User Guide Oracle Banking Electronic Data Exchange for Corporates Release 14.5.3.0.0

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User Guide

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1. Preface

1.1 Introduction

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.

1.2 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

1.3 **Document 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.

1.4 List of Chapters

This manual is organized into the following chapters:

Chapter	Description
Chapter 1	About this Manual gives information on the intended audience. It also Lists the various chapters covered in this User Manual.
Chapter 2	Oracle Banking Electronic Data Exchange for Corporates Overview— This chapter provides a brief introduction of the product,
Chapter 3	Configuration and Data setup for the system.
Chapter 4	Corporate Preference
Chapter 5	Dedupe Rule Maintenance
Chapter 6	Correlation Rule Maintenance



Chapter 7	File upload
Chapter 8	Multi Level ACK / NACK
Chapter 9	File Inquiry
Chapter 10	Reference and Feedback

1.5 **Glossary of Icons**

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

Icon	Function
+	Add New Row
×	Close
a life	Collapse
x ^N	Expand
	Options
O	Refresh
Q	Search
(III	Delete a row or Record
la	Bar View
0	Donut View
	Graph View
	Table View



	List View
⊗	Authorize
δ	Unlock
R	View



2. Oracle Banking Electronic Data Exchange for Corporates - Overview

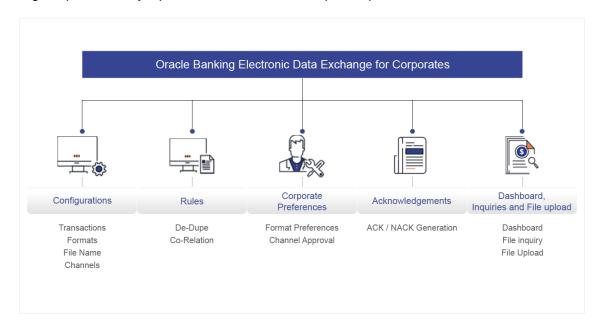
2.1 Introduction

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

Apart from traditional data orchestration capabilities, Oracle Banking Electronic Data Exchange for Corporates 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 developed as part of our 14.5.3.0.0 release:



Let us understand the Oracle Banking Electronic Data Exchange for Corporates and its features.

This chapter contains the following sections:

- Dashboard
- Configuration
 - Transaction Maintenance
 - > Format Maintenance



- > File Name Template Maintenance
- > Channel Maintenance
- Corporate Preference
- De-Dupe Rule Maintenance
- Co-Relation Rule Maintenance
- File Upload
- Multi Level ACK/NACK
- File Inquiry



2.2 Dashboard

Dashboard 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:

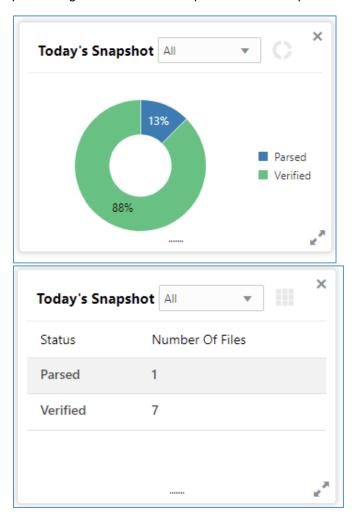
- 1. Today's Snapshot
- 2. Upload Summary
- 3. Top Corporates





2.2.1 Today's Snapshot

For the files received during the day, across various transaction categories, the widget displays the processing status wise break up in the form of a pie chart. A sample snapshot of a day:



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
- Click on Table view icon, to view the total number of the files received for a current day across status

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, clicking on a status on the pie chart will display
 the transaction category wise break-up in percentage terms for the selected status.
- To view the file count instead of percentage break-up, click on flip button at the top-right

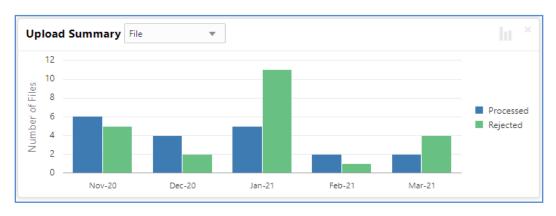


The columns in the widget are as below:

Column	Description
Status	Displays the logical statuses traversed by a file
Number of Files	Displays the count of files available under logical status

2.2.2 Upload 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. A sample of the upload summary:





The following details are displayed in the widget:

- Bar chart representing the count of files uploaded by corporate
- · Bar charts showing monthly count of processed and rejected files in the past six months

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

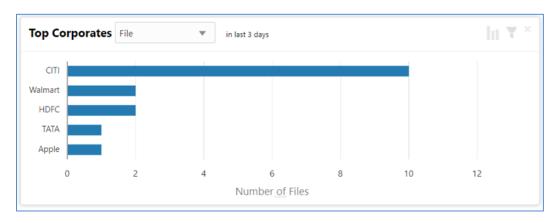


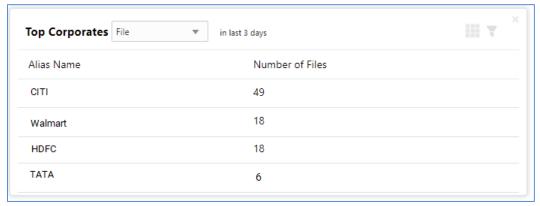
User can drill down his search to view the Total Record count that has been received by Oracle Banking Electronic Data Exchange for Corporates platform for processing within file, with status of either processed or rejected.

• 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 indicates the total number of files count across Y-axis and last 6 months details at X-axis. The graph represent total number files that have been received with respect to processed and rejected status.

