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Preface

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Purpose

This guide is designed to help the user to quickly get acquainted with the Customer Standard Instructions maintenance process.

Audience

This guide is intended for the central administrator of the Bank who controls the system and application parameters and ensures smooth functionality and flexibility of the banking application.

Documentation Accessibility

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Diversity and Inclusion

Oracle is fully committed to diversity and inclusion. Oracle respects and values having a diverse workforce that increases thought leadership and innovation. As part of our initiative to build a more inclusive culture that positively impacts our employees, customers, and partners, we are working to remove insensitive terms from our products and documentation. We are also



mindful of the necessity to maintain compatibility with our customers' existing technologies and the need to ensure continuity of service as Oracle's offerings and industry standards evolve. Because of these technical constraints, our effort to remove insensitive terms is ongoing and will take time and external cooperation.

Related Resources

For more information on any related features, refer to the following documents

- Oracle Banking Security Management System User Guide
- Routing Hub Configuration User Guide
- Oracle Banking Getting Started User Guide

Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
italic	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

Screenshot Disclaimer

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

Acronyms and Abbreviations

The list of the acronyms and abbreviations used in this guide are as follows:

Table 1 Acronyms and Abbreviations

Abbreviation	Description
System	Core Maintenance Module
NLP	Natural Language Processing
REST	Representational State Transfer



Basic Actions

Table 2 E	asic A	ctions
-----------	--------	--------

Action	Description
Approve	Used to approve the initiated report. This button is displayed, once the user click Authorize .
Audit	Used to view the maker details, checker details, and report status.
Authorize	Used to authorize the report created. A maker of the screen is not allowed to authorize the report. Only a checker can authorize a report, created by a maker.
Close	Used to close a record. This action is available only when a record is created.
Confirm	Used to confirm the performed action.
Cancel	Used to cancel the performed action.
Compare	Used to view the comparison through the field values of old record and the current record. This button is displayed in the widget, once the user click Authorize .
Collapse All	Used to hide the details in the sections. This button is displayed, once the user click Compare .
Expand All	Used to expand and view all the details in the sections. This button is displayed, once the user click Compare .
New	Used to add a new record. When the user click New , the system displays a new record enabling to specify the required data.
ОК	Used to confirm the details in the screen.
Save	Used to save the details entered or selected in the screen.
View	Used to view the report details in a particular modification stage. This button is displayed in the widget, once the user click Authorize .
View Difference only	Used to view a comparison through the field element values of old record and the current record, which has undergone changes. This button is displayed, once the user click Compare .
Unlock	Used to update the details of an existing record. System displays an existing record in editable mode.

Symbols and Icons

The following symbols and icons are used in the screens.

Table 3	Symbols and Icons - Common

Symbol/Icon	Function
	Minimize
J L	
ר ר	

Symbol/Icon	Function
	Maximize
Г 7	
L J	
	Close
$\mathbf{\mathbf{V}}$	
X	
• •	
	Perform Search
\sim	
Q	
	Open a list
$\mathbf{-}$	
	Add a new record
	Navigate to the first record
	Navigate to the last record
N	
N	
	Navigate to the previous record
	Navigate to the next record

Table 3 (Cont.) Symbols and Icons - Common



Symbol/Icon	Function
88	Grid view
≣	List view
Ģ	Refresh
+	Click this icon to add a new row.
	Click this icon to delete an existing row.
Ð	Click to view the created record.
£	Click to modify the fields.
•	Click to unlock, delete, authorize or view the created record.

Table 3 (Cont.) Symbols and Icons - Common

	_	
i Icons -	Audit	Details
	a icons -	a icons - Audit

Symbol/Icon	Function
00	A user
⊡ ®	Date and time
	Unauthorized or Closed status
\odot	Authorized or Open status

Table 5Symbols and Icons - Widget

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

1 Core Maintenance

This topic helps you quickly get acquainted with the many functions routinely executed everyday.

- Account Entitlement Group This topic describes the information to configure an account entitlement group.
- Additional Field Maintenance
 This topic describes the systematic instructions to configure and maintain the additional
 fields for the transaction screens.
- Advice This topic describes the information to configure the various BIP advices that are available for the process.
- Amount Text Language This topic describes the information to configure an amount text language.
- BIC Directory This topic describes the information to configure the BIC directory for a customer.
- Branch EOD
 This topics describes the information to configure Branch workflow
- Checklists
 This topic describes the information to configure an Checklists.
- Country Code This topic describes the information to configure the Country code.
- Currency Definition
 This topic describes the information to define the currency using Currency Definition maintenance.
- Currency Exchange Rate This topic describes the information to configure a Currency Exchange Rate.
- Currency Holiday Master
 This topic describes the information to configure a Currency Holiday.
- Currency Pair Definition This topic describes the information to define a Currency Pair.
- Currency Rate Type This topic describes the information to configure a Currency Rate.
- Customer Access Group This topic describes the information to configure the customer access group.
- Customer Category This topic describes the information to configure a Customer Category
- Data Segment This topic describes the information to configure an Data Segment.
- ECA System

Other accounting systems maintain the External Credit Approval (ECA) process. For example, Oracle Banking FLEXCUBE or the virtual account system Oracle Banking Virtual



Account Management. This maintenance enables the routing of transactions to the appropriate accounting system.

- External Bank Parameters This topic describes the information to configure bank level parameters.
- External Branch Parameters This topics describes the information to configure branch level parameters.
- External Chart of Accounts This topic describes the information to configure an external chart of accounts.
- External Customer

The **External Customer** feature enables the creation and viewing of customer information in a centralized location within the Oracle Banking Microservices Architecture framework. This repository stores vital customer details such as **CIF ID**, **Customer Name**, other essential information, ensuring quick reference, and easy access to pertinent data.

- External Customer Account This topic helps to configure the external customer account details.
- External Customer Account Structured Address
 This topic describes the information to configure the external customer account structured
 address details.
- External Virtual Account Structured Address This topic describes the information to configure the external virtual account structured address details.
- Forget Process
 This topic describes the information to configure a customer detail who wants to be forgotten using forget process.
- GL Parameter Maintenance This topic describes the information to configure an GL parameter maintenance.
- Host Code
 This topic describes the information to configure the host code.
- Interest Rate This topic describes the information to configure a Interest Rate.
- Inter Branch Parameters Maintenance This topic describes the information to configure an inter branch parameters maintenance.
- Language Code This topic describes the information to configure a language code.
- Local Holiday This topic describes the information to configure a local holiday.
- Media This topic describes the information to configure the media.
- MIS Class This topic describes the information to configure an MIS Class.
- MIS Group
 This topic describes the information to configure an MIS Group.
- Multi-Currency Account Linkage This topic describes the information to link the sub-accounts to a core multi-currency account.



Process Code

This topic describes the information to set the process code to the individual stages according to the process.

- Priority Code This topic describes the information to configure an Priority Code.
- Pricing Source System This topic describes the information to configure the pricing source system.
- Resource Class This topic describes the information to configure an Resource Class.
- SLA Maintenance This topic describes the information to configure an SLA maintenance.
- Screenclass

The maintenance screens of Oracle Banking Microservices Architecture product which are based on Resource Segment Orchestrator uses the screen class maintenance to maintain the list of data segments that are part of the maintenance screens.

State Code

This topic describes the information to configure an State Code.

System Dates

This topic describes the information to view the system date details.

Transaction Code

This topic describes the information to configure the transaction code.

Upload Source

Upload Source screen facilitates the maintenance of external systems like Oracle Digital Banking Experience, Oracle Banking Liquidity Management, and so on which can send transactions data to the common core.

Upload Source Preference

Upload Source Preference can set preferences for upload of a data from an external source. Example an external exchange rate source is sending exchange rates to the common core system.

Limits and Collaterals

This section contains the details of the limits and collaterals data that are replicated from the ELCM system.

1.1 Account Entitlement Group

This topic describes the information to configure an account entitlement group.

This topic contains the following subtopics:

- Create Account Entitlement Group
 This topic describes the systematic instructions to configure the account entitlement group.
- View Account Entitlement Group This topic describes the systematic instructions to view the list of configured account entitlement group.

1.1.1 Create Account Entitlement Group

This topic describes the systematic instructions to configure the account entitlement group.

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



- 1. On Home screen, click Core Maintenance. Under Core Maintenance, click Account Entitlement Group.
- 2. Under Account Entitlement Group, click Create Account Entitlement Group.

The Create Account Entitlement Group screen displays.

in Code	Account Entitlement Group Code	
art One		
Brouled	Required	
Int Entitlement Group Description		
Deviced		
maganaa		

Figure 1-1 Create Account Entitlement Group

3. Specify the fields on **Create Account Entitlement Group** screen.



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

Table 1-1 Create Account Entitlement Group – Field Description

Field	Description
Domain Code	Search and select the required language code.
Account Entitlement Group Code	Specify the currency symbols.
Account Entitlement Group Description	Select a decimals as fraction value from the drop-down list.

4. Click **Save** to save the details.

The amount text language is successfully created and can be viewed using the **View Account Entitlement Group** screen.

5. Click **Cancel** to discard the changes and close the screen.

1.1.2 View Account Entitlement Group

This topic describes the systematic instructions to view the list of configured account entitlement group.

The user can configure an account entitlement group using **Create Account Entitlement Group** screen.

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

- 1. On Home screen, click Core Maintenance. Under Core Maintenance, click Account Entitlement Group.
- 2. Under Account Entitlement Group, click View Account Entitlement Group.

The View Account Entitlement Group screen displays.

View Account Entitlement G	iroup	:: ×
A + O		8≡ 88
Account Entitlement Group Code: ACCTGRP1		
Maker ID KEERTID1 Mod No 1		
🗅 Authorized 🔒 Open 🖾 1		

Figure 1-2 View Account Entitlement Group

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

 Table 1-2
 View Account Entitlement Group – Field Description

Field	Description					
Language Code	isplays the language code associated with the amount word.					
Authorization Status	Displays the authorization status of the record. The options are: • Authorized • Rejected • Unauthorized					
Record Status	Displays the status of the record. The options are: • Open • Closed					
Modification Number	Displays the number of modification performed on the record.					

1.2 Additional Field Maintenance

This topic describes the systematic instructions to configure and maintain the additional fields for the transaction screens.

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

1. On Home screen, click Core Maintenance. Under Core Maintenance, click Additional Field Maintenance.



The Additional Field Maintenance screen displays.

Figure 1-3 Additional Field Maintenance

Additional Field Maintenance	;; ×
Q + 0	83 88
u Ker fsgbu-ob-cmn-ds-additio	
Application D Admona/Fields Description Additional Fields	
C. Authorized	
Page 1 of1 (1-1of1mems) (< + 1 > >)	

2. View the details from Additional Fields Maintenance screen

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

 Table 1-3
 Additional Field Maintenance - Field Description

Field	Description
UI Key	Displays the UI key of the additional field.
Application ID	Displays the related application ID of the additional field.
Description	Displays the description of the additional field.
Status	Displays the status of the record.

3. On Additional Field Maintenance screen, click + button.

The Additional Fields Maintenance screen displays.

Figure 1-4 Additional Fields Maintenance

Additional Fields	Maintenance									
 Additional Fields 	Details									
Component Name		Unique Identifier/F	Product Code			Des	cription		Application ID	
fsgbu-ob-cmn-ds-addition	al-fi Q					A	dditional Fields		ово	
UI Key										
fsgbu-ob-cmn-mn-addition fields@	nal-									
✓ Construct Addition	onal Fields MetaData									
Field ID 0	Field Label 0	Category C	Fie	ield Type 🛛		Edit Properties	0	Mandatory 0	Is Unique? 0	
No data to display.										
 ✓ Construct Validat Validation Name ÷ 	tion MetaData	÷	Custom Error	(Message	2 <i>2010</i> (11) (11) (11) (11) (11) (11) (11) (11			Edit Arguments		+ -
No data to display.										

4. specify the fields on Additional Fields Maintenance screen.





Field	Description				
Component Name	Click Search icon to view and select the component name from the list of				
Product Code	Click Search icon to view and select the product code from the list				
Product Name	Displays the product name for the specified product code.				
Description	Displays the description as Additional Fields , and it can be modified.				
Application ID	Displays the Application ID.				
Construct Additional Fields MetaData	Specify the details under this section to configure metadata for each field.				
Select	Check this box to select/unselect a row.				
Field ID	Specify the field ID.				
Field Label	Specify the field label.				
Category	Specify the category.				
Field Type	Select the field type from the drop-down values.				
Edit	Click this icon to edit the fields in the row.				
Mandatory	Check this box if the field needs to be configured as mandatory.				
Construct Validation MetaData	Specify the details under this section for validations to be applied on configured fields.				
Select	Check this box to select/unselect a row.				
Validation Name	Specify the validation name.				
Validation Template To Use	Select the template to be used for the validation.				
Custom Error Message	Specify the error message that needs to be displayed for the lidti				
Edit Arguments	Click this icon to edit the fields in the row.				

Table 1-4 Additional Fields Maintenance – Field Description

5. Click Save to save the details.

The user can view the confirmation advice details in the Additional Field Maintenance.

1.3 Advice

This topic describes the information to configure the various BIP advices that are available for the process.

This topic contains the following subtopics:

Create Advice

This topic describes the systematic instructions to configure advices.

• View Advice This topic describes the systematic instructions to view the list of configured advice.

1.3.1 Create Advice

This topic describes the systematic instructions to configure advices.

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

- 1. On Home screen, click Core Maintenance. Under Core Maintenance, click Advice.
- 2. Under Advice, click Create Advice.



The Create Advice screen displays.

Figure 1-5 Create Advice

Create Advice			4
Advice Name Required			
Advice Description	Micro Service Name	Swift Micro Service	Micro Service Endpoint
Application Name	Application Description		
Beguined	Required		
Media Q Required	Branch Q Required	Currency Q Required	Report Locale Report Locale Report Locale
Report Absolute Path	Format Select an option	Swritt Endpoint	
			Cancel

3. Specify the fields on Create Advice screen.

Note: The fields marked as **Required** are mandatory.

Table 1-5 Create Advice – Field Description

Field	Description		
Advice Name	Specify the name of the advice.		
Advice Description	Specify the information about the advice.		
Micro Service Name	Specify the name of the micro service.		
Swift Micro Service	Specify the information about the swift micro service.		
Micro Service Endpoint	Specify the endpoint micro service.		
Application Name	Specify the application name for which advice is generated.		
Application Description	Specify the additional information about the application.		
Media	Search and select the required media.		
Branch	Search and select the required branch.		
Currency	Search and select the required currency.		
Report Locale	Specify the locale report details.		
Report Absolute Path	Specify the report absolute path.		



Field	Description		
Format	Select a download file format for an advice from the drop-down list. The available options are: PDF PPTX HTML XLS RTF		
Swift Endpoint	Specify the swift endpoint.		

Table 1-5 (Cont.) Create Advice – Field Description

4. Click **Save** to save the details.

The advice is successfully created and can be viewed using the View Advice screen.

1.3.2 View Advice

This topic describes the systematic instructions to view the list of configured advice.

The user can configure an advice for a process using the Create Advice screen.

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

- 1. On Home screen, click Core Maintenance. Under Core Maintenance, click Advice.
- 2. Under Advice, click View Advice.

The View Advice screen displays.

+ 0					
dvice Name: paRejection	Advice Name: CCApplication	Advice Name: CasawithODAp :	Advice Name: CasawithoutODAp	Advice Name: IpaOffer	Advice Name: CAODOfferIssue
dvice RPM-IpaRejection ficro Service obremo-rpm-cmn	Advice RPM Micro Service obremo-rpm	Advice RPM Micro Service obremo-rpm-sav	Advice RPM Micro Service obremo-rpm-sav	Advice RPM-IpaOfferLetter Micro Service obremo-rpm-cmn	Advice RPM-CAODOfferIssue Micro Service obremo-rpm-sav
Authorized 🔓 Open 🖾 1	🗅 Authorized 🔓 Open 🖾 1	🗅 Authorized 🔓 Open 🖾 1	🗅 Authorized 🔓 Open 🖾 1	D Authorized 🔓 Open 🖾 1	D Authorized 🔓 Open 🖾 1
dvice Name: OfferSchedule	Advice Name: test_advice	Advise Name: AdverseAction	Advice Name: TDApplication		
dvice RPM-Offer ficro Service loanapplication	Advice Test Advice Micro Service	Advice RPM Micro Service obremo-rpm-process	Advice RPM Micro Service obremo-rpm-term		
Authorized 🔓 Open 🖾 1	🗅 Authorized 🔒 Open 🖾 1	🗅 Authorized 🔒 Open 🖾 1	D Authorized 🔓 Open 🖄 1		

Table 1-6 View Advice – Field Description

Field	Description	
Advice Name	Displays the name of the advice.	
Advice Description	Displays information about the advice.	
Micro Service Name	Displays the name of the micro service.	



Field	Description
Authorization Status	Displays the authorization status of the record. The options are: • Authorized • Rejected • Unauthorized
Record Status	Displays the status of the record. The options are: • Open • Closed
Modification Number	Displays the number of modification performed on the record.

Table 1-6 (Cont.) View Advice – Field Description

1.4 Amount Text Language

This topic describes the information to configure an amount text language.

This topic contains the following subtopics:

- Create Amount Text Language This topic describes the systematic instructions to configure the amount text language.
- View Amount Text Language This topic describes the systematic instructions to view the list of configured amount text language.

1.4.1 Create Amount Text Language

This topic describes the systematic instructions to configure the amount text language.

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

- 1. On Home screen, click Core Maintenance. Under Core Maintenance, click Amount Text Language.
- 2. Under Amount Text Language, click Create Amount Text Language.

The Create Amount Text Language screen displays.

Creat	e Amount Text Languag	e						1	;×
Language C	ode Q Reguired								
Amount	Word Currency List								
								+	- 12
	Currency Symbol 0	Decimals As Fraction 🗘	Final Text 0	CCY O	Post Decimal 0	Pre Decimal 🗘	Text Before 0	Text Between 0	
No dat	a to display.								
Page	1 (0 of 0 items) < 4 1	▶ >							
Amount	Word Text List								
				+ 🖻					
0	Amount 0	One Flag 0	Text 0						
No dat	a to display.								
Page	1 (0 of 0 items) <	▶ >I							
anguage Co	de								
								Cancel	Save

Figure 1-7 Create Amount Text Language



3. Specify the fields on Create Amount Text Language screen.



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

Field	Description		
Language Code	Search and select the required language code.		
Currency Symbol	Specify the currency symbols.		
Decimals As Fraction	Select a decimals as fraction value from the drop-down list.		
Final Text	Specify the final text for the amount word currency list.		
CCY	Search and select the CCY.		
Post Decimal	Specify the post decimal details.		
Pre Decimal	Specify the pre decimal details.		
Text Before	Select an option for the before text.		
Text Between	Specify the text that must appear between the amount word currency list.		
Amount	Select the amount details.		
One Flag	Select an option for the amount word text list.		
Text	Specify the text for the amount word.		

 Table 1-7
 Create Amount Text Language – Field Description

- 4. Click + icon to add a new row.
- 5. Click Save to save the details.

The amount text language is successfully created and can be viewed using the View Amount Text Language screen.

1.4.2 View Amount Text Language

This topic describes the systematic instructions to view the list of configured amount text language.

The user can configure an amount text language using Create Amount Text Language screen.

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

- 1. On Home screen, click Core Maintenance. Under Core Maintenance, click Amount Text Language.
- 2. Under Amount Text Language, click View Amount Text Language.

The View Amount Text Language screen displays.

Figure 1-8 View Amount Text Language

View Amount Text Language	::×
Q + C	I≡ 88
Leepage Gole CPO :	
Language Code CPO	
D'Unauthorized É Open 1231	
Page 1 of1 (1-1of1kems) (< (1 >))	

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

 Table 1-8
 View Amount Text Language – Field Description

Field	Description	
Language Code	Displays the language code associated with the amount word.	
Authorization Status	Displays the authorization status of the record. The options are: • Authorized • Rejected • Unauthorized	
Record Status	Displays the status of the record. The options are: • Open • Closed	
Modification Number	Displays the number of modification performed on the record.	

1.5 BIC Directory

This topic describes the information to configure the BIC directory for a customer.

As part of setting up basic information, the user must maintain Bank Identifier Codes (BIC).

This topic contains the following subtopics:

- Create BIC Directory This topic describes the systematic instructions to configure a BIC directory for a customer.
- View BIC Directory This topic describes the systematic instructions to view the list of configured BIC directory.

1.5.1 Create BIC Directory

This topic describes the systematic instructions to configure a BIC directory for a customer.

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

- 1. On Home screen, click Core Maintenance. Under Core Maintenance, click BIC Directory.
- 2. Under BIC Directory, click Create BIC Directory.

The Create BIC Directory screen displays.

create bic birectory			
BIC Code	Bank Name	Customer Number	Customer Name
Required	Required		
Bank Address 1	Bank Address 2	Bank Address 3	SWIFT Key
Telex Key	SWIFT Key Arrangement	Relationship	Sub Type Code
	· ·	No Mail Keys	Q
BEI Indicator	ADB Member		
Payment Message			
MT103+ Preferred	Blacklisted	CUG Member	Remit Member
Update During Upload			
Multi Curtomar Cradit Transfar			
Multi-Customer Credit Transfer	Generate 102+	Maximum Size in Bytes	
Request for Transfer			
Generate MT101	Number of Transactions Per Page		
			Cancel

Figure 1-9 Create BIC Directory

3. Specify the fields on **Create BIC Directory** screen.

Note:

The fields marked as **Required** are mandatory.

Table 1-9	Create BIC Director	y – Field Description
-----------	---------------------	-----------------------

Field	Description
BIC Code	Specify the unique BIC Code by which the bank is identified by SWIFT.
Bank Name	Specify the name for the bank.
Customer Number	Click Search icon to view and select the required customer number.
Customer Name	Displays the customer name based on the selected Customer Number .
Bank Address 1-3	Displays the bank address 1-3 based on the selected Customer Number .
SWIFT Key	Specify the swift key details.
Telex Key	Specify the unique telex key for the BIC directory.
SWIFT Key Arrangement	Select the SWIFT key arrangement from the drop-down list. The available options are: • Yes • No



Field	Description	
Relationship	 Select one of the following options: No: If selected, indicates that the BIC Entity is not a customer of your bank Mail: If selected, the BIC entity is not a recognized SWIFT entity but an address internal to your bank. In such cases, all correspondence directed to the particular BIC entity is sent as mail messages. Keys: If selected, a SWIFT/Telex connectivity exists between your bank and the bank for which you are maintaining details. Subsequently, you must specify the SWIFT/Telex Key in the adjacent field. 	
Sub-type Code	Click Search icon to view and select the required sub-type code.	
BEI Indicator	Displays BEI Indicator based on the selected Sub-type Code .	
ADB Member	Select the ADB member from the drop-down list. The available options are: • Not applicable • Yes • No	
MT103+ Preferred	By default, this is disabled. If selected, indicates the counter party whose BIC code details you are capturing capacitate to receive payment messages in the MT 103 format.	
Blacklisted	By default, this is disabled. If selected, indicates the BIC entity is blacklisted.	
CUG Member	By default, this is disabled. If selected, indicates the BIC entity is a closed user group member.	
Remit Member	By default, this is disabled. If selected, indicates the customer is registered with MT 103 extended remittance information multiple user group.	
Update During Upload	By default, this is disabled. If selected, updated the BIC directory during an upload.	
Multi-Customer Credit Transfer	By default, this is disabled. If selected, indicates multiple credit transfer feature (MT102 support) exists between the bank and the BIC entity.	
Generate 102+	By default, this is disabled. If selected, generates 102+ message.	
Maximum Size in Bytes	Specify the maximum size.	
Generate MT101	By default, this is disabled. If selected, indicates MT101 can be sent/received from this BIC. Select to generate MT101 message.	
Number of Transactions Per Page	Specify the number of transactions to view per page. If not specified, the value is defaulted to 10.	
Real Customer Number	Click Search icon to view and select the required real customer number.	
Real Customer Name	Based on the Real Customer Number selected, the information is auto-populated.	

