinkage = 'A'	VARCHAR2	3	N
31	Overdraft Start Date	Overdraft Start Date	DATE		N
32	Overdraft End Date	Overdraft End Date	DATE		N
33	Remarks	Account Remarks	VARCHAR2	200	N
34	Transfer In Virtual Account No	In case of negative balance, a designated Virtual Account Number from where the said amount needs to be transferred from.	VARCHAR2	20	Y in case of VA closure
35	Transfer Out Virtual Account No	In case of positive balance, a designated Virtual Account Number to which the said amount needs to be transferred to.	VARCHAR2	20	Y in case of VA closure

Table 10-2 (Cont.) Field Description

Field Sequence No	Field	Field Description	Data Type	Length	Mandatory
36	Structured Address Department	Structured Address - Department	VARCHAR2	70	N
37	Structured Address Sub Department	Structured Address -Sub Department	VARCHAR2	70	N
38	Structured Address Street Name	Structured Address - Name of Street	VARCHAR2	70	N
39	Structured Address Building Number	Structured Address - Building Number	VARCHAR2	16	N
40	Structured Address Building Name	Structured Address - Name of Building	VARCHAR2	35	N
41	Structured Address Floor	Structured Address -Floor	VARCHAR2	70	N
42	Structured Address Post Box	Structured Address - Postbox	VARCHAR2	16	N
43	Structured Address Room	Structured Address - Room	VARCHAR2	70	N
44	Structured Address Post Code	Structured Address - Postcode	VARCHAR2	16	Y in case of VA creation
45	Structured Address Town Name	Structured Address - Name of Town	VARCHAR2	35	Y in case of VA creation
46	Structured Address Town Location Name	Structured Address -Town Location Name	VARCHAR2	35	N
47	Structured Address District Name	Structured Address - Name of District	VARCHAR2	35	N
48	Structured Address Country Subdivision	Structured Address - Country Subdivision	VARCHAR2	35	N
49	Structured Address Country	Structured Address - Country	VARCHAR2	2	Y in case of VA creation
50	Structure Code	Existing Structure Code for linkage	VARCHAR2	20	N
51	Virtual Parent Account Number	Virtual Parent Account Number for linkage	VARCHAR2	35	N

Table 10-2 (Cont.) Field Description

Field Sequence No	Field	Field Description	Data Type	Length	Mandatory
52	Availability in Liquidity Management	Availability in Liquidity Management	CHAR	1	N

3. Add Special Rates – CSV (Proprietary Format)**Table 10-3 Field Description**

Field Sequence No	Tag Name	Data Type	Length	Mandatory	Description
1	Action	VARCHAR2	3	M	Action tag mentioning the value as "new"
2	Branch	VARCHAR2	3	M	This field is the code of the branch in which the accounts are to be created.
3	Account Number	VARCHAR2	20	M	The account number that is to be created according to the account mask maintained by the bank.
4	Product	VARCHAR2	4	M	To calculate interest for an account, you must apply an interest product on the account. Every interest product is linked to an interest rule and interest will be calculated according to the formulae maintained in the rule. More than one interest product can be applied to an account.

Table 10-3 (Cont.) Field Description

Field Sequence No	Tag Name	Data Type	Length	Mandatory	Description
5	UDE Effective Date	DATE	YYYY-MM-DD	M	This indicates the date from which the Product-UDE combination takes effect. Different values can be maintained for a UDE, for different effective dates, for an account. When interest is calculated on a particular day for an account, the value of the UDE corresponding to the date will be picked up.
6	UDE ID	VARCHAR2	16	M	Every product that is created is linked to a rule. In the rule, the UDEs (User Defined Element) that are required to calculate interest are specified. A rule can have more than one UDE.
7	UDE Value	NUMBER	16	M	In this field the value of the UDE (i.e. rate) to be used for calculation of interest for the account is specified.

Table 10-3 (Cont.) Field Description

Field Sequence No	Tag Name	Data Type	Length	Mandatory	Description
8	Rate Code	VARCHAR2	10	O	Instead of specifying a value for the UDE, or in addition to the UDE value specified, a Rate code can be applied to the UDE. Rate code is maintained such that a specific rate is applicable from a specific effective date onwards. The rate that is maintained for the rate code as on the effective date will be picked up while calculating interest.
9	TD Rate Code	VARCHAR2	10	O	Specify the rate code to be used for Term Deposit calculation. Can be used only for term deposit accounts when 'Rate Chart Allowed' flag is enabled for the account class linked to product.

Table 10-3 (Cont.) Field Description

Field Sequence No	Tag Name	Data Type	Length	Mandatory	Description
10	UDE Variance	NUMBER	16	O	The bank can also choose to give an additional rate as a variance over and above the UDE value given for the calculation of interest. The effective rate used for calculation will be UDE Value + Value from Rate Code + Variance.

4. Statements – MT950 (Standard Format)

11

Multi Level ACK/NACK

In case of Bulk file processing, Bank generate Acknowledgement of receipt for each transmitted file along with status at various stage

Acknowledgment files are sent at a predefined interval. They contain data that are used to:

- Verify the receipt of a file
- Notification regarding successfully completing a processing stage
- Acknowledge that a file was processed successfully
- Notify to the corporate of problems with a file processing at a particular stage

Oracle Banking Electronic Data Exchange for Corporates supports multi-level ACK / NACK responses at various stages of file processing to update the corporate about the file status depending upon the corporate preferences set up during maintenance.

These ACK/NACKs can be defined as mandatory or non-Mandatory depending upon the stage on which they are being sent.

For all the mandatory ones, the bank user should mandatorily define the expected format and channel in corporate preferences.