2.2.3 Top 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 active corporates. Information is represented in the form of a horizontal bar graph. A sample of the upload summary:





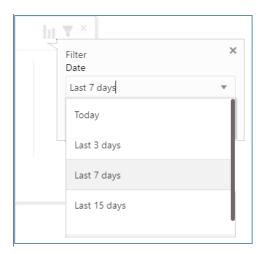
The following details are displayed in the widget:

- Vertical bar graph represents top corporates who sent maximum file for processing
- Last three days data will displayed for each corporate

The Bank user can perform following action on the Top 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 particular duration.
 Possible values include last 3 days, last 7 days, last 15 days and manual date range.





 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.

The columns in the widget are as below:

Column	Description
Corporate Name	Displays the alias name of the corporate
Number of Files	Displays the count of files received for last three days



3. Configuration

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
- File Name Maintenance
- Channel Maintenance
- Corporate Preference
- De-Dupe Rule Maintenance
- Co-Relation Rule 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.

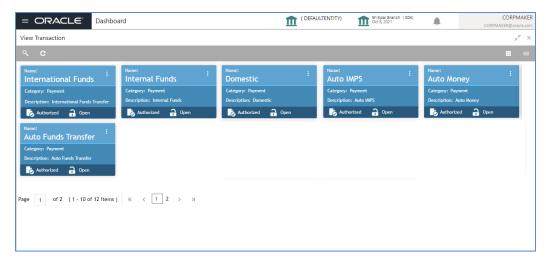
3.1.1 Transaction Maintenance

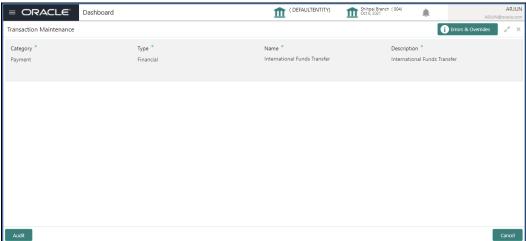
This screen allows the bank user to view the various transactions for which corporate can opt for sending data for processing. **View Transaction Maintenances**:

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

Navigation Path: Electronic Data Exchange > Maintenance > Transaction > View Transaction







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

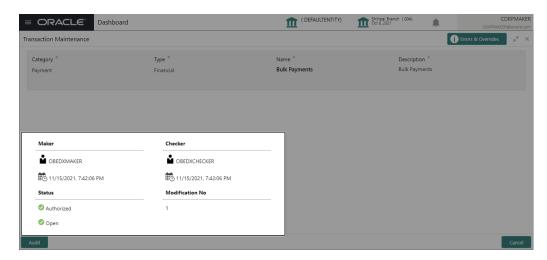
Note: Fields marked with '*' are mandatory.

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



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



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

- 1. **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.
- 2. **Delete** To delete the data permanently, which is not yet authorize.
- Close To close record temporary
 - Optional: On the confirmation pop-up window, enter the remark for closing.
 - Click Confirm to close the record.
- **4. Reopen** To reopen the maintenance record which is temporary Closed
- 5. View To view the Transaction Maintenance details.



3.1.2 Format Maintenance

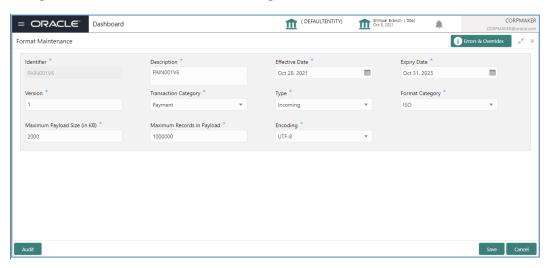
Oracle Banking Electronic Data Exchange for Corporates provides master maintenance for all the formats supported for different transaction types at the Bank level.

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: Electronic Data Exchange > Maintenance > Format > Create Format



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

Note: Fields marked with '*' are mandatory.

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
Expiry Date *	Enter the expiry date of format identifier, after which the selected format should be discontinued

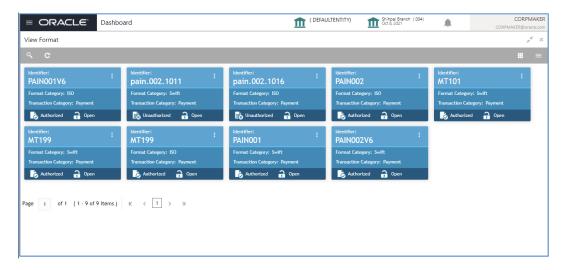


Version *	Enter version number for Format Identifier
Transaction Category *	Select the Transaction Category from available list for which format identifier in being created
Type *	Select the format type, from the list of all format type supported by Bank to create format maintenance
Format Category *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

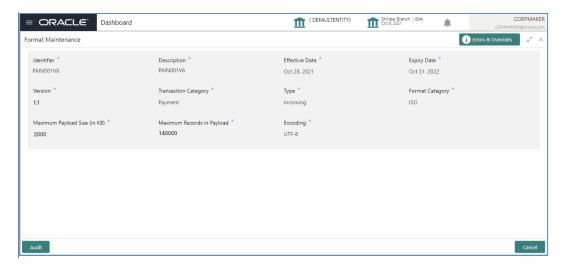
View Format Maintenances:

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

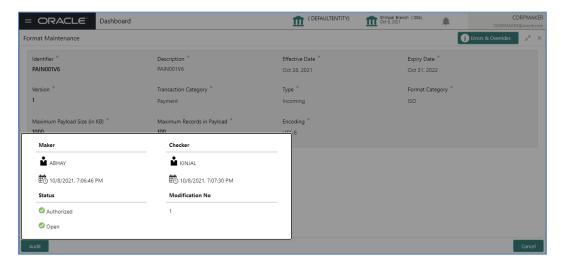
Navigation Path: Electronic Data Exchange > Maintenance > Format > View Format







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



Perform the following steps to take actions on the Format Details. Click the Options (i) 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.
- **3. Delete** To delete the data permanently, which is not yet authorize.