Table 1-9 (Cont.) Create BIC Directory – Field Description

4. Click **Save** to save the details.

The BIC directory is successfully created and can be viewed using the View BIC Directory screen.

1.5.2 View BIC Directory

This topic describes the systematic instructions to view the list of configured BIC directory.

The user can configure BIC directory using Create BIC Directory screen.

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

- 1. On Home screen, click Core Maintenance. Under Core Maintenance, click BIC Directory.
- 2. Under BIC Directory, click View BIC Directory.

The View BIC Directory screen displays.

Figure 1-10 View BIC Directory

/iew BIC Directory		
u + 0		
Customer Number:	Customer Number:	
BIC Code CITIUSXXXXX Sub Type Code - Bank Name TEST	BIC Code TESTXXXX Sub Type Code - Bank Name TEST02	
Authorized 🔓 Open 🖉 1	🗅 Unauthorized 🔓 Open 📝 1	

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

Table 1-10 View BIC Directory – Field Description

Field	Description
Customer Number	Displays the number of the customer.
Sub-type Code	Displays the sub-type code associated with the customer number.
BIC Code	Displays the defined BIC code for the associated customer.
Authorization Status	Displays the authorization status of the record. The options are: • Authorized • Rejected • Unauthorized
Record Status	Displays the status of the record. The options are: • Open • Closed
Modification Number	Displays the number of modification performed on the record.

1.6 Branch EOD

This topics describes the information to configure Branch workflow

The user can invoke EOD to indicate that all the activities for the day are complete. Activities can be performed on the system only after the system date is changed to the next working day and authorized.

Most of the automated functions are part of the beginning of day operations. Thereafter, some of them must be executed when the system is in the EOTI stage.



This topic contains the following subtopics:

- Configure Branch EOD This topic describes the systematic instructions to create / configure the EOD work-flow with a branch.
- View Branch EOD This topic describes the systematic instructions to view the list of branch work-flow mappings.
- Invoke Branch EOD

This topic describes the systematic instructions to invoke the branch EOD process as per the branch.

1.6.1 Configure Branch EOD

This topic describes the systematic instructions to create / configure the EOD work-flow with a branch.

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

- 1. On Home screen, click Core Maintenance. Under Core Maintenance, click Branch EOD.
- 2. Under Branch EOD, click Configure EOD.

The **Configure EOD** screen displays.

Figure 1-11 Configure EOD

	;; ×
Reach Code Description Workflow Name	

3. Specify the fields on **Configure EOD** screen.





Table 1-11	Configure EOD – Field Description
------------	-----------------------------------

Field	Description
Branch Code	Specify the branch code that is associated with the logged in user.
Description	Displays the description of the branch.
Workflow Name	Specify the work-flow name that is already created.

Note:

For more information on EOD Workflow creation and related terminologies, refer to *EOD Configuration User Guide* of the respective products.

1.6.2 View Branch EOD

This topic describes the systematic instructions to view the list of branch work-flow mappings.

The user can configure EOD using Configure EOD screen.

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

- 1. On Home screen, click Core Maintenance. Under Core Maintenance, click Branch EOD.
- 2. Under Branch EOD, click View EOD.

The View EOD screen displays.

+ 0					
nch Code: JB	Branch Code: RTO	Branch Code: RA3	Branch Code: 800	Branch Code: IL1 :	Branch Code: AU1
laker SAJI02 nceAuthorizedY lorkflow Name OBLM-EOC-3	Maker JOHJEN OnceAuthorizedY Workflow Name OBLM-EOD-RTO-1	Maker RAGHAVENDRAN OnceAuthorizedY Workflow Name OBLM_EOD1234	Maker AUTTEST2 OnceAuthorizedY Workflow Name myfirsteodbatch10	Maker NAGA02 OnceAuthorizedY Workflow Name OBLM-EOD-1	Maker AUTTEST1 OnceAuthorizedY Workflow Name OBLMEOD1234
Authorized 🔓 Open 🖾 8	D Authorized 🔓 Open 🖄 1	D Authorized 🔓 Open 🖄 4	DAuthorized 🔓 Open 🖾 1	🕃 Authorized 🔓 Open 🖾 1	🗈 Authorized 🔓 Open 🖾 1
ench Code: PQ :	Branch Code: DV1	Branch Code: UK1	Brench Code: BUG		
laker DHARANE nceAuthorizedN forkflow Name TestWorkFLow	Maker AUTTEST1 OnceAuthorizedY Workflow Name OBLMEOD-DV11	Maker NAGA02 OnceAuthorizedY Workflow Name OBLM-EOD-1	Maker AUTTEST2 OnceAuthorizedY Workflow Name OBLM-EOD-2023		
Unauthorized 🔓 Open 🖉	🗅 Authorized 🔓 Open 🖾 3	D Authorized & Open 1	D Authorized & Open 23		

Figure 1-12 View EOD

Table 1-12 View EOD – Field Description

Field	Description
Branch Code	Displays the branch code details.
Maker	Displays the name of the maker.
Workflow Name	Displays the name of the work-flow.



Field	Description
Authorization Status	Displays the authorization status of the record. The options are: • Authorized • Rejected • Unauthorized
Record Status	Displays the status of the record. The options are: • Open • Closed
Modification Number	Displays the number of modification performed on the record.

Table 1-12 (Cont.) View EOD – Field Description

1.6.3 Invoke Branch EOD

This topic describes the systematic instructions to invoke the branch EOD process as per the branch.

The work-flow mapping can be configured using Configure Branch EOD screen.

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

- 1. On Home screen, click Core Maintenance. Under Core Maintenance, click Branch EOD.
- 2. Under Branch EOD, click Invoke EOD.

The Invoke EOD screen displays.

Figure 1-13 Invoke EOD

Invoke EOD			:: ×
Initiate End of Day Batch Operation Breach Code Q Regulate React	Description	Current Blanch Date	
View End of Cycle Processes Refresh	Auto Refresh(60s)		

3. specify the fields on Invoke EOD screen.



Table 1-13 Invoke EOD – Field Description

Field	Description
Branch Code	Specify the branch code that is associated with the logged in user.
Description	Displays the description of the branch, based on the Branch code selected.



Table 1-13 (Cont.) Invoke EOD – Field Description

Field	Description
Current Branch Date	Displays the current branch date, based on the Branch code selected.

- 4. Click **Start** to invoke EOD for selected branch and click **Refresh** to view the current status of batch.
- 5. Click **Retry** to restart the EOD work-flow from the failed task.



- 6. Click **Reset** to clear the branch selected.
- 7. Click **Refresh** to view the current status of batch.
- 8. Mouse-hover on the task to view the relevant details such as Start time, End time, and Error if any.

1.7 Checklists

This topic describes the information to configure an Checklists.

Checklists are to-do lists that must be completed to proceed to next stage. Checklists can be configured for a particular process within their respective stage.

This topic contains the following subtopics:

Checklists Maintenance

This topic describes the systematic instructions to view the list and configure the checklists maintenance.

Checklists Linkage Maintenance

This topic describes the systematic instructions to view the list and configure the checklists linkage maintenance.

1.7.1 Checklists Maintenance

This topic describes the systematic instructions to view the list and configure the checklists maintenance.

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

- 1. On Home screen, click Core Maintenance. Under Core Maintenance, click Checklists.
- 2. Under Checklists, click Checklists Maintenance.

The Checklists Maintenance screen displays.


^{necklist Name:} landatory Clai	m Documer	1 :	Checklist Name: Signatures on C	Claim verifie	ed :	Checklist Name: Verified the doo	cuments up	I :	Verified the Signature		:
hecklist Code CHC0994			Checklist Code CHC0993		Checklist Code CHC0992		Checklist Code CHC0991				
] Unauthorized	🗄 Open	企 1	D Unauthorized	🗄 Open	企 1	🗅 Unauthorized	🔓 Open	圖 1	Dunauthorized	🗄 Open	团 1

Figure 1-14 Checklists Maintenance

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

Field	Description
Checklist Name	Displays the name of the checklist.
Checklist Code	Displays the code of the checklist maintained.
Authorization Status	Displays the authorization status of the record. The options are: • Authorized • Rejected • Unauthorized
Record Status	Displays the status of the record. The options are: • Open • Closed
Modification Number	Displays the number of modification performed on the record.

 Table 1-14
 Checklists Maintenance – Field Description



3. Click

to configure the new checklists maintenance.

The Checklists screen displays.



Figure 1-15 Checklists

Checklist		:: ×
Checklist Code	Checklist Name	
CHC0751	Bended	
	Ingeno	
		Cancel Save



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

Table 1-15 Checklists Maintenance – Field Des

Field	Description
Checklist Code	Displays the auto-generated code for each new checklist. This is system generated code.
Checklist Name	Specify the description of the checklist to be maintained. This is user specific.

- 4. Click Save to save the details.
- 5. Click **Cancel** to discard the changes and close the screen.

1.7.2 Checklists Linkage Maintenance

This topic describes the systematic instructions to view the list and configure the checklists linkage maintenance.

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

- 1. On Home screen, click Core Maintenance. Under Core Maintenance, click Checklists.
- 2. Under Checklists, click Checklists Linkage Maintenance.

The Checklists Linkage Maintenance screen displays.



Figure 1-16 Checklists Linkage Maintenance

R + 0			
Process Code: LNORGN	Process Code: SNPOAR	Process Code: LNORGN	
Application LNORGN Stage Code CLMO_FA_LNORGN_EN	Application SNPOAR Stage Code CLMO_FA_SNPOAR_API	Application LNORGN Stage Code CLMO_FA_LNORGN_AP	
P Authorized & Open 121	P. Authorized & Open	D Unauthorized & Open 121	

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

Table 1-16 Checklists Linkage Maintenance – Field Description

Field	Description
Process Code	Displays the process code.
Application Category Code	Displays the application category code
Stage Code	Displays the stage code.
Authorization Status	Displays the authorization status of the record. The options are: • Authorized • Rejected • Unauthorized
Record Status	Displays the status of the record. The options are: • Open • Closed
Modification Number	Displays the number of modification performed on the record.

3. Click

ck _____ to configure the new checklists linkage maintenance.

The Checklists Linkage Maintenance screen displays.



Sage Name Sage Name alect •	۹	Processivenine	Application Category Code	Application Category	Name
cklist Code	Required	Stage Name			
reklist Code	elect				
ngoment 0 Mandatory 0 Action 0	cklist Code				
nponent © Mandatary © Action ©					
data to display.	opnent 0			Mandatory 0	Action 0
	data to display.				

Figure 1-17 Checklists Linkage Maintenance

Note: The fields marked as **Required** are mandatory.

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

Field	Description
Process Code	Select the process code to maintain the checklists. This retrieves all the process codes.
Process Name	Displays the description of the process code. It is read-only. Populates description of the process code.
Application Category Code	Select the application category code from the drop-down list. This is day 0 data for that specific process code.
Application Category Name	Displays the description of the application category. It is read-only. Populates the configured application category description.
Stage Code	Select the stage code from the drop-down list for which checklists needs to be maintained. It is read-only. Populates the configured stage description.
Stage Name	Displays the description of the stage code to be maintained. It is read-only. Populates the configured stage description.

 Table 1-17
 Checklists Linkage Maintenance – Field Description

4. Click

lick **I** to add a row and provide the checklist code details.

- 5. Click **Save** to save the details.
- 6. Click **Cancel** to discard the changes and close the screen.

1.8 Country Code

This topic describes the information to configure the Country code.

This topic contains the following subtopics:

- Create Country Code This topic describes the systematic instructions to configure a country code.
- View Country Code This topic describes the systematic instructions to view the list of configured country code.

1.8.1 Create Country Code

This topic describes the systematic instructions to configure a country code.

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

- 1. On Home screen, click Core Maintenance. Under Core Maintenance, click Country Code.
- 2. Under Country Code, click Create Country Code.

The Create Country Code screen displays.

der verde			
try code			
Required			
itry Name	Alternate Country code	Region Code	ISO Country code
Required	Required		
xode	Blacklist	EU Member	Generate 205
Check Required	BIC Clearing Code	Intra European	

Figure 1-18 Create Country Code

3. Specify the fields on Create Country Code screen.



Field	Description
Country Code	Specify the country code.
Country Name	Specify the name of the country.
Alternate Country Code	Specify the alternate country code.
Region Code	Specify the region code.
ISO Country Code	Specify the ISO country code.
ISO Code	Specify the ISO code.
Blacklist	By default, this is disabled. If selected, indicates the country is blacklisted.
EU Member	By default, this is disabled. If selected, indicates the country is recognized by Swift as a part of the Intra European countries.
Generate 205	By default, this is disabled. If selected, indicates the cover message 205COV or 205 need to be generated for transactions involving this country. If the user does not select this option, RTGS, 202 or 202COV message is generated.
IBAN Check Required	By default, this is disabled. If selected, indicates check required for an IBAN is mandatory.
BIC Clearing Code	By default, this is disabled. If selected, indicates the National ID in the BIC plus file is the clearing code. During upload of clearing codes from BIC plus file, the records belong to countries against which this box is selected.
Intra European	By default, this is disabled. If selected, indicates the country is an intra European country.

Table 1-18 Create Country Code – Field Description

4. Click Save to save the details.

The country code is successfully created and can be viewed using the View Country Code screen.

1.8.2 View Country Code

This topic describes the systematic instructions to view the list of configured country code.

The user can configure country code using Create Country Code screen.

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

- 1. On Home screen, click Core Maintenance. Under Core Maintenance, click Country Code.
- 2. Under Country Code, click View Country Code.

The View Country Code screen displays.



10					
Country Code: 543 :	Country Code: 54 :	Country Code: AF	Country Code: AX :	Country Code: AL	Country Code: DZ :
Country Name 543 SO Numeric	Country Name 54D ISO Numeric	Country Name Afghani ISO Numeric	Country Name ALAND ISLANDS ISO Numeric AX	Country Name ALBANIA ISO Numeric AL	Country Name ALGERIA ISO Numeric DZ
🗅 Unauthorized 🔓 Open 🖾 1	🗅 Unauthorized 🔓 Open 🖾 1	🗅 Authorized 🔓 Open 🖾 1	🗅 Authorized 🔓 Open 🖾 1	🗅 Authorized 🔓 Open 🖾 1	D Authorized 🔓 Open 🖾 1
Country Code: AS :	Country Code: AD :	Country Code: AO :	Country Code:		
Country Name AMERICAN SAMOA SO Numeric AS	Country Name ANDORRA ISO Numeric AD	Country Name ANGOLA ISO Numeric AO	Country Name ANGUILLA ISO Numeric Al		
🕻 Authorized 🔒 Open 🖾 1	🗅 Authorized 🔒 Open 🖉 1	🗘 Authorized 🔒 Open 🖾 1	🕃 Authorized 🔒 Open 🖄 1		

Figure 1-19 View Country Code

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

Table 1-19 View Country Code – Field Description

Field	Description									
Country Code	Displays the code of the country.									
ISO Numeric Code	Displays the ISO numeric code details of the country code.									
Authorization Status	Displays the authorization status of the record. The options are: • Authorized • Rejected • Unauthorized									
Record Status	Displays the status of the record. The options are: • Open • Closed									
Modification Number	Displays the number of modification performed on the record.									

1.9 Currency Definition

This topic describes the information to define the currency using Currency Definition maintenance.

The user can define the attributes of the currencies in which the bank can deal. For each currency, you can define the attributes such as the SWIFT code for the currency, the country to which the currency belongs, the interest method, the spot days, the settlement days, and so on.

Currencies can be maintained only at the Head Office. The list of currencies is available to the branches based on the currencies defined for the country linked to the branch.

This topic contains the following subtopics:

- Create Currency Definition
 This topic describes the systematic instructions to define currency.
- View Currency Definition This topic describes the systematic instructions to view a list of the defined currency.



1.9.1 Create Currency Definition

This topic describes the systematic instructions to define currency.

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

- 1. On Home screen, click Core Maintenance. Under Core Maintenance, click Currency Definition.
- 2. Under Currency Definition, click Create Currency Definition.

The Create Currency Definition screen displays.

Create Currency Definition				::×
Currency Code	Maintenance Country			
Currency Henne Currency Country Currency Country Currency Country Currency Exchange Herting Days Currency Talemace Lanit	Alternate Coursery Code Currency Decimals Currency Decimals Currency Decimals Currency Message Days Currency Decimals Engineed En	Currency Fige Currency lotterest Methad Safest an option Postson G. Currencedity Code	50 Numerical Currency Code	
Cut Off Time				
Curl of Days	Cut Off Hour	Cur Off Man	CLS Currency	
Rounding Currency Round Rate Select an option Resume	Currency Round Unit			
Currency Format Mask				
Currency Format Mask:				
Euro Type				
Currency Euro Type O EURO Currency O Na Currency O Quic Currency EURO Closed				
Auto Exchange Rate				
Credit Auto Exchange Rate Limit	Debit Auto Exchange Rate Limit			
Currency Country Mapping				
				•••
Country code	Country N	lame	Currency Code	
No data to display. Page 1 (0 of 0 items) I< ∢ [] → >I				

Figure 1-20 Create Currency Definition

3. Specify the fields on Create Currency Definition screen.

Note:

The fields marked as **Required** are mandatory.



Field	Description										
Currency Code	Specify the currency code.										
Maintenance Country	Click Search and select the required maintenance country.										
Currency Name	Specify the name of the currency.										
Alternate Currency Code	Specify the code of the alternate currency.										
Currency Type	Specify the currency type.										
ISO Numerical Currency Code	Specify the International Standardization Organization numerical currency code.										
Currency Country	Click Search icon to view and select the required currency country.										
Currency Decimals	Specify the currency decimals.										
Currency Interest Method	Select the currency interest method from the drop-down list.										
Currency Spot Days	Specify the number of spot working days applicable for the currency.										
Foreign Exchange Netting Days	Specify the number of days for the foreign exchange netting.										
Settlement Message Days	Select the settlement message days.										
Position GL	Click Search icon to view and select the required position GL.										
Position Equivalent GL	Search and select the required position equivalent GL.										
Currency Tolerance Limit	Specify the currency tolerance limit.										
Index Base Currency	Click Search icon to view and select the required index base currency.										
Commodity Code	By default, this is disabled. If selected, enables a commodity code.										
Cut Off Days	Specify the cut off days for the payment transaction involving the currency.										
Cut Off Hour	Specify the hour of the day for the cut off.										
Cut Off Min	Specify the minute of the hour for the cut off.										
CLS Currency	By default, this is disabled. If selected, allow customers of the bank to settle their FX deals via the CLS (Continuous Linked Settlements) Bank, you can identify the currency to be a CLS Currency. FX deals in the CLS currency is only eligible to be routed through the CLS bank.										
Generate 103+	By default, this is disabled. If selected, generate outgoing MT 103 messages in the MT 103 + format.										
Index Flag	By default, this is disabled. If selected, derives index rate of the currency.										
Euro Conversion Required	By default, this is disabled. If selected, indicates the Euro conversion is required.										
New Cover Message Format Required	By default, this is disabled. If selected, indicates a new cover message format is required.										
Validate Tag-50F	By default, this is disabled. If selected, indicates validations must be performed for the 50F details captured for the ordering customer during contract input.										
Currency Round Rule	Select the currency round rule from the drop-down list.										
Currency Round Unit	Specify the currency round unit.										
Currency Format Mask	Select one of the currency format.										

Table 1-20 Create Currency Definition – Field Description



Field	Description
Currency Euro Type	Select one of the currency Euro type. The available options are: • EURO Currency • In Currency • Out Currency • EUTO Closed
Credit Auto Exchange Rate Limit	Specify the credit automatic exchange rate limit.
Debit Auto Exchange Rate Limit	Specify the debit automatic exchange rate limit.
Country Code	Click Search icon to view and select the required country code.
Country Name	Specify the name of the country.
Currency Code	Click Search icon to view and select the required currency code.

Table 1-20 (Cont.) Create Currency Definition – Field Description

Cut Off Time: It refers to the time by which all transactions involving a currency should be generated. For a currency, the user can indicate the cut-off hour and minute. This time should be expressed in the local time of the bank.

The maintenance of a cut-off time for a currency has particular reference to outgoing funds transfers involving it.

For example, the value date of a funds transfer transaction (incoming payment) involving USD, is 3rd June 2018. The number of cut-off days specified for the currency is 2. This means that the payment must be received on or before 1st June 2018. If the payment is received on 1st June, it must be received before the cut-off time specified for USD.

If the USD cut-off time is 12:00 hrs, if the payment is received on 1st June 2018, it must be received before 12:00 hrs.

4. Click Save to save the details.

The Currency definition is successfully created and can be viewed using the View Currency Definition screen.

1.9.2 View Currency Definition

This topic describes the systematic instructions to view a list of the defined currency.

The user can configure currency definition using Create Currency Definition screen.

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

- 1. On Home screen, click Core Maintenance. Under Core Maintenance, click Currency Definition.
- 2. Under Currency Definition, click View Currency Definition.

The View Currency Definition screen displays.



Figure 1-21 View Currency Definition

+ 0					E
Currency Code: DKK :	Currency Code: LKR	Currency Code: MAD	Currency Code: ZAR :	Currency Code: ZMK	Currency Code: KWD
Currency Name Dantsh Krone Country DK Maintenance GB	Currency Name Sri Lanka Rupee Country LK Maintenance GB	Currency Name Moroccan Dirham Country MA Maintenance GB	Currency Name South African Rand Country ZA Maintenance GB	Currency Name Zambian Kwacha Country ZM Maintenance GB	Currency Name Kuwaiti Dinar Country KW Maintenance GB
Authorized 🔒 Open 🖾 1	🗅 Authorized 🔓 Open 🖄 1	🗅 Authorized 🔒 Open 🖾 1	D Authorized 🔓 Open 🖾 1	D Authorized 🔒 Open 🖾 1	🖸 Authorized 🗄 Open 🖾 2
urrency Code: MRT :	Currency Code: MXN	Currency Code: MYR	Currency Code: NZD		
urrency Name Malaysian Ringitt ountry MY faintenance GB	Currency Name Mexican Peso Country MX Maintenance GB	Currency Name Malaysian Ringgit Country MY Maintenance GB	Currency Name New Zealand Dollar Country NZ Maintenance GB		
Authorized 🔓 Open 🖄 1	D Authorized 🔓 Open 🖾 1	D Authorized	DAuthorized 🔓 Open 🖄 1		

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

Field	Description								
Currency Code	Displays the code of the currency.								
Currency Name	Displays the name of the currency.								
Alternate Currency Code	Displays the code of the alternate currency.								
Country	Displays the country associated with the currency.								
Maintenance Country	Displays the maintenance country.								
Authorization Status	Displays the authorization status of the record. The options are: • Authorized • Rejected • Unauthorized								
Record Status	Displays the status of the record. The options are: • Open • Closed								
Modification Number	Displays the number of modification performed on the record.								