At the time of implementation, the Bank can decide if they want to change any Mandatory ACK/NACK to optional or vice versa. Depending upon the configuration of mandatory and Non-mandatory ACK/NACK, the list will be shown in the corporate preference screen.

In, Oracle Banking Electronic Data Exchange for Corporates, the stages where the ACK/NACK response are required to generate will be specified as per below mention table.

Bank user can define and modify the ACK/NACK/Response file requirement as per the corporates requirement to receive the response at various stages of file Processing.

Table 11-1 Multi Level ACK/NACK

Stage	Mandatory/Optional
Pre-Parsing	Mandatory
Parsing & File Validation	Mandatory
Record Validation	Optional
Sent to Host	Optional
Host Response	Mandatory

Pre-configured ACK/NACK for each processing stages are as below:

Processing Stage	ACK/NACK will be sent on
Pre parsing	Pre-parsing check Success
Parsing	Parsing Success/Failure
File Validation	File Level Dedupe Failed

File Validation	File Level Limit Check Failed
Record Validation	Transaction Level Dedupe Failed/Success/ Partial Success
Record Validation	Record level limit validation Failed/Success/ Partial Success
Sent to Host	Approval - Multiple Responses
Host Response	Multiple Responses as per response received from Host

12

File Inquiry

- [File Inquiry – Oracle Banking Electronic Data Exchange for Corporates](#)

12.1 File Inquiry – Oracle Banking Electronic Data Exchange for Corporates

Oracle Banking Electronic Data Exchange for Corporates provides a summarized and detailed inquiry screen to view the files that have been received for processing. All stages of the file - previous, current and pending - are available on this screen.

Along with the status of the file, any errors encountered during the file lifecycle are also available on this screen. Screen provides a detailed information about the ACKs/NACKs sent, channel approval status, de-dupe and reconciliation status of individual record. Screen also provides an option to download the ACK/NACK response, handoff files and response files.

Bank user will be able to inquire each and every action, processing status, errors, stages, files exchanged along with the time stamp of that activity from this screen

For the files, those required the channel approval; the bank user will be able to view the approver details for every record in approval hierarchy with Approver name and Timestamp.

When the file is uploaded with multiple records, and out of those all records some of the records are approved, some are rejected and some are in other state .In this case, the application is intelligent enough to capture and display all those records as per their current status in application. .And once the bank user selects the counts of records across various status, the application will display those records sorted as per there status in Record Details tab.

File Inquiry:

This screen is refers for File Inquiry – **Summary Page**

Navigation Path:

From the **Electronic Data Exchange**, select **Inquiries** , click **File Inquiries**

On accessing 'File Inquiry' option from the menu, by default screen displays the summary of the files uploaded on that day with respective statuses. User can choose to view the details of the file by clicking on the File Reference ID or can even choose to search the files uploaded on previous days clicking search filters.

Figure 12-1 File Inquiries

Corporate	File Name	File Reference Number	Format	Transaction	#Records	Status
ACME ACME 002310	ACME_CSV_Open Virtual Account_2021007000057	19010 10 Nov 2023, 12:06:01 PM	CSV	Non Financial Virtual Account - Open Virtual Account	0	Pending In Progress
HP INDUSTRIES HP 000211	HP\$\$\$\$\$\$PAIN001V6\$\$\$\$\$\$Domestic Funds\$2021005000033.txt	19009 10 Nov 2023, 12:05:35 PM	PAIN001V6	Financial Payment - Domestic Funds	5	Failed File Validation Failed
HP INDUSTRIES HP 000211	HP\$\$\$\$\$\$PAIN001V6\$\$\$\$\$\$Domestic Funds\$2021005000032.txt	19008 10 Nov 2023, 12:04:35 PM	PAIN001V6	Financial Payment - Domestic Funds	5	Success Handoff Generation Success
HP INDUSTRIES	HP\$\$\$\$\$\$PAIN001V6\$\$\$\$\$\$Domestic	19007	PAIN001V6	Financial	5	Success

1. Refer to the following table for specifying details in the above screen:



Note:

Fields marked with '*' are mandatory.

Table 12-1 Field Description

Field Name	Description
Corporate	Displays name Party/Corporate name Displays corporate Alias Displays Corporate ID
File Name	Displays file name, that has been uploaded
File Reference Number	Display the file reference number (File Message ID from the Uploaded File) and Upload Date Time
Format	Displays format ID for the uploaded file
Transaction	Displays transaction type along with transaction category and transaction name
#Records	Displays number of records present in the file
Status	Displays Current (Logical) Status of the file

This screen is refers for File Inquiry – **Details Page**

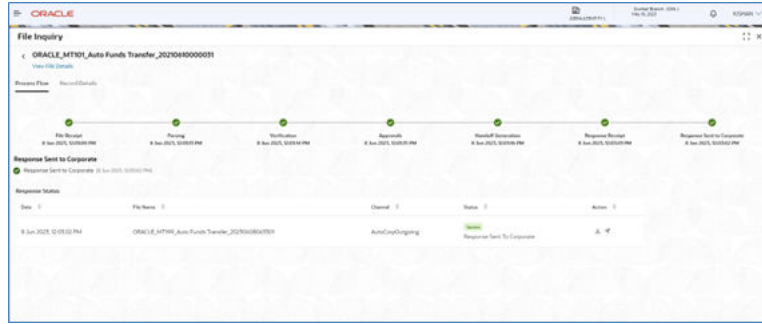
On clicking on the File Name from the summary page of file inquiry, following screen is displayed to the user. Screen displays the basic file details like name, status, reference id etc. along with the file journey