- **4. Close** To close record temporary
 - 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.

3.1.3 File Name Template Maintenance

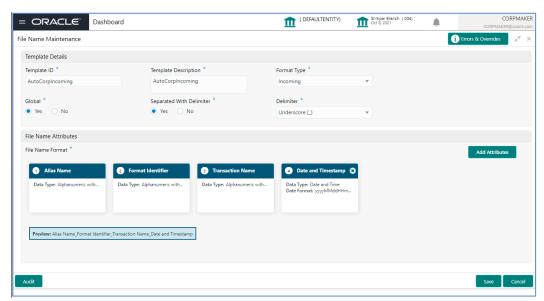
File name template is used to define a naming convention for various types of files -incoming, outgoing, ACK-NACK and handoff messages.

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: Electronic Data Exchange > Maintenance > File Name > Create File Name Template





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

Note: Fields marked with '*' are mandatory.

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		
	Incoming		
	Outgoing		
	Acknowledgement		
	Negative Acknowledgement		
	Handoff		
	Handoff Response		
Global *	Select if the Template is Global or Non –Global		
	Note: 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		
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		
	Note: Display If Separated with Delimiter is selected as "Yes"		
	File Name Attributes		



Field Name	Description
Add Attributes *	Click on this button to add List of attributes expected in File template from available list Note: 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
Attribute Name *	Name of the attributes for which data fields is being setup will be displayed here
Rename Fields *	Enter name of the attribute, which is expected in the file template and not available in the current attribute list.
	Note: > 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
Data Type *	Select the Data type for attribute, which is being added in file name template.
	Note: > 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.
Length *	Specify the length of each individual attribute
	Note:
	If the Data type is selected for any Renamed Free field attribute as "Constant ", then Length will disabled for the user to edit or enter
	Display only if Separated with Delimiter is selected as "No"
Padding Character *	Specify the padding character expected in corporate file

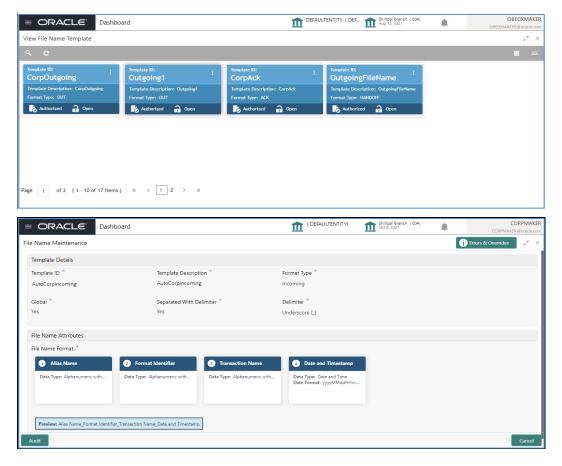


Field Name	Description
	Note: Display only if Separated with Delimiter is selected as "No"
Padding Position *	Select the position of pad character in corporate file Note: Display only if Separated with Delimiter is selected as "No"
Date and Time Format*	Select the date and time format expected in File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

View File Name Template:

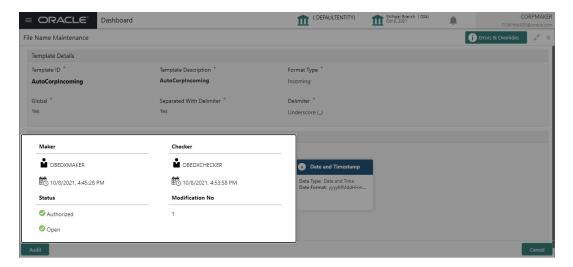
By using this screen, user can View, Modify, Delete or Authorize the File Name Template Maintenance.

Navigation Path: Electronic Data Exchange > Maintenance > File Name > View File Name Template





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



Perform the following steps to take actions on the File Name Template Details. Click the Options (
i) 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** 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.
- **3. Delete** To delete the data permanently, which is not yet authorize.
- **4. Close** To close record temporary
 - 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.



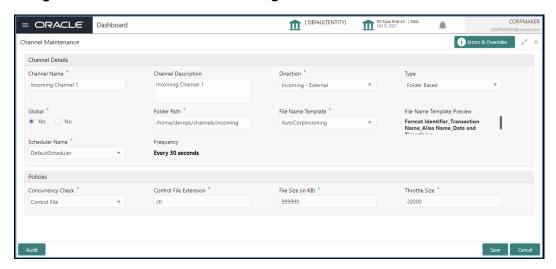
3.1.4 Channel Maintenance

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: Electronic Data Exchange > Maintenance > Channel > Create Channel



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

Note: Fields marked with "are mandatory.