 Table 1-21
 View Currency Definition – Field Description

1.10 Currency Exchange Rate

This topic describes the information to configure a Currency Exchange Rate.

The user can maintain exchange rates for a currency pair, the rates at which the user buy and sell one currency for another. A bank determines its buy and sell rate for a currency pair by applying a spread (that is, its profit margin) to the mid-rate of the currency pair. Mid-rate is the basic rate at which a currency pair is exchanged.

The spread applied for a currency pair varies with the transaction type, while the mid-rate usually remains constant. Consequently, different rates are applicable to different transaction types. For instance dollars in currency are purchased at a certain rate, while USD traveler's checks are bought at a different rate. The user can define a rate type which you would like to associate with a transaction type. For example: CASH, TRAVCHKS, and so on.

The user can define the mid-rate, buy, and sell spread applicable to each rate type; the buy and sell exchange rates are computed by the system. Buy rates and sell rates can either be maintained by individual branches or can be input by the HO and propagated to all the branches.



If the branch for which the rate is being uploaded or maintained is the head office branch, then the rate would be copied to all those branches that have the same country code as the head office branch.

If the branch for which the rate is being uploaded or maintained is not the head office branch, but it has the same country code as the head office branch, then the rate being uploaded or maintained would be specific to the branch and would not be copied to any other branch.

If the branch for which the rate is being uploaded or maintained is not the head office branch and also does not have the same country code as the head office branch, then the rate being maintained would be copied to all the branches that has the same country code linked as the branch for which the rate is being maintained or uploaded.

This topic contains the following subtopics:

- Create Currency Exchange Rate
 This topic describes the systematic instructions to configure a currency exchange rate.
- View Currency Exchange Rate This topic describes the systematic instructions to view the list of configured currency exchange rates.

1.10.1 Create Currency Exchange Rate

This topic describes the systematic instructions to configure a currency exchange rate.

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

- 1. On Home screen, click Core Maintenance. Under Core Maintenance, click Currency Exchange Rate.
- 2. Under Currency Exchange Rate, click Create Currency Exchange Rate.

The Create Currency Exchange Rate screen displays.

Figure 1-22 Create Currency Exchange Rate

Create Cur	rency Exchange Rate							;; ×						
ranch code	Q Required		Currency1	Q. Required		Currency2								
Currency Rat	e													
								+ .						
0	Rate Type	Buy Rate	Buy Spread	Mid Rate	Sale Spread	Sale Rate	Rate Date							
No data to dis Page 1 (I	olay. 0 of 0 items) < + 1 > >	I												
							Cance	Sam						

3. Specify the fields on Create Currency Exchange Rate screen.





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

Field	Description
Branch Code	Click Search icon to view and select the required branch code.
Currency 1	Click Search icon to view and select the required currency.
Currency 2	Displays the currency 2 based on selected Currecny1 .
Currency Rule	Specify the currency rule details.
Rate Type	Select a rate type from the drop-down list.
Buy Rate	Displays the Buy Rate for the Currency Exchange. Buy Rate is calculated based on Spread Definition maintained in the Currency Pair Maintenance screen. The effective spread is calculated using any of the following two methods:
	 a. Percentage: If the Spread Definition is selected as Percentage, then the buy rate is calculated as below:
	Buy Rate = Mid Rate-Buy Spread%
	Buy Spread% = Mid Rate*Buy Spread/100
	For example, 50*5/100 is 2.5 which is Buy Spread. Now Buy Rate will be 50-2.5 which is 47.5.
	 b. Points If you select Spread Definition as Points then the buy rate is calculated as below: Buy Rate = Mid Rate-Buy Spread For example, if Buy Spread is 5, then Buy Rate is 50-5 = 45
Buy Spread	Specify the huy spread details
Mid Rate	Specify the mid-rate details
Sale Spread	Specify the sale spread details
Sale Rate	Displays the Sale Rate for the Currency Exchange. Sale Rate is calculated based on Spread Definition maintained in the Currency Pair Maintenance screen. The effective spread is calculated using any of the following two methods:
	 a. Percentage If the Spread Definition is selected as Percentage, then the sale rate is calculated as below: Sale Rate = Mid Rate+Sale Spread% Sale Spread% = Mid Rate*Sale Spread/100 For example, 50*5/100 is 2.5 which is Sale Spread. Now Sale Rate will be 50+2.5 which is 52.5. b. Points If you select Spread Definition as Points then the sale rate is calculated as below: Sale Rate = Mid Rate+Sale Spread For example, if Sale Spread is 5 then Sale Rate is 50+5 = 55.
Rate Date	Select a rate date from the drop-down calendar
	concert a faite date from the drop down balendar.

Table 1-22 Create Currency Exchange Rate – Field Description

4. Click **Save** to save the details.

The currency exchange rate is successfully created and can be viewed using the View Currency Exchange Rate screen.

1.10.2 View Currency Exchange Rate

This topic describes the systematic instructions to view the list of configured currency exchange rates.

The user can configure currency exchange rate using Create Currency Exchange Rate screen.

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

- 1. On Home screen, click Core Maintenance. Under Core Maintenance, click Currency Exchange Rate.
- 2. Under Currency Exchange Rate, click View Currency Exchange Rate.

The View Currency Exchange Rate screen displays.

2 + 0					I
Branch code: ST1	Branch code: ST3	Branch code: 006	Branch code: 063	Branch code: ST2	Branch code: ST2 :
Currency1 USD Currency2 GBP	Currency1 INR Currency2 USD				
D Authorized 🔓 Open 🖉	1 D Authorized 🔓 Open 🖾 1	D Authorized 🔓 Open 🖾 2	🗅 Authorized 🔓 Open 🖾 1	D Authorized 🔓 Open 🖾 1	D Authorized 🔓 Open 🖾 1
Branch code: 555	Branch code: 006	Branch code: 006	Branch code: ST1 :		
Currency1 INP Currency2 USD	Currency1 GBP Currency2 USD	Currency1 GBP Currency2 EUR	Currency1 GBP Currency2 USD		
D Authorized 🔓 Open 🗹	I D Authorized 🔓 Open 🖾 2	🗅 Authorized 🔓 Open 🖾 1	🗈 Authorized 🔓 Open 🖾 1		

Figure 1-23 View Currency Exchange Rate

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

 Table 1-23
 View Currency Exchange Rate – Field Description

Field	Description
Branch Code	Displays the code of the branch.
Currency 1-2	Displays the currency associated with the branch code.
Authorization Status	Displays the authorization status of the record. The options are: • Authorized • Rejected • Unauthorized
Record Status	Displays the status of the record. The options are: • Open • Closed
Modification Number	Displays the number of modification performed on the record.

1.11 Currency Holiday Master

This topic describes the information to configure a Currency Holiday.



The user can configure a yearly list of holidays, for the currencies, defined in the currency screen. The system uses the information maintained to check if any settlement involving a foreign currency (in the foreign Exchange, Money market, and Funds Transfer, Loans, and Deposit modules) falls on that currency holiday. If yes, the system displays a message stating and ask the user for an override.

For any schedule or contract maturing at a future date is five years. Hence, the user can input the future date, only if the calendar for that year is maintained. The currency holiday is maintained at the bank level by the Head Office.

This topic contains the following subtopics:

- Create Currency Holiday Master This topic describes the systematic instructions to configure a currency holiday.
- View Currency Holiday Master This topic describes the systematic instructions to view the list of configured currency holiday.

1.11.1 Create Currency Holiday Master

This topic describes the systematic instructions to configure a currency holiday.

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

- 1. On Home screen, click Core Maintenance. Under Core Maintenance, click Currency Holiday Master.
- 2. Under Currency Holiday Master, click Create Currency Holiday Master.

The Create Currency Holiday Master screen displays.

ency	r									1	fear *										Wee	kly Holte	lays																		
					Q. Requires										Requ	lired																									
June 2023 July 2023 August 2023												Septe	ember	2023			October 2023								November 2023																
	м	т	и	т	F	s	s	м	т	w	т	F	s	s	м	т	- w	т	F	s	s	м	т	w	т	F	s	s	м	т	w	т	F	s	s	м	т	w	т	F	ş
				1	2	3							1			1	2	3	4	5						1	2	1	2	3	4	5	ó	7				1	2	3	4
	5	6	7	8	9	10	2	3	4	5	6	7	8	6	7	8	9	10	11	12	3	4	5	6	7	8	9	8	9	10	11	12	13	14	5	6	7	8	9	10	T
	17	12	14		16	17		10	11	12	12	14	15	12	14	15	16	17	10	10	10	11	17	12	14	15	16	15	16	17	10	10	20	71	17	12	14	15	16	17	
				U	10					14							10		10		10						10		10		10		20	-					10		
	19	20	21	22	23	24	16	17	18	19	20	21	22	20	21	22	23	24	25	26	17	18	19	20	21	22	23	22	23	24	25	26	27	28	19	20	21	22	23	24	2
	26	27	28	29	30		23	24	25	26	27	28	29	27	28	29	30	31			24	25	26	27	28	29	30	29	30	31					26	27	28	29	30		
							30	31																																	
		м	larch 2	024					А	pril 20	24							May 2	024	>																					
	м	т	н	т	F	s	s	м	т		т	F	s	s	м	т	w	Ť	F	s																					
					1	2		1	2	3	4	5	6				1	2	3	4																					
	4	5	ó	7	8	9	7	8	9	10	11	12	13	5	6	7	8	9	10	11																					
	11	12	13	14	15	16	14	15	16	17	18	19	20	12	13	14	15	16	17	18																					
	18	10	20	21	22	23	21	22	25	74	25	26	27	10	20	21	22	23	24	25																					
	25	26	27	28	29	50	28	29	50					26	21	28	29	50	51																						

Figure 1-24 Create Currency Holiday Master

3. Specify the fields on Create Currency Holiday Master screen.

Note:

The fields marked as **Required** are mandatory.

Field	Description
Currency	Click Search icon to view and select the required currency.
Year	Specify the year details.
Weekly Holidays	By default, this is disabled. If selected, indicates the weekly holidays.

Table 1-24 Create Currency Holiday Master – Field Description

4. Select the dates using the calendar.



5. Click Save to save the details.

The currency holiday master is successfully created and can be viewed using the View Currency Holiday Master screen.

1.11.2 View Currency Holiday Master

This topic describes the systematic instructions to view the list of configured currency holiday.

The user can configure currency holiday master using Create Currency Holiday Master screen.

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

- 1. On Home screen, click Core Maintenance. Under Core Maintenance, click Currency Holiday Master.
- 2. Under Currency Holiday Master, click View Currency Holiday Master.

The View Currency Holiday Master screen displays.

Figure 1-25 View Currency Holiday Master

+0					
Currency: CAD :	Currency: JPY :	Currency: BHD	Currency: KWD	Currency: USD	Currency: KWD
Weekly Holidays- Year 2014	Weekly Holidays- Year 2014	Weekly Holidays- Year 2015	Weekly Holidays- Year 2016	Weekly Holidays- Year 2017	Weekly Holidays- Year 2018
🗅 Authorized 🔓 Open 🖾 1	D Authorized 🔓 Open 🖾 1				
Eurrency:	Currency: USD :	Currency: USD :	Currency: GBP :		
Veekly Holidays- fear 2020	Weekly Holidays- Year 2020	Weekly Holidays- Year 2022	Weekly Holidays- Year 2027		
🗈 Authorized 🔒 Open 🖾 1	🗅 Authorized 🔓 Open 🖄 1	D Authorized 🔓 Open 🖾 1	D Authorized 🔓 Open 🖾 1		

Table 1-25 View Currency Holiday Master – Field Description

Field	Description
Currency Rate Type	Displays the currency details.



Field	Description
Weekly Holidays	Displays the weekly holidays associated with the currency.
Authorization Status	Displays the authorization status of the record. The options are: • Authorized • Rejected • Unauthorized
Record Status	Displays the status of the record. The options are: • Open • Closed
Modification Number	Displays the number of modification performed on the record.

Table 1-25 (Cont.) View Currency Holiday Master – Field Description

1.12 Currency Pair Definition

This topic describes the information to define a Currency Pair.

In the foreign exchange markets, the exchange rates for some currency pairs such as the USD-GBP or USD-JPY are easily obtainable, since these are frequently traded. The exchange rates of other currencies such as the ZAR-INR (South African Rand - Indian Rupee), which is not traded very often, are determined through a third currency. The third currency is usually the US dollar since the US dollar is quoted in all trading centers.

The user can define the static attributes of currency pairs for which a regular market quote is readily available. For other pairs, which do not have a regular market quote, you need to specify the third currency through which the system should compute the exchange rate. The currency pair is maintained at the bank level by the Head Office branch.

This topic contains the following subtopics:

- Create Currency Pair Definition
 This topic describes the systematic instructions to define currency pair.
- View Currency Pair Definition
 This topic describes the systematic instructions to view the list of define a currency pair.

1.12.1 Create Currency Pair Definition

This topic describes the systematic instructions to define currency pair.

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

- 1. On Home screen, click Core Maintenance. Under Core Maintenance, click Currency Pair Definition.
- 2. Under Currency Pair Definition, click Create Currency Pair Definition.

The Create Currency Pair Definition screen displays.



urrency 1	Currency 2		Maintenance Country	
Q		Q	Q	
heckthrough Currency	Through Currency	Number of Units One OHundred OThousand	Points Multiplier	
uotation) Direct	Spread Definition			
) Indirect equired	O Points Resurred			

Figure 1-26 Create Currency Pair Definition

3. Specify the fields on **Create Currency Pair Definition** screen.



Table 1-26	Create Currency Pair Definition – Field Description
------------	--

Field	Description
Currency 1-2	Click Search icon to view and select the required currency. A currency pair (specified as currency 1 and currency 2, in the currency pair) represents the two currencies for which the user need to maintain exchange rates.
	To specify the pair, choose from the list provided against Currency 1. Select the pair for which you want to maintain parameters. The pair must be selected according to the quotation method followed by the market, which can be direct or indirect. Exchange rates can be defined for currency 1 against currency 2 or currency 2 against currency 1.
Maintenance Country	Click Search icon to view and select the required maintenance country.
Check through Currency	By default, this is disabled. If selected, it indicates a check through currency.
Through Currency	Click Search icon to view and select the required through currency for which the exchange rate between the currencies must be calculated.
Number of Units	Select one of the number of units. The available options are below: • One • Hundred • Thousand
Points Multiplier	Specify the points multiplier.



Field	Description
Quotation	 Select one of the required quotation: Direct: The exchange rate for the currency pair is quoted as follows: Buy rate = mid rate - buy spread Sell rate = mid rate + sell spread Ccy 1 = Rate x Ccy 2 Indirect: The exchange rate for the currency pair is quoted as follows: Buy rate = mid rate + buy spread Sell rate = mid rate + buy spread Sell rate = mid rate - sell spread Ccy 2 = Rate x Ccy 1
Spread Definition	 Select the required spread definition. The effective spread can be calculated using any of the following two methods: Percentage: Spread/100 x mid rate Points: Spread x points multiplier The method of Spread Definition that user specify applies to two instances: While maintaining exchange rates for the currency pair. While maintaining customer spread for the currency pair.

Table 1-26 (Cont.) Create Currency Pair Definition – Field Description

4. Click **Save** to save the details.

The currency pair definition is successfully created and can be viewed using the View Currency Pair Definition screen.

1.12.2 View Currency Pair Definition

This topic describes the systematic instructions to view the list of define a currency pair.

The user can configure currency pair definition using Create Currency Pair Definition screen.

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

- 1. On Home screen, click Core Maintenance. Under Core Maintenance, click Currency Pair Definition.
- 2. Under Currency Pair Definition, click View Currency Pair Definition.

The View Currency Pair Definition screen displays.

+ 0				
Mintenance Country:	Maintenance Country:	Maintenance Country:	Maintenance Country:	
GB	GB	GB	GB	
lumber of 2	Number of	Number of	Number of	
Currency 1 INP	Currency 1 INR	Currency 1 GBP	Currency 1 USD	
Currency 2 USD	Currency 2 USD	Currency 2 EUR	Currency 2 GBP	
DAuthorized 🔓 Open 🖉	D Authorized 🔓 Open 🖾 1	D Authorized 🔓 Open 🖾 1	D Authorized 🔓 Open 🖾 2	

Figure 1-27 View Currency Pair Definition



Field	Description
Maintenance Country	Displays the maintenance country details.
Number of Units	Displays the number of units.
Currency 1-2	Displays the currency associated with the country.
Authorization Status	Displays the authorization status of the record. The options are: • Authorized • Rejected • Unauthorized
Record Status	Displays the status of the record. The options are: • Open • Closed
Modification Number	Displays the number of modification performed on the record.

Table 1-27 View Currency Pair Definition – Field Description

1.13 Currency Rate Type

This topic describes the information to configure a Currency Rate.

This topic contains the following subtopics:

- Create Currency Rate Type This topic describes the systematic instructions to configure currency rate type.
- View Currency Rate Type This topic describes the systematic instructions to view the list of configured currency rate type.

1.13.1 Create Currency Rate Type

This topic describes the systematic instructions to configure currency rate type.

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

- 1. On Home screen, click Core Maintenance. Under Core Maintenance, click Currency Rate Type.
- 2. Under Currency Rate Type, click Create Currency Rate Type.

The Create Currency Rate Type screen displays.



Figure 1-28 Create Currency Rate Type

Create Currency Rate Type	:: ×
Currency Read Type	
Corrency Rate Type Description	
	Cancel Save

3. Specify the fields on **Create Currency Rate Type** screen.



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

Table 1-28	Create Currency Rate Type – Field Description
------------	---

Field	Description
Currency Rate Type	Specify the currency rate type.
Currency Rate Type Description	Specify additional information about the currency rate type.

4. Click Save to save the details.

The currency rate type is successfully created and can be viewed using the View Currency Rate Type screen.

1.13.2 View Currency Rate Type

This topic describes the systematic instructions to view the list of configured currency rate type.

The user can configure currency rate type using Create Currency Rate Type screen.

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

- 1. On Home screen, click Core Maintenance. Under Core Maintenance, click Currency Rate Type.
- 2. Under Currency Rate Type, click View Currency Rate Type.

The View Currency Rate Type screen displays.

Figure 1-29 View Currency Rate Type

View Currency Rate Typ	эe		
Q + 0			
Currency Rate Type: BILLS	:	Currency Rate Type: STANDARD	
Description Bill Rate		Description Standard Rate Types	
D Authorized A Open	1	CAuthorized & Open 21	

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

 Table 1-29
 View Currency Rate Type – Field Description

Field	Description
Currency Rate Type	Displays the currency rate type.
Authorization Status	Displays the authorization status of the record. The options are: • Authorized • Rejected • Unauthorized
Record Status	Displays the status of the record. The options are: • Open • Closed
Modification Number	Displays the number of modification performed on the record.

1.14 Customer Access Group

This topic describes the information to configure the customer access group.

This topic contains the following subtopics:

- Create Customer Access Group
 This topic describes the systematic instructions to configure a customer access group.
- View Customer Access Group This topic describes the systematic instructions to view the list of configured customer access group.

1.14.1 Create Customer Access Group

This topic describes the systematic instructions to configure a customer access group.

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

- 1. On Home screen, click Core Maintenance. Under Core Maintenance, click Customer Access Group.
- 2. Under Customer Access Group, click Create Customer Access Group.

The Create Customer Access Group screen displays.

reate Customer Access Group		Errors & Overrides
ccess Group	Access Group Description	
Benuinet		

Figure 1-30 Create Customer Access Group

3. Specify the fields on Create Customer Access Group screen.



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

Table 1-30 Create Customer Access Group – Field Description

Field	Description
Access Code	Specify the access group.
Access Code Description	Specify the additional information about the access group.

4. Click **Save** to save the details.

The customer access group is successfully created and can be viewed using the View Customer Access Group screen.

Note:

Customer Access Group can be linked at the user level to restrict unauthorized access to Customer details. Refer **Oracle Banking Security Management System User Guide** for more details.

1.14.2 View Customer Access Group

This topic describes the systematic instructions to view the list of configured customer access group.

The user can configure customer access group using **Create Customer Access Group** screen.



- 1. On Home screen, click Core Maintenance. Under Core Maintenance, click Customer Access Group.
- 2. Under Customer Access Group, click View Customer Access Group.

The View Customer Access Group screen displays.

 View Customer Access Group

 ⁽¹⁾ ×

 Q

 ⁽¹⁾ ×
 ⁽¹⁾ ×

Figure 1-31 View Customer Access Group

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

Field	Description
Access Group	Displays the access group.
Access Group Description	Displays the additional information about the customer access group.
Authorization Status	Displays the authorization status of the access group. The options are: • Authorized • Rejected • Unauthorized
Record Status	Displays the record status of the access group. The options are: • Open • Closed
Modification Number	Displays the number of modification performed on the record.

Table 1-31 View Customer Access Group – Field Description

1.15 Customer Category

This topic describes the information to configure a Customer Category

This topic contains the following subtopics:

- Create Customer Category This topic describes the systematic instructions to configure a customer category.
- View Customer Category
 This topic describes the systematic instructions to view the list of configured customer category.

1.15.1 Create Customer Category

This topic describes the systematic instructions to configure a customer category.

- 1. From Home screen, click Core Maintenance. Under Core Maintenance, click Customer Category.
- 2. Under Customer Category, click Create Customer Category.

The Create Customer Category screen displays.

Customer Category				
Required				
ustomer Category Description	Populate Changes			
anana tanga jeru pen				

Figure 1-32 Create Customer Category

3. Specify the fields on **Create Customer Category** screen.



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

 Table 1-32
 Create Customer Category – Field Description

Field	Description
Customer Category	Specify the customer category.
Customer Category Description	Specify the additional information about the customer category.
Populate Changes	By default, this is disabled. If selected, displays the changes.

4. Click Save to save the details.

The customer category is successfully created and can be viewed using the View Customer Category screen.

1.15.2 View Customer Category

This topic describes the systematic instructions to view the list of configured customer category.

The user can configure customer category using Create Customer Category screen.

- 1. From Home screen, click Core Maintenance. Under Core Maintenance, click Customer Category.
- 2. Under Customer Category, click View Customer Category.

The View Customer Category screen displays.

+ 0					
Customer Category: 247 :	Customer Category: 000040	Customer Category: ABC	Customer Category: TEST	Customer Category: CORP	Customer Category: BRONZE
Description -	Description INDIVIDUAL 1	Description -	Description -	Description Corp Category	Description CUSTOMER MAINTAL
🗅 Unauthorized 🔓 Open 🖾 1	D Authorized 🔓 Open 🖾 1	🗋 Unauthorized 🔓 Open 🖾 1	🗅 Unauthorized 🔓 Open 🖾 1	D Authorized 🔓 Open 🖾 1	D Authorized 🔓 Open 🖾 1
Customer Category: INDIAN	Customer Category: POST				
Description -	Description -				
🗅 Unauthorized 🔓 Open 🖾 1	🗅 Unauthorized 🔓 Open 🖾 1				

Figure 1-33 View Customer Category

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

Table 1-33	View Customer Category	 Field Description
------------	------------------------	---------------------------------------

Field	Description
Customer Category	Displays the customer category.
Authorization Status	Displays the authorization status of the report. The options are: • Authorized • Rejected • Unauthorized
Record Status	Displays the record status of the report. The options are: • Open • Closed
Modification Number	Displays the number of modification performed on the record.

