

Oracle® Banking Electronic Data Exchange for Corporates User Guide



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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

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

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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

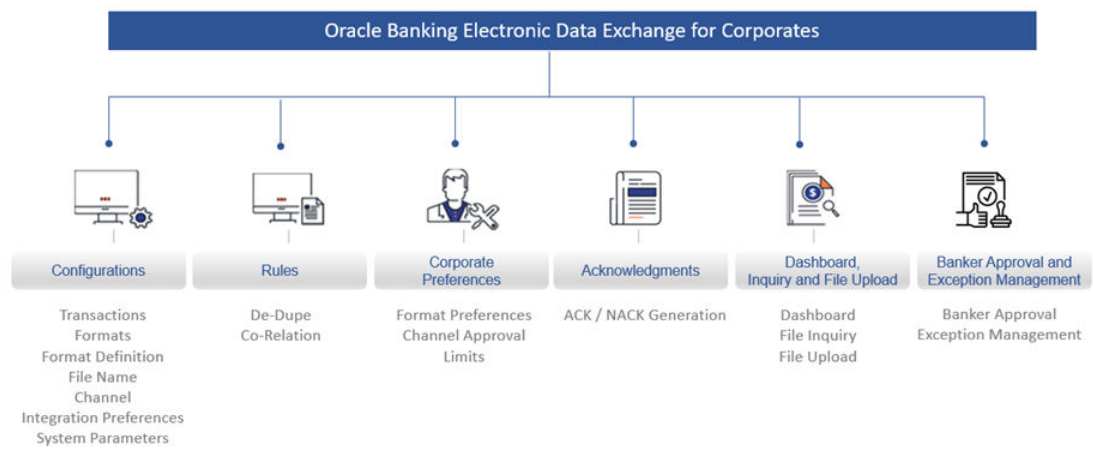
'Oracle Banking Electronic Data Exchange for Corporates' is a comprehensive solution for orchestrating high volume transaction files across bank's portal and product processors, once received by the financial institutions from their corporate clients.

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.

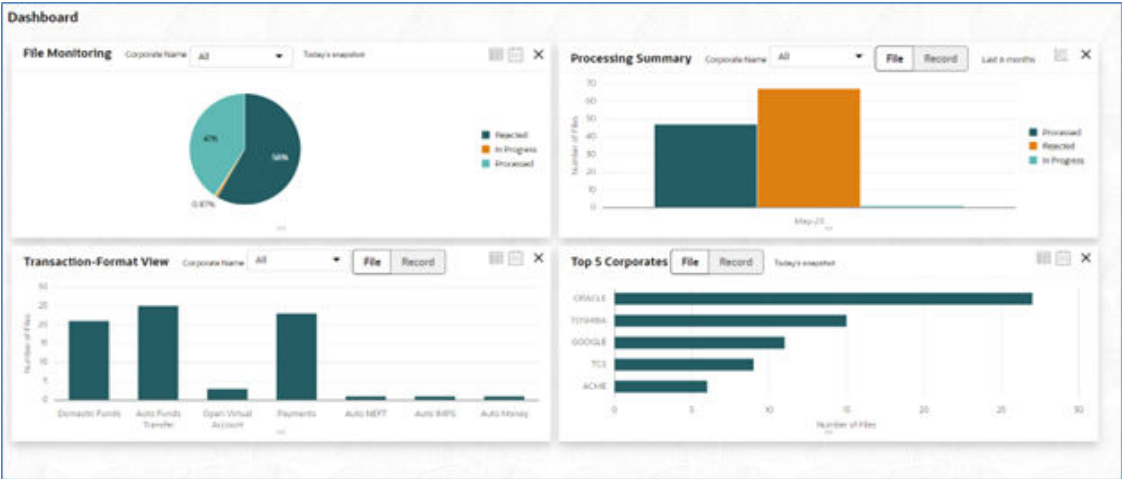
You can perform following actions on the dashboard:

- 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

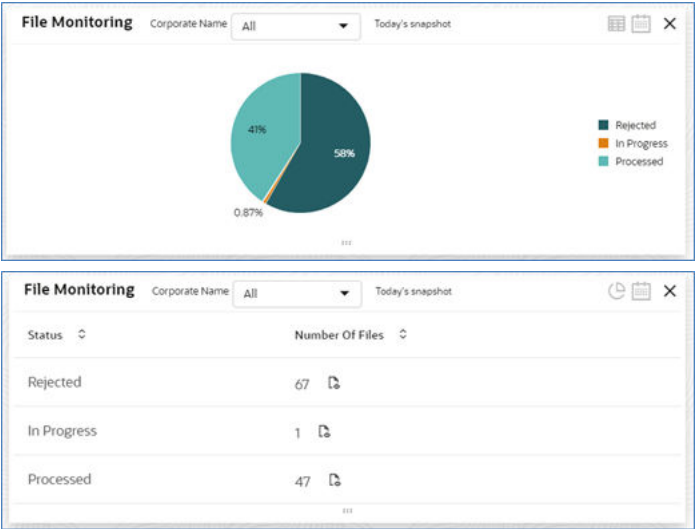


- [File Monitoring](#)
- [Transaction Format View](#)
- [Processing Summary](#)
- [Top 5 Corporates](#)

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

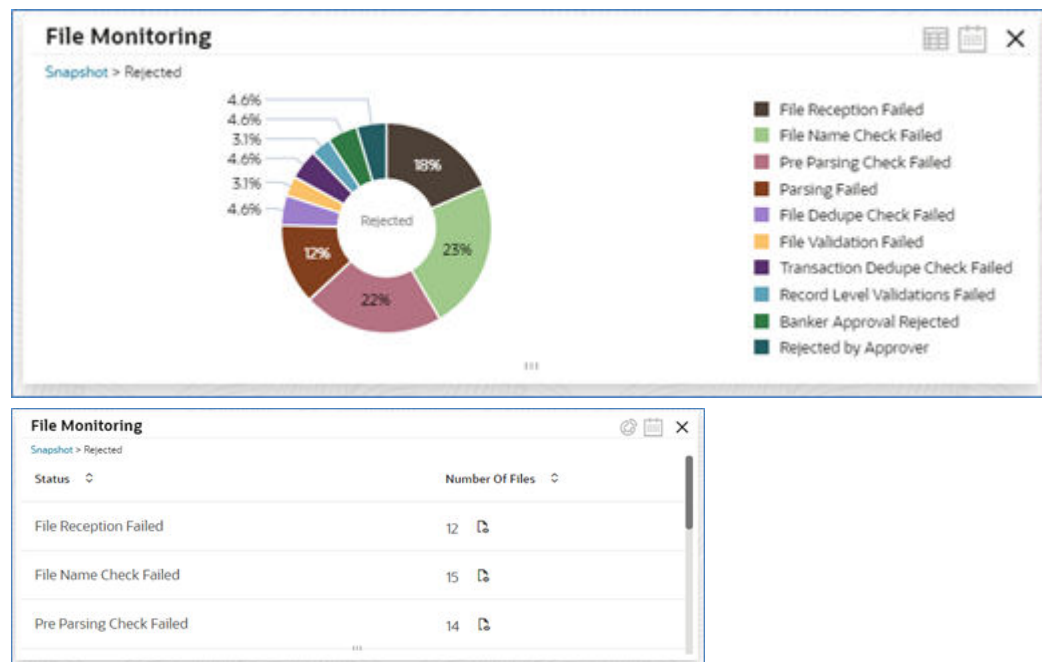


The following details are displayed in the widget:

- 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

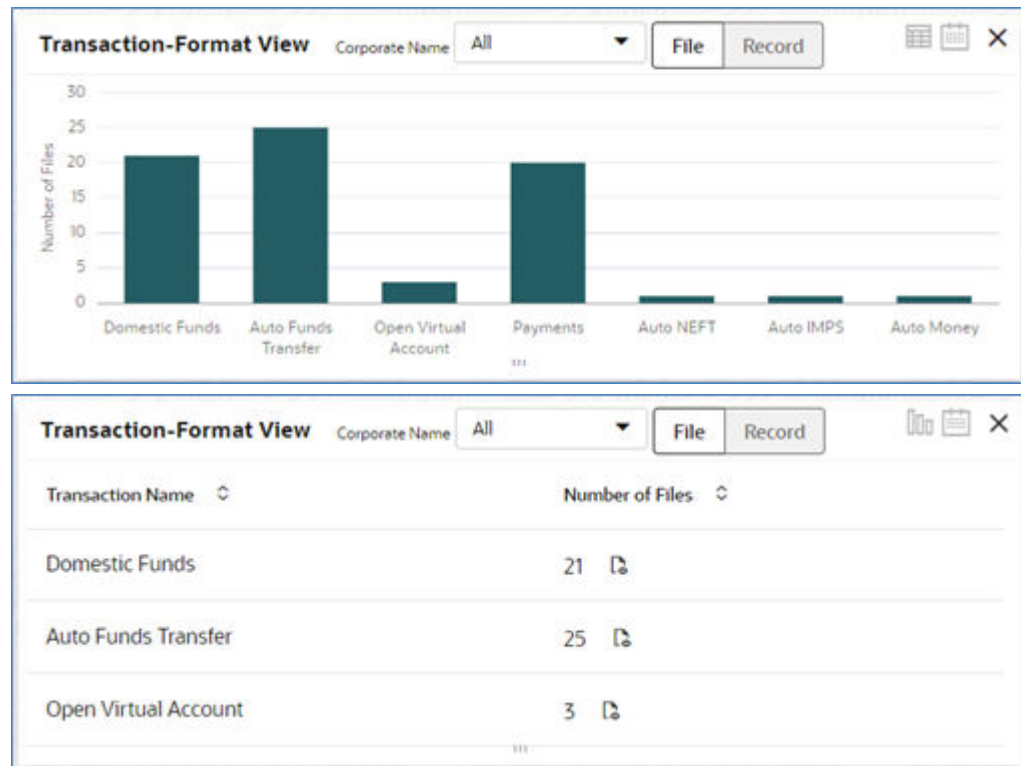
- To view the file count instead of percentage break-up, click on flip button at the top-right
- The columns in the widget are as below:

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 Transaction Format View

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

Figure 2-5 Transaction Format View

The following details are displayed in the widget:

- Hover the bar to view the file count
- Click on the bar to drilldown to view the format view
- Filter the files based on Corporate
- Filter the data either for File or for Record
- Click on Table view icon, to view the total number of the files received for each transaction

- Click on the File eye view to view the Inquiry details of the files

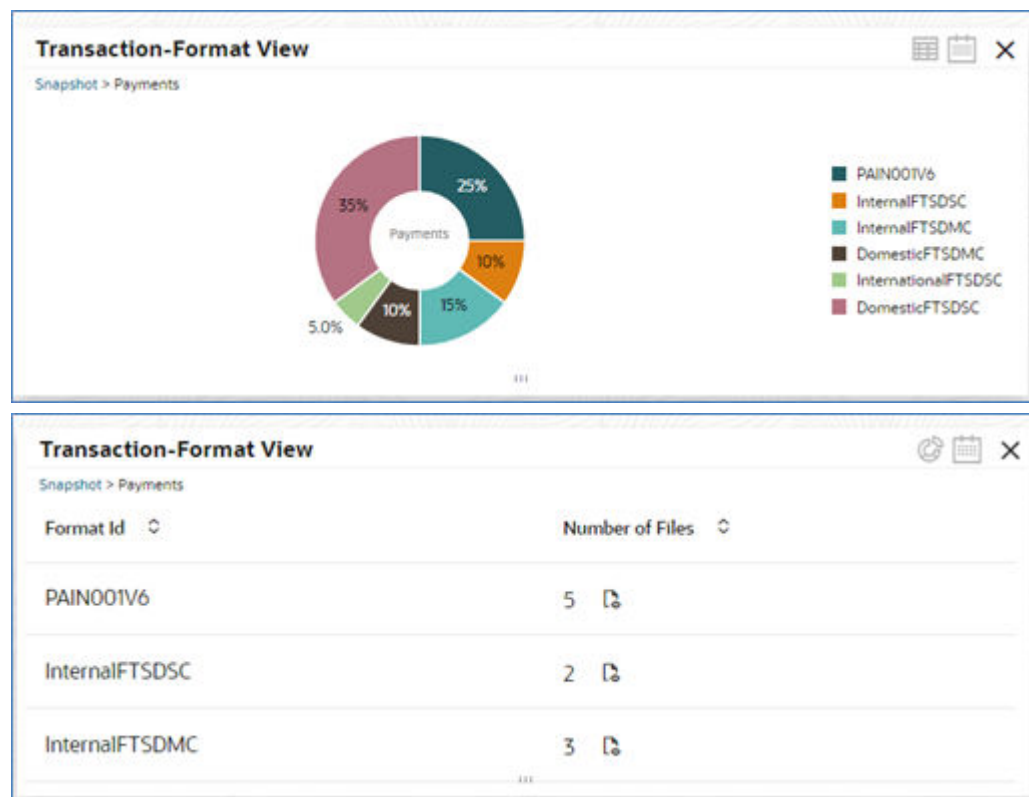
The columns in the widget are as below:

Table 2-2 Columns in the widget

Column	Description
Transaction Name	Displays the name of the transaction
Number of Files	Displays the count of files available under that transaction and the file eye view to redirect to the File Inquiry screen

Each status can be further drilled down to know the number of files received for each format. This is represented in the form of a pie chart.