Field Description:

Field Name	Description
Channel Details	
Channel Name *	Enter Channel Name to Create new channel
Channel Description *	Enter the description for the Channel



Field Name	Description
Direction *	Specify the direction of the channel maintenance, which is being setup.
	Note: Bank user can select any of the following
	 a. Incoming – External (Corporate → Bank) b. Outgoing – External (Bank → Corporate) c. Incoming – Internal (Bank's Product Processor → Oracle Banking Electronic Data Exchange for Corporate d. Outgoing – Internal (Bank → Bank's Sub System)
Type *	Specify the channel type - Folder or Message based
	Note: This field will be displayed only when Direction is selected as Incoming – External or Incoming – Internal
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
	Note: > 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
File Name Template	This field will display File Name Template preview
preview	Note : This field will populate File name template orientation, depending on the file name template selected in previous step.
Scheduler Name *	Select the scheduler name from available list to map with channel maintenance
	Note: This field will be displayed only when Direction is selected as Incoming – External or Incoming – Internal
Frequency	This field will display frequency of the Scheduler selected in previous step

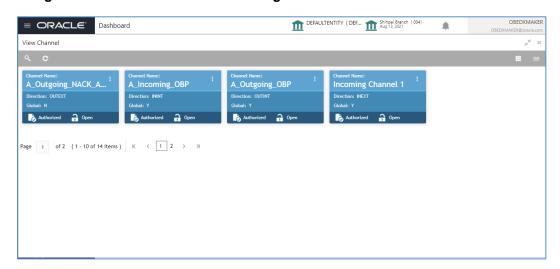


Field Name	Description	
	Note: This field will be displayed only when Direction is selected as Incoming – External or Incoming – Internal	
Policies (Setup for Direction Incoming – External or Incoming – Internal)		
Concurrency Check *	Select the Concurrency Check Method for channel maintenance	
Control File Extension*	Specify the file extension for Control file Concurrency Check	
ZXONOON	Note: This field will be displayed only if the user selects the control file in Concurrency Check field	
Allowed File Size (in KB) *	Specify maximum allowed size for Channel Maintenance in KB	
Throttle Size *	Enter the Throttle Size of scheduler	

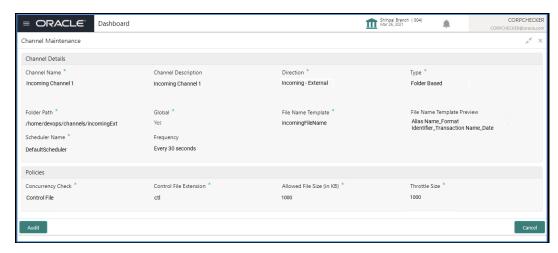
View Channel Maintenances:

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

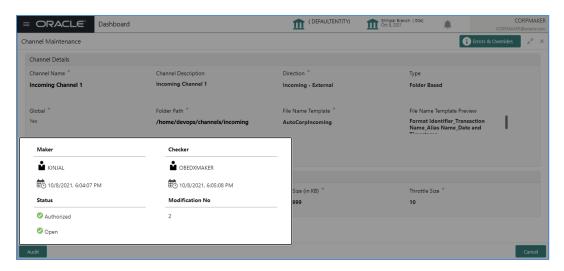
Navigation Path: Electronic Data Exchange > Maintenance > Channel > View Channel







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



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

- 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.
 - Optional: Click View to view the record details.
 - Select the record to authorize and then click Approve.
- **3. Delete** To delete the data permanently, which is not yet authorize.
- **4. Close** To close record temporary
 - 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 **Channel Maintenance** details.



4. Corporate Preference

4.1 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.

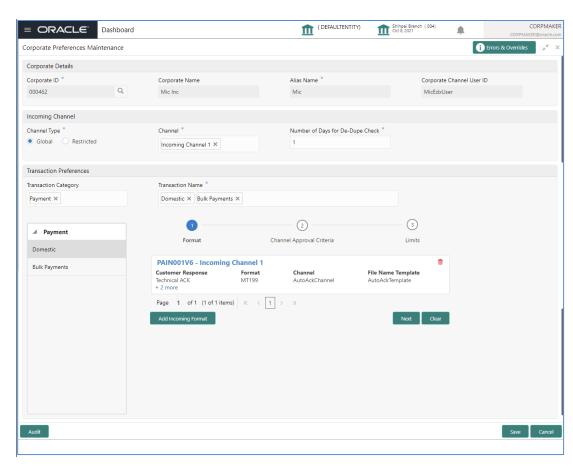
Depending upon the Limit Validation conditions maintain for the corporate, the file will be processed. If any of the predefined limit condition is failed then the application will stop file processing and will display the error reason for actual failure.

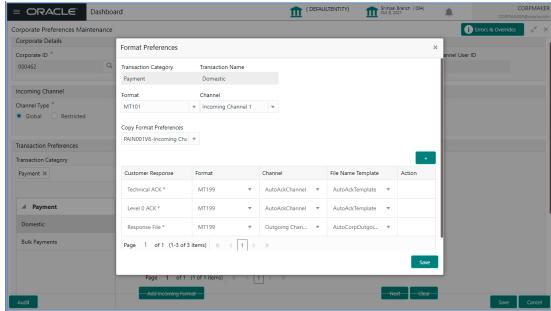
Create Corporate Preferences:

This screen is used to create Corporate Preferences.

Navigation Path: Electronic Data Exchange > Maintenance > Corporate Preferences > Create Corporate Preferences









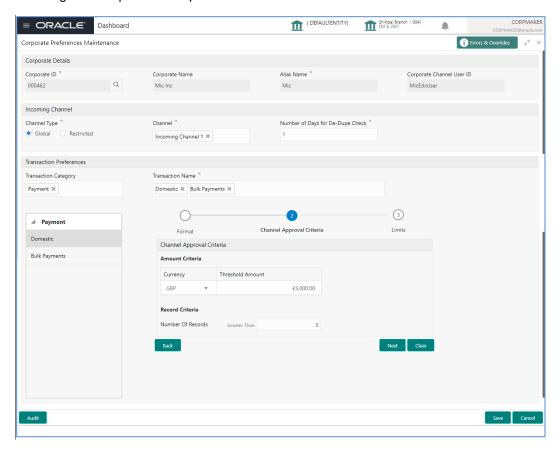
4.2 Channel Approval Rule

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 define number of records and minimum Amount limit with different currencies for financial and non-financial transactions of corporate as approval rule condition in the Corporate Preferences setup.