1.16 Data Segment

This topic describes the information to configure an Data Segment.

This topic contains the following subtopics:

- Create Data Segment This topic describes the systematic instructions to configure the data segment.
- View Data Segment This topic describes the systematic instructions to view the list of configured data segment.

1.16.1 Create Data Segment

This topic describes the systematic instructions to configure the data segment.

- 1. On Home screen, click Core Maintenance. Under Core Maintenance, click Data Segment.
- 2. Under Data Segment, click Create Data Segment.

The Create Data Segment screen displays.



Figure 1-34 Create Data Segment

3. Specify the fields on **Create Data Segment** screen.



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

 Table 1-34
 Create Data Segment – Field Description

Field	Description
Data Segment Name	Specify the data segment name to be maintained.
Data Segment Code	Specify the data segment code to be used.
Domain	Click Search icon and select the domain from the list.
Sub-Domain	Specify the sub domain details.
Purpose	Specify the purpose details.

4. Click **Save** to save the details.

The data segment is successfully created and can be viewed using the View Data Segment screen.

5. Click **Cancel** to discard the changes and close the screen.

1.16.2 View Data Segment

This topic describes the systematic instructions to view the list of configured data segment.

The user can configure an data segment using **Create Data Segment** screen.



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

- 1. On Home screen, click Core Maintenance. Under Core Maintenance, click Data Segment.
- 2. Under Data Segment, click View Data Segment.

The View Data Segment screen displays.

Figure 1-35 View Data Segment

View Data S	egment				
Q + Q					
Datasegment Name Customer Act	: cess Group S	. :	Datasegment Name Customer Act	: cess Group	:
Datasegment f	sgbu-ob-core-sm		Datasegment f	sgbu-ob-core-	-mn
D Authorized	🗄 Open	21	D Authorized	🗄 Open	[2]1
Datasegnerit	읍 Open	21	D Authorized	E Open	₽1
e 1		of 1	1 - 2 of 2 items)	< ∢ 1	► >

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

Field	Description
Datasegment Name	Displays the name of the datasegment.
Datasegment Code	Displays the code of the datasegment.
Authorization Status	Displays the authorization status of the record. The options are: • Authorized • Rejected • Unauthorized
Record Status	Displays the status of the record. The options are: • Open • Closed
Modification Number	Displays the number of modification performed on the record.

Table 1-35 View Data Segment – Field Description

1.17 ECA System

Other accounting systems maintain the External Credit Approval (ECA) process. For example, Oracle Banking FLEXCUBE or the virtual account system Oracle Banking Virtual Account Management. This maintenance enables the routing of transactions to the appropriate accounting system.

This topic contains the following subtopics:

- Create ECA System
 This topic describes the systematic instructions to configure ECA system details.
- View ECA System This topic describes the systematic instructions to view the list of configured ECA system.



1.17.1 Create ECA System

This topic describes the systematic instructions to configure ECA system details.

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

- 1. From Home screen, click Core Maintenance. Under Core Maintenance, click ECA System.
- 2. Under ECA System, click Create ECA System.

The **Create ECA System** screen displays.



Figure 1-36 Create ECA System

3. Specify the fields on Create ECA System screen.



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

Table 1-36 Create ECA System – Field Description

Field	Description	
Source System	Source System Specify the external system being maintained.	
Description	escription Specify a short description of the external system being maintained	

4. Click **Save** to save details.

The ECA system is successfully created and can be viewed using the View ECA System screen.



1.17.2 View ECA System

This topic describes the systematic instructions to view the list of configured ECA system.

The user can configure ECA system using Create ECA System screen.

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

- 1. From Home screen, click Core Maintenance. Under Core Maintenance, click ECA System.
- 2. Under ECA System, click View ECA System.

The View ECA System screen displays.

View ECA System ::× 9 + 0 8<u>3</u> 88 ECA System OBCMS ECA System AUTO1 ECA System: AUTO3 ECA System OBPM ECA System OBVAM ECA System AUTO2 Description AUTO1 Description D Authorized 🔓 Open 1 D Authorized f Oper 図1 D Autho 図1 D Aut 図1 D Auth 図1 D Auth [2]1 ECA System: OBDDA ECA System EXTSYS ECA System FCUBS ECA System AUTO4 : EXTSYS Descr FCUBS 🗅 Authorized 🛛 🔓 Open 1 D Authorized 1 D Authorized & Oper 🔓 Open 2 D Authorized £ op 図1 of 2 (1 - 10 of 11 items) IC + 1 2 + >I Page 1

Figure 1-37 View ECA System

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

Table 1-37 View ECA System – Field Description

Field	Description	
ECA System	Specify the external system being maintained.	
Description	Specify a short description of the external system being maintained.	
Authorization Status	Displays the authorization status of the record. The options are: • Authorized • Rejected • Unauthorized	
Record Status	Displays the status of the record. The options are: • Open • Closed	
Modification Number	Displays the number of modification performed on the record.	

1.18 External Bank Parameters

This topic describes the information to configure bank level parameters.

This topic contains the following subtopics:

Create External Bank Parameters
 This topic describes the systematic instructions to configure external bank parameters.

View External Bank Parameters

This topic describes the systematic instructions to view the list of configured external bank parameters.

1.18.1 Create External Bank Parameters

This topic describes the systematic instructions to configure external bank parameters.

The Bank Code is auto-created for an entity when the entity is created.

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

- 1. From Home screen, click Core Maintenance. Under Core Maintenance, click External Bank Parameters.
- 2. Under External Bank Parameters, click Create External Bank Parameters.

The Create External Bank Parameters screen displays.

Crede External Bank Parameters

Figure 1-38 Create External Bank Parameters

3. Specify the fields on Create External Bank Parameters screen.



Table 1-38 Create External Bank Parameters – Field Description

Field	Description
Bank Code	Specify the code of the bank.
Bank Name	Specify the name of the bank.
Head Office Branch	Click Search icon to view and select the required head office branch.



Table 1-38 (Cont.) Create External Bank Parameters – Field Description

Field	Description
Branch Description	Displays the branch description based on the selected Head Office Branch .
Number of Days to Forget Customer	Specify the number of days to inactive/forget the customer.

4. Click **Save** to save the details.

The external bank parameters is successfully created and can be viewed using the View External Bank Parameters screen.

1.18.2 View External Bank Parameters

This topic describes the systematic instructions to view the list of configured external bank parameters.

The user can configure external bank parameters using Create External Bank Parameters screen.

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

- 1. From Home screen, click Core Maintenance. Under Core Maintenance, click External Bank Parameters.
- 2. Under External Bank Parameters, click View External Bank Parameters.

The View External Bank Parameters screen displays.

Figure 1-39 View External Bank Parameters

View External Bank I	< Parameters	di x
Q + Q		E 88
Head Office branch: DUB		
Bank Code 0020 Bank Name Futura Bank		
D Authorized 🔓 Open	n 🖾8	
Page 1	of1 (1-10f1mem) (< < 1) > >	

Table 1-39	View External Bank Parameters – Field Description
------------	---

Field	Description	
Head Office Branch	Displays the head office branch details.	
Maker	Displays the name of the user who has configured the bank details.	
Once Authorized	Indicates if the record is authorized once or not.	
Bank Code	Displays the code of the bank.	
Authorization Status	Displays the authorization status of the record. The options are: • Authorized • Rejected • Unauthorized	



Field	Description	
Record Status	Displays the status of the record. The options are: • Open • Closed	
Modification Number	Displays the number of modification performed on the record.	

Table 1-39 (Cont.) View External Bank Parameters – Field Description

1.19 External Branch Parameters

This topics describes the information to configure branch level parameters.

This topic contains the following subtopics:

- Create External Branch Parameters
 This topic describes the systematic instructions to configure the external branch parameters.
- View External Branch Parameters
 This topic describes the systematic instructions to view the list of configured external bank parameters.

1.19.1 Create External Branch Parameters

This topic describes the systematic instructions to configure the external branch parameters.

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

- 1. From Home screen, click Core Maintenance. Under Core Maintenance, click External Branch Parameters.
- 2. Under External Branch Parameters, click Create External Branch Parameters.

The Create External Branch Parameters screen displays.

Figure 1-40 Create External Branch Parameters

			۲ د ۱۳۰۰ - ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰
Branch Details			
Branch Code *	Branch Name *	Local Currency *	Source System
		٩	Q
Required Source Branch Code •	Regulard	Required	
Required			
Branch Address			
Address Line 1	Address Line 2	Address Line 3	
Other Details		SWIFT Address	
Host Code *	Country Code		
Q		SWIFT Default BIC	
Required		No data ta disalari	
Host Name	Walk-In Customer	No data to display.	
	٩		
Weekly Holiday 1	Weekly Holiday 2		
· ·	· · · ·		
Auto Authorization	Report DSN		
DSN Name			
		Page 1 (0 of 0 items) < ∢ 1 → >	
			Cancel Sm

3. Specify the fields on Create External Branch Parameters screen.



Note:

The fields marked as **Required** are mandatory.

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

Table 1-40	Create External Branch Parameters – Field Description

Field	Description	
Branch Code	Specify a branch code.	
Branch Name	Specify a name for the branch.	
Local Currency	Click Search icon to view and select the required local currency.	
Source System	Click Search icon to view and select the required source system.	
Source Branch Code	Specify a source branch code.	
Address Line 1-3	Specify the address details.	
Host Code	Click Search and select the required host code.	
Country Code	Displays the country code based on the selected Host Code.	
Host Name	Specify the name for the host.	
Walk-in Customer	Click Search icon to view and select the required walk-in customer.	
Weekly Holiday 1-2	Select a weekly holiday from the drop-down list.	
	Note: There are two days of weekly holiday depending on the geographical zone.	
Auto Authorization	By default, it is disabled. If selected, the record is automatically authorized.	
Report DSN	Specify the details of the report DSN.	
DSN Name	Specify the DSN name.	
SWIFT Address	Search and select the required SWIFT address.	
Default BIC	If selected, indicates the selected SWIFT address as the default BIC.	

4. Click **Save** to save the details.

The external branch parameters is successfully created and can be viewed using the View External Branch Parameters screen.

1.19.2 View External Branch Parameters

This topic describes the systematic instructions to view the list of configured external bank parameters.

The user can configure external branch parameters using Create External Branch Parameters screen.



- 1. From Home screen, click Core Maintenance. Under Core Maintenance, click External Branch Parameters.
- 2. Under External Branch Parameters, click View External Branch Parameters.

The View External Branch Parameters screen displays.

+ 0					
nch Code: O :	Brench Code: 789	Branch Code: 901	Branch Code: AU1	Branch Code: AU2	Branch Code: AU3
nch Name 700 TEST BRANCH al Currency GBP urce Branc 700	Branch Name 789 TEST BRANCH Local Currency GBP Source Branc 789	Branch Name 901 BRANCH Local Currency GBP Source Branc	Branch Name AU1 Local Currency GBP Source Branc AU1	Branch Name AU2 Local Currency GBP Source Branc AU2	Branch Name AU3 Local Currency GBP Source Branc AU3
Authorized 🔓 Open 🖄 1	D Authorized 🔓 Open 🖄 1	DAuthorized 🔓 Open 🖾 1	D Authorized 🔓 Open 🖾 2	D Authorized 🔓 Open 🖾 1	D Authorized 🔒 Open 🖾 1
nch Code: 14 :	Branch Code: AU5	Branch Code: AU6	Branch Code: AU7 :		
nch Name AU4 al Currency GBP rce Branc AU4	Branch Name AUS Local Currency GBP Source Branc AUS	Branch Name AU6 Local Currency GBP Source Branc AU6	Branch Name AU7 Local Currency GBP Source Branc AU7		
kuthorized 🔓 Open 🖄 1	CAuthorized & Open	CAuthorized & Open	DAuthorized Dopen 21		

Figure 1-41 View External Branch Parameters

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

Field	Description			
Branch Code	Displays the code of the bank.			
Branch Name	Displays the name of the bank.			
Local Currency	Displays the local currency details.			
Source Branch Code	Displays the code of the source branch.			
Authorization Status	Displays the authorization status of the record. The options are: • Authorized • Rejected • Unauthorized			
Record Status	Displays the status of the record. The options are: • Open • Closed			
Modification Number	Displays the number of modification performed on the record.			

Note:

The Branch Parameters for the Head Office (HO) Branch of the entity gets autocreated when the entity is defined in the Multi-Entity Maintenance. Further changes/configuration of the HO Branch can be performed by modifying the record for the HO Branch's Parameters.

1.20 External Chart of Accounts

This topic describes the information to configure an external chart of accounts.



External Chart of accounts is a system that is used for maintaining General Ledgers (GL). It also processes accounting transactions from other product processors and processes each transactions by validating inter-branch transactions and unbalanced transaction. It can be integrated with enterprise GL system and handoff the processed transactions.

This topic contains the following subtopics:

Create External Chart of Accounts

This topic describes the systematic instructions to create and maintain external chart of accounts.

View External Chart of Accounts

This topic describes the systematic instructions to view the list of configured external chart of accounts.

- View Transaction Log This topic is used to view all the transaction entries posted by product processor. User can filter the transaction based on multiple filter criteria. This topic describes the systematic instructions to view all the transaction.
- Transaction Log Error Detail

This topic is used to view the reason of failure for the particular transaction. Each failure can be filtered based on multiple filters available.

Unbalanced Transaction Log

This topis is used to view all the unbalanced transactions. The transactions for which Credit/ Debit Amount is not posted to preGL will be considered as Unbalanced Transaction.

Inter Branch Entry Retry

This topic allows user to view failed inter branch entry and initiate retry. This topic keeps track of all inter-branch transactions which got failed due to missing inter-branch parameters. Once the missing inter-branch parameters is added. User can retry the failed transaction

• Pre GL Balance Check

This topic is used to check the balance amount between real and contingent amount for specific branch.

Chart of Accounts Handoff

This maintenance screen allows user to initiate the handoff job which will handover all transactions to external system and view the status.

1.20.1 Create External Chart of Accounts

This topic describes the systematic instructions to create and maintain external chart of accounts.

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

- 1. From Home screen, click Core Maintenance. Under Core Maintenance, click External Chart of Accounts.
- 2. Under External Chart of Accounts, click Create External Chart of Accounts.

The Create External Chart of Accounts screen displays.
Seneral Ledger Code	Accounts		11
Required	Source System	Source System GL Code	Category
	C	4	
Required			
osting Restriction	Blocked		
Direct Indirect			

Figure 1-42 Create External Chart of Accounts

3. Specify the fields on Create External Chart of Accounts screen.



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

Table 1-42 Create External Chart of Accounts – Field Description	Table 1-42	Create External Chart of Accounts – Field Description
--	------------	---

Field	Description
General Ledger Code	This is General Ledger Account number used to transfer the funds between accounts. This Account is mapped with multiple debit/credit transactions.
General Ledger Description	Specify the description of General Ledger Code.
Source System	This field denotes source system to which the GL code belongs. The Source System for which GL code associated.
Source System GL Code	Specify GL code of source system.
Category	Select the category from the drop-down list.
Posting Restriction	This field is used to denote that corresponding GL's posting restriction is direct or indirect. By default, value is set to Direct .
Blocked	By default, this is disabled. If selected, indicates the external chart of account is blocked. By default, this is disabled.

4. Click Save to save the details.

The external chart of account is successfully created and can be viewed using the View External Chart of Accounts screen.

1.20.2 View External Chart of Accounts

This topic describes the systematic instructions to view the list of configured external chart of accounts.

The user can configure external chart of accounts using Create External Chart of Accounts screen.



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

- 1. From Home screen, click Core Maintenance. Under Core Maintenance, click External Chart of Accounts.
- 2. Under External Chart of Accounts, click View External Chart of Accounts.

The View External Chart of Accounts screen displays.

Figure 1-43 Viev	v External	Chart o	f Accounts
------------------	------------	---------	------------

+ 0											8=
+ 0											8-
eneral Ledger Code: 5455	:	General Ledger Code: 000011569016		:	General Ledger Code: 000011569020		:	General Ledger Code: 00011569088		:	
ource System OBRACC ource Syste 3455		Source System OBI Source Syste 122	RACC 25		Source System OB Source Syste 122	RACC 25		Source System OB Source Syste 00	RACC 011569088		
) Unauthorized 🛛 🔓 Open	1 2	D Unauthorized	🔒 Closed	₫3	D Unauthorized	🔓 Open	2	D Unauthorized	🔓 Open	☑ 4	
eneral Ledger Code: 1010	:	General Ledger Code: 12224		:	General Ledger Code: 12221		:	General Ledger Code: 000115690899		:	
ource System OBRACC ource Syste		Source System OBI Source Syste 122	RACC 25		Source System OB Source Syste 122	BRN 27		Source System OB Source Syste	IRACC		
Unsuthorized & Open	F 21	D Unauthorized	A Open	12/12	P. Authorized	6 Open	12	D Unauthorized	A Open	P /2	

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

Field	Description						
General Ledger Code	This field denotes the GL Code. This is GL accounts used to transfer the funds between accounts. This account is mapped with multiple debit/ credit transactions						
Source System	This field denotes the system to which GL Code belongs. For example - FCUBS etc.						
Source System GL Code	This field denotes the GL code of the source system.						
Authorization Status	 This field denotes authorization status of the GL Code. The options are: Authorized Rejected Unauthorized 						
Record Status	 This field denotes the record status of the GL Code. The options are: Open Closed 						
Modification Number	Displays the number of modification performed on the record.						

1.20.3 View Transaction Log

This topic is used to view all the transaction entries posted by product processor. User can filter the transaction based on multiple filter criteria. This topic describes the systematic instructions to view all the transaction.

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



- 1. From Home screen, click Core Maintenance. Under Core Maintenance, click External Chart of Accounts.
- 2. Under External Chart of Accounts, click Transaction Log.

The Transaction Log screen displays.

Defense Nor			Terrent	a Decesh			Consultad	en Cada			Courses Courterer						
insaction Reference Nur	noer		Transacti	on Branch			General Leo	ger Code			Source System		_				
					Q				Q				Q				
nt Code			Category				Product Pro	cessor									
	Q				-				Q								
Search Reset .	Advanced																
Transaction Reference C Number	Transaction Olivitation Date	Event Code	Event Serial O Number	General Ledger O Code	Account Branch	Transaction Branch	Account Currency 0	ACY Amount	LCY Amount 0	Amount Tag 0	Exchange Rate 0	Value Date 0	Debit Credit O Indicator	Transaction Code	Module Code 0	Inter Branch O Entry	Product Code
TXN_03	4/18/23, 12:00 AM	LIQD	5	111100002	DMO	002	USD	\$999.99	\$38,461.54	PRINCIPAL_LIQD	0	4/18/23, 12:00 AM	D	001	OBL		AB
TXN_01	4/18/23, 12:00 AM	LIQD	4	111100002	DMO	002	USD	\$999.99	\$38,461.54	PRINCIPAL_LIQD	0	4/18/23, 12:00 AM	D	A01	OL		OB
TXN_01	4/18/23, 12:00 AM	LIQD	4	111100002	DMO	002	USD	\$999.99	\$38,461.54	PRINCIPAL_LIQD	0	4/18/23, 12:00 AM	с	A01	OL		OB
TXN_01	4/18/23, 12:00 AM	ACCR	4	111100002	DMO	002	USD	\$999.99	\$38,461.54	PRINCIPAL_LIQD	0	4/18/23, 12:00 AM	D	A01	OL		OB
TXN_01	4/18/23, 12:00 AM	ACCR	4	111100002	DMO	002	USD	\$999.99	\$38,461.54	PRINCIPAL_LIQD	0	4/18/23, 12:00 AM	с	A01	OL		OBC
IOBRL_AR_DS006	4/18/23, 12:00 AM	ACCR	1	131120002	BR1	BR1	BHD	BHD 333.337	\$883.34	MAIN_INT_ACCR	2.65	4/18/23, 12:00 AM	D	LNA	RL		RPF
D1BB11170900001	4/18/23, 12:00 AM	LIQD	4	111100002	004	002	USD	\$999.99	\$38,461.54	PRINCIPAL_LIQD	0	2/13/23, 5:30 AM	D	A01	OL		OB
01BB11170900001	4/18/23, 12:00 AM	LIQD	4	111100002	004	002	USD	\$999.99	\$38,461.54	PRINCIPAL_LIQD	0	2/13/23, 5:30 AM	c	A01	OL		OB
	4/18/23, 12:00 AM	ACCR	4	111100002	001	002	USD	\$999.99	\$38,467.54	PRINCIPAL_LIQD	0	2/13/23, 5:30 AM	D	A01	OL		OB
01BB11170900002					0.04	0.00	1100	600000	670 44154	DOMICIONE LLOD	0	2 (17/27 5-70 AM	0	401	01		0.00/

Figure 1-44 Transaction Log

3. Specify the fields on **Transaction Log** screen.

Table 1-44	Transaction	Log – Field	Description
------------	-------------	-------------	-------------

Field	Description
Transaction Reference Number	Specify the reference number of the transaction. Filter based on Transaction Reference Number.
Transaction Branch	Click Search icon and select transaction branch code of the transaction. Filter based on Transaction Branch.
General Ledger Code	Click Search icon and select the general ledger code of the transaction. Filter based on GL Code.
Source System	Click Search icon and select source system of the transaction. Filter based on Source System.
Event Code	Click Search icon and select event code of the transaction. Filter based on Event Code.
Category	Select the type of the category from the drop-down list. The options are: • Asset • Liability • Income • Expense • Contingent Asset • Contingent Liability Filter based on GL Code Category.



Field	Description
Product Processor	Click Search icon and select the product processor of the transaction. Filter based on Product Processor on which transaction is done.
Module Code	Click Search icon and select the module code of the transaction.
	Note: This filed appears when we click the Advanced button.
	Filter based on Module.
Product Code	Click Search icon and select the product code of the transaction.
	Note: This field appears when we click the Advanced button.
	Filter based on Product Code.
Amount Tag	Click Search icon and select the amount tag of the transaction.
	Note: This field appears when we click the Advanced button.
	Filter based on Amount Tag.

Table 1-44 (Cont.) Transaction Log – Field Description

- 4. Click the **Search** button to view the transaction details.
- 5. Click the **Reset** button to clear the search criteria.

1.20.4 Transaction Log Error Detail

This topic is used to view the reason of failure for the particular transaction. Each failure can be filtered based on multiple filters available.

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

- 1. From Home screen, click Core Maintenance. Under Core Maintenance, click External Chart of Accounts.
- 2. Under External Chart of Accounts, click Transaction Log Error Detail.