Figure 2-6 Transaction Format View



The following details are displayed in the widget:

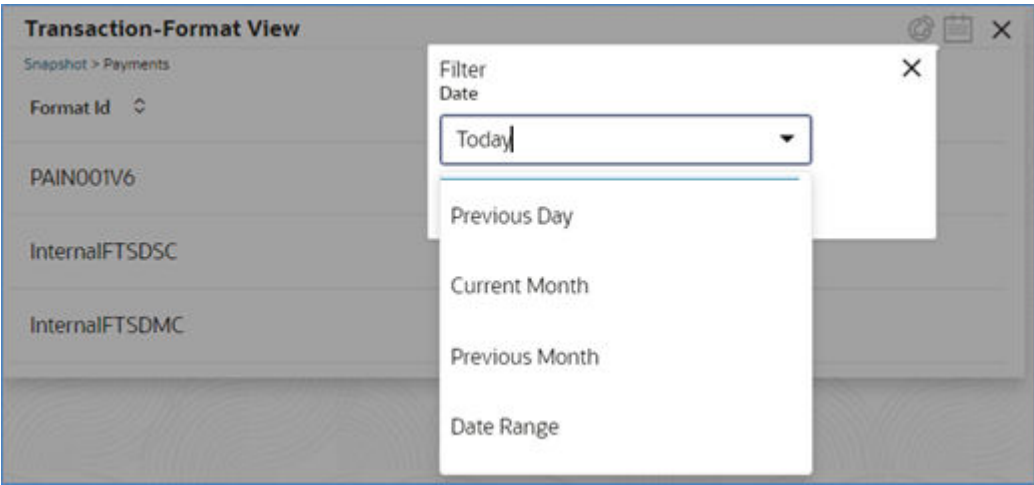
- Hover the pie to view the file count
- Click on Table view icon, to view the total number of the files received for each format
- Click on the File eye view to view the Inquiry details of the files

Table 2-3 Columns in the widget

Column	Description
Format Id	Displays the format id
Number of Files	Displays the count of files available under that transaction and the file eye view to redirect to the File Inquiry screen

Date filter can be used to search the data based on the required date. Possible values include Today, Previous day, Current month, Previous month and manual date range.

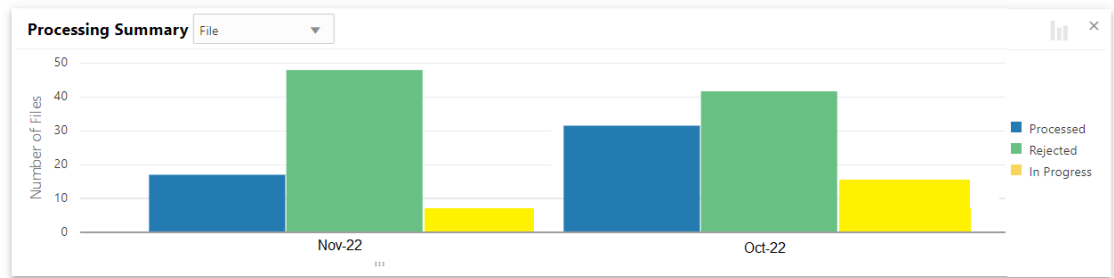
Figure 2-7 Transaction Format View

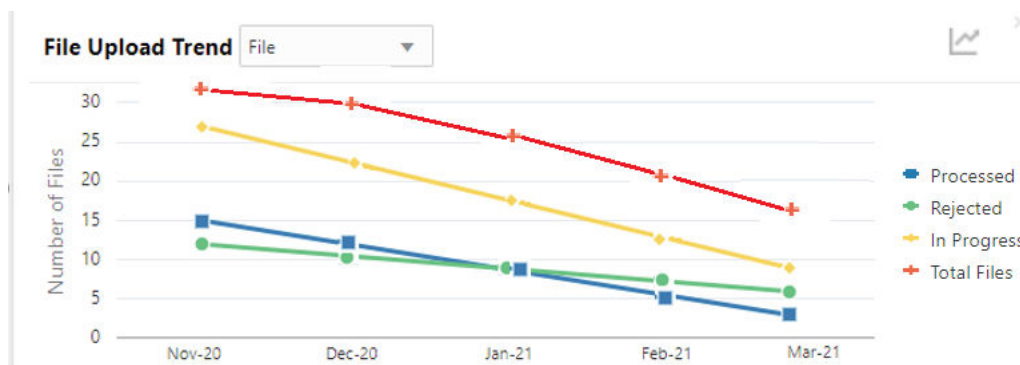


2.2.3 Processing Summary

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 2-8 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:

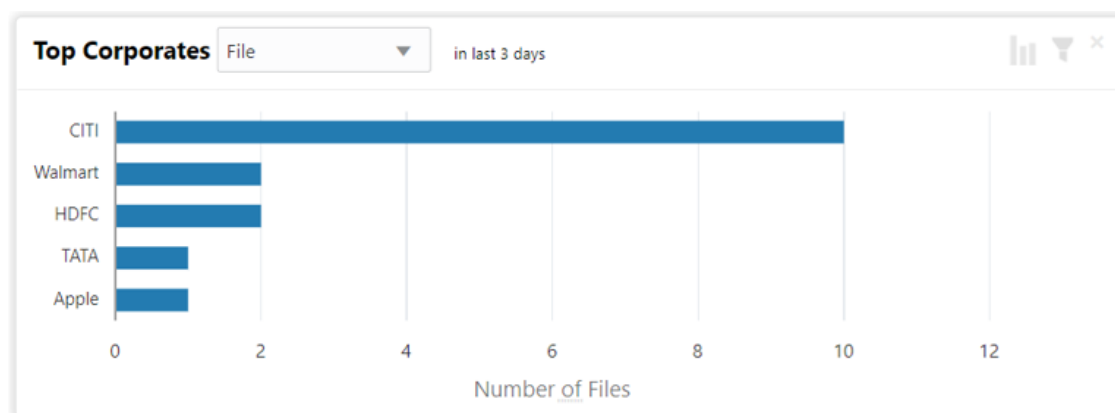
User can drill down his search to view the Total Record count that has been received by Oracle Banking Electronic Data Exchange for Corporates platform for processing within file, with status of either processed or rejected.

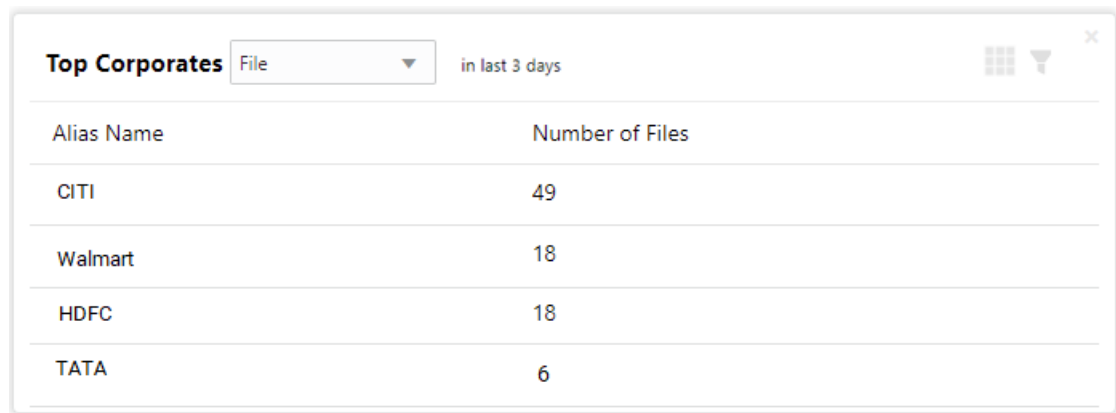
- On click of the graph button at the top-right views, File Upload trend with Line graph will be displayed, which represents the data as a line, as a series of data points, or as data points that are connected by a line. The Line graph will indicate the total number of files count across Y-axis and last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

2.2.4 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 2-9 Top Corporates





Alias Name	Number of Files
CITI	49
Walmart	18
HDFC	18
TATA	6

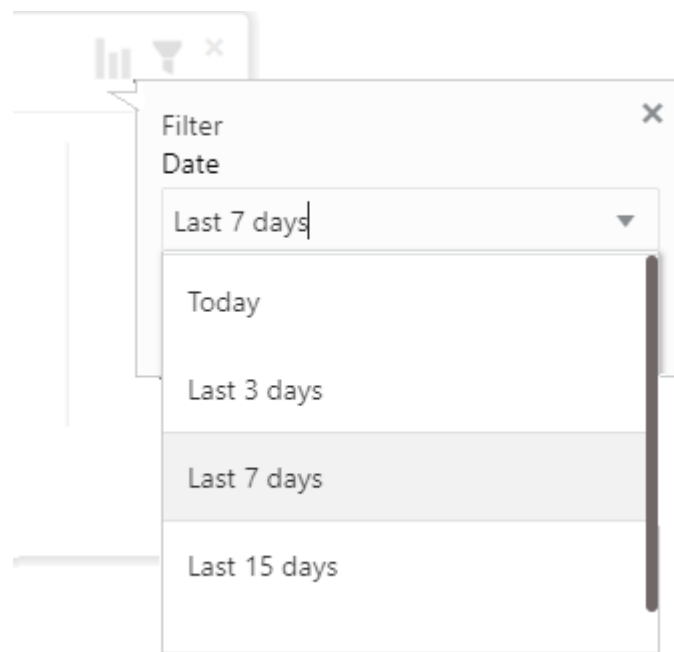
The following details are displayed in the widget:

- 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 2-10 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 2-4 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

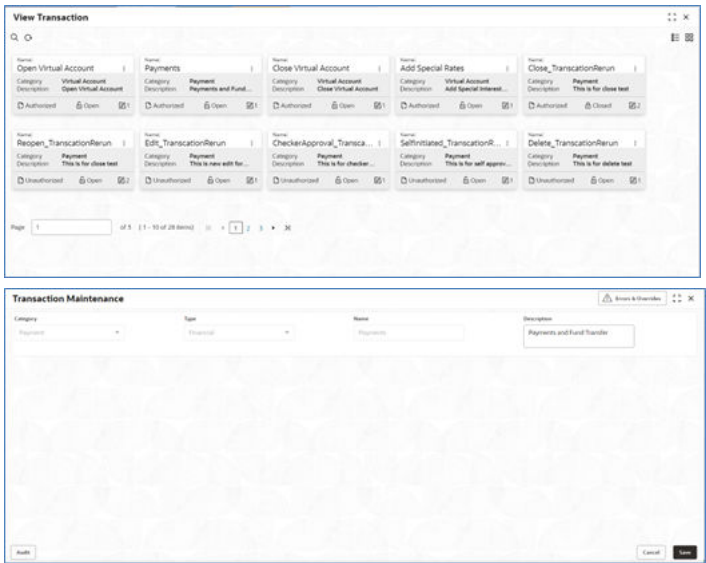
This screen allows the bank user to view the various transactions for which corporate can opt for sending data for processing. **View Transaction Maintenances:**

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

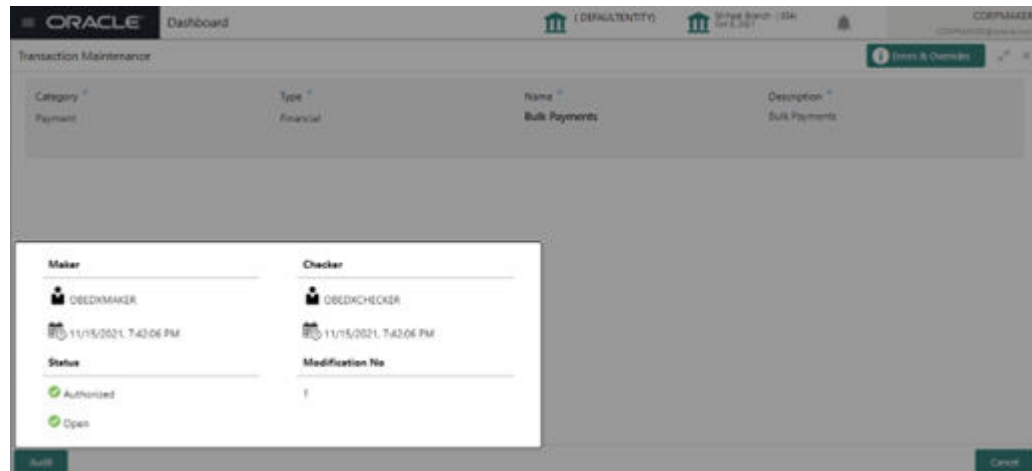
Fields marked with '*' are mandatory.