User can download the file inquiry report by clicking on the



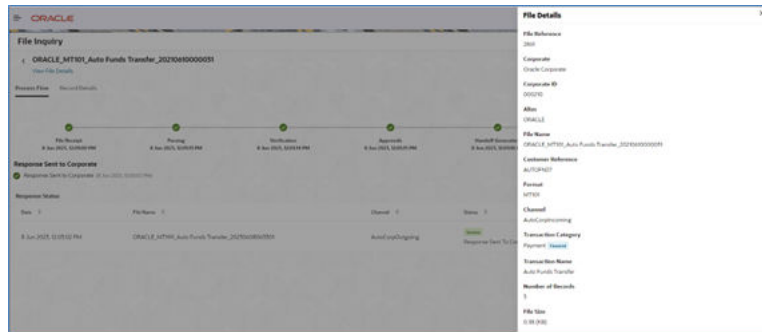
button.

Figure 12-2 File Inquiry – Details Page



On click of **View File Details**, file details and the download button to download the incoming file is displayed in the right drawer as shown below.

Figure 12-3 View File Details



On click of the **Record Details** tab, record summary in the form of the pie chart will be displayed along with the record data as shown below for each transaction.

User can download the record inquiry report by clicking on the



button.

Figure 12-4 Record Details for Payments

ORACLE (DEFAULTENTITY) Dubai Branch (006) May 18, 2023 KISHAN

File Inquiry

TCS_PAIN001V6_Domestic Funds_20210309000847

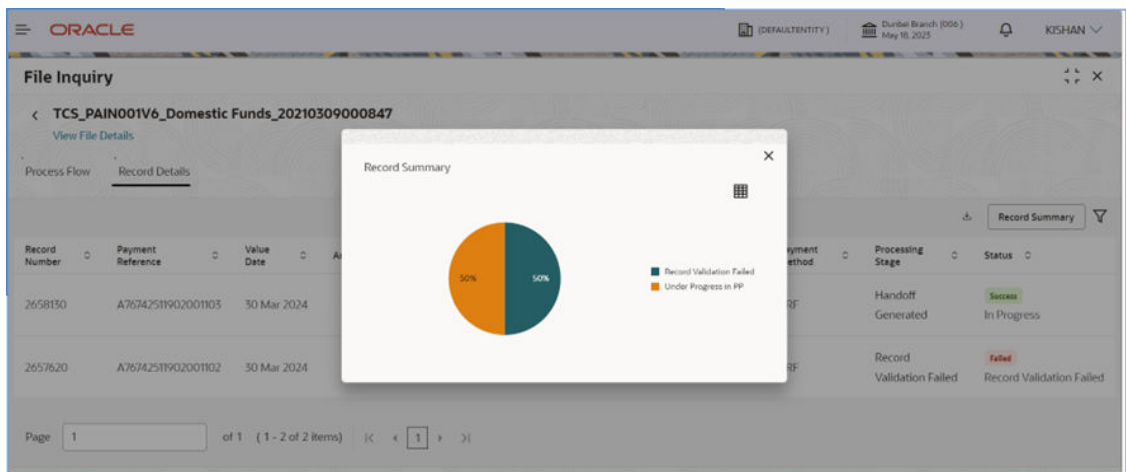
View File Details

Process Flow Record Details

Record Summary

Record Number	Payment Reference	Value Date	Amount	Debit Account	Credit Account	Beneficiary	Payment Method	Processing Stage	Status
2658150	A76742511902001103	30 Mar 2024	£2.00	HEL0046200057	UT142040486943542828	Sammy Ashcroft	TRF	Handoff Generated	Success In Progress
2657620	A76742511902001102	30 Mar 2024	£22.00	HEL0046200057	UT142040486943542828	Sammy Ashcroft	TRF	Record Validation Failed	Failed Record Validation Failed

Page 1 of 1 (1 - 2 of 2 Items)



ORACLE (DEFAULTENTITY) Dubai Branch (006) May 18, 2023 KISHAN

File Inquiry

TCS_PAIN001V6_Domestic Funds_20210309000847

View File Details

Process Flow Record Details

Record Summary

Status	No Of Records
Record Validation Failed	1
Under Progress in PP	1

Record Summary

Record Number	Payment Reference	Value Date	Amount	Debit Account	Credit Account	Beneficiary	Payment Method	Processing Stage	Status
2658150	A76742511902001103	30 Mar 2024	£2.00	HEL0046200057	UT142040486943542828	Sammy Ashcroft	TRF	Handoff Generated	Success In Progress
2657620	A76742511902001102	30 Mar 2024	£22.00	HEL0046200057	UT142040486943542828	Sammy Ashcroft	TRF	Record Validation Failed	Failed Record Validation Failed

Page 1 of 1 (1 - 2 of 2 Items)

Figure 12-5 Record Details for Open Virtual Account

Record Number	Real Customer Number	Virtual Entry ID	Virtual Account Number	Branch Code	Virtual Account Name	Account Currency	Virtual Account Number	Processing Stage	Status
1912422552553442	00052	E262D1	PRD1	HEL	Record	USD	900005	00000A000000005	Response Sent To Corporate Success Processed

Figure 12-6 Record Details for Close Virtual Account

Record Number	Virtual Account Number	Real Customer Number	Transfer to Virtual Account Number	Transfer Out Virtual Account Number	Processing Stage	Status
1912422552553442	900005	00052	900005	900005	Response Sent To Corporate	Success Account