The Transaction Log Error Detail screen displays.

saction Reference Number	Transaction Bran	nch	Source System		Event Code		
		۹		Q		Q	
ered Via							
	Search R	eset					
Transaction Reference Number 💲	Event Code 0	Transaction Branch 🗘	Source System 0	Created Time Stamp	Triggered Via 🗘	Error Code 🗘	Error Description 🗘
BR10BBRN_CW_DSVAI	INIT	000	OBBRN	10/30/23, 6:15 AM	api	CMC_IB_003	000 is a invalid Branch Code
BR10BBRN_CW_DSTXN1	INIT	000	OBBRN	10/30/23, 6:20 AM	api	CMC_IB_003	000 is a invalid Branch Code
X01AB11170911110	LIQD	TET	OBCL	10/16/23, 9:51 AM	api	CMC-GL-002	600000004 is a invalid GL Cod
X01AB11170911110	LIQD	TET	OBCL	10/16/23, 9:51 AM	api	CMC_IB_003	TET is a invalid Branch Code
006DSBR079284080640	DSBR		OBRL	10/2/23, 5:25 AM	api	CMC-GL-002	3000000001 is a invalid GL Cod
006DSBR079284080640	DSBR		OBRL	10/2/23, 5:25 AM	api	CMC-GL-002	1010110111001 is a invalid GL Coc
006DSBR079284080640	DSBR		OBRL	10/2/23, 5:25 AM	api	CMC-GL-002	1010110111001 is a invalid GL Coc
006DSBR079284080640	DSBR		OBRL	10/2/23, 5:25 AM	api	CMC-GL-002	1000000001 is a invalid GL Cod
X014B11170011110	100	TET	OBCI	10/16/23 9:51 AM	ani	CMC+GL+002	600000004 is a invalid GL Code

Figure 1-45 Transaction Log Error Detail

3. Specify the fields on Transaction Log Error Detail screen.

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

 Table 1-45
 Transaction Log Error Detail – Field Description

Field	Description
Transaction Reference Number	Specify the reference number of the transaction to filter based on Transaction Reference Number. Filter based on Transaction Reference Number.
Transaction Branch	Click the Search icon and select the branch code to filter based on Branch Code. Filter based on Transaction Branch.
Source System	Click Search icon and select source system to filter based on source system. Flter based on Source System.
Event Code	Click Search icon and select event code of the transaction. Filter based on Event Code.
Triggered Via	It specify whether the transaction posted via online API or Batch. It has two values API or batch. Filter based on Triggered Option.

- 4. Click the Search button to view failed transactions during chart of accounts handoff.
- 5. Click the Reset button to clear the search criteria.

1.20.5 Unbalanced Transaction Log

This topis is used to view all the unbalanced transactions. The transactions for which Credit/ Debit Amount is not posted to preGL will be considered as Unbalanced Transaction.

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

- 1. From Home screen, click Core Maintenance. Under Core Maintenance, click External Chart of Accounts.
- 2. Under External Chart of Accounts, click Unbalanced Transaction Log.

The Unbalanced Transaction Log screen displays.

Figure 1-46 Unbalanced Transaction Log

ansaction Referen	ce Number		Trans	action Branch			General	edger Code			Source S	ystem						
					C	2			Q				Q					
rent Code			Categ	pory			Product F	Processor										
	Q				-	•			Q									
Search Reset	Advanced																	
ransaction Reference 0 Number	Transaction Initiation Date	Event O Code	Event Serial O Number	General Ledger ≎ Code	Account Branch	Transaction Branch	Account Currency	ACY Amount	Amount 0	Amount Tag	Exchange Rate	Value Date 0	Debit Credit 0 Indicator	Transaction Code	Module 0 Code	Inter Branch 0 Entry	Product Code	C Re
SAUR_002_101	4/18/23, 12:00 AM	LIQD	1	000011569016	BR1	DMO	USD	\$40.00	\$4,000.36	DR_AMT		4/18/23, 12:00 AM	D	CHW	RT			
SAUR_002_101	4/18/23, 12:00 AM	LIQD	1	173000018	DMO	DMO	USD	\$40.00	\$4,000.36	DR_AMT		4/18/23, 12:00 AM	D	CHW	RT	Y		
SAUR_002_101	4/18/23, 12:00 AM	LIQD	1	267000018	BR1	DMO	USD	\$40.00	\$4,000.36	DR_AMT		4/18/23, 12:00 AM	с	CHW	RT	Y		
SAUR_002_101	4/18/23, 12:00 AM	LIQD	1	000011569016	BR1	DMO	USD	\$40.00	\$4,000.36	DR_AMT		4/18/23, 12:00 AM	D	CHW	RT			
SAUR_002_101	4/18/23, 12:00 AM	LIQD	1	173000018	DMO	DMO	USD	\$40.00	\$4,000.36	DR_AMT		4/18/23, 12:00 AM	D	CHW	RT	Y		
SAUR_002_101	4/18/23, 12:00 AM	LIQD	1	267000018	BR1	DMO	USD	\$40.00	\$4,000.36	DR_AMT		4/18/23, 12:00 AM	с	CHW	RT	Y		
SAUR_101	10/18/23, 12:00 AM	LIQD	1	SAUR001	BR1	DMO	USD	\$40.00	\$50.00	DR_AMT		10/18/23, 12:00 AM	D	CHW	RT			
SAUR_101	10/18/23, 12:00 AM	LIQD	1	173000018	DMO	DMO	USD	\$40.00	\$50.00	DR_AMT		10/18/23, 12:00 AM	D	CHW	RT	Y		
SAUR_101	10/18/23, 12:00 AM	LIQD	1	267000018	BR1	DMO	USD	\$40.00	\$50.00	DR_AMT		10/18/23, 12:00 AM	с	CHW	RT	Y		
SAUR_101	10/18/23, 12:00 AM	LIQD	1	SAUR001	BR1	DMO	USD	\$40.00	\$40.00	DR_AMT		10/18/23, 12:00 AM	D	CHW	RT			

3. Specify the fields on Unbalanced Transaction Log screen.

Table 1-46	Unbalanced Transaction Log – Field Description
------------	--

Field	Description
Transaction Reference Number	Specify the reference number of the transaction. Filter based on Transaction Reference Number.
Transaction Branch	Click Search icon and select branch code of the transaction. Filter based on Transaction Branch.
General Ledger Code	Click Search icon and select general ledger code of the transaction. Filter based on GL Code.
Source System	Click Search icon and select source system of the transaction. Filter based on Source System.
Event Code	Click Search icon and select event code of the transaction. Filter based on Event Code.
Category	Select the type of category from the drop-down list. The options are: Asset Liability Income Expense Contingent Asset Contingent Liability Filter based on GL Code Category.
Product Processor	Click Search icon and select the product processor of the transaction. Filter based on Product Processor on which transaction is done.

Field	Description
Module Code	Click Search icon and select the module code of the transaction.
	Note: This field appears when we click the Advanced button.
	Filter based on Module Code.
Product Code	Click Search icon and select the product code of the transaction.
	Note: This field appears when we click the Advanced button.
	Filter based on Product Code.
Amount Tag	Click Search icon and select the amount tag of the transaction.
	Note: This field appears when we click the Advanced button.
	Filter based on Amount Tag.

Table 1-46 (Cont.) Unbalanced Transaction Log – Field Description

- 4. Click the **Search** button to view the unbalanced details.
- 5. Click the **Reset** button to clear the search criteria.

1.20.6 Inter Branch Entry Retry

This topic allows user to view failed inter branch entry and initiate retry. This topic keeps track of all inter-branch transactions which got failed due to missing inter-branch parameters. Once the missing inter-branch parameters is added. User can retry the failed transaction

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

- 1. From Home screen, click Core Maintenance. Under Core Maintenance, click External Chart of Accounts.
- 2. Under External Chart of Accounts, click Inter Branch Entry Retry.

The Inter Branch Entry Retry screen displays.



Inter Branch Entry Retry						:: ×
ransaction Reference Number Tra	nsaction Branch Accou	nt Branch Q	Search Reset			
Transaction Reference Number 0	Accounting Reference Number 0	Transaction Branch 0	Account Branch 0	Error Codes 0	Retry Count 0	
BR12308160901250217	1100081	BR1	509	CMC-IB-001	4	
BR10BBRN_CW_DS001	11684347188173783041	BR1	BR2	CMC-IB-001		
BR10BBRN_CW_DS001	11684336376600248321	BR1	BR2	CMC+IB-001		
BR10BBRN_CW_DS001	11684347187544637440	BR1	BR2	CMC+IB-001		
BR10BBRN_CW_DS001	11684352127763660800	BR1	BR2	CMC+IB-001		
BR10BBRN_CW_DS001	11684352128560578561	BR1	BR3	CMC-IB-001		
Page 1 of 1 (1-6 of 6 items)						
					0.	
					Re	try Retry

Figure 1-47 Inter Branch Entry Retry

3. Specify the fields on Inter Branch Entry Retry screen.

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

Table 1-47 Inter Branch Entry Retry – Field Description

Field	Description
Transaction Reference Number	Specify the transaction reference number to view the details.
Transaction Branch	Click the Search icon and select the Transaction branch from the list. Filter based on Transaction Branch.
Account Branch	Click the Search icon and select the Account branch from the list. Filter based on Account Branch.

- 4. Click the Search button to search and view the inter branch entry retry.
- 5. Perform one of the following actions:
 - a. Click Retry All to re-initiate the inter branch entries.
 - **b.** Click **Retry** to re-initiate the inter branch entries.

The Inter Branch Entry popup screen displays.

6. Click the **Reset** button to clear the search criteria.

1.20.7 Pre GL Balance Check

This topic is used to check the balance amount between real and contingent amount for specific branch.

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

- 1. From Home screen, click Core Maintenance. Under Core Maintenance, click External Chart of Accounts.
- 2. Under External Chart of Accounts, click Pre GL Balance Check.

The Pre GL Balance Check screen displays.



Figure 1-48 Pre GL Balance Check

Pre GL Balance G	heck					
Branch Code		Local Currency	Product Processor		Module Code	
002	Q	USD	OBCLCS	Q	Q	
Fetch						
Real		Contingent				
eal-Credit		Contingent-Credit				
\$0.00		\$0.00				
Real-Debit		Contingent-Debit				
\$0.00		\$0.00				
Real-Mismatch		Contingent-Mismatch				
\$0.00		\$0.00				

3. Specify the fields on **Pre GL Balance Check** screen.



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

Table 1 40 TTE OF Balance Oncon TTEla Description	Table 1-48	Pre GL Balance Check – Field Description
---	------------	--

Field	Description
Branch Code	Click the Search icon and select the branch code from the list to view the GL balance. Filter based on Branch Code.
Local Currency	Auto populates the local currency based on the branch code selected. Filter based on Local Currency.
Product Processor	Click the Search icon and select the product processor to which the GL balance to view. Filter based on Product Processor.
Module Code	Click the Search icon and select the module code to which the GL balance to view. Filter based on Module Code.

4. Click the **Fetch** button to view the real and contingent balance.

1.20.8 Chart of Accounts Handoff

This maintenance screen allows user to initiate the handoff job which will handover all transactions to external system and view the status.

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

- 1. From Home screen, click Core Maintenance. Under Core Maintenance, click External Chart of Accounts.
- 2. Under External Chart of Accounts, click Chart of Accounts Handoff.

The Chart of Accounts Handoff screen displays.

Figure 1-49 Chart of Accounts Handoff

Branch Code Q. Trigger Id	HandOff Branch Code					
Trigger Id	Branch Code					
		0				
		ų	Jean Chi Preset			
Trigger Id O Transaction Branch O Tri	igger Type © Entries Co	unt C Status C	Cutoff Date 0	Trigger Timestamp 🛛 😂	End Timestamp 🗘	Retry
No data to display.						

- 3. Click the Search icon, and select the branch code from the list to initiate the handoff.
- 4. Click the Handoff button to initiate the handoff for the selected branch code.

The **Handoff** initiated popup screen displays.

Specify the fields on Chart of Accounts Handoff screen to filter the account handoff.
 For more information on fields, refer to the field description table.

Table 1-49 Chart of Accounts Handoff – Field Description

Field	Description
Trigger ID	Specify the Trigger ID to view the particular handoff status. Filter based on Trigger ID.
Branch Code	Branch code for which handoff to be done. Filter based on Branch Code.

- 6. Click **Search** button to search and view the account handoff details.
- 7. Click and select the **Retry** to re-initiate the account handoff for the given trigger id.
- 8. Click the **Reset** button to clear the account handoff filter criteria.

1.21 External Customer

The **External Customer** feature enables the creation and viewing of customer information in a centralized location within the Oracle Banking Microservices Architecture framework. This repository stores vital customer details such as **CIF ID**, **Customer Name**, other essential information, ensuring quick reference, and easy access to pertinent data.

This topic contains the following subtopics:

Create External Customer

This topic describes the systematic instructions to create a customer using external customer.

View External Customer

This topic describes the systematic instructions to view the list of configured external customer details.



1.21.1 Create External Customer

This topic describes the systematic instructions to create a customer using external customer.

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

- 1. From Home screen, click Core Maintenance. Under Core Maintenance, click External Customer.
- 2. Under External Customer, click Create External Customer.

The Create External Customer screen displays.

tomer Details			
tomer Number	Customer Name	Short Name	Customer Type
			Individ Corpor Bank
Required Required	Required Source System	Customer Category	Relationship Manager ID
	Q	Q	
Required	Required		
9			
ress			
ess Line 1	Address Line 2	Address Line 3	Address Line 4
itry	Postal Code		
Q			
v Details			
	From	Whereabourte Unknown	Sanction Charle Required
-in Customer	Staff	Language	Nationality
		Q	Q
		Required	

Figure 1-50 Create External Customer

3. Specify the fields on Create External Customer screen.



Table 1-50	Create External	Customer -	Field	Description
------------	-----------------	------------	-------	-------------

Field	Description
Customer Number	Each customer in the system is assigned a unique identifier, the Customer Number or CIF ID , for managing customer records. It facilitates efficient retrieval and identification of customer information. This facilitates streamlined processes such as account opening, transactions, and customer support and so on.
Customer Name	The Customer Name field represents the name of the individual or entity associated with the customer record. It typically includes the first name, middle name (if applicable), and last name of an individual, or the full name of an organization. Customers are identified and distinguished within the system using this field.



Field	Description	
Short Name	The customer or entity name is represented in a shortened form in the Short Name field. It Customers or entities can be quickly identified in systems or communications through the use of initials, acronyms, or truncated versions of full names, as preferred by the user.	
Customer Type	The Customer Type field is to categorize customers into groups based on specific criteria. This aids in understanding needs and tailoring products and services accordingly. Types include individuals, corporates, and bank.	
Source Customer ID	The original system assigns a unique Source Customer ID to each source, which enables tracking across systems and is crucial for integration and ensuring consistency across platforms.	
Source System	The Source System field indicates where a customer record originated, aiding in tracking, and managing data across systems. Valuable for integration, migration, and interoperability between systems. Click Search icon to view and select the required source system.	
Customer Category	The Customer Category field is to categorize customers based on the specific criteria, aiding in organizing records. Categories vary by industry and may include retail, corporate, high-net-worth individuals, SMEs, and so on. This segmentation helps in understanding the customer base and customizing offerings to meet their unique needs. Click Search icon to view and select the required customer category.	
Relationship Manager ID	The Relationship Manager ID field refers to a unique identifier assigned to a relationship manager within the system. This identifier helps in efficiently tracking and managing customer relationships.	
Address Line 1	The Address Line 1 field captures the primary address information of the customer or entity. It typically includes the street address, apartment number, suite, or any other pertinent details necessary to locate the physical location.	
Address Line 2	The Address Line 2 field provides supplementary address information, such as building name, floor, unit number, or additional details that further specify the location indicated in address line 1.	
Address Line 3	The Address Line 3 field serves as an additional space for capturing further details related to the customer's address, such as landmark, additional delivery instructions, or any other relevant information that helps to accurately identify the location.	
Address Line 4	The Address Line 4 field offers an extra space for recording additional details related to the customer's address. This could include specific instructions for delivery, reference points, or any other pertinent information that further clarifies the location provided in the previous address lines.	
Country	The Country Code field holds a standardized code representing the country linked to the address, following international standards like ISO 3166-1. It ensures consistent identification across systems, aiding in data validation and international communication. Click Search icon to view and select the required country.	
	Note: For more details about country code configuration refer to the Country Code section.	

Table 1-50 (Cont.) Create External Customer – Field Description



Field	Description
Postal Code	The Postal Code field captures the numerical or alphanumeric code assigned to a specific geographic area for the efficient mail delivery. It helps in identifying the precise location of the address and facilitates accurate sorting and routing of mail and packages.
Deceased	The Deceased flag field indicates if a customer is deceased. When the flag is enabled, it signals that the associated individual has passed away. This flag is used to mark records as inactive and prompt actions like ceasing communications or updating account statuses, following organizational. This flag is disabled By default.
Frozen	Frozen indicates that the customer account or record has been suspended or restricted, preventing certain actions or transactions from being performed. This is disabled by default.
Whereabouts Unknown	Whereabouts Unknown indicates that the current location or whereabouts of the customer is uncertain or not known. This is disabled by default.
Sanction Check Required	Sanction Check Required indicates that further checks or due diligence are necessary to ensure compliance with sanctions regulations or other legal requirements regarding the customer. This is disabled by default.
Walk-in Customer	Walk-in Customer refers to a customer who visits a physical location, without a prior appointment or arrangement. This is disabled by default.
Staff	The Staff flag indicates whether the customer is an employee or staff member of the organization. This is disabled by default.
Language	The Language field specifies the preferred language of a communication for the customer. It indicates the language in which the organization should communicate with the customer. Click Search icon to view and select the required language.
	Note: For more details about language code configuration refer to the Language Code section
Nationality	The Nationality field indicates the country of citizenship or nationality of the customer. It specifies the country to which the customer belongs or is affiliated with in terms of citizenship. Click Search icon to view and select the required nationality.

Table 1-50 (Cont.) Create External Customer – Field Description

4. Click Save to save the details.

The external customer is successfully created and can be viewed using the View External Customer screen. In addition, the external customers can be directly replicated from the host system using service API.

1.21.2 View External Customer

This topic describes the systematic instructions to view the list of configured external customer details.

The user can configure external customer using Create External Customer screen.

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



- 1. From Home screen, click Core Maintenance. Under Core Maintenance, click External Customer.
- 2. Under External Customer, click View External Customer.

The View External Customer screen displays.

+ 0					
Istomer Name: /YNCUST774	Customer Name: WYNCUST775	Customer Name: WYNCUST776	Customer Name: WYNCUST777	Customer Name: WYNCUST778	Customer Name: Nash Mechanicals
ource System FCUBS ustomer Type I ustomer WYNCUST774 ource WYNCUST774	Source System FCUBS Customer Type I Customer WYNCUST775 Source WYNCUST775	Source System FCUBS Customer Type I Customer WYNCUST776 Source WYNCUST776	Source System FCUBS Customer Type I Customer WYNCUST777 Source WYNCUST777	Source System FCUBS Customer Type I Customer WYNCUST778 Source WYNCUST778	Source System oblm Customer Type I Customer NASH Mechanicals Source NASH Mechanicals
Authorized 🔓 Open 🖾 1	D Authorized 🔓 Open 🖾 1	D Authorized 🔓 Open 🖄 1	D Authorized 🔓 Open 🖄 1	🗅 Authorized 🔒 Open 🖾 1	D Authorized 🔓 Open 🖾 2
VYNCUST771	Customer Name: NASH Industries	Customer Name: ICLGPCUST	Customer Name: ICLCUST02		
ource System FCUBS ustomer Type I ustomer WYNCUST771 ource WYNCUST771	Source System oblm Customer Type I Customer NASH Industries Source NASH Industries	Source System oblm Customer Type I Customer ICLGPCUST Source ICLGPCUST	Source System oblm Customer Type I Customer ICLCUST02 Source ICLCUST02		
Authorized 🔓 Open 🖾 1	DAuthorized & Open 2	D Authorized 🔓 Open 🖾 1	D Authorized		

Figure 1-51 View External Customer

Table 1-51	View External Customer – Field Description

Field	Description
Customer Name	The Customer Name field represents the name of the individual or entity associated with the customer record. It typically includes the first name, middle name (if applicable), and last name of an individual, or the full name of an organization. Customers are identified and distinguished within the system using this field.
Source System	The customer record's origin is indicated by the Source System field, facilitating tracking and management of data across systems. The Source System is valuable for integration, migration, and interoperability between platforms. Click Search icon to view and select it.
Customer Type	Customers are categorized into groups based on specific criteria in the Customer Type field. This aids in understanding needs and tailoring products and services accordingly. Types include individuals, corporates and bank.
Customer Number	Each customer in the system is assigned a unique identifier, called the Customer Number or CIF ID . This reference helps manage customer records efficiently, allowing for easy retrieval and identification of customer information. This facilitates streamlined processes such as account opening, transactions, and customer support.
Source Customer ID	The original system assigns a unique Customer ID to each source record, which facilitates tracking across databases and ensures consistency during data integration.

Field	Description
Authorization Status	The Authorization Status field denotes the status of authorization or approval for a certain action or process related to the customer's account or record. It indicates whether the customer has been granted authorization to proceed with a particular request, transaction, or activity within the organization's system. The options are: • Authorized • Rejected • Unauthorized
Record Status	The Record Status field indicates the status of the customer record within the system. It provides information on whether the record is Open or Closed in its life cycle.
Modification Number	The system updates or modifies a record each time the Modification Number field is changed, reflecting the number of occurrences. This increases each time a modification is made to the record, serving as a sequential identifier. Users can track and audit changes to the record in this system, ensuring data integrity and version control by monitoring modifications over time.

Table 1-51 (Cont.) View External Customer – Field Description

Click

Q

icon to search for a customer in external customer and input search parameters.

Click

:

to perform the following actions:

- Copy Copy selected record to create a new record with the same values.
- **Unlock** Unlock to modify the external customer details. Once you unlocked, the record will be available for modification and authorization for the authorized user.
- Close Close the record status.
- View View external customer details.

1.22 External Customer Account

This topic helps to configure the external customer account details.

This topic contains the following subtopics:

Create External Customer Account

This topic describes the systematic instructions to configure external customer account details.



• View External Customer Account This topic describes the systematic instructions to view the list of configured external customer accounts.

1.22.1 Create External Customer Account

This topic describes the systematic instructions to configure external customer account details.

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

- **1.** From Home screen, click Core Maintenance. Under Core Maintenance, click External Customer Account.
- 2. Under External Customer Account, click Create External Customer Account.

The Create External Customer Account screen displays.