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.





4.3 Limits Validation

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

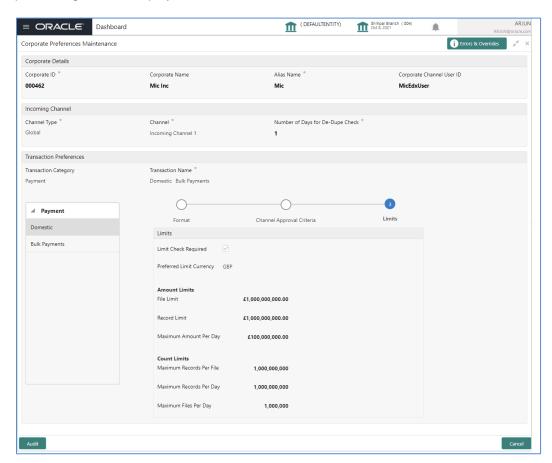
The bank user can enable or disable the limit validation check by selecting the check box at Limits step while setting up the corporate preference. This Limit Validations are defined for various dynamic conditions across Financial or Non -financial transactions for the corporate.

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 are applicable 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.





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

Note: Fields marked with '*' are mandatory.

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	
Corporate Channel User ID *	This is the corporate user id for Channel Approval for internet banking (Oracle Banking Digital Experience - corporate user ID).	
	Note : It is a system generated user ID for Oracle Banking Digital Experience maker user for approval of file	
	It is available only in view mode and cannot be entered or modified by the user.	
	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	
Channel *	Select Channel Name to associate channels. Multiple channels can be associated to a corporate	
	Note: > 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.	



Number of 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 dedupe rules with the files received in last 180 days.
<u>Transaction Preferences</u>	
Transaction Category*	Select Transaction Category(s) for which the corporate wishes to send files.
Transaction Name *	Select Transaction name (s) from 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
Add Incoming Format*	Setup the format for each transaction type in which the corporate will send the file. Click on this button to add Incoming Format for Transaction Name selected, from the available list at the Left side
Transaction Category*	Displays Transaction category for whom Format preference is being done
Transaction Name *	Display Transaction Name for whom Format preference is being done
Format *	Select Format to Map with Customer Response File
Channel *	Select the channel name for outgoing response file.
Copy Format Preferences	Select the Existing Format ID to copy for the current maintenance
Customer Response *	Select customer response file to map with Format ID to maintained Format Preference
	Note: Mandatory Reponses file will be listed first and those will be not editable to user. User can add and modify new response file after mandatory listing
Format *	Select Format to Map with Customer Response File



Channel *	Select outgoing channel to map with Customer Response File	
File Name Template *	Select outgoing file name template to map with Customer Response File	
(+) / (-)	Click on this (+) Or (-) button to add or delete the customer response file from the Table	
Copy Transaction Preferences from Previous Setup	Select and copy the transaction preference done in earlier step to map with new Transaction which is being setup	
Channel Approv	Channel Approval Criteria - Specify the conditions to send file for channel approval before processing.	
Currency	Select the Currency to define amount level, Channel approval criteria	
Threshold Amount	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	
Number Of Records	Enter the number of records , above which the file needs to be sent for approval	
	Note : If both file amount and records criteria is maintained system will look for both conditions to be met before sending a file for approval.	
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	
Preferred Limit Currency	Select preferred currency from dropdown to convert and execute limit validation as per selected currency in this dropdown	
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	

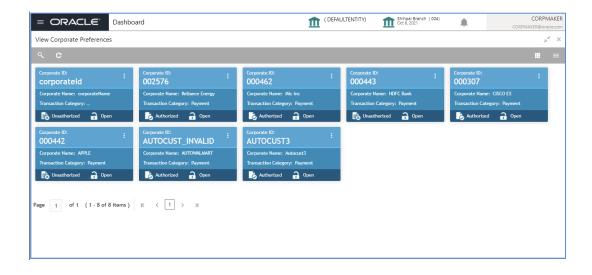


Record Limit	Define record level limits, for financial transactions, with the Maximum amount, so that system can validate the Record limits before processing the records in the file			
Maximum Amount Per Day	Define the maximum amount of transaction allowed per day for an individual corporate; hence, 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:

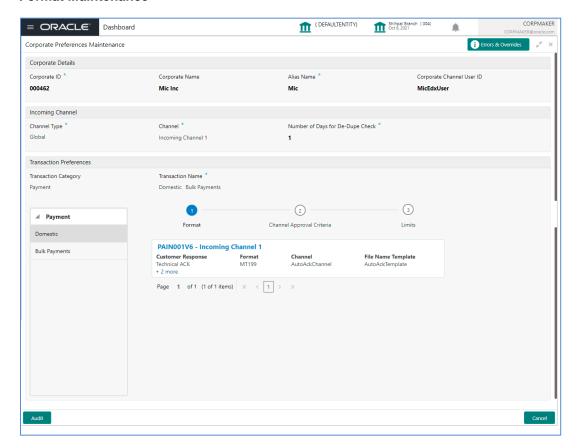
By using this screen, user can View, Modify, Delete or Authorize the **Corporate Preferences** Maintenance.