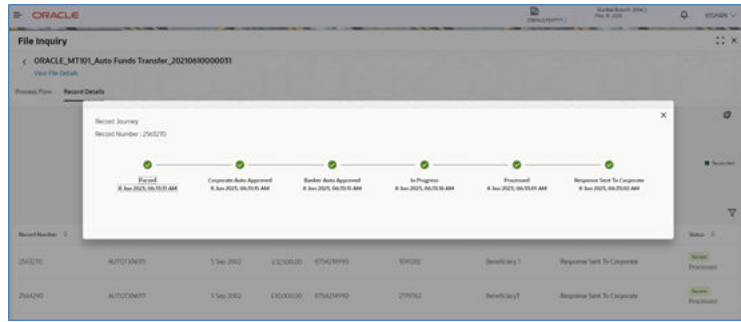
Figure 12-7 Record Details for Add Special Rates

Record Number	Virtual Account Number	Branch	Product	Effective Date	USD ID	USD Value	USD Tenure	Processing Stage	Status
1912422552553442	00052	00052	PRD1	1 Jul 2023	00052	0	0	Reconciliation Failed	Error Reconciliation Failed

Record Journey

Record Journey is displayed for each record on the click of the Status.

Figure 12-8 Record Journey



1. Refer to the following table for specifying details in the above screen:

Table 12-2 Field Description

Field Name	Description																																
Stage details																																	
File Stage Details	Displays stage details which file pass through along with status and Timestamp																																
	<table border="1"> <thead> <tr> <th>Primary Stage</th> <th>File Processing Stage</th> </tr> </thead> <tbody> <tr> <td rowspan="3">Received</td> <td>File Reception</td> </tr> <tr> <td>Process Initiation</td> </tr> <tr> <td></td> </tr> <tr> <td rowspan="3">Parsed</td> <td>File Name Check</td> </tr> <tr> <td>Pre Parsing Check</td> </tr> <tr> <td>Parsing</td> </tr> <tr> <td rowspan="5">Verified</td> <td>File Dedupe Check</td> </tr> <tr> <td>File Validation</td> </tr> <tr> <td>Transaction Dedupe Check</td> </tr> <tr> <td>Transaction Syntax Check</td> </tr> <tr> <td>Record Level Validations</td> </tr> <tr> <td>Corporate Approval</td> <td>Channel Approval (Corporate Approval Matrix - Record Synopsis)</td> </tr> <tr> <td>Handoff Generation</td> <td>Handoff Generation (Hand Off File Status)</td> </tr> <tr> <td>Response Received</td> <td>Response Reception</td> </tr> <tr> <td>Response Sent to Corporate</td> <td>Response Sent to Corporate</td> </tr> <tr> <td>Acknowledgement/Response Status</td> <td>Displays ACK / NACK / Responses generated as per predefined corporate preference with option to download response details and resend the response details.</td> </tr> <tr> <td colspan="2">File details</td> </tr> <tr> <td>File Reference</td> <td>Displays the file reference number</td> </tr> <tr> <td>Corporate ID</td> <td>Displays the Corporate ID from which file has been received</td> </tr> </tbody> </table>	Primary Stage	File Processing Stage	Received	File Reception	Process Initiation		Parsed	File Name Check	Pre Parsing Check	Parsing	Verified	File Dedupe Check	File Validation	Transaction Dedupe Check	Transaction Syntax Check	Record Level Validations	Corporate Approval	Channel Approval (Corporate Approval Matrix - Record Synopsis)	Handoff Generation	Handoff Generation (Hand Off File Status)	Response Received	Response Reception	Response Sent to Corporate	Response Sent to Corporate	Acknowledgement/Response Status	Displays ACK / NACK / Responses generated as per predefined corporate preference with option to download response details and resend the response details.	File details		File Reference	Displays the file reference number	Corporate ID	Displays the Corporate ID from which file has been received
Primary Stage	File Processing Stage																																
Received	File Reception																																
	Process Initiation																																
Parsed	File Name Check																																
	Pre Parsing Check																																
	Parsing																																
Verified	File Dedupe Check																																
	File Validation																																
	Transaction Dedupe Check																																
	Transaction Syntax Check																																
	Record Level Validations																																
Corporate Approval	Channel Approval (Corporate Approval Matrix - Record Synopsis)																																
Handoff Generation	Handoff Generation (Hand Off File Status)																																
Response Received	Response Reception																																
Response Sent to Corporate	Response Sent to Corporate																																
Acknowledgement/Response Status	Displays ACK / NACK / Responses generated as per predefined corporate preference with option to download response details and resend the response details.																																
File details																																	
File Reference	Displays the file reference number																																
Corporate ID	Displays the Corporate ID from which file has been received																																

Table 12-2 (Cont.) Field Description

Field Name	Description
Alias	Displays the Corporates Alias name
File Name	Displays file name, that has been uploaded
Customer Reference	Displays the Message Id of the file uploaded, Data in this field is displayed for payments related files uploaded
Upload Date	Displays upload date of the file
Format	Displays format for the uploaded file
Channel	Displays the channel name in which file was received/sent
Transaction Category	Displays the transaction category of the received file
Transaction Name	Displays the transaction name for which bulk file has been uploaded
Number Of Records	Displays the number of the transaction available in File
File Size	Displays the file size
Upload Date	Displays the upload date and time of the file received
Download File	Option to download the original file
Record details (For Payments)	
Record Number	Displays Record Reference Number assign to the record
Payment Reference Number	Displays Payment Reference Number for the transaction record processed
Value Date	Displays value date of the transaction processed
Amount	Displays the amount of the transaction with currency
Debit Account	Displays the Debit Account Number
Debit IBAN	Displays Unique International Bank Account Number
Credit Account	Displays the Credit Account Number
Credit IBAN	Displays Unique International Bank Account Number
Beneficiary Name	Displays the beneficiary name of transaction
Payment Method	Displays the mode of payment.
Processing Stage	Displays the stage at which transaction is lying
Status	Displays the status of the transaction whether it is processed or failed.
Record details (For Open Virtual Account)	
Record Number	Displays Unique Record Number generated in OBEDX for the transaction record
Real Customer Number	Display the Real Customer Number received in the uploaded file
Real Account Number	Display the Real Account Number received in the uploaded file
Virtual Entity ID	Display the Virtual Entity ID received in the uploaded file
Virtual Account Product	Display the Virtual Account Product received in the uploaded file
Branch Code	Display the Branch Code received in the uploaded file
Virtual Account Name	Display the Virtual Account Name received in the uploaded file
Account Currency	Display the currency received in the uploaded file
Virtual Account Number	Display the Virtual Account Number created in the Product Processor
Processing Stage	Displays the stage at which transaction lying
Status	Displays the status of the transaction whether it is processed or failed.
Record details (For Close Virtual Account)	