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:

1. Authorize	<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.
2. Delete	<p>To delete the data permanently, which is not yet authorize.</p>
3. Close	<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.
4. Reopen	<p>To reopen the maintenance record which is temporary Closed</p>
5. View	<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

The screenshot shows the 'Format Maintenance' screen with the following fields and values:

Field	Value	Mandatory
Identifier	PAIN001V6	Yes
Description	PAIN001V6	Yes
Effective Date	Oct 28, 2021	Yes
Expiry Date	Oct 31, 2023	Yes
Version	1	Yes
Transaction Category	Payment	Yes
Type	Incoming	Yes
Format Category	ISO	Yes
Maximum Payload Size (in KB)	2000	Yes
Maximum Records in Payload	1000000	Yes
Encoding	UTF-8	Yes

Buttons: Audit, Save, Cancel. Top right: CORPMAKER, CORPMAKER@oracle.com.

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 is 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

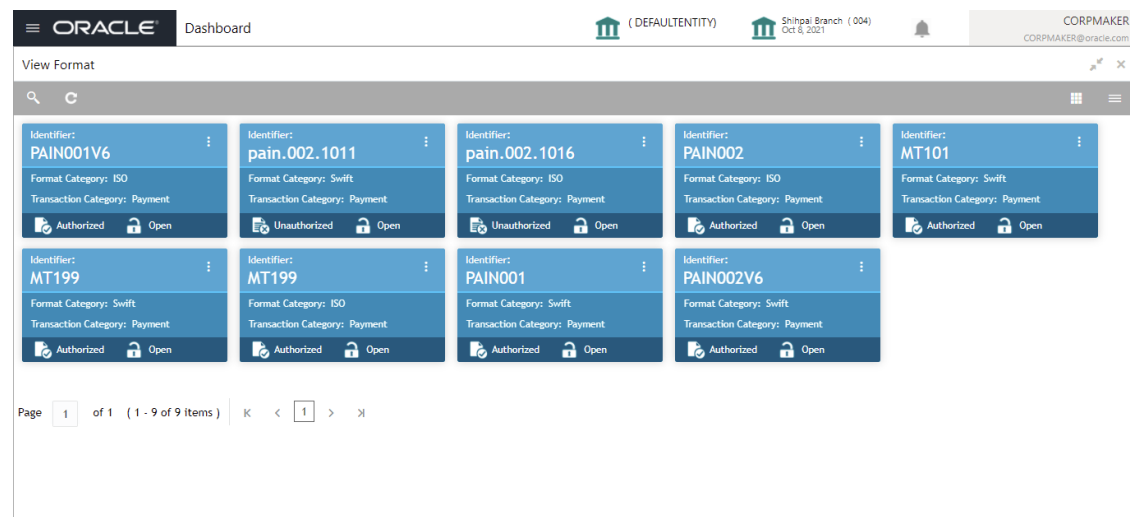
View Format Maintenances:

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



Identifier *	Description *	Effective Date *	Expiry Date *
PAIN001V6	PAIN001V6	Oct 28, 2021	Oct 31, 2022

Version *	Transaction Category *	Type *	Format Category *
1.1	Payment	Incoming	ISO

Maximum Payload Size (in KB) *	Maximum Records in Payload *	Encoding *
2000	140000	UTF-8

Audit Cancel

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

Figure 3-5 Event of operation performed

Identifier *	Description *	Effective Date *	Expiry Date *
PAIN001V6	PAIN001V6	Oct 28, 2021	Oct 31, 2022

Version *	Transaction Category *	Type *	Format Category *
1	Payment	Incoming	ISO

Maximum Payload Size (in KB) *	Maximum Records in Payload *	Encoding *
1000	100	UTF-8

Audit Cancel

Maker

ABHAY

10/8/2021, 7:06:46 PM

Status

Authorized

Open

Checker

KINJAL

10/8/2021, 7:07:30 PM

Modification No

1

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

1. Unlock	To modify the record details. Refer to the Create Format Maintenance section for field level details.
2. Authorize	<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>Note<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>Note<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>Note<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>	
Attribute Name *	Name of the attributes for which data fields is being setup will be displayed here

Table 3-3 (Cont.) Field Description

Field Name	Description
Rename Fields *	Enter name of the attribute, which is expected in the file template and not available in the current attribute list. <div><div>Note<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></div>
Data Type *	Select the Data type for attribute, which is being added in file name template. <div><div>Note<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></div>
Length *	Specify the length of each individual attribute <div><div>Note<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 enterDisplay only if Separated with Delimiter is selected as "No"</div></div>
Padding Character *	Specify the padding character expected in corporate file <div><div>Note<p>Display only if Separated with Delimiter is selected as "No"</p></div></div>

Table 3-3 (Cont.) Field Description

Field Name	Description
Padding Position *	Select the position of pad character in corporate file
<div><div>Note</div><div>Display only if Separated with Delimiter is selected as "No"</div></div>	
Date and Time Format*	Select the date and time format expected in File Name
<div><div>Note</div><div>Populate this field when Date and Time Format is selected as one the file name attribute</div></div>	

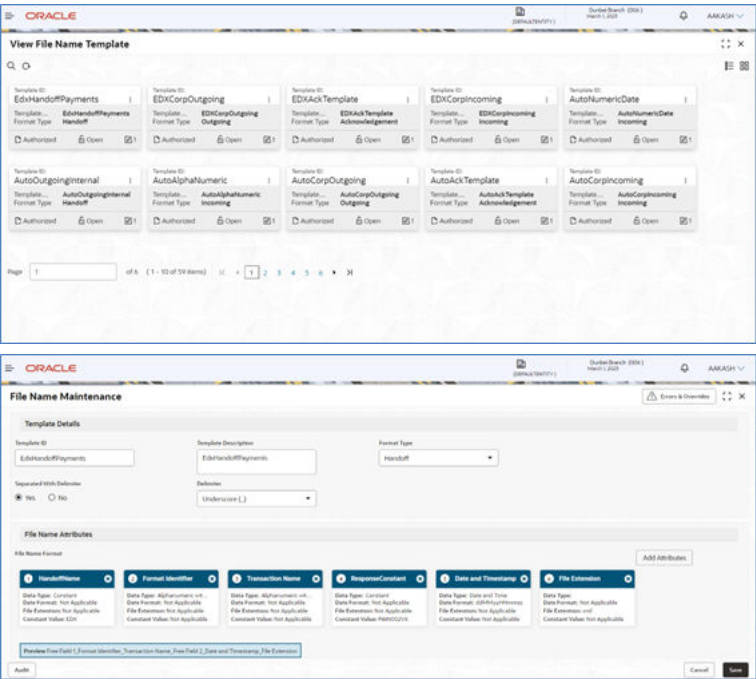
View File Name Template:

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

Navigation Path:

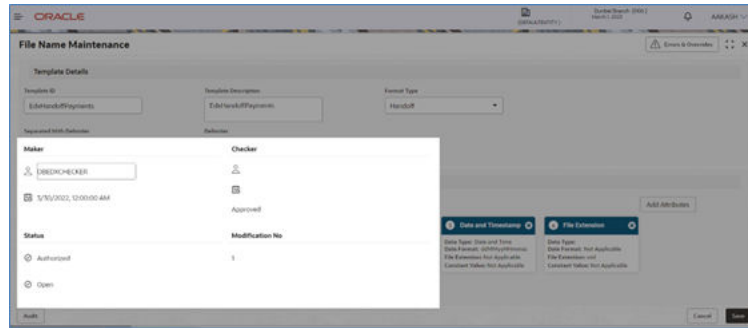
From the **Electronic Data Exchange**, select **Maintenance**, click **File Name**, and then click **View File Name Template**

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:

1. Unlock	To modify the record details. Refer to the Create File Name Template Maintenance section for field level details.
2. Authorize	<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.
3. Delete	To delete the data permanently, which is not yet authorize.
4. Close	<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
Channel Description *	Enter the description for the Channel

Table 3-4 (Cont.) Field Description

Field Name	Description
Direction *	Specify the direction of the channel maintenance, which is being setup. <div>Note<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>Note<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>Note<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>Note<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> Note This field will be displayed only when Direction is selected as Incoming – External or Incoming – Internal</div>	
Frequency	This field will display frequency of the Scheduler selected in previous step
<div> Note This field will be displayed only when Direction is selected as Incoming – External or Incoming – Internal</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> Note This field will be displayed only if the user selects the control file in Concurrency Check field</div>	
Allowed File Size (in KB) *	Specify maximum allowed size for Channel Maintenance in KB
Throttle Size *	Enter the Throttle Size of scheduler

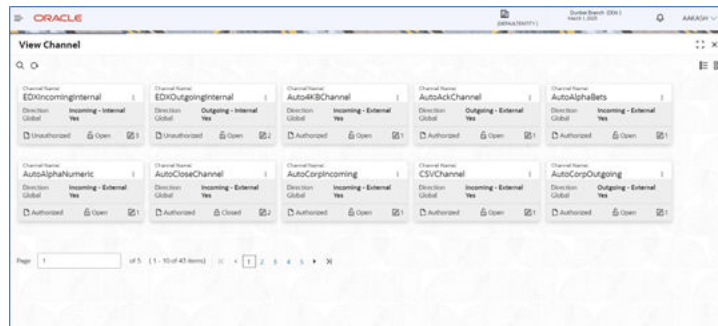
View Channel Maintenances:

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

Navigation Path:

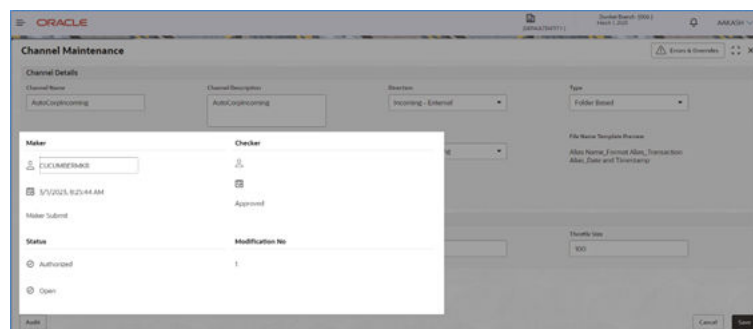
From the **Electronic Data Exchange**, select **Maintenance**, click **Channel**, and then click **View Channel**

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:

1. Unlock	To modify the record details. Refer to the Create Channel Maintenance section for field level 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. 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.