Navigation Path: Electronic Data Exchange > Maintenance > Corporate Preferences > View Corporate Preferences



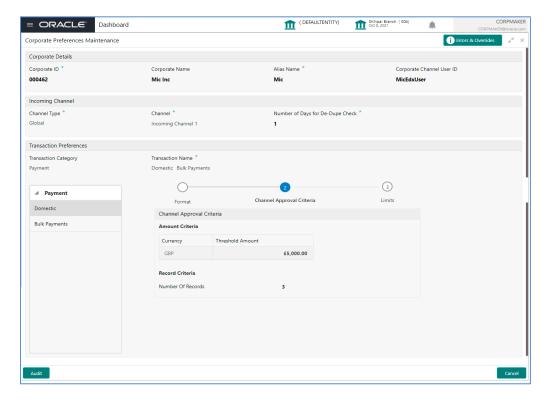


Format Maintenance

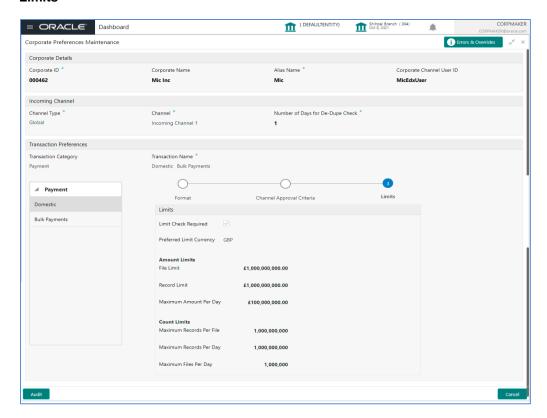




Channel Approval Criteria

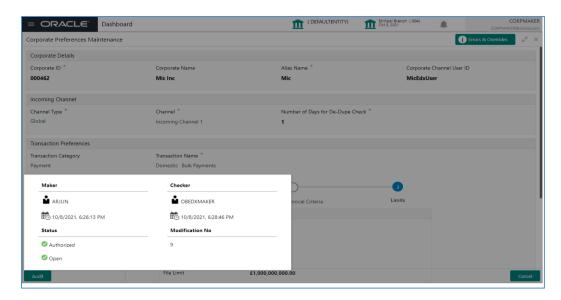


Limits





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



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
		Cor	porate F	Prefe	rences s	ection for	field le	vel	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.
- **3. Delete** To delete the data permanently, which is not yet authorize.
- **4. Close** To close record temporary
 - 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.



5. Dedupe Rule Maintenance

5.1 <u>Dedupe Rule Maintenance</u>

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, dedupe rule is run to eliminate duplicates.

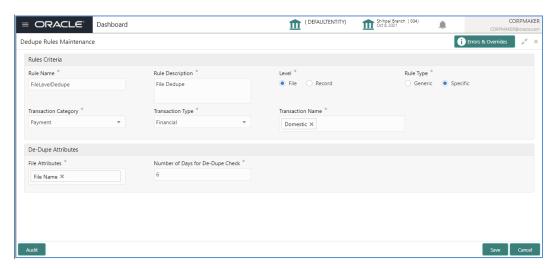
Bank user can configure de-dupe rules for a file as well as for record level.

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: Electronic Data Exchange > Maintenance > Dedupe Rules > Create Dedupe Rule



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

Note: Fields marked with "are mandatory.

Field Name	Description	
Rules Criteria		
Rule Name *	Enter Rule name	
Rule Description *	Enter Rule description	



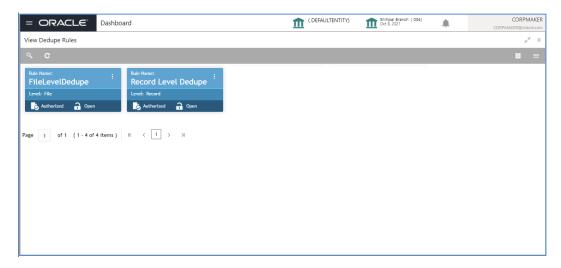
Field Name	Description		
Rule Level *	Select if de-dupe rule is being setup at Record or File level		
Rule Type *	Select if the rule should be generic or specific to transaction. Note: > Rule type is application only for File Level Rules. > If user selects Generic Rule Type, then the rule that has been created with generic rule condition is applicable for all transaction. > 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 checksum, File Reference number , File Name etc. so that the system can run dedupe rules on those conditions		
Record Attributes *	Select Record Level data duplication attributes so that the system can run de- dupe rules on those conditions within file		
Number of Days for De-Dupe Check *	Set up the number of days within which the system should perform the duplicate check with previously received files This would be overridden by the duration maintained at Corporate preference (if maintained)		



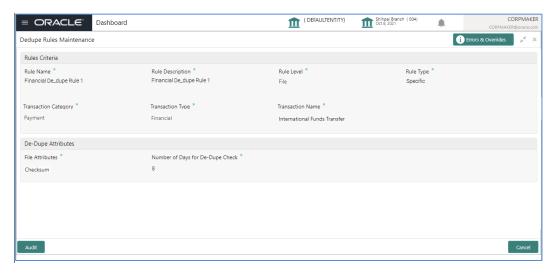
View Dedupe Rules:

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

Navigation Path: Electronic Data Exchange > Maintenance > Dedupe Rules > View Dedupe Rules