Table 12-2 (Cont.) Field Description

Field Name	Description
Record Number	Displays Unique Record Number generated in OBEDX for the transaction record
Virtual Account Number	Displays Virtual Account Number present in the incoming file
Virtual Account Name	Displays Virtual Account Name present in the incoming file
Real Customer Number	Displays Real Customer Number present in the incoming file
Real Account Number	Displays Real Account Number present in the incoming file
Virtual Entity ID	Displays Virtual Entity ID present in the incoming file
Transfer In Virtual Account No	Displays Transfer In Virtual Account Number present in the incoming file
Transfer Out Virtual Account No	Displays Transfer Out Virtual Account Number present in the incoming file
Virtual Account Number	Display the Virtual Account Number created in the Product Processor
Processing Stage	Displays the stage at which transaction lying
Status	Displays the status of the transaction whether it is processed or failed.
Record details (For Add Special Rates)	
Record Number	Displays Unique Record Number generated in OBEDX for the transaction record
Virtual Account Number	Displays Virtual Account Number present in the incoming file
Branch	This field in the incoming file is the code of the branch in which the accounts are created.
Product	To calculate interest for an account, you must apply an interest product on the account. Every interest product is linked to an interest rule and interest will be calculated according to the formulae maintained in the rule. More than one interest product can be applied to an account.
Effective Date	This indicates the date from which the Product-UDE combination takes effect. Different values can be maintained for a UDE, for different effective dates, for an account. When interest is calculated on a particular day for an account, the value of the UDE corresponding to the date will be picked up.
UDE ID	Every product that is created is linked to a rule. In the rule, the UDEs (User Defined Element) that are required to calculate interest are specified. A rule can have more than one UDE.
UDE Value	In this field the value of the UDE (i.e. rate) to be used for calculation of interest for the account is specified.
Rate Code	Instead of specifying a value for the UDE, or in addition to the UDE value specified, a Rate code can be applied to the UDE. Rate code is maintained such that a specific rate is applicable from a specific effective date onwards. The rate that is maintained for the rate code as on the effective date will be picked up while calculating interest.
TD Rate Code	Specify the rate code to be used for Term Deposit calculation. Can be used only for term deposit accounts when 'Rate Chart Allowed' flag is enabled for the account class linked to product.
UDE Variance	The bank can also choose to give an additional rate as a variance over and above the UDE value given for the calculation of interest. The effective rate used for calculation will be UDE Value + Value from Rate Code + Variance.
Processing Stage	Displays the stage at which transaction lying

Table 12-2 (Cont.) Field Description

Field Name	Description
Status	Displays the status of the transaction whether it is processed or failed.
Record details (Search Filter for Payments)	
Processing Stage	Display all the status applicable
Value Date	Display as below Today Last 3 Days Last 7 Days Last 15 Days Date Range
From Value Date	Select From date
To Value Date	Select To date
Currency	Display all available currencies
Amount From	Provide the amount above which records will be filtered
Amount To	Provide the amount below which records will be filtered
Record details (Search Filter for Open Virtual Account)	
Processing Stage	Display all the status applicable
Virtual Account Name	Provide Virtual Account Name for which filter is required
Virtual Account Branch	Provide Virtual Account Product for which filter is required
Virtual Account Product	Provide Virtual Account Product for which filter is required
Account Currency	Display all available currencies
Record details (Search Filter for Close Virtual Account)	
Processing Stage	Display all the status applicable
Virtual Account Number	Provide Virtual Account Number for which filter is required
Virtual Account Name	Provide Virtual Account Name for which filter is required
Transfer In Virtual Account No	Provide Transfer In Virtual Account No for which filter is required
Transfer Out Virtual Account No	Provide Transfer Out Virtual Account No for which filter is required
Record details (Search Filter for Close Virtual Account)	
Processing Stage	Display all the status applicable
Effective Date	Display as below Today Last 3 Days Last 7 Days Last 15 Days Date Range
From Date	Select From date
To Date	Select To date
Virtual Account Name	Provide Virtual Account Name for which filter is required
Product	Real time values based on distinct Product Id's present in this file
UDE ID	Real time values based on distinct Product Id's present in this file

13

Banker Approval

- [Banker Approval Screen](#)