	<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	<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.
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

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Create Format Definition and Mapping

Errors and Overrides

Back | 1 | 2 | 3 | Next

Select Template | File Definition | Mapping

Transaction: Select (Required)

Direction: Select (Required)

Format Identifier: Select (Required)

Format Mapping

Format Type: Select (Required)

Template Name: (Required)

Select Template

Cancel | Save

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View Format Definition and Mapping

Errors and Overrides

Back | 1 | 2 | 3 | Next

Select Template | File Definition | Mapping

Header

Field	Field Name	Fixed/Variable	Values	Mandatory	Data Type	Format	Min Length	Max Length	Action
		Variable		Yes	String				✓ X
1	partyID	Variable		Yes	String				✎ ⚙
2	total records	Variable		Yes	Number				✎ ⚙
3	total amount	Variable		Yes	Amount				✎ ⚙
4	debit account number	Variable		Yes	String				✎ ⚙

Record Type

Field	Field Name	Fixed/Variable	Values	Mandatory	Data Type	Format	Min Length	Max Length	Action
		Variable		Yes	String				✓ X
1	amount	Variable		Yes	Amount				✎ ⚙
2	currency	Variable		Yes	String		3	3	✎ ⚙
3	value date	Variable		Yes	Date	dd-MM-yyyy			✎ ⚙
4	credit account	Variable		Yes	String				✎ ⚙
5	charge bearer	Fixed	CRED DEBT	Yes	String				✎ ⚙
6	Reference	Variable		Yes	String				✎ ⚙

Audit

Cancel | Save

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View Format Definition and Mapping

Errors and Overrides

Back | 1 | 2 | 3 | Next

Select Template | File Definition | Mapping

Incoming Format

Payments Format

Header Fields

Record Fields

Header Data

Mapped Fields

Audit

Cancel | Save

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

User Guide
G28174-03
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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.
Note Multiple values can be provided separated by comma without space.	
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

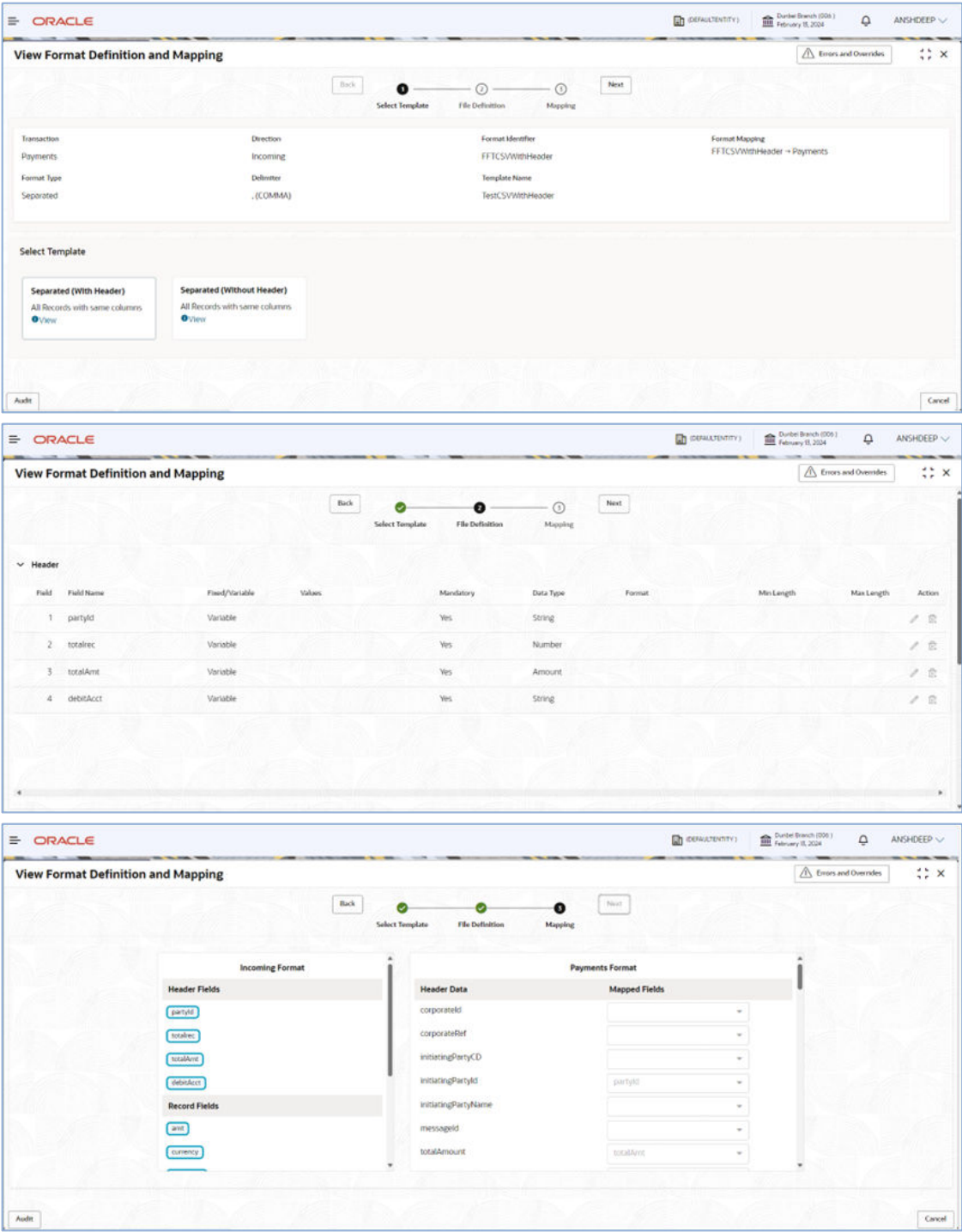
Field Name	Description
Min Length	Enabled for Separate format type. Provide the minimum length of the field if validation is required.
<div>  Note Do not provide any value if validation is not required. </div>	
Max Length	Enabled for Separate format type. Provide the maximum length of the field if validation is required.
<div>  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:

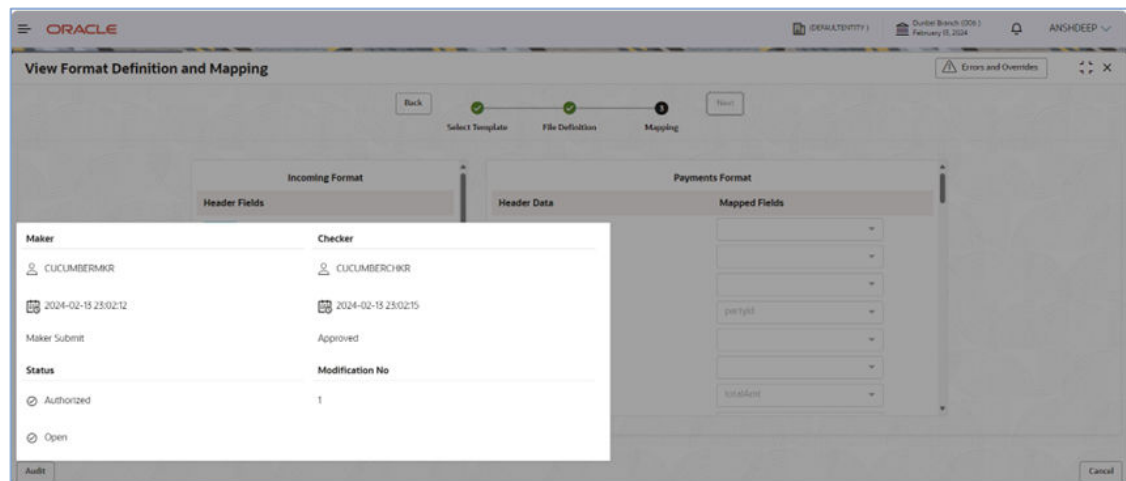
By using this screen, user can View, Modify, Delete or Authorize the Format Maintenance.

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:

1. Unlock

To modify the record details. Refer to the **Create Format Maintenance** section for field level details.

2. Authorize

To authorize the record. Authorizing requires necessary access rights.

- 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. Delete

To delete the data permanently, which is not yet authorize.

4. View

To view the **Format Maintenance** details.

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

Data Transformation:

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

The screenshot displays the Oracle Data Transformation and Mapping interface. The top window, titled "View Format Definition and Mapping", shows a list of fields on the left: currency, valueDate, creditAcc, debitNote, creditNote, chargeBearer, refnos, email, and network. The "chargeBearer" field is selected, and its mapping is shown on the right. The mapping includes fields like chargesAccount, contractId, country, countryOfRes, crAccCcy, crAccName, crAccTypeCd, and crAddressType. The bottom window, titled "Enrichments (chargeBearer)", shows a transformation rule. The rule maps "CRED" to "CREDIT" and "DEBT" to "DEBIT". An "Else Condition" is set to "Map a value" with a value of "OTHERS".

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.
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.

- [Corporate Preferences](#)

6.4.1 Corporate Preferences

Navigation Path:

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

Figure 6-2 Create Corporate Preferences

The screenshot displays the 'Create Corporate Preferences' page in the Oracle application. At the top, there is a navigation bar with the Oracle logo and user information. Below this, a progress bar shows three steps: 'Select Corporate' (current), 'Corporate Setup', and 'Transaction Preferences'. The main content area features a search bar labeled 'Search for a Corporate' with a 'Search' button. Below the search bar, a table titled 'Tap and Select a corporate' lists several corporates with their names and IDs. The table has two columns: 'Corporate Name' and 'Corporate ID'. The listed corporates are Oracle Corporate (000210), Google Corporate (003827), TCS Corporate (003828), HP INDUSTRIES (000211), and ACME (002516). At the bottom of the table, there is a pagination control showing 'Page 1 of 5 (1 - 5 of 21 items)' and navigation buttons. A 'Cancel' button is located at the bottom right of the table area.

Corporate Name	Corporate ID
Oracle Corporate	000210
Google Corporate	003827
TCS Corporate	003828
HP INDUSTRIES	000211
ACME	002516

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Create Corporate Preferences

[Back](#) [Next](#)

Corporate Details

Corporate Name: GREEN PAK GLOBAL ENTERPRISE CO LTD
Corporate ID: 207711
Alias: GREENPAK

Incoming Channel

Channel Type: [Global](#) [Restricted](#)
Channel: [AutoCorpincoming x](#)

Verification Preferences

Days for De-Dupe Check: 3

Behavior on Record Level Verification: [Process the File](#) [Reject the File](#) [Custom](#)
Threshold Percent for Processing (%): 54

Encryption Required: ☒
Encryption Algorithm: AES 128
Encryption Key: 1234567890123456
Initialization Vector (IV): 1234567890123456

Checksum Required: ☒
Checksum Algorithm: SHA-256
Checksum File Extension: .chk

Exception Management Required: ☒
Test Service: ☒
Base Currency: EUR

Transaction Details

Transaction Category: [Payment x](#) [Virtual Account x](#)
Transaction Name: [Payments x](#) [Auto Funds x](#)

[Cancel](#) [Save](#)

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Create Corporate Preferences

Back | Select Corporate | Corporate Setup | Transaction Preferences | Next

Payment | Payments | Auto Funds

Formats and Events

InternationalTSDSC-CSVChannel | FTTCVWithHeader-AutoCorpIncoming | FTTCVWithHeader-AutoCorpIncom...

+ New Format

Corporate File Approval

Channel Approval Required ☐

Channel User ID: GREENPACKEDUSER
* A user with GREENPACKEDUSER is created in the channel application if channel approval is required.

☒ Currency Rule

Multi-currency | Selected Currency | Other than base currency

☒ Limit Rule

Amount More Than: €100.00 | And | Or | Number Of Records More Than: 200

Banker Approval Required ☐ Rule Name: Required

Approval Level: File | Record

Banker File Approval

Banker Approval Required ☐ Rule Name:

Channel Approval Required ☐

Limits

Limit Check Required ☐

Amount Limits

Base Currency: EUR

File Limit: €100.00 | Record Limit: €10,000.00 | Maximum Amount Per Day: €10,000.00

Count Limits

Maximum Records Per File: 100,000 | Maximum Records Per Day: 10,000 | Maximum Files Per Day: 1,000

Cancel | Save

Figure 6-3 Formats and Alerts Screen

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Corporate Preferences Maintenance

Transaction File: Payments | Format: AutoCorpIncoming | Format: FAN00100

Format ID: FAN00100

Exception Required ☐

Exception preference is supported in some of the format preferences in our applications.