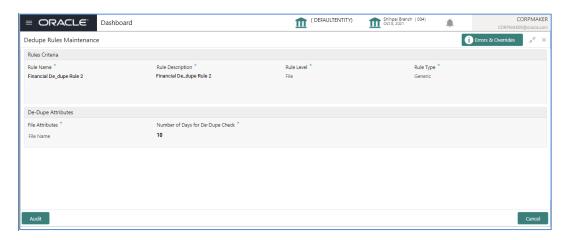


File Level - Specific

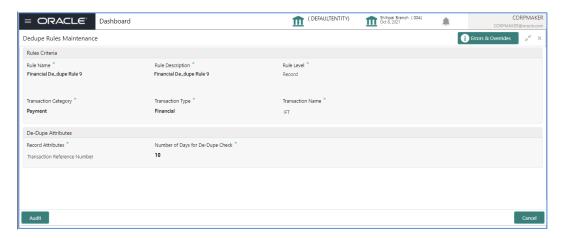




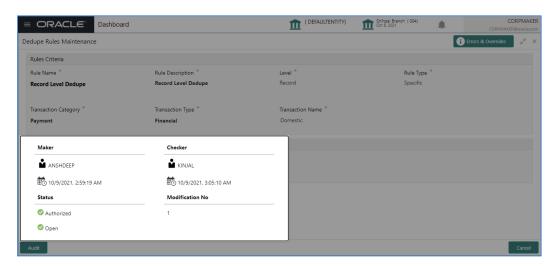
File Level - Generic



Record Level



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



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 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.

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

4. Close To close record temporary

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.



6. Correlation Rule Maintenance

6.1 Correlation Rule Maintenance

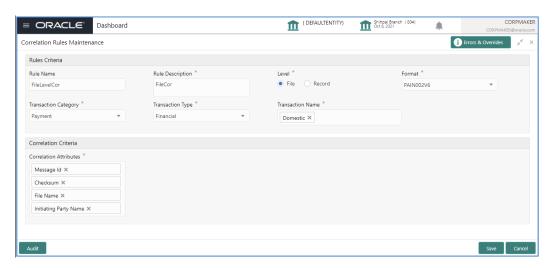
After performing the various checks and validations, system generates a handoff file and send the same to the respective Product Processor. Once the records are processed, a handoff response file is received from the product processor.

Using this maintenance, bank user can setup co-relation rules that help to reconcile the record status received from the product processor for the hand-off sent, to generate the response file.

Create Correlation Rules:

This screen is used to create Correlation Rules.

Navigation Path: Electronic Data Exchange > Maintenance > Correlation Rules > Create Correlation Rules



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

Note: Fields marked with "are mandatory.

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		
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:

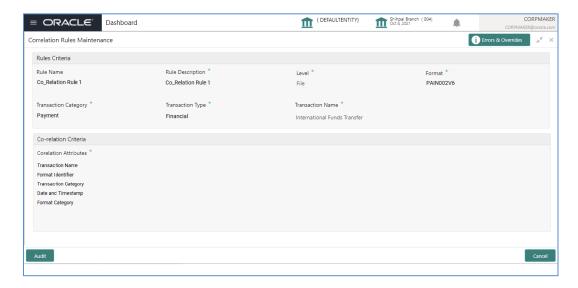
By using this screen, user can View, Modify, Delete or Authorize the Correlation Rules Maintenance.

Navigation Path: Electronic Data Exchange > Maintenance > Correlation Rules > View Correlation Rules

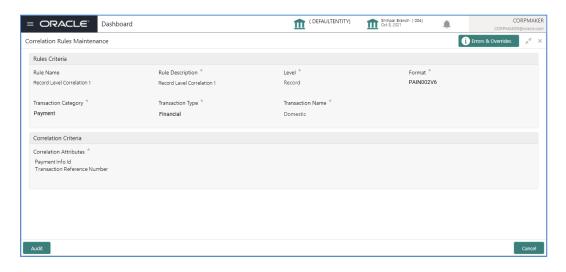




File Level

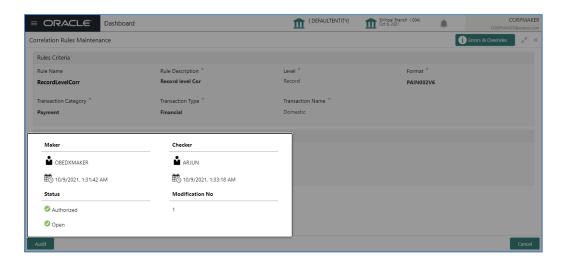


Record Level



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





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** 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.
- **3. Delete** To delete the data permanently, which is not yet authorize.
- **4. Close** To close record temporary
 - 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.



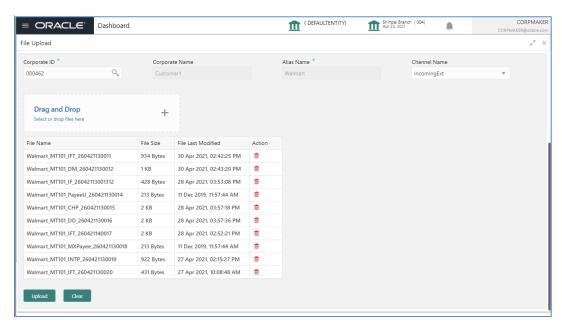
7. File Upload

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.

This screen is used for uploading the Bulk File.

Navigation Path: Electronic Data Exchange > File Upload



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

Note: Fields marked with "" are mandatory

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
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. Note: > 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	
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	



8. 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 Nonmandatory 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.

Corporate can define and modify the ACK/NACK requirement as per their priority to receive the response at various stages of file Processing.