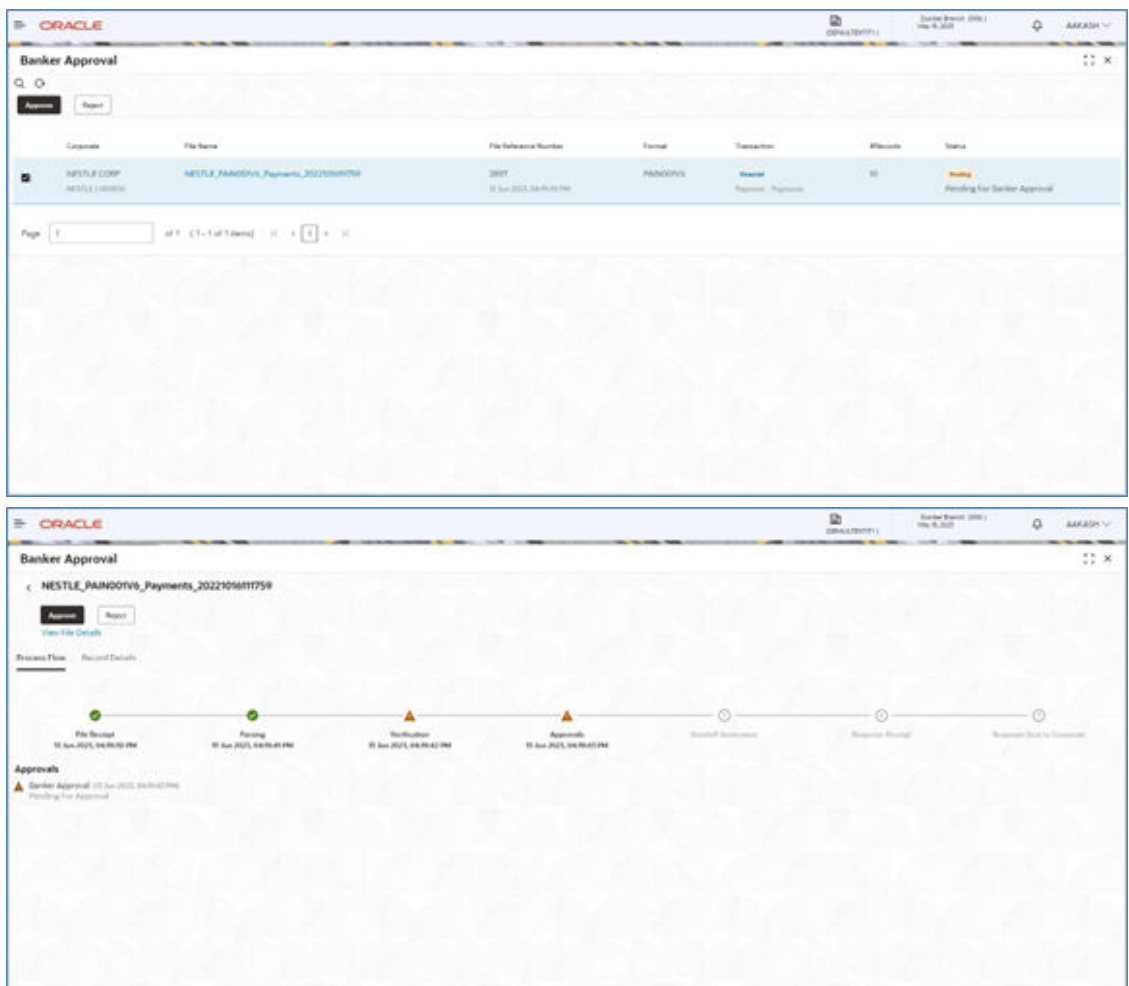
13.1 Banker Approval Screen

Navigation Path:

From the **Electronic Data Exchange**, select **Approval**, click **Banker Approval**

Bank user can go to above path to see the files pending for file level approval. User can take action either from the main screen or from the detailed screen as shown below in two screenshots.

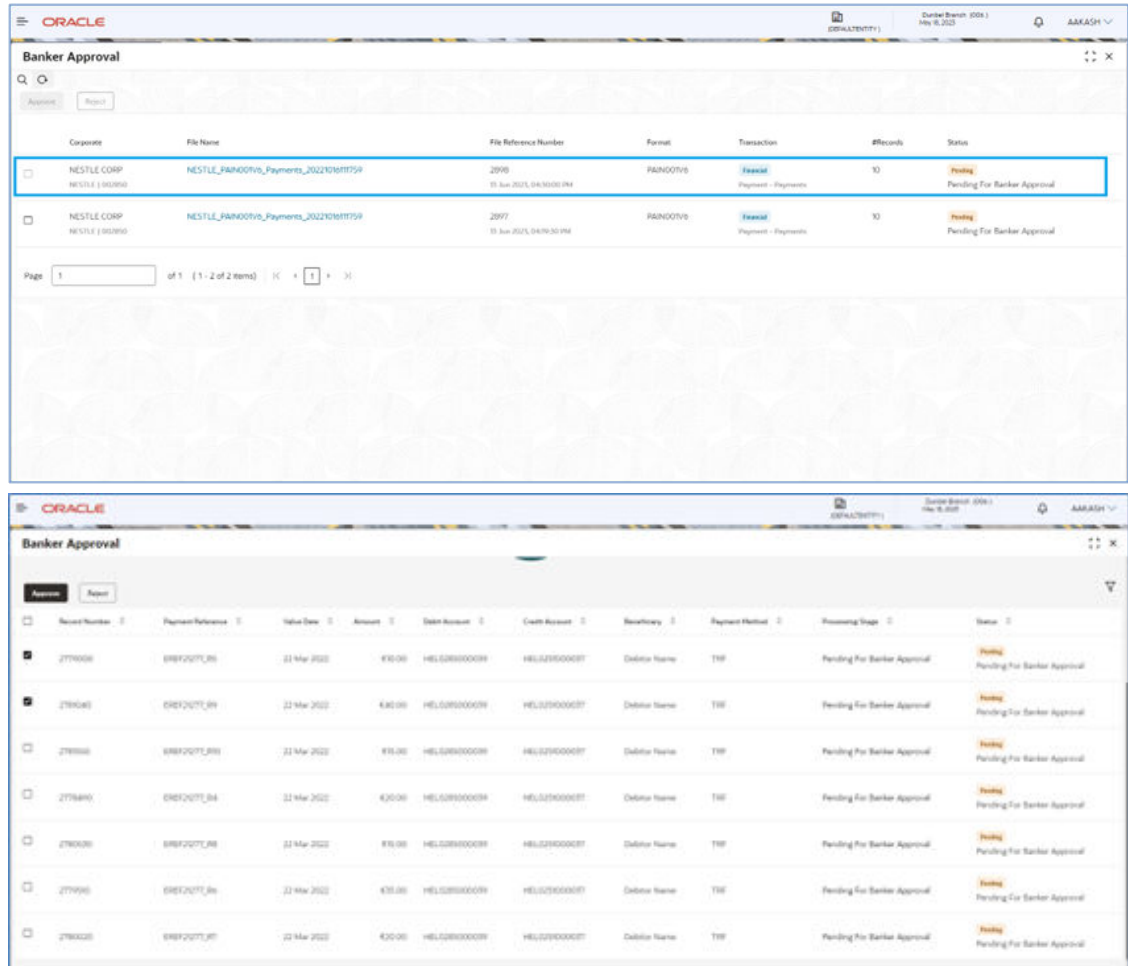
Figure 13-1 Files pending for file level approval