Outgoing Transaction Preferences

Processing Stage	Format	Response	File Name Template	Delivery Mode	Email	Action
Pre-Planning	PMR-002010	Required in all cases	EDKQ&S Template	Channel	Not Required	
Planning event file Validation	PMR-002010	Required in all cases	EDKQ&S Template	Channel	Not Required	
Response File	PMR-002010	Required in all cases	EDKCorpOutgoing	Channel	Not Required	
Record Validation	PMR-002010	Required in all cases	EDKCorpOutgoing	Channel	Not Required	
Send To Mail	PMR-002010	Required in all cases	EDKCorpOutgoing	Channel	Not Required	

Save Preferences

Transaction Alias

Payments

Channel

AutoCorpIncoming

Format

PAIN001V6

Format Alias

PAIN001V6

Encryption Required

☐

Encryption preference at corporate level is turned off. Format level preference is not applicable.

Test Service

☐

Outgoing Response Preferences

Processing Stage

Record Validation

Response Required

☒

Records In Response

All

Accepted

Rejected

Format

PAIN002V6

Format Alias

PAIN002V6

File Name Template

EDXCorpOutgoing

Response Delivery Mode

Channel

Channel

AutoCorpOutgoing

Send Response to (Email Address)

Email Notification Required

☐

Cancel

Save

Save Preferences

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

Note

Fields marked with '*' are mandatory.

Table 6-1 Field Description

Field Name	Description
Corporate Details	
Corporate ID *	Search Corporate ID, for whom corporate preference is need to be created.
Corporate Name *	Displays Corporate Name, for whom corporate preference is, needs to be created.
Alias Name *	Enter Alias name of the Corporate. It should be unique
Incoming Channel Details	
Channel Type *	Select if the Channel is Global or Non -Global. Global channels can be mapped to multiple corporates and non global channels are specific to a Corporate

Table 6-1 (Cont.) Field Description

Field Name	Description
Channel *	<p>Select Channel Name to associate channels. Multiple channels can be associated to a corporate</p> <div> <p>Note</p> <ul style="list-style-type: none"> In the case of a Non Global channel, if it is once mapped to a Corporate then it should not be available for mapping with another corporate If the channel type is selected as Global, then application will list down only global channels in this list and vice versa. </div>
Verification Preferences	
Days for De-Dupe Check *	Set up the number of days within which the system should perform the duplicate check with the previously received files. For e.g., if 180 days are maintained in this field then system will run the de-dupe rules with the files received in last 180 days.
Behavior on Record Level Verification	<p>Select the behaviour of the file when there is any record in the file that is rejected.</p> <ul style="list-style-type: none"> a. Process the File – It will process the file for the success records. b. Reject the File – It will reject the whole file when there is any one record rejected in the file. c. Custom – Based on the Threshold percent given in the next field, file will be processed.
Threshold Percent for Processing (%)	Enabled when Custom is selected in the above field. Setup the threshold percent based on which file will be processed. Enter number between 1 to 99
Encryption Required	Select if encryption is required for the file.
Encryption Algorithm	<p>Select the encryption algorithm based on which encryption will be done.</p> <p>Allowed Values:</p> <ul style="list-style-type: none"> a. AES 126 b. AES 256
Encryption Key	Provide the encryption key based on which encryption will be done.
Initialization Key (IV)	Provide the IV key based on which encryption will be done.
Checksum Required	Select if checksum validation is required for the file.
Checksum Algorithm	Provide the checksum algo based on which checksum will be derived and verified with the value given in the checksum file.
Checksum File Extension	Static field displaying the extension of the checksum file.
Exception Management Required	Select whether Exception management is required for the error files.
Test Service	Select whether Test Service is required for the corporate to test the files.
Base Currency	Select the Base Currency to define on which will be used for limit validations and Channel approval criteria
Transaction Details	

Table 6-1 (Cont.) Field Description

Field Name	Description
Transaction Category*	Select Transaction Category(s) for which the corporate wishes to send files.
Transaction Name *	<p>Select Transaction name (s) from available List.</p> <div> <p>Note</p> <p>The transaction name list will populate depending on the Transaction Category selected in the previous selection. Multiple Transactions Names will be segregated and arranged with respect to Transaction Category</p> </div>
Formats and Events	
New Format*	Setup the format for each transaction type in which the corporate will send the file. Click on this button to add new Incoming Format for Transaction Name selected from the available list at the Left side
Transaction Alias*	User can provide the transaction alias which will come in the incoming file name and through which Transaction Name will be identified
Channel *	Select the channel name for outgoing response file.
Format *	Select Format to Map with Customer Response File
Format Alias*	User can provide the format alias which will come in the incoming file name and through which Format will be identified
Encryption Required	<p>Select if Encryption is required for the format. If selected as No encryption will not be applicable for this format.</p> <div> <p>Note</p> <p>In case Encryption preference at corporate level is turned off, then Format level preference is not applicable.</p> </div>
Test Service	<p>Select whether Test Service is required for the format to test the files.</p> <div> <p>Note</p> <p>Test service selected at Corporate level supersedes Test Service selected at format level.</p> </div>

Table 6-1 (Cont.) Field Description


Field Name	Description
Outgoing Response Preferences <div>  Note a. Mandatory Processing Stages will be listed first and those cannot be deleted by the user. User can add new processing stages and can modify all the processing stages. </div>	
Processing Stage*	Select the processing stage from the list for which response preferences are required to be configured. <ul style="list-style-type: none"> a. Pre-Parsing b. Parsing & File Validation c. Host Response d. Record Validation e. Sent to host
Response Required*	Select whether acknowledgement/response is required or not for the selected processing stage
Records In Response	Select what type of records are required in the response file. <ul style="list-style-type: none"> a. Accepted – only accepted records will be sent in the response file b. Rejected – only rejected records will be sent in the response file c. All – All types of records will be sent in the response file
Format *	Select the Format in which Customer Response File will be generated
Format Alias *	Provide the format Alias which will be mapped to the Response File name
File Name Template *	Select outgoing file name template to map with Customer Response File
Response Delivery Mode *	Select the response mode where the Response File will be generated from the available list – <ul style="list-style-type: none"> a. Channel b. Email c. Both

Table 6-1 (Cont.) Field Description

Field Name	Description
Channel*	Required if Channel/Both is selected in the Response mode. Provide the channel where the response file will be generated.
Send Response To (Email Address) *	Required if Email/Both is selected in the Response mode. User can provide multiple email addresses separated by comma, where the response file will be sent.
Email Notification Required*	Select Yes/No as per the requirement a. Yes – If Email notification required b. No – If Email notification is not required
Email on Event*	Select the event when the notification will be triggered a. Rejected – Notification will be triggered whenever the file/ transactions are rejected b. Always – Notification will be triggered in both the case of accept or reject
Send Notification To (Email Address) *	User can provide multiple email addresses separated by comma, where the notification will be sent.
<u>Approval (Corporate Uploaded File) & Approval (Banker Uploaded File) -</u> Specify the conditions to send file for channel or banker approval before processing.	
Channel Approval Required	Toggle if channel approval is required
Channel User ID *	This is the corporate user id for Channel Approval for internet banking (Oracle Banking Digital Experience– corporate user ID). <div> Note <ul style="list-style-type: none"> It is a system generated user ID for Oracle Banking Digital Experience maker user for approval of file It is a created in the system only when the channel approval is required It is available only in view mode and cannot be entered or modified by the user. </div>
Currency Rule	Toggle if currency rule is required
Select Currency Rule Condition	Multi-currency Selected Currency Other than base Currency
Choose Currency	Select the desired currency from the dropdown
Limit Rule	Toggle if limit rule is required
Amount More Than	Enter the Threshold Amount for the Corporate to check before applying approval rule. If the File amount is greater than the defined amount here, it will be sent for approval

Table 6-1 (Cont.) Field Description

Field Name	Description
And Or	<p>Select either And or Or</p> <p>If And is selected, then it will be sent for approval only if both conditions are met.</p> <p>If Or is selected, then it will be sent for approval if either of the condition is met.</p>
Number Of Records More Than	<p>Enter the number of records, above which the file needs to be sent for approval</p> <div> <p>Note</p> <p>If both file amount and records criteria is maintained system will look for both conditions to be met before sending a file for approval.</p> </div>
Banker Approval Required	Toggle if Banker approval is required
Rule Name	<p>Select the rule using the search option.</p> <p>Available rules in the Plato will be displayed in the search screen.</p>
Approval Level	Select the approval level – File or Record
	<div> <p>Note</p> <p>– Banker Approval Required and Channel Approval Required sequence will change based on the tab selection.</p> <p>If Approval (Corporate Uploaded Files) is selected, Channel Approval Required will be first and Banker Approval Required will be second.</p> <p>If Approval (Banker Uploaded Files) is selected, Banker Approval Required will be first and Channel Approval Required will be second.</p> </div>

Table 6-1 (Cont.) Field Description

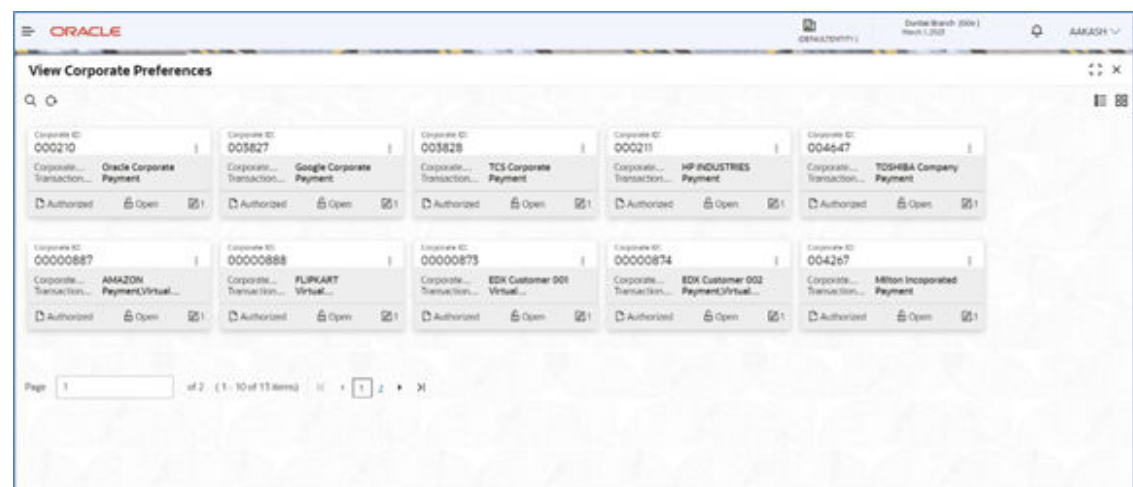
Field Name	Description
Limits – Specify the Limit conditions check to performed on File, before processing further in application	
Limit Check Required	Select the Check box if Limit check is required for Corporate
Base Currency*	Base currency selected above will be displayed here.
Amount Limit	
File Limit	Define maximum File limit allowed for corporate in case of financial transactions to validate the File limits before processing the file
Record Limit	Define record level limits, for financial transactions, with the Maximum amount, so that system can validate the Record limits before processing the records in the file
Maximum Amount Per Day	Define the maximum amount of transaction allowed per day for an individual corporate; hence, the system will restrict the file crossing the predefined maximum amount range.
Count limits	
Maximum Records Per File	Define the maximum number of records allowed in an individual file for the corporate, including Financial and Non-Financial Transactions
Maximum Records Per Day	Define the maximum number of records allowed in a single day for the corporate for Financial and Non-Financial Transactions
Maximum Files Per Day	Define a maximum number of files that can be processed for the individual corporate in a single day with Financial and Non- Financial Transactions.