Calcent Account leaves Account leaves Calcente Account Searce Account leaves Searce Account Normation Normation Normation Normation Normation Account leaves Normation Normation Normation Control Normation Normation Control Normat	Account Details			
Accord Correry Register Record Correry Register Record Correry Register R	Customer Account Number	Account Name	Customer Number	Customer Name
Notice Account Account Parment Emittement Group Parment Emittement Group <	Account Class	Required Account Currency	Required Source Account Branch	Source Customer Account
Address	Nostro Account 👻	Q	Q	
Address Address law 1 Address law 2 Address law 2 Address law 2 Address law 3 Address law 4 Address	Account IBAN	Required Payment Entitlement Group	Required Branch Entitlement Group	Required
Address Address Address Address Live 1 Address Live 2 Address Live 3 Address Live		Q	Q	
Advers Line 1 Advers Line 2 Advers Line 3 Advers Line 3 Control Image: Control Image: Control Image: Control Other Details Image: Control Image: Control Image: Control Diment Image: Control Image: Control Image: Control Control Image: Control Image: Control Image: Control Control Image: Control Image: Control Image: Control Control Image: Control Image: Control Image: Control	Address			
Contry Co	Address Line 1	Address Line 2	Address Line 3	Address Line 4
Cher Details No Coste No Detai No Coste Coste Coste Coste Agronal Regard Extendi Cesti Agronal System Nation Coste Note Coste	Country			
Other Details No Detail Bioded Facer Diamed Detail Detail Detail Detail Diamed Detail Detail Detail Detail Diamed Detail Detail Detail Detail Diamed Details Details Details Details Diamed Details Details Details Details Account Open Date Details Details Details				
No Gredit No Debit Bloded Fragen Durant. Extend Credit Agernal Regime Account Open Date Account Open Date Account Open Date	Other Details			
Lorend Ceclt Approval Regioned Extend Ceclt Approval Regioned Extend Ceclt Approval System Access of Optim Date Theorem Theor	No Credit	No Debit	Blocked	Frozen
Damas Extend Credit Agened Report Extend Credit Agened Report Hat Cole Image: Cole Credit Agened Report Image: Cole Credit Agened Report Image: Cole Credit Agened Report Account Open Date Image: Cole Credit Agened Report Image: Cole Credit Agened Report				
Accust Open Date	Dormant	External Credit Approval Required	External Credit Approval System	Host Code
Accent Optin Date Testing Test			Q	Q
	Account Open Date		Regulired	
	(IIII)			
				Cancel Serve

Figure 1-52 Create External Customer Account

3. Specify the fields on Create External Customer Account screen.



The fields marked as **Required** are mandatory.

Table 1-52	Create External	Customer	Account -	Field	Description
------------	------------------------	----------	-----------	-------	-------------

Field	Description
Customer Account Number	Specify the customer account number.
Account Name	Specify the name for an account.
Customer Number	Click Search icon to view and select the required customer number.
Customer Name	Displays the customer name based on the selected Customer Number.
Account Class	Select the account class from the drop-down list.



Field	Description		
Account Currency	Click Search icon to view and select the required account currency.		
Source Account Branch	Click Search icon to view and select the required source account branch.		
Source Customer Account	Displays the source customer account based on the selected Source Account Branch .		
Account IBAN	Specify the account IBAN details.		
Payment Entitlement Group	Click Search and select the payment entitlement group for the customer account.		
Branch Entitlement Group	Click Search and select the branch entitlement group for the customer account.		
Address Line 1-4	Specify the address details.		
Country	Click Search icon to view and select the required country.		
No Credit	By default, this is disabled. If selected, indicates the account does not have any credit facility.		
No Debit	By default, this is disabled. If selected, indicates the account does not have any debit facility.		
Blocked	By default, this is disabled. If selected, indicates the account status is blocked.		
Frozen	By default, this is disabled. If selected, indicates the account status is frozen.		
Dormant	By default, this is disabled. If selected, indicates the account status is dormant.		
External Credit Approval Required	By default, this is disabled. If selected, indicates ECA check is required for the external customer account.		
External Credit Approval System	Click Search icon to view and select the required external credit approval system.		
Host Code	Click Search icon to view and select the required host code.		
Account Open Date	Select an effective date for the account from the drop-down calendar.		

Table 1-52	(Cont.) Create External Customer Account – Field Description
------------	--

4. Click **Save** to save the details.

The external customer account is successfully created and can be viewed using the View External Customer Account screen. In addition, the external customers can be directly replicated from the host system using service API.

1.22.2 View External Customer Account

This topic describes the systematic instructions to view the list of configured external customer accounts.

The user can configure external customer account using Create External Customer Account screen.

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

1. From Home screen, click Core Maintenance. Under Core Maintenance, click External Customer Account.



2. Under External Customer Account, click View External Customer Account.

The View External Customer Account screen displays.

+ 0					
Customer Account Number: 0000000042192	Customer Account Number: 4000000122	Customer Account Number: 4000000144	Customer Account Number: ICLCUS01A4	Customer Account Number: ICLCUS01A5	Customer Account Number: HEL0046400023
Sustomer RTLCUST01 Account Name MC1C3	Customer PRICUST01 Account Name WHTACC02	Customer 002656 Account Name WHTACC04	Customer ICLCUST01 Account Name ICLCUS01A4	Customer ICLCUST01 Account Name ICLCUS01A5	Customer 000464 Account Name ALL SPORTS
Authorized 🔓 Open 🖾 1	D Authorized 🔓 Open 🖾 1	🗅 Authorized 🔓 Open 🖾 1	D Authorized 🔓 Open 🖾 1	D Authorized 🔓 Open 🖾 1	🗅 Authorized 🔓 Open 🖾 1
ustomer Account Number: DB10000010040	Customer Account Number: 2000000115	Customer Account Number: 00000000420653	Customer Account Number: NashPrecisionTools02		
Sustomer DBC001 Account Name DEBAACCOUNT40	Customer 006017 Account Name ACCRTL01	Customer RTLCUST01 Account Name MGGC1	Customer NASH Precision Tools Account Name Nash Precision Tools		
Authorized 🔓 Open 🖾 1	🕃 Authorized 🔓 Open 🖾 1	🕃 Authorized 🔓 Open 🖾 1	D Authorized 🔓 Open 🖾 1		

Figure 1-53 View External Customer Account

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

Table 1-53 View External Customer Account – Field Description

Field	Description	
Customer Account Number	Displays the customer account number associated with the account name.	
Customer Number	Displays the customer number associated with the account name.	
Authorization Status	Displays the authorization status of the record. The options are: • Authorized • Rejected • Unauthorized	
Record Status	Displays the status of the record. The options are: • Open • Closed	
Modification Number	Displays the number of modification performed on the record.	

1.23 External Customer Account Structured Address

This topic describes the information to configure the external customer account structured address details.

This topic contains the following subtopics:

- Create External Customer Account Structured Address
 This topic describes the systematic instructions to configure external customer account
 structured address.
- View External Customer Account Structured Address This topic describes the systematic instructions to view the list of configured external customer account structured addresses.



1.23.1 Create External Customer Account Structured Address

This topic describes the systematic instructions to configure external customer account structured address.

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

- 1. From Home screen, click Core Maintenance. Under Core Maintenance, click External Customer Account Structured Address.
- 2. Under External Customer Account Structured Address, click Create External Customer Account Structured Address.

The Create External Customer Account Structured Address screen displays.

Figure 1-54 Create External Customer Account Structured Address

Create External Customer Account Structured	d Address		:: ×
Customer Account	Account Name		
Structured Address			
Department	Sub Department	Street Name	Building Number
Building Name	Floor	Post Box	Room
Post Code	Town Name	Town Location Name	District Name
Country Sub Division	Country Required Country Country Required Required		
			Cancel Save

3. Specify the fields on Create External Customer Account Structured Address screen.



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

Table 1-54Create External Customer Account Structured Address – FieldDescription

Field	Description
Customer Account	Click Search icon to view and select the required customer account.
Account Name	Displays the Account Name, Based on the Customer Account is selected.
Department	Specify the department.
Sub Department	Search and select the required country.
Street Name	Specify the street name.
Building Number	Specify the building number.



Field	Description	
Building Name	Specify the building name.	
Floor	Specify the floor.	
Post Box	Specify the post box details.	
Room	Specify the room number.	
Post Code	Specify the post code.	
Town Name	Specify the town name.	
Town Location Name	Specify the town location name.	
District Name	Specify the district name.	
Country Sub Division	Specify the country sub division.	
Country	Click Search icon to view and select the required country name.	

Table 1-54 (Cont.) Create External Customer Account Structured Address – Field Description

4. Click **Save** to save the details.

The external customer account structured address is successfully created and can be viewed using the View External Customer Account Structured Address screen.

1.23.2 View External Customer Account Structured Address

This topic describes the systematic instructions to view the list of configured external customer account structured addresses.

The user can configure external customer account structured address account using Create External Customer Account Structured Address screen.

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

- On Home screen, click Core Maintenance. Under Core Maintenance, click External Customer Account Structured Address.
- 2. Under External Customer Account Structured Address, click View External Customer Account Structured Address.

The View External Customer Account Structured Address screen displays.

Figure 1-55 View External Customer Account Structured Address

Q + 0	i≡ 88
Catavere Number 9988776655	
Town Name 0000 Country 09	
DAuthorized & Open 🔯 1	



Field	Description	
Customer Number	Displays the customer number.	
Town Name	Displays the town name of the customer.	
Country	Displays the country of the customer.	
Authorization Status	Displays the authorization status of the record. The options are: • Authorized • Rejected • Unauthorized	
Record Status	Displays the status of the record. The options are: • Open • Closed	
Modification Number	Displays the number of modification performed on the record.	

Table 1-55View External Customer Account Structured Address – FieldDescription

1.24 External Virtual Account Structured Address

This topic describes the information to configure the external virtual account structured address details.

This topic contains the following subtopics:

• View External Virtual Account Structured Address This topic describes the systematic instructions to view the list of configured virtual account structured addresses.

1.24.1 View External Virtual Account Structured Address

This topic describes the systematic instructions to view the list of configured virtual account structured addresses.

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

- 1. From Home screen, click Core Maintenance. Under Core Maintenance, click External Virtual Account Structured Address.
- 2. Under External Virtual Account Structured Address, click View External Virtual Account Structured Address.

The View External Virtual Account Structured Address screen displays.

Q + Q	i≡ 88
Custom Wikefer 9988776655	
Tom Name 9090 Country 99	
DAuthorized & Open 🔟 1	

Figure 1-56 View External Virtual Account Structured Address



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

Field	Description	
Customer Number	Displays the customer number.	
Town Name	Displays the town name of the customer.	
Country	Displays the country name of the customer.	
Authorization Status	Displays the authorization status of the record. The options are: • Authorized • Rejected • Unauthorized	
Record Status	Displays the status of the record. The options are: • Open • Closed	
Modification Number	Displays the number of modification performed on the record.	

 Table 1-56
 View External Virtual Account Structured Address – Field Description

The user can click on the specific tile to view the structured address details.

1.25 Forget Process

This topic describes the information to configure a customer detail who wants to be forgotten using forget process.

The Personally identifiable information (PII) is any data that could potentially identify a specific individual. PII data access can be controlled based on the user role and you can configure details of a customer who wants to be forgotten if the customer withdraws/does not avail the virtual account facility.

This topic contains the following subtopics:

- Forget Customer This topic describes the systematic instructions to configure a customer to be forgotten.
- View Forgotten Customer This topic describes the systematic instructions to view the list of the customers to be forgetten.

1.25.1 Forget Customer

This topic describes the systematic instructions to configure a customer to be forgotten.

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

- 1. On Home screen, click Core Maintenance. Under Core Maintenance, click Forget Process.
- 2. Under Forget Process, click Forget Customer.

The Forget Customer screen displays.

Figure 1-57 Forget Customer

Forget Customer Process ID	Forget Customer Process Type		
	Customer Initiated	Bank Initiated	
Customer Number		Process Status	Action 0
No data to display.			
Page 1 (0 of 0 items) < 4 1 → >			

3. Specify the fields on Forget Customer screen.



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

Table 1-57	Forget Customer -	 Field Description
------------	-------------------	---------------------------------------

Field	Description
Forget Customer Process	Specify a forget customer process ID.
Forget Customer Process Type	 Select one of the options: Customer Initiated: If selected, indicates the customer has initiated the process. Bank Initiated: If selected, indicates the bank has initiated the process.
Customer Number	Click Search icon to view and select the customer number.
Process Status	Displays the process status.

- 4. Click + to specify the customer/bank details.
- 5. Click **Save** to save the details.

The forget customer is successfully done and can be viewed using the View Forgotten Customer screen.

1.25.2 View Forgotten Customer

This topic describes the systematic instructions to view the list of the customers to be forgetten.

The user can configure a customer detail who wants to be forgotten using the Forget Customer.

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



- 1. On Home screen, click Core Maintenance. Under Core Maintenance, click Forget Process.
- 2. Under Forget Process, click View Forgotten Customer.

The View Forgotten Customer screen displays.

Figure 1-58 View Forgotten Customer

View Forgotten Customers	:: ×
Q + Q	i= ⊞
Process Type: CUSTOMER_INITIATED	
Process ID - Maker LIMADMIN1	
D Unauthorized	
Page 1 of 1 (1-1 of 1 items) (< (1 → >)	

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

Field	Description
Process Type	Indicates if the process is initiated by the customer/bank
Process ID	Displays the forgotten customer process ID.
Maker	Displays the name of the user who has configured the forgotten customer details.
Authorization Status	Displays the authorization status of the record. The options are: • Authorized • Rejected • Unauthorized
Record Status	Displays the status of the record. The options are: • Open • Closed
Modification Number	Displays the number of modification performed on the record.

Table 1-58 View Forgotten Customer – Field Description

1.26 GL Parameter Maintenance

This topic describes the information to configure an GL parameter maintenance.

GL Parameter Maintenance is the configuration that is required to process preGL transactions. This holds the number of records to be processed, batch frequency and record consolidation to be performed. This maintenance is mandatory for preGL and only one record maintenance is allowed per environment.

This topic contains the following subtopics:

Create GL Parameter

This topic describes the systematic instructions to configure the GL parameter.



View GL Parameter

This topic describes the systematic instructions to view the list of configured GL parameters.

1.26.1 Create GL Parameter

This topic describes the systematic instructions to configure the GL parameter.

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

- 1. On Home screen, click Core Maintenance. Under Core Maintenance, click GL Parameter Maintenance.
- 2. Under GL Parameter Maintenance, click Create GL Parameter.

The Create GL Parameter screen displays.

Figure 1-59 Create GL Parameter

Create GL Parameter				it x
GL Parameters Interbranch Entries Consolidation	Scheduler Frequency(In milliseconds)	Consolidate Entries for Enterprise GL Handoff	Max Request Size	
				Cancel Suve

3. Specify the fields on Create GL Parameter screen.



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

 Table 1-59
 Create GL Parameter – Field Description

Field	Description
Interbranch Entries Consolidation	Select the toggle to enable the interbranch entries consolidation to GL parameter. This will be a switch by default the value will be set as N .
Scheduler Frequency(in milliseconds)	Specify the time between two consecutive batch runs. This text field holds the milliseconds.
Consolidate Entries for Enterprise GL Handoff	Select the toggle to enable the Consolidate Entries for Enterprise GL Handoff to GL parameter. This will be a switch by default the value will be set as N .
Max Request Size	Specify the max request size for GL parameter. This text field holds maximum request size.

4. Click **Save** to save the details.

The GL Parameter is successfully created and can be viewed using the View GL Parameter screen.



Note:

The user can maintain only one set of GL Parameter.

5. Click **Cancel** to discard the changes and close the screen.

1.26.2 View GL Parameter

This topic describes the systematic instructions to view the list of configured GL parameters.

The user can configure an amount text language using **Create GL Parameter** screen.

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

- 1. On Home screen, click Core Maintenance. Under Core Maintenance, click GL Parameter Maintenance.
- 2. Under GL Parameter Maintenance, click View GL Parameter.

The View GL Parameter screen displays.

Figure 1-60 View GL Parameter

View GL Parameter	::×
QO	i≡ 88
G.Panamear:	
IB ConsolidationY Log Schedide 120000	
Dunauthorized 🔓 Open 🔯 4	
Page 1 of 1 (1-1 of 1 items) < < 1 > >	

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

Table 1-60 View GL Parameter – Field Description

Field	Description
IB Consolidation	Displays the IB Consolidation flag for GL parameter.
Log Schedule	Displays the log schedule for GL parameter
Authorization Status	Displays the authorization status of the record. The options are: • Authorized • Rejected • Unauthorized
Record Status	Displays the status of the record. The options are: • Open • Closed
Modification Number	Displays the number of modification performed on the record.

1.27 Host Code

This topic describes the information to configure the host code.



The user can group branches in the same zone or region under a host for specific processing. The user can have multiple hosts depending on processing requirements.

This topic contains the following subtopics:

- Create Host Code This topic describes the systematic instructions to configure host code.
- View Host Code This topic describes the systematic instructions to view the list of configured host codes.

1.27.1 Create Host Code

This topic describes the systematic instructions to configure host code.

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

- 1. From Home screen, click Core Maintenance. Under Core Maintenance, click Host Code.
- 2. Under Host Code, click Create Host Code.

The Create Host Code screen displays.

Figure 1-61 Create Host Code

Host Code	Description		
Required	Required		
Country Code	Processing Time Zone	Default Branch Code	
Q		Q	
Required	Required	Required	

3. Specify the fields on Create Host Code screen.



Table 1-61 Create Host Code – Field Description

Field	Description
Host Code	Specify the host code details.
Description	Specify the additional information about the host code.



Table 1-61 (Cont.) Create Host Code – Field Description

Field	Description
Country Code	Click Search icon to view and select the required country code.
Processing Time Zone	Specify the processing time zone details.
Default Branch Code	Click Search icon to view and select the required default branch code.

4. Click Save to save the details.

The host code is successfully created and can be viewed using the View Host Code screen.

1.27.2 View Host Code

This topic describes the systematic instructions to view the list of configured host codes.

The user can configure host code using Create Host Code screen.

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

- 1. From Home screen, click Core Maintenance. Under Core Maintenance, click Host Code.
- 2. Under Host Code, click View Host Code.

The View Host Code screen displays.

+ 0						E
Default Branch Code: DOG	Default Branch Code: LMB	Default Branch Code: 006	Default Branch Code: 006	Default Branch Code: 000	Default Branch Code:	
Processing Asta/Calcutta Host Code H1006 Country Code GB	Processing UTC+5:30 Host Code AUDEFPY1 Country Code GB	Processing USD Host Code ABC Country Code US	Processing Asia/Calcutta Host Code H1003 Country Code GB	Processing GB Host Code FHOST3 Country Code GB	Processing Singapore Host Code HOST4 Country Code SG	
Authorized 🔓 Open 🖾 1	🗅 Authorized 🔓 Open 🖾 1	🗅 Unauthorized 🔓 Open 🖾 1	🗅 Authorized 🔓 Open 🖾 1	🗅 Authorized 🔓 Open 🖾 4	🗅 Authorized 🔓 Open 🖾 1	
Default Branch Code: DO6	Default Branch Code: 006	Default Branch Code: SHA :	Default Branch Code: 006			
Processing America/New_York Host Code HOST1 Country Code US	Processing UTC+5:30 Host Code AUHOSTCO Country Code GB	Processing Asla/Chongqing Host Code CN_CHINA Country Code CN	Processing Asia/Calcutta Host Code H1025 Country Code GB			
Authorized 🔓 Open 🕅 2	DAuthorized 🔓 Open 🖄 1	D Authorized 🔓 Open 🖄 2	D Authorized 🔓 Open 🖄 1			

Figure 1-62 View Host Code

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

Table 1-62 View Host Code – Field Description

Field	Description
Default Branch Code	Displays the default branch code associated with the host code.
Processing Time Zone	Displays the processing time zone.
Host Code	Displays the host code details.
Country Code	Displays the country code details.



Field	Description
Authorization Status	Displays the authorization status of the record. The options are: • Authorized • Rejected • Unauthorized
Record Status	Displays the status of the record. The options are: • Open • Closed
Modification Number	Displays the number of modification performed on the record.

Table 1-62 (Cont.) View Host Code – Field Description

1.28 Interest Rate

This topic describes the information to configure a Interest Rate.

When banks or financial institutions want to define rates that are common across multiple loans, such rates are referred to as Base rates

A base interest rate can be applied to a loan with or without spread to derive the final rate.

The Interest Rate Type maintained and further used in Product can be one of the following:

- Fixed
- Floating
- Create Interest Rate This topic describes the systematic instructions to configure a interest rate.
- View Interest Rate This topic describes the systematic instructions to view the list of configured Interest Rate Maintenance.

1.28.1 Create Interest Rate

This topic describes the systematic instructions to configure a interest rate.

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

- 1. On Homescreen, click Core Maintenance, under Core Maintenance, click Interest Rate Maintenance.
- 2. Under Interest Rate Maintenance, click Create Interest Rate.

The Create Interest Rate screen displays.



ode		Rate Code			Description		Туре	
	Q						Floating	-
asis	Required	Propagate Rates to branches	Required			Required		
num	•							
cy Details	+							
Slah Details								
Siab Details								
	Amount Slab			Effective Date			Borrow Lend Indicator	
							 Borrow	
nor and Inter	est Details							
	Tenor To			Units		Interest Rate		
				Deve	_			
			× ^	Days	•			
0			~ ^	Davs	•			
				Duys				

Figure 1-63 Create Interest Rate

3. Specify the fields on **Create Interest Rate** screen.

Note:

The fields marked as **Required** are mandatory.

 Table 1-63
 Create Interest Rate – Field Description

Field	Description
Branch Code	Click the Search icon to view and select the branch from the list. The list displays all the branch code maintained in the system.
Rate Code	Specify the rate code for the selected branch.
Description	Specify the description of the rate code.
Туре	Select the rate type from the drop-down list. The available options are : • Fixed • Floating
Quote Basis	Select the quote basis for the rate from the drop-down list. The available options are : • Per Annum • Exponential-252 • Exponential-365 • Linear-360



Field	Description
Propagate Rates to branches	Select the toggle to enable the propagate rates across all the branches of the bank.
	Note: When the rate code is modified at the Head Office Branch a corresponding rate code record will be created and replicated to all the branches.
Currency Details	Click + icon and popup screen appears to add the associates currencies to the rate code.
Currency Code	Click the Search icon to view and select the currency from the list.
Description	Displays the description of the selected currency code.

Table 1-63 (Cont.) Create Interest Rate – Field Description

4. Perform the following actions for Amount Slab Details:

a. Click + button to add the new row to amount slab.

Table 1-64 Amount Slab Details - Field Description

Field Name	Description		
Amount Slab	Specify the amount for the rate code.		
Effective Date	Select the date from when the rate needs to be effective for the amount slab.		
	Note: The effective date will be applicable until the new effective date Is provided for the rate.		
Borrow Lend Indicator	 Select the borrow lend indicator of the rate from the drop-down list. The available options are: Borrow - The rate is applied for deposits taken by the bank Lend- The rate is applied for loans given to Customers. 		

b. Select the rows and click - button to delete the rows added for amount slab.

5. Perform the following actions for Tenor and Interest Details:

a. Click + button to add the new row to tenor and interest details.

Field Name	Description
Tenor To	Specify the tenor upto which the interest rate needs to be effective.
Units	Select the units for the tenor slab from the drop-down list. The available options are: • Days • Weeks • Months • Years
Interest Rate	Specify the interest rate of the rate code for the tenor.

Table 1-65 Tenor and Interest Details - Field Description

- **b.** Select the rows and click button to delete the rows added for tenor and interest details.
- 6. Click Save to save the details.

The Interest Rate Maintenance is successfully created and can be viewed using the View Interest Rate screen.

1.28.2 View Interest Rate

This topic describes the systematic instructions to view the list of configured Interest Rate Maintenance.