Bank user can either Approve or Reject the File.

Below are the screenshots for the Record Level approval. Users are not allowed to take approval action from the main screen, as checkbox is disabled. They can take actions from the record details, in multiple iterations.

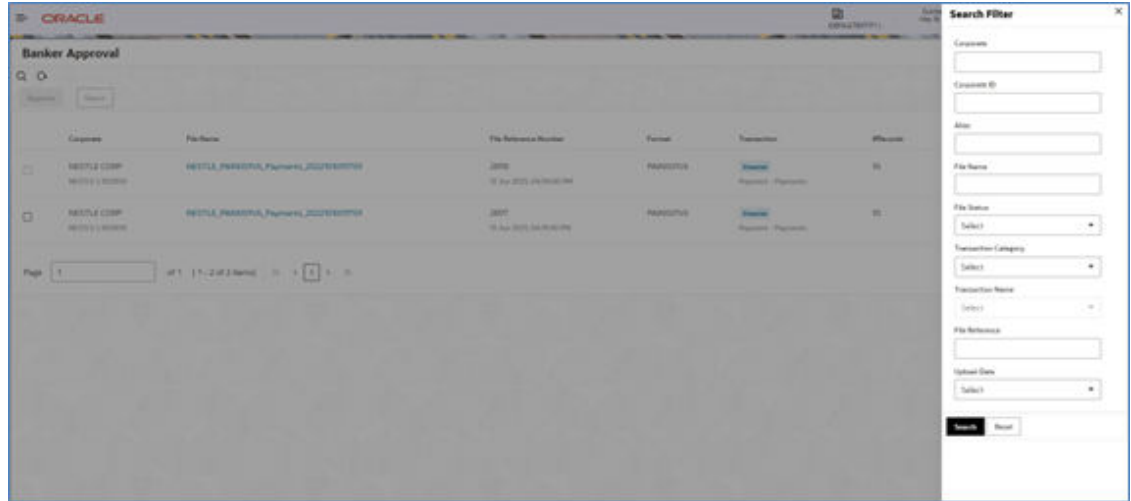
Figure 13-2 Record Level approval



Bank user can either Approve or Reject the Records.

Search Filters for the Approval screen can be used to filter out the files as per the required criteria.

Figure 13-3 Filters for the Approval screen



14

Exception Management

- [Exception Management Screen](#)

14.1 Exception Management Screen

Navigation Path:

From the **Electronic Data Exchange**, select **Exception Management**, click **Exception Queue**

Bank user can go to above path to see the files which are in repair queue. User can either Reprocess or Reject the file from the Inquiry detailed screen as shown below in two screenshots.