View Corporate Preferences:

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

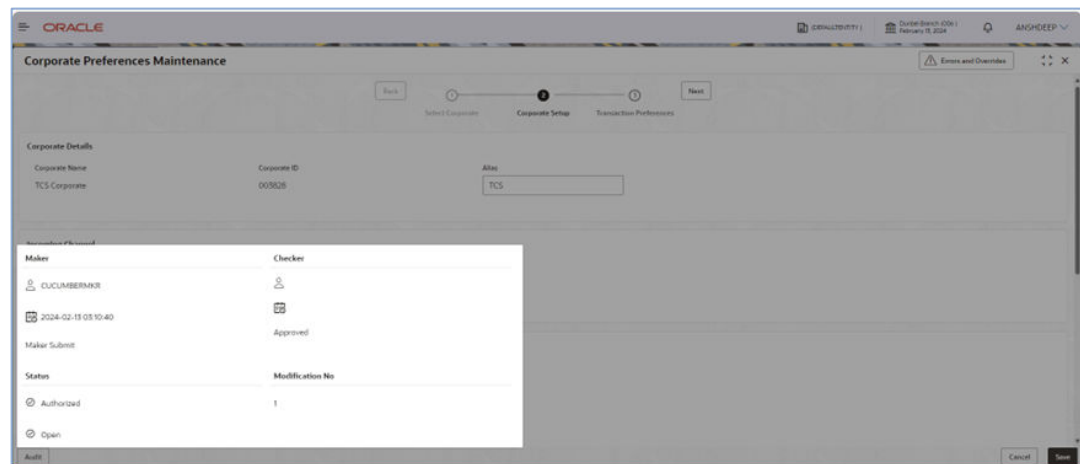
From the **Electronic Data Exchange**, select **Maintenance**, click **Corporate Preferences**, and then click **View Corporate Preferences**

Figure 6-4 View Corporate Preferences



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

Figure 6-5 Event of operation performed



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

1. Unlock	To modify the record details. Refer to the Create Corporate Preferences section for field level details.
2. Authorize	<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.
3. Delete	To delete the data permanently, which is not yet authorize.
4. Close	<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 Corporate Preferences details.

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

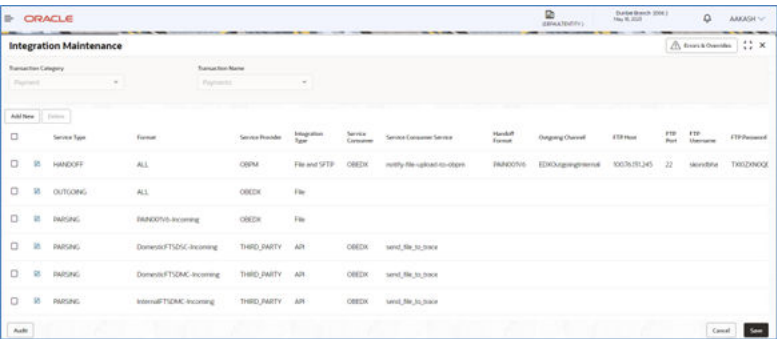
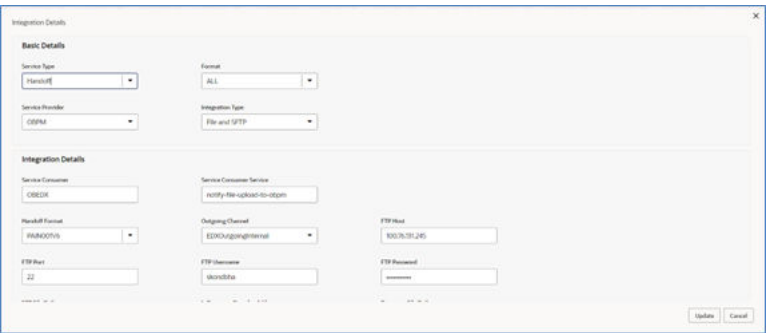


Figure 7-2 Add /Edit Screen



Integration Details

Basic Details

Service Type

Planning

Account

Intermittent/AC Incoming

Copy Integration Details

Select

Service Provider

Third Party

Integration Type

API

Integration Details

Service Consumer

OREGON

Service Consumer Service

OREGON

Permissions

payment-to-adv-payment (20-para)

Party Count

2

Check Size

2

ADD

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. When Service Type = Statement, all formats configured for Statement is displayed.

Table 7-1 (Cont.) Field Description

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

Table 7-1 (Cont.) Field Description

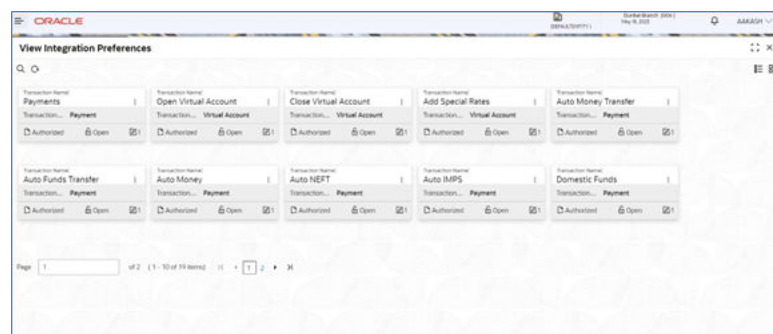
Field Name	Description
FTP User Name	Provide the FTP Username in case of SFTP based integration.
FTP Password	Provide the FTP password in case of SFTP based integration.
FTP File Path	Provide the FTP File Path in case of SFTP based integration.
Is Response Downloadable	Select whether response is downloadable 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:

1. Unlock	To modify the record details. Refer to the Create Integration Preferences section for field level details.
2. Authorize	<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.
3. Delete	To delete the data permanently, which is not yet authorize.
4. Close	<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 Integration Preferences details.

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. The 'Rules Criteria' section contains fields for 'Rule Name' (File Level Dedupe), 'Rule Description' (File Level Dedupe for Payments), 'Level' (File selected), and 'Rule Type' (Specific selected). Below this, the 'Transaction Category' is set to 'Payment', 'Transaction Type' is 'Financial', and 'Transaction Name' is 'Payments'. The 'De-Dupe Attributes' section includes '# By Attributes' (File Name) and 'Number of Days for De-Dupe Check' (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.

Note

- 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.

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.

Note

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

Multiple Transactions Names will be segregated and arranged with respect to Transaction Category

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

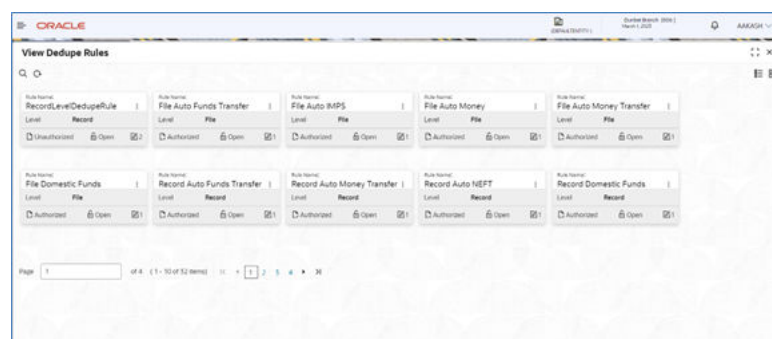


Figure 8-3 File Level – Specific

The screenshot shows the 'Dedupe Rules Maintenance' window in Oracle. The 'Rules Criteria' section includes fields for 'Rule Name' (FileDedupeRule), 'Rule Description' (FileDedupeRule), 'Level' (File selected), and 'Rule Type' (Specific selected). The 'Transaction Category' is set to 'Payment' and 'Transaction Type' is 'Financial'. The 'Transaction Name' is 'Payments'. The 'De-Dupe Attributes' section shows 'File Attributes' (Message ID) and 'Number of Days for De-Dupe Check' (18). Buttons for 'Audit', 'Cancel', and 'Save' are at the bottom.

Figure 8-4 File Level – Generic

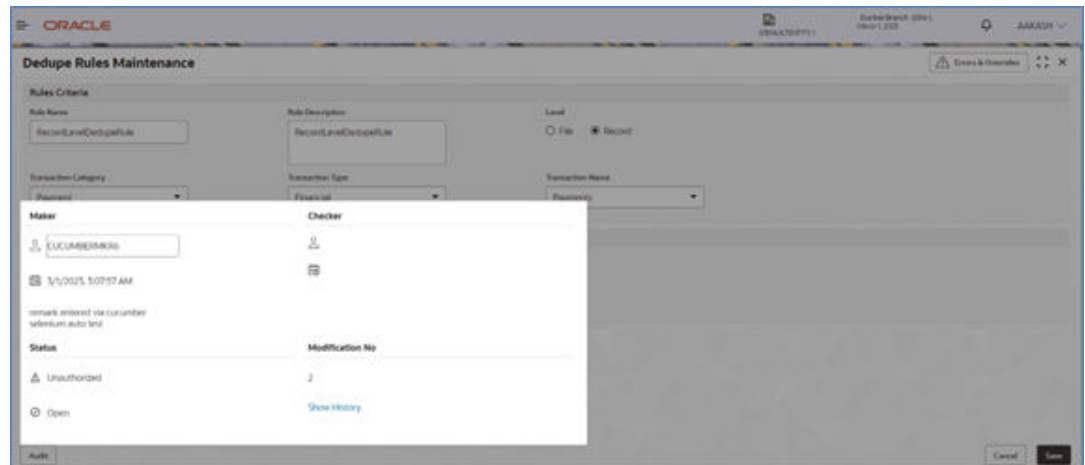
The screenshot shows the 'Dedupe Rules Maintenance' window in Oracle. The 'Rules Criteria' section includes fields for 'Rule Name' (File Auto Funds Transfer), 'Rule Description' (File Auto Funds Transfer), 'Level' (File selected), and 'Rule Type' (Generic selected). The 'Transaction Category' is set to 'Payment' and 'Transaction Type' is 'Financial'. The 'Transaction Name' is 'Payments'. The 'De-Dupe Attributes' section shows 'File Attributes' (File Name) and 'Number of Days for De-Dupe Check' (10). Buttons for 'Audit', 'Cancel', and 'Save' are at the bottom.

Figure 8-5 Record Level

The screenshot shows the 'Dedupe Rules Maintenance' window in Oracle. The 'Rules Criteria' section includes fields for 'Rule Name' (RecordLevelDedupeRule), 'Rule Description' (RecordLevelDedupeRule), 'Level' (Record selected), and 'Rule Type' (Generic selected). The 'Transaction Category' is set to 'Payment' and 'Transaction Type' is 'Financial'. The 'Transaction Name' is 'Payments'. The 'De-Dupe Attributes' section shows 'Record Attributes' (Transaction Reference Number) and 'Number of Days for De-Dupe Check' (30). Buttons for 'Audit', 'Cancel', and 'Save' are 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:

1. Unlock	To modify the record details. Refer to the Create De-dupe Rules section for field level details.
2. Authorize	<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.
3. Delete	To delete the data permanently, which is not yet authorize.
4. Close	<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 De-dupe Rules details.