The user can configure Interest Rate using Create Interest Rate screen.

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

- 1. On Homescreen, click Core Maintenance, under Core Maintenance, click Interest Rate Maintenance.
- 2. Under Interest Rate Maintenance, click View Interest Rate.

The View Interest Rate screen displays.

+ 0					8
Rate Code: RATERESHMAN	Rate Code: CS02	Rate Code: HLR1	Rate Code: HLR1	Rate Code: RC0608114651	
Branch Code 000	Branch Code 000	Branch Code 100	Branch Code CS1	Branch Code 007	
🗅 Unauthorized 🔓 Open 🖾 2	D Authorized 🔓 Open 🖾 1	D Authorized 🔓 Open 🖾 1	🗅 Unauthorized 🔓 Open 🖾 2	🗅 Unauthorized 🔒 Open 🖾 1	
Rate Code:	Rate Code: RC0608114651	Rate Code: RC0608114651	Rate Code: RC0608114651	Rate Code: RC0608114651	
Branch Code 001	Branch Code 153	Branch Code BJ1	Branch Code 512	Branch Code MH2	
🗅 Unauthorized 🔓 Open 🖾 1	🗅 Unauthorized 🔓 Open 🖾 1	🗅 Unauthorized 🔓 Open 🖾 1	🗅 Unauthorized 🔓 Open 🖾 1	🗅 Unauthorized 🔓 Open 🖾 1	

Figure 1-64 View Interest Rate



Field	Description
Rate Code	Displays the rate code.
Branch Code	Displays the branch code.
Authorization Status	Displays the authorization status of the record. The options are: • Authorized • Rejected • Unauthorized
Record Status	Displays the status of the record. The options are: • Open • Closed
Modification Number	Displays the number of modification performed on the record.

Table 1-66 View Interest Rate – Field Description

1.29 Inter Branch Parameters Maintenance

This topic describes the information to configure an inter branch parameters maintenance.

This topic contains the following subtopics:

- Create Inter Branch Parameters This topic describes the systematic instructions to configure the inter branch parameters.
- View Inter Branch Parameters This topic describes the systematic instructions to view the list of configured inter branch parameters.

1.29.1 Create Inter Branch Parameters

This topic describes the systematic instructions to configure the inter branch parameters.

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

- 1. On Home screen, click Core Maintenance. Under Core Maintenance, click Inter Branch Parameters.
- 2. Under Inter Branch Parameters, click Create Inter Branch Parameters.

The Create Inter Branch Parameters screen displays.

Figure 1-65 Create Inter Branch Parameters

Create Inter Branch Parameters				;:×
Branch 1	Branch 1 Name	Branch 2	Branch 2 Name	
٩		Q		
Required		Required		
Branch 1				
Branch 1	Due To Branch 2	Due From Branch 2		
	Q	Q		
	Required	Required		
nter Branch Currency	Description (Due to Branch 2)	Description (Due from Branch 2)		
Account Currency				
Branch 2				
Branch 2	Due To Branch 1	Due From Branch 1		
	Q	Q		
	Required	Required		
nter Branch Currency	Description (Due to Branch 1)	Description (Due from Branch 1)		
Account Currency				
				Cancel Save



3. Specify the fields on Create Inter Branch Parameters screen.



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

Field	Description
Branch 1	This field denotes the Branch 1 that need to be configured. This is Branch Code of first branch.
Branch 2	This field denotes the Branch 2 that need to be configured. This is Branch Code of second branch.
Due To Branch 2	This field holds the external chart of accounts number for Due to Branch 2 selected. GL Code for Due to Branch 2.
Due To Branch 1	This field holds the external chart of accounts number for Due to Branch 1 selected. GL Code for Due to Branch 1.
Due From Branch 2	This field holds the external chart of accounts number for Due from Branch 2 selected. GL Code for Due from Branch 2.
Due From Branch 1	This field holds the external chart of accounts number for Due from Branch 2 selected. GL Code for Due from Branch 1.
Inter Branch Currency	This field will be switch and this indicates the external chart of accounts is blocked. By default account currency will be selected.

 Table 1-67
 Create Inter Branch Parameters – Field Description

4. Click **Save** to save the details.

The inter branch parameters is successfully created and can be viewed using the **View Inter Branch Parameters** screen.

5. Click **Cancel** to discard the changes and close the screen.

1.29.2 View Inter Branch Parameters

This topic describes the systematic instructions to view the list of configured inter branch parameters.

The user can configure an inter branch parameters using **Create Inter Branch Parameters** screen.

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

- 1. On Home screen, click Core Maintenance. Under Core Maintenance, click Inter Branch Parameters.
- 2. Under Inter Branch Parameters, click View Inter Branch Parameters.

The View Inter Branch Parameters screen displays.



0					
((,					
Inter Branch Parameters:	Inter Branch Parameters:	Inter Branch Parameters:	Inter Branch Parameters:	Inter Branch Parameters:	Inter Branch Parameters:
Branch1 BR4 Branch2 BR5	Branch1 006 Branch2 003	Branch1 555 Branch2 777	Branch1 006 Branch2 004	Branch1 BR6 Branch2 BR5	Branch1 444 Branch2 888
Durauthorized 🗄 Closed 🖾 2	🗅 Unauthorized 🕆 Closed 🖄 2	D Unauthorized 🔓 Open 🖾 1	D Authorized 🔓 Open 🖾 1	D Authorized 🔓 Open 🖾 1	D Unauthorized 🔓 Open 🖾 1
Inter Branch Parameters:	Inter Branch Parameters:	Inter Branch Parameters:	Inter Branch Parameters:		
Branch1 123 Branch2 321	Branch1 132 Branch2 312	Branch1 BR3 Branch2 BR2	Branch1 DMO Branch2 006		
🗅 Unauthorized 🔒 Open 🖾 2	🗅 Unauthorized 🔒 Open 🖾 1	D Authorized 🔓 Open 🖾 1	🗅 Unauthorized 🔒 Open 🖾 1		

Figure 1-66 View Inter Branch Parameters

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

Field	Description	Comments
Branch 1	This field denotes the Branch 1 that is configured.	Branch code for first branch.
Branch 2	This field denotes the Branch 2 that is configured.	Branch code of second branch.
Authorization Status	 This field denotes authorization status of the GL Code. The options are: Authorized Rejected Unauthorized 	Authorization status of the record.
Record Status	 This field denotes the record status of the GL Code. The options are: Open Closed 	Record status of the record.
Modification Number	Displays the number of modification performed on the record.	Number of modification done on this record.

Table 1-68 View Inter Branch Parameters – Field Description

1.30 Language Code

This topic describes the information to configure a language code.

This topic contains the following subtopics:

- Create Language Code This topic describes the systematic instructions to configure a language code.
- View Language Code This topic describes the systematic instructions to view the list of configured host codes.

1.30.1 Create Language Code

This topic describes the systematic instructions to configure a language code.

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



- 1. On Home screen, click Core Maintenance. Under Core Maintenance, click Language Code.
- 2. Under Language Code, click Create Language Code.

The Create Language Code screen displays.

Figure 1-67 Create Language Code

3. Specify the fields on Create Language Code screen.



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

 Table 1-69
 Create Language Code – Field Description

Field	Description
Language Code	Specify the code for the language.
Language Name	Specify the name for the language associated with the language code.
Display Direction	Specify the display direction.
Language ISO Code	Specify the language ISO code.

4. Click **Save** to save the details.

The language code is successfully created and can be viewed using the View Language Code screen.

1.30.2 View Language Code

This topic describes the systematic instructions to view the list of configured host codes.

The user can configure language code using Create Language Code screen.

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


- 1. On Home screen, click Core Maintenance. Under Core Maintenance, click Language Code.
- 2. Under Language Code, click View Language Code.

The View Language Code screen displays.

View Language Code		1. ×
2 + 0		₩ 88
Language ISO Code: en	Language ISO Code: 004	
Language Code ENG Language ENGLISH	Language Code SAN Language SAN	
D Authorized 🔓 Open 🖾 3	D Authorized & Open 🖾 1	

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

Field	Description
Language ISO Code	Displays the default branch code associated with the host code.
Language Code	Displays the processing time zone.
Language Name	Displays the host code details.
Authorization Status	Displays the authorization status of the record. The options are: • Authorized • Rejected • Unauthorized
Record Status	Displays the status of the record. The options are: • Open • Closed
Modification Number	Displays the number of modification performed on the record.

Table 1-70 View Language Code – Field Description

1.31 Local Holiday

This topic describes the information to configure a local holiday.

This topic contains the following subtopics:

- Create Local Holiday
 This topic describes the systematic instructions to configure local holidays.
- View Local Holiday This topic describes the systematic instructions to view the list of configured local holidays.

1.31.1 Create Local Holiday

This topic describes the systematic instructions to configure local holidays.

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

- 1. From Home screen, click Core Maintenance. Under Core Maintenance, click Local Holiday.
- 2. Under Local Holiday, click Create Local Holiday.

The Create Local Holiday screen displays.

Figure	1-69	Create	Local	Holiday	y
--------	------	--------	-------	---------	---

Cre	ate	Loca	al Ho	liday	y																	;; ×
Branch	Code										Year										Weekly Holidays	Unexpected Holidays
					Q																	
															Mequ	iied						
J	une 2	023							J	uly 20	23					Au	igust 2	023				
5	м	т	w	т	F	5	s	м	т	н	т	F	5	5	м	т	w	т	F	5	5	
				1	2	3							1			1	2	3	4	5	5	
4	5	6	7	8	9	10	2	3	4	5	6	7	8	6	7	8	9	10	11	12	12	
11	12	15	14	15	16	17	9	10	11	12	13	14	15	15	14	15	16	17	18	19	19	
18	19	20	21	22	23	24	16	17	18	19	20	21	22	20	21	22	23	24	25	2	26	
25	26	7	28	20	30		28	74	25	26	27	28	20	27	28	20	30	31				
		0																				
							50	51														
		Sept	ember	2023					Oct	ober 2	2023					Nov	ember	2023				
5	м	т	w	т	F	s	s	м	т	н	т	t	s	5	м	т	w	т	r	s	\$	
					1	2	1	2	3	4	5	6	7				1	2	3	4	4	
3	4	5	6	7	8	9	8	9	10	11	12	13	14	5	6	7	8	9	10	T	11	
10	11	12	13	14	15	16	15	16	17	18	19	20	21	12	13	14	15	16	17	18	18	
17	18	19	20	21	22	23	22	23	24	25	26	27	28	19	20	21	22	23	24	2	25	
74	25	26	27	28	20	30	20	30	31					26	27	28	20	30				
		Dece	ember	2023					Jan	uary 2	2024					Feb	ruary	2024				
5	м	т	w	т	r	\$	5	м	т	w	т	r	5	5	м	т	w	т	r	5	5	
					1	2		1	2	3	4	5	6					1	2	3	3	
3	4	5	6	7	8	9	7	8	9	10	11	12	13	4	5	6	7	8	9	1	10	
10	11	12	13	14	15	16	14	15	16	17	18	19	20	11	12	13	14	15	16	Ľ	17	
17	18	19	20	21	22	23	21	22	23	24	25	26	27	18	19	20	21	22	23	2	24	
24	25	26	27	28	29	30	28	29	30	31				25	26	27	28	29				
21																						
31																						
		Mi	arch 2	024					A	pril 20	124							N	1ay 20	24		
s	м	т	w	т	F	s	s	м	т	н	т	t	s	s	м	т	w	т	F	s	\$	
					1	2		1	2	3	4	5	6				1	2	3	4	4	
3	4	5	6	7	8	9	7	8	9	10	11	12	13	5	6	7	8	9	10	Ť	π	
10	11	12	13	14	15	16	14	15	16	17	18	19	20	12	13	14	15	16	17	18	18	
17	18	19	20	21	22	23	21	22	23	24	25	26	27	19	20	21	22	23	24	2	25	
74	25	26	77	28	20	30	28	20	30					26	27	28	20	30	71			
24	20	20	47	20	2.7		20	2.9	~					40	£.'	40	2.7	30	51			
31																						

3. Specify the fields on Create Local Holiday screen.



 Table 1-71
 Create Local Holiday – Field Description

Field	Description
Branch Code	Click Search icon to view and select the required branch code.
Year	Specify the year details.
Weekly Holidays	By default, this is disabled. If selected, you can define weekly holidays.

Table 1-71 (Cont.) Create Local Holiday – Field Description

Field	Description
Unexpected	By default, this is disabled.
Holidays	If selected, you can define unexpected holidays.

4. Select the dates using the calendar.

Note:

The selected dates appear in pink highlighted circle.

5. Click **Save** to save the details.

The local holiday is successfully created and can be viewed using the View Local Holiday screen.

1.31.2 View Local Holiday

This topic describes the systematic instructions to view the list of configured local holidays.

The user can configure local holiday using Create Local Holiday screen.

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

- 1. From Home screen, click Core Maintenance. Under Core Maintenance, click Local Holiday.
- 2. Under Local Holiday, click View Local Holiday.

The View Local Holiday screen displays.

Figure 1-70	View Local Holiday
i iguio ± i o	The could hold any

+ 0										8
anch Code: 12	:	Branch Code: SRI	:	Branch Code: JH1	:	Branch Code: ICY	:	Branch Code: RTO		:
nexpected N ear 2018		Unexpected N Year 2018		Unexpected N Year 2021		Unexpected N Year 2019		Unexpected N Year 20	021	
Authorized 🔓 Open	@ 1	🗅 Authorized 🛛 🔓 Open	2 2	🗅 Authorized 🔒 Oper	@1	🗈 Authorized 🔒 Open	@1	C Authorized	🔓 Open	21
ranch Code: 'UB	:	Branch Code: BR5	:	Branch Code: BR5	:	Branch Code: BR5	:	Branch Code: OB1		:
nexpected N ear 2021		Unexpected N Year 2018		Unexpected N Year 2019		Unexpected N Year 2020		Unexpected N Year 20	019	
Authorized 🔓 Open	₫5	🗅 Authorized 🔒 Open	@1	🗅 Authorized 🔒 Open	[2]1	🗅 Authorized 🔒 Open	@1	C Authorized	🔓 Open	@1

Table 1-72 View Local Holiday – Field Description

Field	Description
Branch Code	Displays the code of the branch.



Field	Description
Unexpected Holiday	Indicates if the record is an unexpected holiday.
Year	Displays the year of the holiday.
Authorization Status	Displays the authorization status of the record. The options are: • Authorized • Rejected • Unauthorized
Record Status	Displays the status of the record. The options are: • Open • Closed
Modification Number	Displays the number of modification performed on the record.

Table 1-72 (Cont.) View Local Holiday – Field Description

1.32 Media

This topic describes the information to configure the media.

This topic contains the following subtopics:

- Create Media
 This topic describes the systematic instruction
 - This topic describes the systematic instructions to configure media.
- View Media This topic describes the systematic instructions to view the list of configured media.

1.32.1 Create Media

This topic describes the systematic instructions to configure media.

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

- 1. From Home screen, click Core Maintenance. Under Core Maintenance, click Media.
- 2. Under Media, click Create Media.

The Create Media screen displays.



Mala des Insure Mala descuyion Insure Mais descuyion Insure Mais descuyion Insure Mais descuyion Insure Mais descuyion Insure Mais descuyion Insure Mais descuyion Insure Insu				
Reserve				fedia Code
Rand Reface/prior Repart				
kda Decençion Reser Ada Mander Media Gener Media Gener Media Decenți Media				Required
Active Active <td></td> <td></td> <td></td> <td>ledia Description</td>				ledia Description
Ansard Ansard				
del Nucler Mesage Software Mesage Soft				Required
Maxime menunganan saparata adam pengene Ter Regional Status Media Statusy No. Consider a Ter Regional Status Constant Status				
Addreg forgered	Stop Process	Message Sunix	Message terminator	Edia Mumber
adarg Required TW Residered Safus Media Detering No Of Quarter Two market The Safue The Safue The Safue The Safue The Safue The Safue The Safue The Safue The Safue The Safue The Safue The Safue The Safue The Safue Th				
Image: Compatible Media Image: Compatible Media Image: Compatible Media Image: Compatible Media	No Of Character	Media Priority	TW Required Status	addine Reputred
Nanara	× •	× •		
Media Code Registred		Required	_	-
Kela Code Departe Meda Departe Depar				
Menia Cofe				× 1 •
			Compatible Media	Martia Code
				Required

Figure 1-71 Create Media

3. Specify the fields on **Create Media** screen.



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

Table 1-73	Create	Media –	Field	Description
------------	--------	---------	-------	-------------

Field	Description
Media Code	Specify a unique media code to identify while associating with an advice.
Media Description	Specify additional information about the media.
Media Number	Specify a unique number for the media type.
Message Terminator	Specify the padded characters to mark the end of an incoming messages.
Message Suffix	Specify the padding characters to mark the end of an outgoing messages.
Stop Process	By default, this option is disabled. If selected, halts the processing of incoming and outgoing messages.
Padding Required	By default, this option is disabled. If selected, pads the characters in every outgoing messages.
TW (Test Word) Required Status	By default, this option is disabled. If selected, enables the option for word testing.
Media Priority	Specify the media priority from the spin box. When a message is dispatched to the customers, the media type used for sending the messages will be the one that is on high priority.
Number of Character	Specify the number the padding characters should be repeated for the advice from the spin box.
Media Code	Specify the unique media code to identify while associating with an advice.
Compatible Media	By default, this option is disabled. If selected, indicates the media is compatible.

4. Click + to add media details.

5. Click Save to save the details.

The media is successfully created and can be viewed using the View Media screen.

1.32.2 View Media

This topic describes the systematic instructions to view the list of configured media.

The user can configure media using Create Media screen.

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

- 1. From Home screen, click Core Maintenance. Under Core Maintenance, click Media.
- 2. Under Media, click View Media.

The View Media screen displays.



iew Media					
2 + Q					
Media: test_media		:	Media: Email		:
Media No -			Media No -		
D Authorized	🗄 Open	図1	D Authorized	🔓 Open	1
Page 1		of 1	(1-2 of 2 items)	K + []	
Page 1		of 1	(1 - 2 of 2 items)	K + 1	* >I

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

Table 1-74 View Media – Field Description

Field	Description	
Media	Displays the name of the media.	
Media Number	Displays the number of the media.	
Authorization Status	Displays the authorization status of the record. The options are: • Authorized • Rejected • Unauthorized	
Record Status	Displays the status of the record. The options are: • Open • Closed	
Modification Number	Displays the number of modification performed on the record.	

1.33 MIS Class

This topic describes the information to configure an MIS Class.

Management Information System (MIS) Class represents an entity type for which financial institutions or banks can generate reports. Banks can have multiple entities to configure the MIS classes.

This topic contains the following subtopics:

ORACLE

- MIS Class Maintenance This topic describes the systematic instructions to configure the MIS Class.
- MIS Class Summary This topic describes the systematic instructions to view the list of configured MIS Class.

1.33.1 MIS Class Maintenance

This topic describes the systematic instructions to configure the MIS Class.

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

- 1. On Home screen, click Core Maintenance. Under Core Maintenance, click MIS Class.
- 2. Under MIS Class, click Create MIS Class.

The Create MIS Class screen displays.

Create MIS Class					;:×
MIS Cless	Required	Description Pequired	MIS Type Select An Option	Mandatory	
MIS Code Details					+
	Action 0	MIS Code	Description 0	Active	
No data to display.					
					Cancel Save

Figure 1-73 Create MIS Class

3. Specify the fields on Create MIS Class screen.



Table 1-75 Cleale MIS Class - Field Descript	Table 1-75	Create MIS	Class - F	Field	Descriptio	on
--	------------	------------	-----------	-------	------------	----

Field	Description	
MIS Class	MIS Class across which the report must be generated. For example, if CASA reports must be taken, MIS class can be CASA .	
Description	Provide MIS Class description.	



Field	Description
MIS Type	 Select the appropriate MIS type. The available options are: Transaction Class Composite Class Customer Class Transaction Class - For profitability reports Composite Class - Combination of customer and Transaction type of MIS class to view the details of different kind of funds like Mutual Funds, growth funds and income funds. Bank can define Funds as the MIS class. Customer Class - MIS class belongs to a customer type for generating profitability report of a customer.
Mandatory	Select the toggle to make the MIS Code mandatory. If mandatory toggle is on, MIS codes to be linked to the class must be provided.

Table 1-75 (Cont.) Create MIS Class – Field Description

- 4. Click to add the MIS Code to the MIS Class respectively.
- 5. Click Save to save the details.

+

The MIS Class is successfully created and can be viewed using the MIS Class Summary screen.

6. Click **Cancel** to discard the changes and close the screen.

1.33.2 MIS Class Summary

This topic describes the systematic instructions to view the list of configured MIS Class.

The user can configure an MIS Class using MIS Class Maintenance screen.

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

- 1. On Home screen, click Core Maintenance. Under Core Maintenance, click MIS Class.
- 2. Under MIS Class, click View MIS Class.

The View MIS Class screen displays.

+ 4					
VIS Cless: SECTOR	MS Class: LOCATION	MIS Class: JEKDK	MIS Class: CLSO1	MIS Class: CATEGORY :	MIS Cless: Cost :
Description Sector MIS Type T	Description Composite Class1 MIS Type O	Description sjdlfksl MIS Type T	Description MIS class 001 MIS Type T	Description Customer Category MIS Type C	Description Cost centre MIS Type C
C Authorized 🔓 Open 🖾 3	D Authorized & Open 1	🗅 Unauthorized 🔒 Open 🖾 1	D Authorized 🔓 Open 🖾 1	D Authorized & Open 1	D Authorized 🔓 Open 🖾 1
AIS Cless: KYX	MIS Class: AREA	MIS Cless: testcls1	MIS Cless: 4543		
Description test MIS Type O	Description Area of Operation MIS Type T	Description fffff MIS Type T	Description hgjhg MIS Type T		
Unauthorized 🔓 Open 🕼 1	D Authorized 🔓 Open 🖄 1	DAuthorized 🔓 Open 🗹 1	🗅 Unauthorized 🔓 Open 🔯 1		



Field	Description		
MIS Class	Displays the configured MIS Class.		
Description	Displays the description of the MIS Class.		
MIS Type	Displays the type of MIS Class.		
Authorization Status	Displays the authorization status of the record. The options are: • Authorized • Rejected • Unauthorized		
Record Status	Displays the status of the record. The options are: • Open • Closed		
Modification Number	Displays the number of modification performed on the record.		

Table 1-76 View MIS Class – Field Description

1.34 MIS Group

This topic describes the information to configure an MIS Group.

MIS Group user interface facilitates in grouping of several MIS Entities or MIS Classes. MIS group that is created is linked to an account or product or transaction. Based on the MIS classes or entities linked to it, various kind of reports can be generated which helps the banks in performing further analysis.

This topic contains the following subtopics:

- MIS Group Maintenance This topic describes the systematic instructions to configure the MIS group.
- MIS Group Summary This topic describes the systematic instructions to view the list of configured MIS group.

1.34.1 MIS Group Maintenance

This topic describes the systematic instructions to configure the MIS group.

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

- 1. On Home screen, click Core Maintenance. Under Core Maintenance, click MIS Group.
- 2. Under MIS Group, click Create MIS Group.

The Create MIS Group screen displays.