Figure 14-1 Inquiry detailed screen

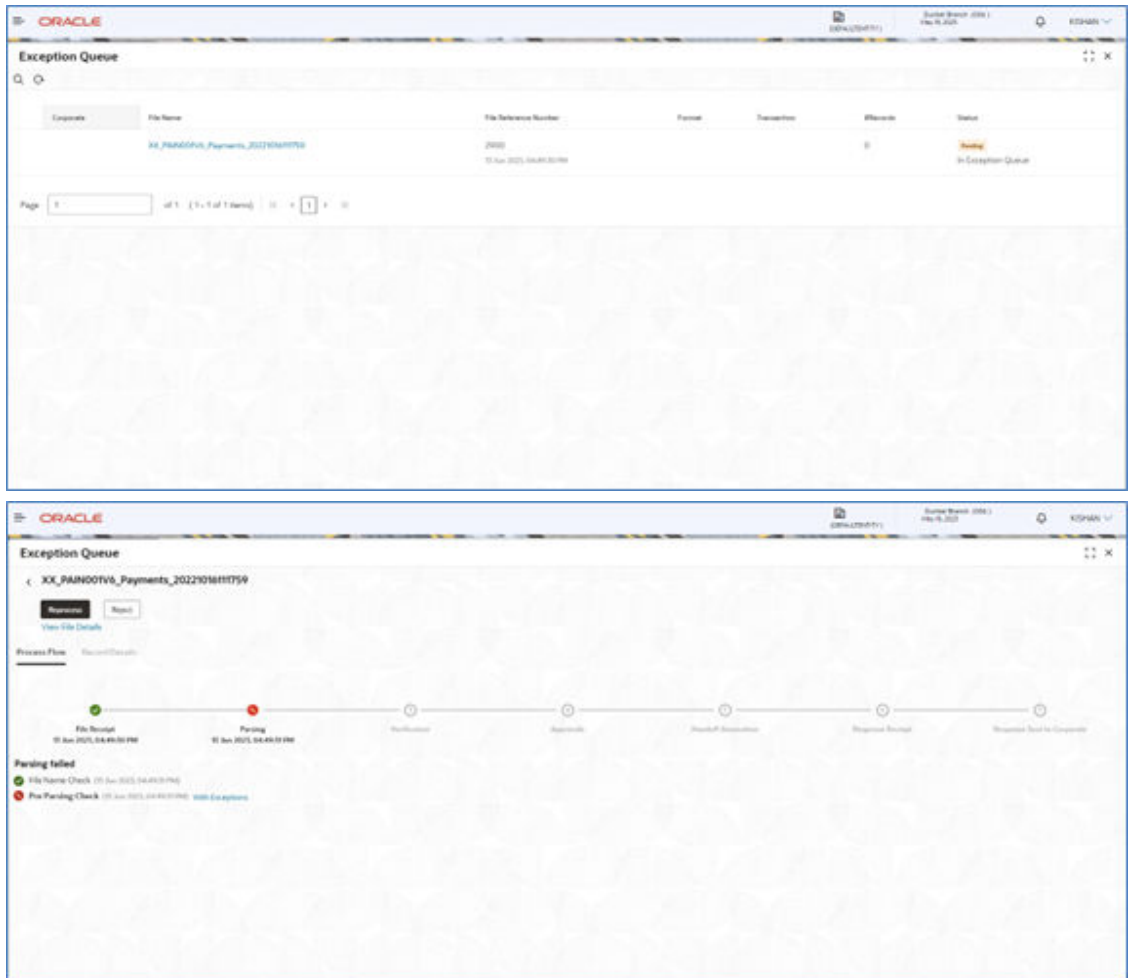
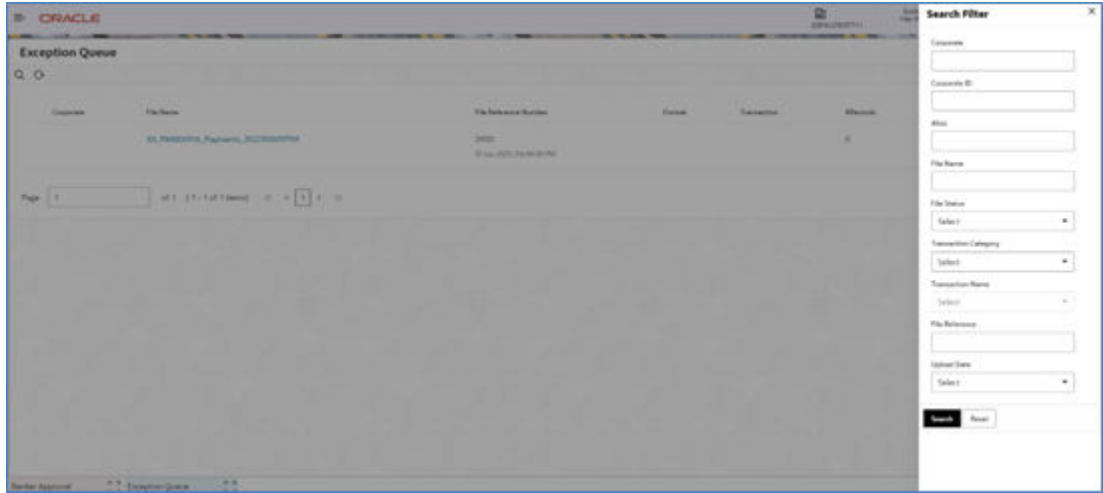


Figure 14-2 Search Filters



15

Reference and Feedback

- [References](#)
- [Feedback and Support](#)

15.1 References

For more information on any related features, you can refer the following documents:

- [Getting Started User Guide](#)
- [Common Core User Guide](#)
- [Security Management System User Guide](#)
- [Oracle Banking Electronic Data Exchange for Corporates User guide](#)

15.2 Feedback and Support

Oracle welcomes customers' comments and suggestions on the quality and usefulness of the document. Your feedback is important to us. If you have a query that is not covered in this user guide or if you still need assistance, please contact documentation team.

16

List of Topics

This manual is organized into the following chapters:

Table 16-1 List of Topics

Chapter	Description
Chapter 1	About this Manual gives information on the intended audience. It also Lists the various chapters covered in this User Manual.
Chapter 2	Transaction Integration Host Matrix highlights the systems which are integrated with Oracle Banking Electronic Data Exchange for Corporates to process Financial & Non-Financial transactions
Chapter 3	Oracle Banking Electronic Data Exchange for Corporates Overview– This chapter provides a brief introduction of the product,
Chapter 4	Configuration and Data setup for the system.
Chapter 5	Format Definition and Mapping
Chapter 6	Data Transformation and Mapping
Chapter 7	Corporate Preference
Chapter 8	Integration Preference
Chapter 9	Dedupe Rule Maintenance
Chapter 10	Correlation Rule Maintenance
Chapter 11	File upload
Chapter 12	Multi-Level ACK / NACK
Chapter 13	File Inquiry
Chapter 14	Banker Approval
Chapter 15	Exception Management
Chapter 16	Reference and Feedback

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