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

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

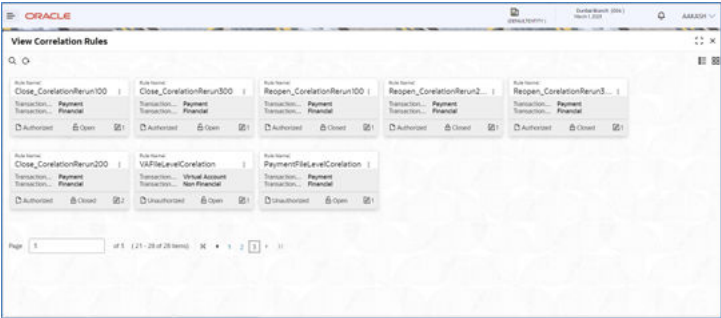


Figure 9-3 File Level

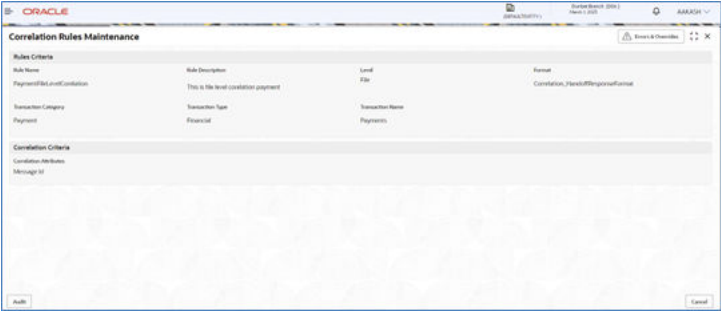
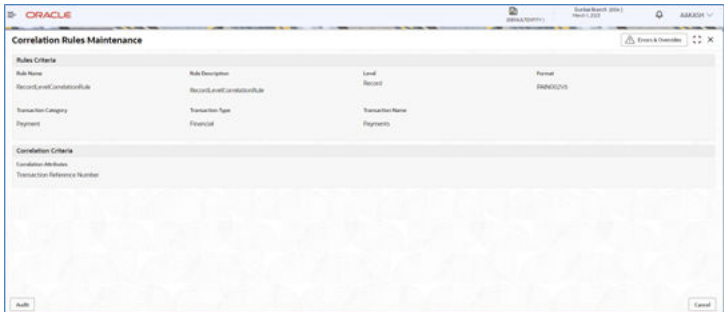
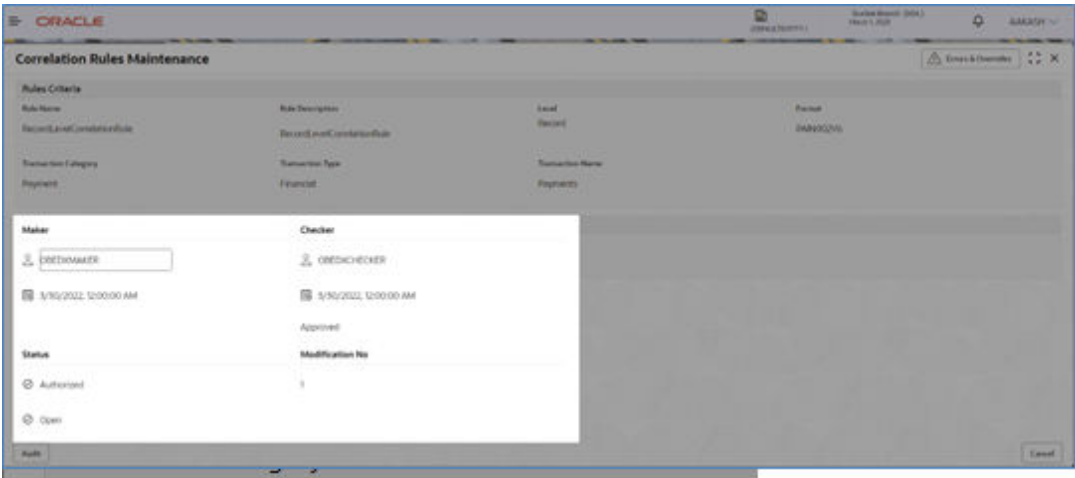


Figure 9-4 Record Level



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:

1. Unlock	To modify the record details. Refer to the Create Correlation Rules section for field level details.
2. Authorize	<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.
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 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_PANINDIA_Payments_2022080704	4 KB	30 May 2025, 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>  Note If a file is uploaded for a forgotten customer, it will get failed in file processing. </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>  Note <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	NUMBER	22,3	N
		This is applicable for "Bal Availability Options" as "Own Balance + Fixed Amount from Pool"			
		Y			
		N			
23	Overdraft Allowed	Flag to indicate whether virtual account can be overdrawn.	CHAR	1	N
	Valid values are:				
	Y	Valid values are:			
	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	CHAR	1	N
		Valid values are:			
		Y			
		N			
26	Debit Transactions Allowed	Flag to indicate whether debit transactions are allowed on the virtual account	CHAR	1	N
		Valid values are:			
		Y			
		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)

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 002316	ACME_CSV_Open Virtual Account_20211007000057	19010 16 Nov 2023, 12:06:01 PM	CSV	Non Financial Virtual Account - Open Virtual Account	0	Pending In Progress
HP INDUSTRIES HP 000211	HP\$\$\$\$\$\$PAIN00TV6\$\$\$\$\$\$Domestic Funds\$20211005000032.txt	19009 16 Nov 2023, 12:05:35 PM	PAIN00TV6	Financial Payment - Domestic Funds	3	Failed File Validation Failed
HP INDUSTRIES HP 000211	HP\$\$\$\$\$\$PAIN00TV6\$\$\$\$\$\$Domestic Funds\$20211005000032.txt	19008 16 Nov 2023, 12:04:35 PM	PAIN00TV6	Financial Payment - Domestic Funds	3	Success Handoff Generation Success
HP INDUSTRIES	HP\$\$\$\$\$\$PAIN00TV6\$\$\$\$\$\$Domestic	19007	PAIN00TV6	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**

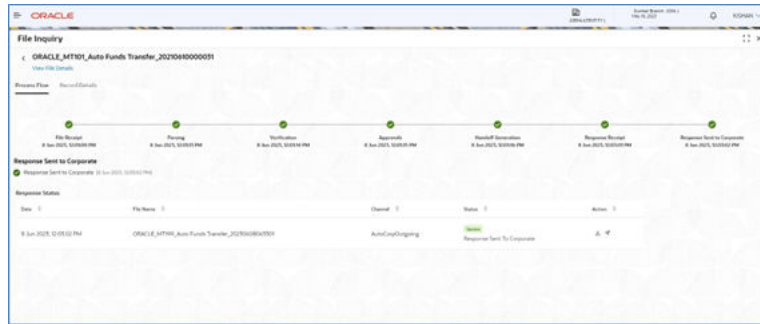
On clicking on the File Name from the summary page of file inquiry, following screen is displayed to the user. Screen displays the basic file details like name, status, reference id etc. along with the file journey

User can download the file inquiry report by clicking on the



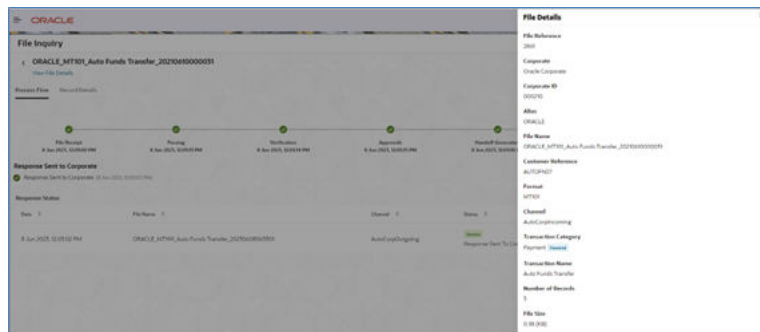
button.

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

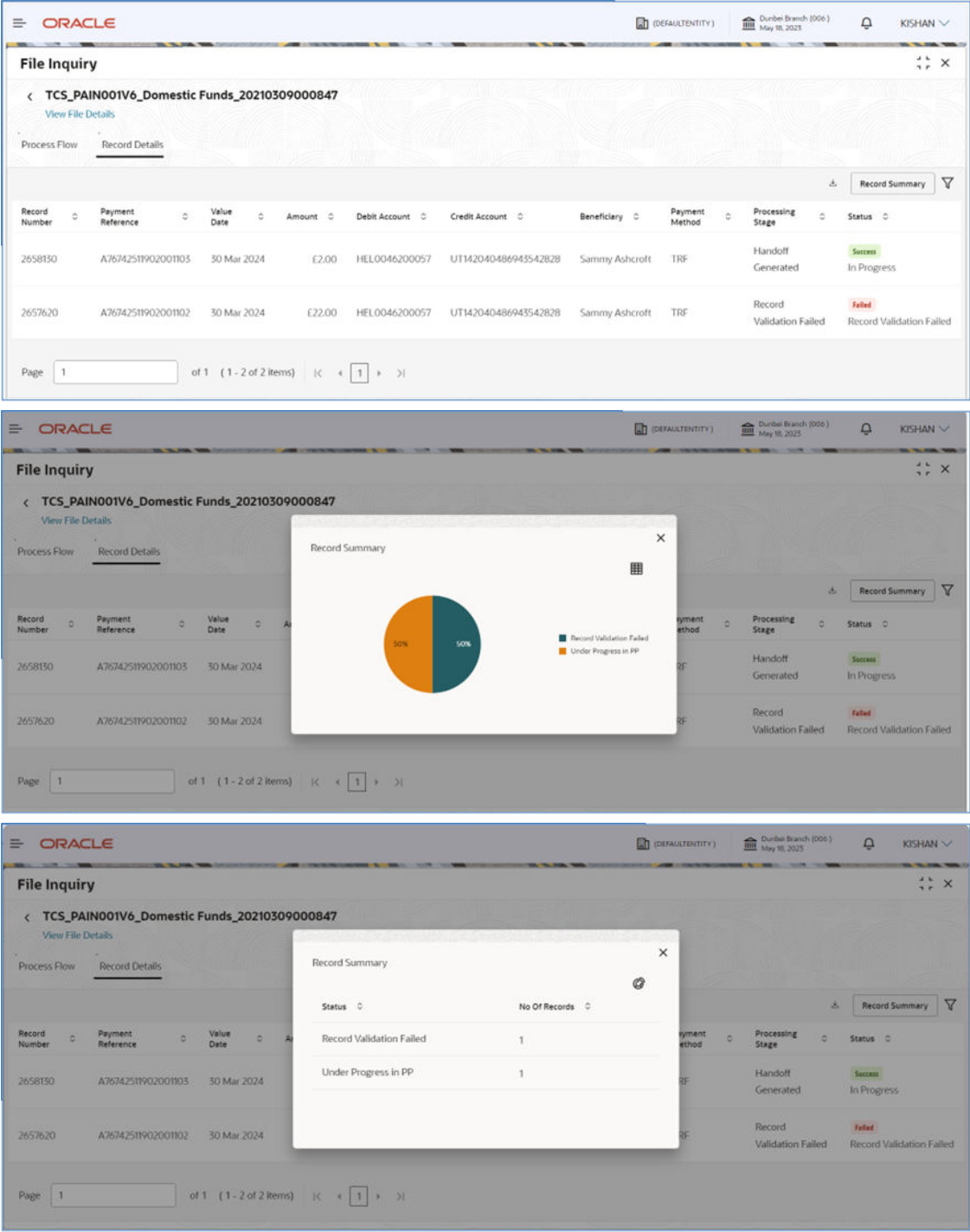
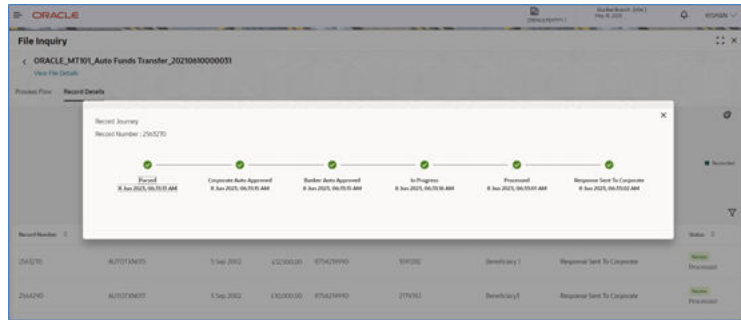


Figure 12-8 Record Journey



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
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](#)