Stage	ACK	NACK	Response Usages
Uploaded / Received	Technical Ack	Technical Nack	Mandatory
Schema/Syntax Validation	L0 Ack	L0 Nack	Mandatory
Record Extraction, De Dup	L1 Ack	L1 Nack	Optional
Channel Approval	L2 Ack	L2 Nack	Optional
After Processing	Response file	Response file	Mandatory



9. File Inquiry

9.1 <u>File Inquiry – Oracle Banking Electronic Data Exchange</u> 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.

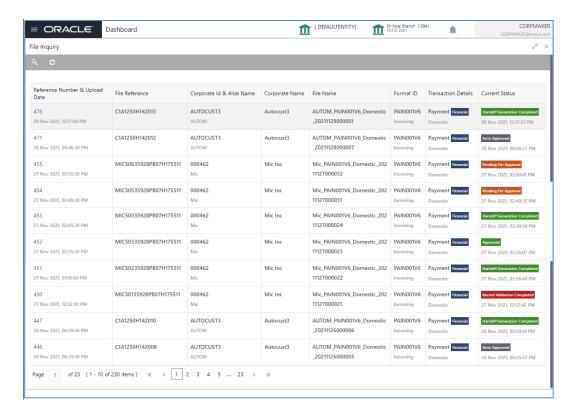
File Inquiry:

This screen is refer for File Inquiry – Summary Page

Navigation Path: Electronic Data Exchange > Inquiries > 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.





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

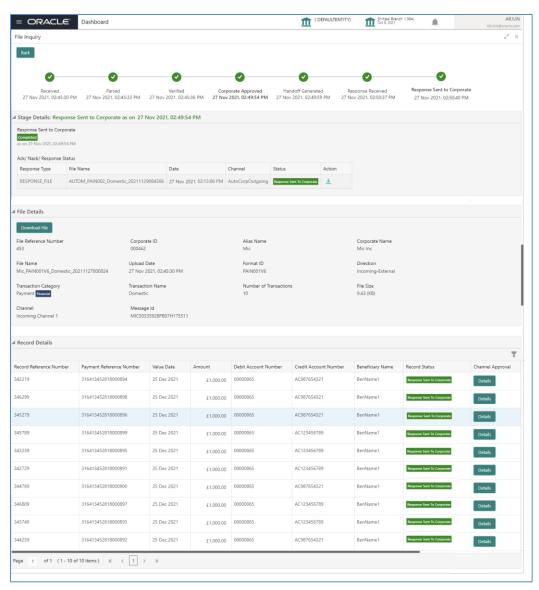
Field Name	Description
Reference Number & Upload Date	Displays the file reference number (System Generated) and file Upload Date
File Reference	Display the file reference number (File Message ID from the Uploaded File)
Corporate Id & Alias Name	Displays the Corporate ID and Its Alias name
Corporate Name	Displays name Party/Corporate name
File Name	Displays file name, that has been uploaded
Format ID	Displays format for the uploaded file
Transaction Details	Displays transaction name along with the transaction type



Field Name	Description
Current Status	Displays Current (Logical) Status of the file

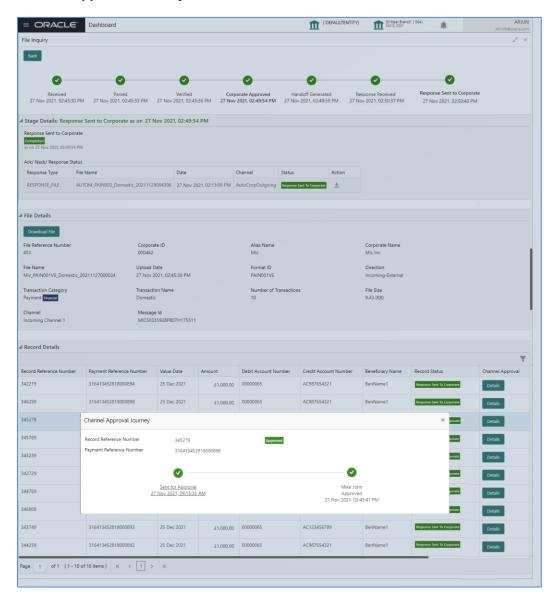
This screen is refer for File Inquiry - Details Page

On clicking on the File Reference ID 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





Channel Approval Journey:



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

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		



Field Name	Description	
	Received	File Reception Process Initiation
	Parsed	File Name Check Pre Parsing Check Parsing
	Verified	File Dedupe Check
		Transaction Dedupe Check
		Transaction Extraction
	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
ACK/ NACK/ Response Download	Displays ACK / NACK / Responses generated as per predefined corporate preference with option to download response details	
File details		
File Reference Number	Displays the file reference number	
Corporate ID	Displays the Corporate ID from which file has been received	
Alias Name	Displays the Corporates Alias name	
Corporate Name	Displays name of the Corporate who has sent the file	
File Name	Displays file name, that has been uploaded	
Upload Date	Displays upload date of	of the file



Field Name	Description	
Format ID	Displays format for the uploaded file	
Direction	Displays the direction of the file ,if it's an incoming or outgoing file	
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 Transaction	Displays the number of the transaction available in File	
File Size	Displays the file size	
Channel	Displays the channel name in which file was received/sent	
Message Id	Display the file Message ID from the Uploaded File.	
Download	Option to download the original file	
Record details		
Record Reference 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 Number	Displays the Debit Account Number	
Credit Account Number	Displays the Credit Account Number	
Beneficiary Name	Displays the beneficiary name of transaction	



Field Name	Description
Record Status	Displays the status of the transaction whether it is processed or failed.
Details	Display Record approval journey as per Approval Hierarchy. Note: Display only if File is authenticate for Record Level Channel Approval



10. Reference and Feedback

10.1 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

10.2 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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