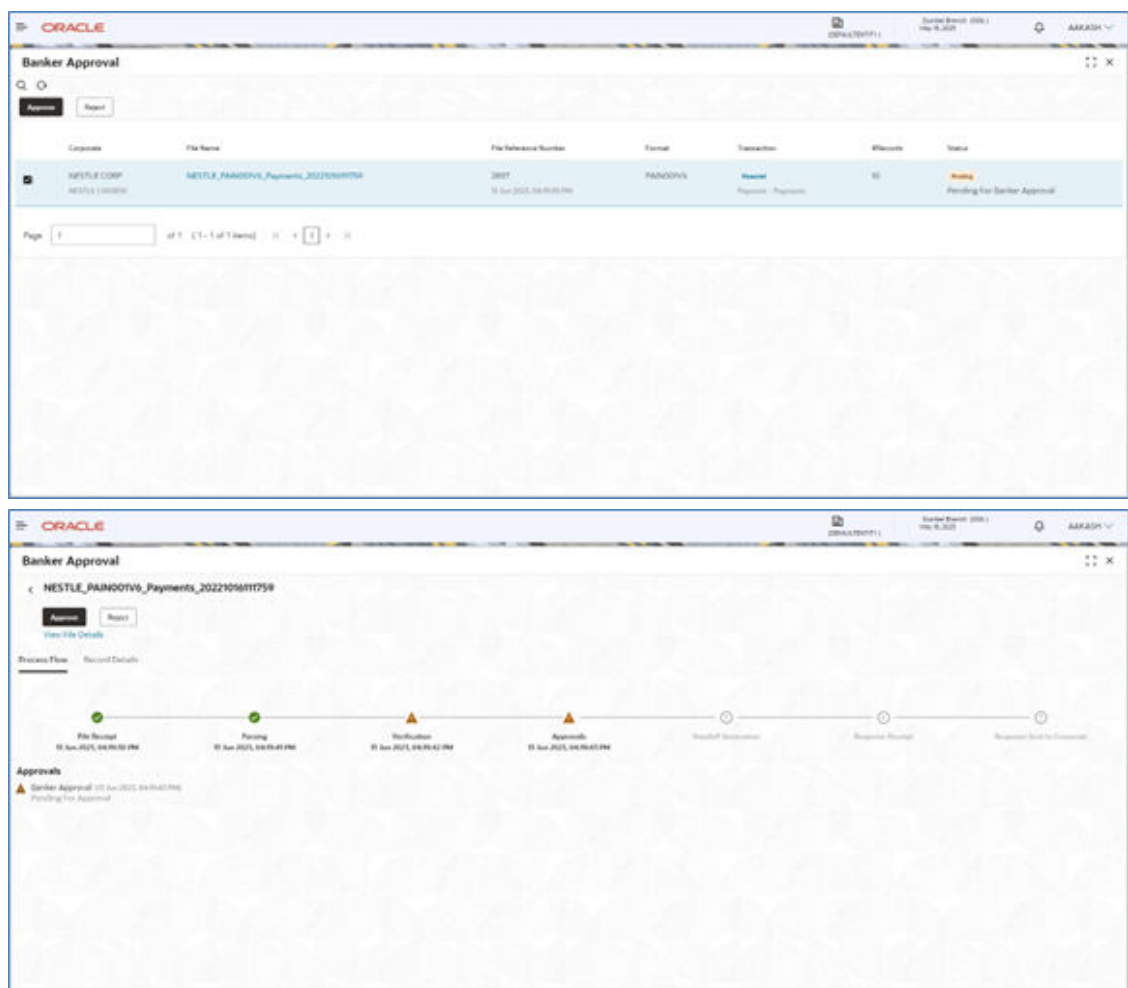
13.1 Banker Approval Screen

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

Oracle Banker Approval - Main Screen

Corporate	File Name	File Reference Number	Format	Transaction	#Records	Status
<input type="checkbox"/> NESTLE CORP NESTLE (300000)	NESTLE_PAN000V6_Payments_202206070759	2096 10 Jun 2022, 04:50:00 PM	PAN000V6	Debit Payment - Payments	10	Pending Pending For Banker Approval
<input type="checkbox"/> NESTLE CORP NESTLE (300000)	NESTLE_PAN000V6_Payments_202206070759	2097 10 Jun 2022, 04:50:00 PM	PAN000V6	Debit Payment - Payments	10	Pending Pending For Banker Approval

Page 1 of 1 (1 - 2 of 2 items)

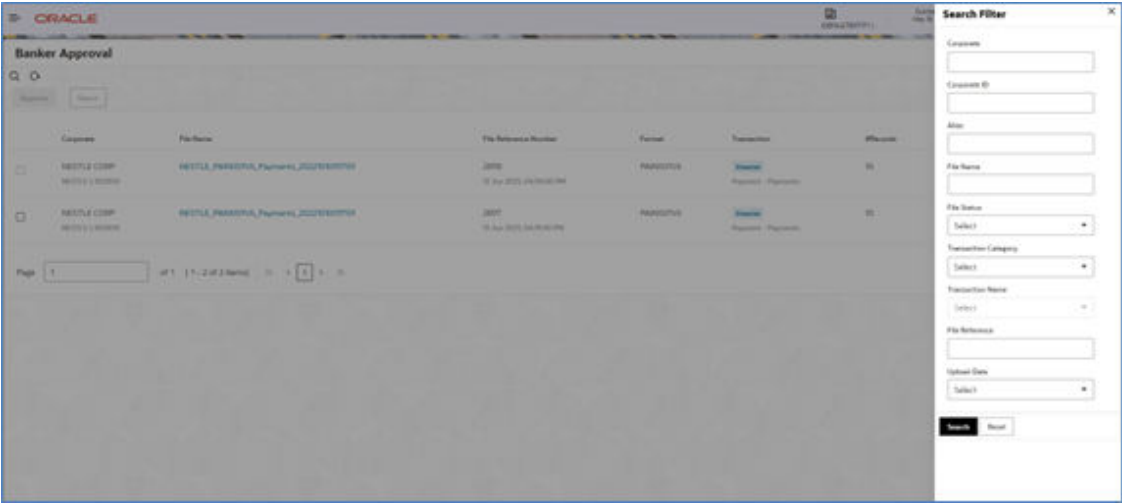
Oracle Banker Approval - Detailed View

Record Number	Payment Reference	Value Date	Amount	Debit Account	Credit Account	Security	Payment Method	Processing Stage	Status
<input type="checkbox"/> 2776008	000F2027C_06	22 Mar 2022	470.00	HEL5280000009	HEL5290000007	Debit Name	TIR	Pending For Banker Approval	Pending Pending For Banker Approval
<input type="checkbox"/> 2780008	000F2027C_04	22 Mar 2022	430.00	HEL5280000009	HEL5290000007	Debit Name	TIR	Pending For Banker Approval	Pending Pending For Banker Approval
<input type="checkbox"/> 2780008	000F2027C_08	22 Mar 2022	470.00	HEL5280000009	HEL5290000007	Debit Name	TIR	Pending For Banker Approval	Pending Pending For Banker Approval
<input type="checkbox"/> 2778000	000F2027C_04	22 Mar 2022	420.00	HEL5280000009	HEL5290000007	Debit Name	TIR	Pending For Banker Approval	Pending Pending For Banker Approval
<input type="checkbox"/> 2780008	000F2027C_08	22 Mar 2022	470.00	HEL5280000009	HEL5290000007	Debit Name	TIR	Pending For Banker Approval	Pending Pending For Banker Approval
<input type="checkbox"/> 2776008	000F2027C_06	22 Mar 2022	470.00	HEL5280000009	HEL5290000007	Debit Name	TIR	Pending For Banker Approval	Pending Pending For Banker Approval
<input type="checkbox"/> 2780008	000F2027C_07	22 Mar 2022	420.00	HEL5280000009	HEL5290000007	Debit Name	TIR	Pending For Banker Approval	Pending Pending For Banker 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

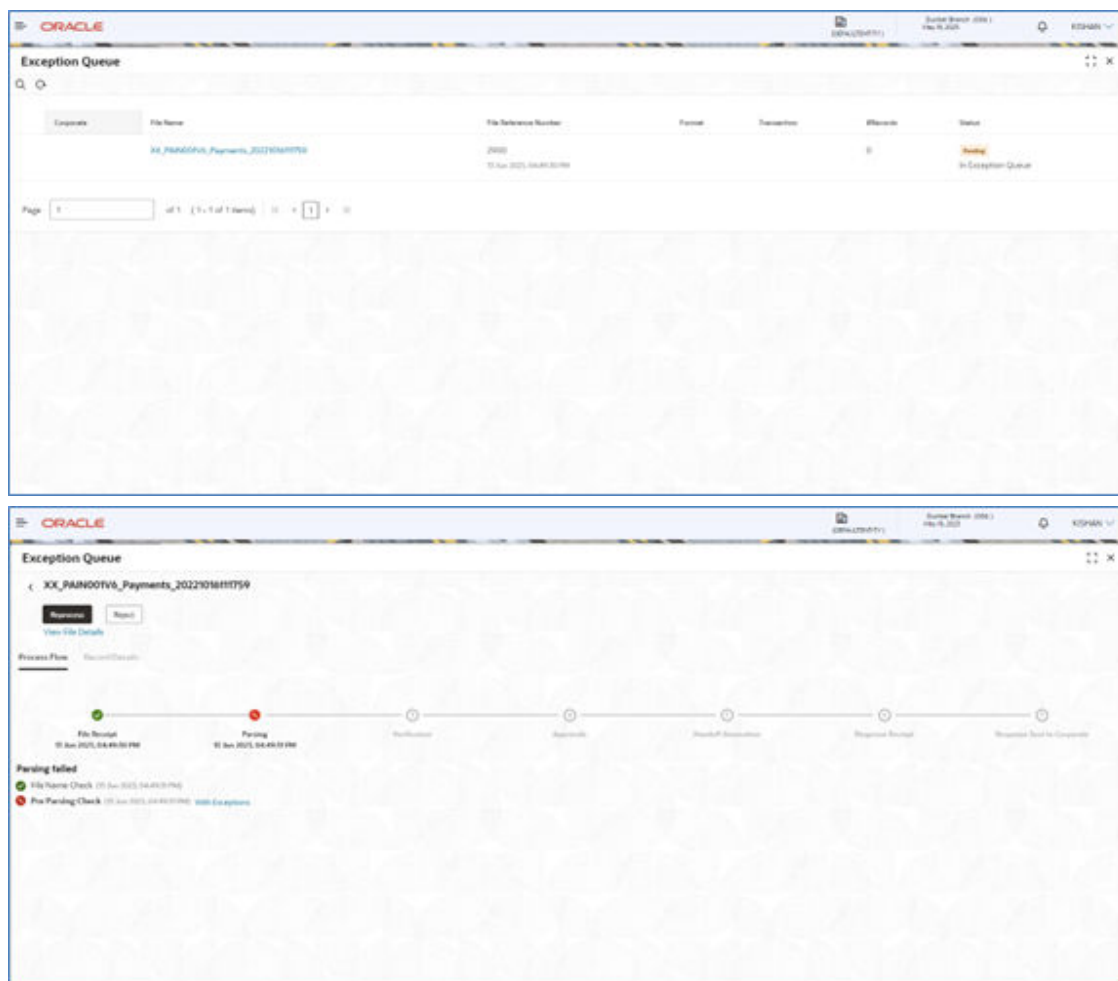
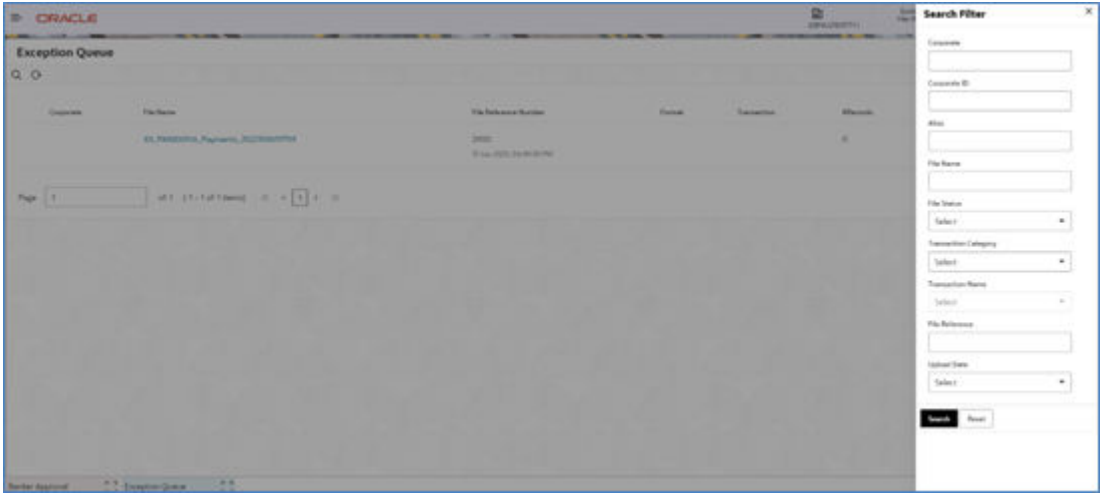


Figure 14-2 Search Filters



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.

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