MIS Group	Description			
Required		Required		
Customer Class		Composite Class		Transaction Class
MIS Class 1	MIS Code		Description	
		Q		
MIS Class 2	MIS Code		Description	
		Q		
MIS Class 3	MIS Code		Description	
		0		

Figure 1-75 Create MIS Group

3. Specify the fields on Create MIS Group screen.

Note: The fields marked as Required are mandatory.

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

Table 1-77	Create MIS	Group - Field	Description
------------	------------	---------------	-------------

Field	Description
MIS Group	Specify the MIS Group that need to be linked to an account/ product/transaction. MIS Group to be provided
Description	Specify the description about the mentioned MIS Group.
Customer MIS	Search the MIS Code that was maintained across the listed Customer MIS Class, in MIS Class maintenance screen. Customer MIS Classes maintained in MIS Class screen will be listed automatically.
Transaction MIS	Search the MIS Code that was maintained across the listed Transaction MIS Class, in MIS Class maintenance screen. Transaction MIS Classes maintained in MIS Class screen will be listed automatically.
Composite MIS	Search the MIS Code that was maintained across the listed Composite MIS Class, in MIS Class maintenance screen. Composite MIS Classes maintained in MIS Class screen will be listed automatically.

4. Click Save to save the details.

The MIS Group is successfully created and can be viewed using the MIS Group Summary screen.

5. Click **Cancel** to discard the changes and close the screen.

1.34.2 MIS Group Summary

This topic describes the systematic instructions to view the list of configured MIS group.

The user can configure an MIS Group using MIS Group Maintenance screen.



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

- 1. On Home screen, click Core Maintenance. Under Core Maintenance, click MIS Group.
- 2. Under MIS Group, click View MIS Group.

The View MIS Group screen displays.

Figure 1-76 View MIS Group

+ 0					
IIS Group:	MIS Group:	MIS Group:	MIS Group:	MIS Group:	MIS Group:
MIS Group MIG_GROUP1 Nescription LARGE	MIS Group TESTGRP1 Description dfdfd	MIS Group SAVINF Description SAVINF	MIS Group CABINF Description CABINF	MIS Group MNCCUR Description MNCCUR	MIS Group MIS Description MIS
Authorized 🔓 Open 🖾 ó	🗅 Unauthorized 🔓 Open 🖾 2	🗅 Authorized 🔓 Open 🖾 1	🗅 Authorized 🔓 Open 🖾 1	D Authorized & Open 🖾 1	🗅 Unauthorized 🔓 Open 🖾 1
IIS Group:	MIS Group:	MIS Group:	MIS Group:		
AllS Group MIS1 Rescription MIS1	MIS Group TEST1 Description Test	MIS Group GRP01 Description MIS group 001	MIS Group 6786 Description gygjhgyuff		
Unauthorized 🔓 Open 🕅 1	🗅 Unauthorized 🔓 Open 🔯 1	D Authorized 🔓 Open 🖉 1	🗅 Unauthorized 🔓 Open 🔯 1		

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

Table 1-78	View MIS Group – Field Description	
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Field	Description
MIS Group	Displays the name of the MIS group.
Description	Displays the description of the MIS group.
Authorization Status	Displays the authorization status of the record. The options are: • Authorized • Rejected • Unauthorized
Record Status	Displays the status of the record. The options are: • Open • Closed
Modification Number	Displays the number of modification performed on the record.

1.35 Multi-Currency Account Linkage

This topic describes the information to link the sub-accounts to a core multi-currency account.

This topic contains the following subtopics:

Create MCA Linkage

This topic describes the systematic instructions to link the sub-accounts to a core multicurrency account.

• View MCA Linkage

This topic describes the systematic instructions to view the list of configured sub-accounts to a core multi-currency account.



1.35.1 Create MCA Linkage

This topic describes the systematic instructions to link the sub-accounts to a core multicurrency account.

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

- 1. On Home screen, click Core Maintenance. Under Core Maintenance, click Multi-Currency Account Linkage.
- 2. Under Multi-Currency Account Linkage, click Create MCA Linkage.

The Create MCA Linkage screen displays.

ulti-Currency Account No			
Required			
ub Accounts			
urrency Code	Account Number	Primary 0	Action 0
o data to display.			
-	1 > >		
ge 1 (0 of 0 items) < ∢			
ge 1 (0 of 0 items) < ∢			
ge 1 (0 of 0 items) < ∢ _			
ge 1 (0 of 0 items) K 4			
ge 1 (0 of 0 items) < ∢ [

Figure 1-77 Create MCA Linkage

3. Specify the fields on Create MCA Linkage screen.



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

Table 1-79 Create MCA Linkage – Field Description

Field	Description
Multi-Currency Account No	Click Search icon to view and select the multi-currency account number from the list of values.
Sub Accounts	Displays the details of the sub accounts.
Currency Code	Specify the currency code of the sub account.
Account Number	Specify the account number of the sub account.
Primary	Select Yes, if the sub account is Primary. If it is not Primary, select No.

4. Click **Save** to save the details.

The MCA linkage is successfully created and can be viewed using the View MCA Linkage screen.



1.35.2 View MCA Linkage

This topic describes the systematic instructions to view the list of configured sub-accounts to a core multi-currency account.

The user can configure MCA linkage using Create MCA Linkage screen.

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

- 1. From Home screen, click Core Maintenance. Under Core Maintenance, click Multi-Currency Account Linkage.
- 2. Under Multi-Currency Account Linkage, click View MCA Linkage.

The View MCA Linkage screen displays.

Figure 1-78 View MCA Linkage

Multi-Currency Account Number: CUST000001
Customer WYNCUST41
🗅 Authorized 🔓 Open 🖾 2

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

Table 1-80 View MCA Linkage – Field Description

Field	Description
Multi-Currency Account Number	Displays the multi-currency account number.
Customer Number	Displays the customer number.
Authorization Status	Displays the authorization status of the record. The options are: • Authorized • Rejected • Unauthorized
Record Status	Displays the status of the record. The options are: • Open • Closed
Modification Number	Displays the number of modification performed on the record.

1.36 Process Code

This topic describes the information to set the process code to the individual stages according to the process.

This topic contains the following subtopics:



- Process Code Maintenance This topic describes the systematic instructions to define the stages for a particular process.
- View Process Code This topic describes the systematic instructions to view the list of configured process codes.

1.36.1 Process Code Maintenance

This topic describes the systematic instructions to define the stages for a particular process.

The process code information in this screen will be used in further business processing to construct the stages.

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

1. On Home screen, click Core Maintenance. Under Core Maintenance, click Process Code.

The **Process Code** screen displays.

Figure 1-79 Process Code

Create Process Code									
cess Code		Process Descri	ption Re	equired	Process Versi	on Requ	ied	Domain	Required
Stage ID	Stage Description	Seq Order	Source Stage	Task Type					
lo Data to Display					Add Bow				
Phase Code	Phase Description		Seq Order	Stage ID					
lo Data to Display					Add Row				

2. Specify the fields on **Process Code** screen.



Table 1-81 Process Code – Field Description

Field	Description
Process Code	Specify the code.
Process Name	Specify the process name.



Field	Description
Process Version	Specify the process version.
Domain	Specify the process domain.
Stage ID	Specify the unique stage ID.
Stage Description	Specify the stage description.
Seq Order	Displays the sequential order of the stage in the entire process.
Source Stage	Select it to indicate if the specific stage is the source stage of the process.
Add Row	Click Add Row to add a row and to capture the stage details that needs to be mapped to the process code.
Delete Row	Click Delete Row to delete a row with stage details.
Phase Code	Specify the phase code.
Phase Description	Specify the phase description.
Seq Order	Displays the sequential order of the phase.
Stage ID	Select the stage ID from the drop down list. Available options in the drop-down will be based on Stage ID mentioned at Process Code level.
Add Row	Click Add Row to add a row and to capture the phase details that needs to be mapped to the process code.
Delete Row	Click Delete Row to delete a row with phase details.

Table 1-81 (Cont.) Process Code – Field Description

3. Click **Save** to save the details.

The process code is successfully created and can be viewed using the View Process Code screen.

1.36.2 View Process Code

This topic describes the systematic instructions to view the list of configured process codes.

The user can configure process code using Process Code Maintenance screen.

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

- 1. On Home screen, click Core Maintenance. Under Core Maintenance, click Process Code.
- 2. Under Process Code, click View Process Code.

The View Process Code screen displays.

+ 0					
Process Code: SMBLN1	Process Code: CURORG	Process Code: CPOB	Process Code: PAMD :	Process Code: RLNORG	Process Code: FPAM :
Process SMB Loan Origination Process Code SMBLN1	Process Current Account Process Code CURORG	Process Corporate Party Process Code CPOB	Process PartyAmendment Process Code PAMD	Process Retail Loan Originati Process Code RLNORG	Process Financial Institution Process Code FPAM
🗅 Authorized 🔓 Open 🖾 1	D Authorized 🔓 Open 🖾 1	🗘 Authorized 🔓 Open 🖾 1	🗅 Authorized 🔓 Open 🖾 1	🗅 Authorized 🔓 Open 🖾 1	D Authorized 🔓 Open 🖾 1
Process Code: INSTANTACC	Process Code: SAVORG	Process Code: TDORG	Process Code: SMB001		
Process INSTANTACCOUNT Process Code INSTANTACC	Process Savings Account Process Code SAVORG	Process Term Deposit Process Code TDORG	Process Small and Medium Process Code SMB001		
🕻 Authorized 🔓 Open 🖉 1	🔁 Authorized 🔓 Open 🖉 1	🔁 Authorized 🔓 Open 🖉 1	🕻 Authorized 🔓 Open 🖉 1		

Figure 1-80 View Process Code



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

Field	Description	
Process Code	Displays the process code.	
Description	Displays the description of process code.	
Authorization Status	Displays the authorization status of the record. The options are: • Authorized • Rejected • Unauthorized	
Record Status	Displays the status of the record. The options are: • Open • Closed	
Modification Number	Displays the number of modification performed on the record.	

 Table 1-82
 View Process Code – Field Description

1.37 Priority Code

This topic describes the information to configure an Priority Code.

Priority Code defines the priority of the application. They can be mapped to a particular customer for specific process codes.

This topic contains the following subtopics:

- Priority Code Maintenance This topic describes the systematic instructions to view the list of configured Priority Code Maintenance.
- Customer Priority Maintenance

This topic describes the systematic instructions to view the list of configured Customer Priority Maintenance.

1.37.1 Priority Code Maintenance

This topic describes the systematic instructions to view the list of configured Priority Code Maintenance.

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

- 1. On Home screen, click Core Maintenance. Under Core Maintenance, click Priority Code.
- 2. Under Priority Code, click Priority Code Maintenance.

The Priority Code Maintenance screen displays.



Figure 1-81 Priority Code Maintenance

2.0		8= 88
_{Name:} Priority Code Maintenance	:	
Maker TRMAINT01		
🗅 Authorized 🔒 Open		
age 1	of 1 (1 - 1 of 1 items) < (1) >	

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

 Table 1-83
 Priority Code Maintenance – Field Description

Field	Description	
Name	Displays the name of the priority code configured.	
Authorization Status	Displays the authorization status of the record. The options are: • Authorized • Rejected • Unauthorized	
Record Status	Displays the status of the record. The options are: • Open • Closed	
Modification Number	Displays the number of modification performed on the record.	

1.37.2 Customer Priority Maintenance

This topic describes the systematic instructions to view the list of configured Customer Priority Maintenance.

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

- 1. On Home screen, click Core Maintenance. Under Core Maintenance, click Priority Code.
- 2. Under Priority Code, click Customer Priority Maintenance.

The Customer Priority Maintenance screen displays.



Figure 1-82 Customer Priority Maintenance

(+ 0		
Customer Name: ACME CORPORATION	Customer Name: ABXP829	
Customer 001222 Maker Id ATMAKER4	Customer 000530 Maker Id ATMAKER4	
	Unauthorized 🔓 Open 🖾 0	

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

 Table 1-84
 Customer Priority Maintenance – Field Description

Field	Description	
Customer Name	Displays the name of the customer priority configured.	
Customer Code	Displays the code of the customer priority.	
Authorization Status	Displays the authorization status of the record. The options are: • Authorized • Rejected • Unauthorized	
Record Status	Displays the status of the record. The options are: • Open • Closed	
Modification Number	Displays the number of modification performed on the record.	



3. Click button to configure the new customer priority maintenance.

The **Customer Priority Maintenance** screen displays.

tomer Number	Customer Name	Branch		
Q		DMO-FIELD OFFICE	-	
Required				
Process Code	Process Name		Priority	Edit
No data to display.				
				en market and the second se

Figure 1-83 Customer Priority Maintenance

4. Specify the fields on **Customer Priority Maintenance** screen.



Field	Description
Customer Number	Select the Customer number from list for which priority needs to be mapped. Retrieves list of existing customers.
Customer Name	Displays the name of the selected customer. It is read-only. Populates value of customer name.
Branch	Select the branch of the customer from the drop-down list. This is user specific.
+	Click '+' icon to add the new row for the process codes configuration. This is for new customer priority mapping.
Process Code	Select the process code form the list for defining the priority. Process code for that flow.
Process Name	Displays the name of the selected process code. It is read-only. Populates value of process name.
Priority	Select the priority of the process code from the drop-down list. Specific priority to be assigned.
Edit	Click the Edit action button to modify the details.

Table 1-85	Customer Priority	/ Maintenance –	Field Description
------------	-------------------	-----------------	--------------------------



1.38 Pricing Source System

This topic describes the information to configure the pricing source system.

This topic contains the following subtopics:

- Create Pricing Source System
 This topic describes the systematic instructions to configure pricing source system details.
- View Pricing Source System
 This topic describes the systematic instructions to view the list of configured Pricing Source system.

1.38.1 Create Pricing Source System

This topic describes the systematic instructions to configure pricing source system details.

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

- **1.** From Home screen, click Core Maintenance. Under Core Maintenance, click Pricing Source System.
- 2. Under Pricing Source System, click Create Pricing Source System.

The Create Pricing Source System screen displays.

Create Pricing Source System			Errors & Overrides
cing Source System	Pricing Source Description		
Required			

Figure 1-84 Create Pricing Source System

3. Specify the fields on Create Pricing Source System screen.



Table 1-86 Create Pricing Source System – Field Description

Field	Description
Pricing Source System	Specify the pricing source system.
Pricing Source Description	Specify the additional information about the Pricing Source system.

4. Click Save to save the details.

The pricing source system is successfully created and can be viewed using the View Pricing Source System screen.

1.38.2 View Pricing Source System

This topic describes the systematic instructions to view the list of configured Pricing Source system.

The user can configure the pricing source system using Create Pricing Source System screen.

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

- 1. On Home screen, click Core Maintenance. Under Core Maintenance, click Pricing Source System.
- 2. Under Pricing Source System, click View Pricing Source System.

The View Pricing Source System screen displays.

Figure 1-85 View Pricing Source System

View Pricing Source System	;; ×
2 + 0	E B
Pricing Source System: TeSt1 :	
Pricing Sourc test	
🗋 Unauthorized 🔓 Open 🔯 1	

Table 1-87 View Pricing Source System – Field Description

Field	Description
Pricing Source System	Displays the name of the Pricing Source system.
Pricing Source System Description	Displays any additional information of the Pricing Source system.
Authorization Status	Displays the authorization status of the record. The options are: • Authorized • Rejected • Unauthorized



Field	Description
Record Status	Displays the status of the record. The options are: • Open • Closed

Table 1-87 (Cont.) View Pricing Source System – Field Description

1.39 Resource Class

This topic describes the information to configure an Resource Class.

This topic contains the following subtopics:

- Create Resource Class This topic describes the systematic instructions to configure the resource class.
- View Resource Class This topic describes the systematic instructions to view the list of configured resource class.

1.39.1 Create Resource Class

This topic describes the systematic instructions to configure the resource class.

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

- 1. On Home screen, click Core Maintenance. Under Core Maintenance, click Resource Class.
- 2. Under Resource Class, click Create Resource Class.

The Create Resource Class screen displays.

Create Resource Class		:: ×
Code Enter Resource Class Code Requires	Description Enter Resource Class Desc. Regulars	
Kernel Domains		
Q Required Data Segments		
+		
Constin	URL	
Data Segments		
		Cancel Save

Figure 1-86 Create Resource Class

3. Specify the fields on Create Resource Class screen.



Note:

The fields marked as **Required** are mandatory.

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

Table 1-88 Create Resource Class –	Field Description
------------------------------------	-------------------

Field	Description
Code	Specify the Code for the resource class to configure.
Description	Specify the description for the code.
Kernel Domains	This section provides the information related to kernel domains.
+	Click this icon to add the new kernel domain.
Domains	Click Search and select the domain from the list
Data segments	Click '+' and select the required data segments for the domain to be configured
Extended Domain	This section provides the information related to extended domains.
Ŧ	Click this icon to add the new extended domain.
Domains	Click Search and select the domain from the list.
URL	Specify the URL of the selected domain.
Data segments	Click '+' and select the required data segments for the domain to be configured.

4. Click **Save** to save the details.

The resource class is successfully created and can be viewed using the **View Resource Class** screen.

5. Click **Cancel** to discard the changes and close the screen.

1.39.2 View Resource Class

This topic describes the systematic instructions to view the list of configured resource class.

The user can configure an resource class using **Create Resource Class** screen.

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

- 1. On Home screen, click Core Maintenance. Under Core Maintenance, click Resource Class.
- 2. Under Resource Class, click View Resource Class.

The View Resource Class screen displays.



0																
tesource Class Code: DDDDD	:	Resource Class Code: sdfsdf		:	Resource Class Code: RESOURCE1		:	Resource Class Code: Resource 2		:	Resource Class Code: RESOURCE		:	Resource Class Code: RESR		:
Resource Classdfsdfsdfsdf		Resource Classdfs	sdfsdf		Resource Clasdes	cription		Resource Clasde	vc		Resource Clasdes	cription		Resource Clasdsf	sdf	
🗅 Authorized 🔒 Open	₫3	D Unauthorized	🔓 Open	@1	D Unauthorized	🔓 Open	@1	D Unauthorized	🔓 Open	₫4	D Unauthorized	🔓 Open	@1	D Unauthorized	🔓 Open	⊠1
Resource Class Code: DEVRES1	:	asddsad		:												
Resource Clastest		Resource Clas asd	sad													
🗅 Unauthorized 🛛 🔓 Open	図1	D Unauthorized	🔓 Open	图1												

Figure 1-87 View Resource Class

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

 Table 1-89
 View Resource Class – Field Description

Field	Description
Resource Class Code	Displays the code of the resource class.
Resource Class Description	Displays the description of the resource class.
Authorization Status	Displays the authorization status of the record. The options are: • Authorized • Rejected • Unauthorized
Record Status	Displays the status of the record. The options are: • Open • Closed
Modification Number	Displays the number of modification performed on the record.

1.40 SLA Maintenance

This topic describes the information to configure an SLA maintenance.

This topic contains the following subtopics:

- Create SLA Maintenance This topic describes the systematic instructions to configure the SLA maintenance.
- View SLA Maintenance This topic describes the systematic instructions to view the list of configured SLA maintenance.

1.40.1 Create SLA Maintenance

This topic describes the systematic instructions to configure the SLA maintenance.

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

- 1. On Home screen, click Core Maintenance. Under Core Maintenance, click SLA Maintenance.
- 2. Under SLA Maintenance, click Create SLA Maintenance.

The Create SLA Maintenance screen displays.

Figure 1-88 Create SLA Maintenance

Create SLA				:: ×
Product/Application Code	Product/Application Name			
٩				
Required Business Process Code	Business Process Name	Branch	Branch Working Hours	
		006-Bank Futura - Integrated E 💌	0	
Version Number	Include for SLA calculation			
	Branch Holidays Currency Holidays Hol	d Time 🛛 Customer Clarification 🗌 Off-Branch Time Transaction		
			Calculate	

3. Specify the fields on Create SLA Maintenance screen.

Note: The fields marked as Required are mandatory.

Fable 1-90	Create SLA Maintenance	 Field Description
------------	------------------------	---------------------------------------

Field	Description
Product/Application Code	Click Search icon and select the Product or Application Code.
Product/Application Name	Displays the name of the Product/Application.
Business Process Code	Click Search icon and select the Business Process Code for which the SLA maintenance has to be made.
Business Process Name	Displays the Business Process name based on the Business Process code selected.
Branch	Select the branch code for which SLA maintenance has to be done.
Branch Working Hours	Click the icon to view the branch working hours.
Include for SLA Calculation	Select the checkbox to consider the below options for the SLA calculation. The available options are: Branch Holidays Currency Holidays Hold Time Customer Clarification Off Branch Time Transactions

- 4. Click Calculate to view data will appear for the selected Business process code
- 5. Click **Save** to save the details.



The SLA Maintenance is successfully created and can be viewed using the View SLA Maintenance screen.

6. Click **Cancel** to discard the changes and close the screen.

1.40.2 View SLA Maintenance

This topic describes the systematic instructions to view the list of configured SLA maintenance.

The user can configure an SLA maintenance using Create SLA Maintenance screen.

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

- 1. On Home screen, click Core Maintenance. Under Core Maintenance, click SLA Maintenance.
- 2. Under SLA Maintenance, click View SLA Maintenance.

The View SLA Maintenance screen displays.

- 0					8
ss Code:	Process Code:	Process Code:	Process Code:	Process Code:	
AMD :	SGTISS :	ILCISS :	EDCLIQ :	GTEAMD :	
cation TRMO	Application TRMO	Application TRMO	Application TRMO	Application TRMO	
on 1	Version 2	Version 3	Version 1	Version 1	
rr KIRANO2	Maker RAKESH02	Maker PRATHIBA01	Maker SUNDAR02	Maker APARNA2	
uthorized 🔓 Open 🖾 1	🗅 Unauthorized 🔓 Open 🖾 2	D Authorized	🗅 Unauthorized 🔓 Open 🖾 1	🗅 Unauthorized 🔓 Open 🖾 1	
ss Code:	Process Code:	Process Code:	Process Code:	Process Code:	
UPD :	ILCAMD :	IDCBKG :	ELCADV :	EDCUPD :	
cation TRMO	Application TRMO	Application TRMO	Application TRMO	Application TRMO	
on 1	Version 1	Version 1	Version 2	Version 1	
sr SUNDAR02	Maker SUJANA01	Maker SUNDAR02	Maker SUNDAR02	Maker APARNA2	
nauthorized 🔓 Open 🖾 1	🗅 Unauthorized 🔓 Open 🖾 1	🗈 Authorized 🔒 Open 🖾 1	🗅 Unauthorized 🔓 Open 🖾 2	🗅 Unauthorized 🔓 Open 🖾 1	

Figure 1-89 View SLA Maintenance

Table 1-91 View SLA Maintenance – Field Description

Field	Description
Process Code	Displays the process code of the SLA Maintenance configured.
Application	Displays the name of the application
Authorization Status	Displays the authorization status of the record. The options are: • Authorized • Rejected • Unauthorized
Record Status	Displays the status of the record. The options are: • Open • Closed
Modification Number	Displays the number of modification performed on the record.



1.41 Screenclass

The maintenance screens of Oracle Banking Microservices Architecture product which are based on Resource Segment Orchestrator uses the screen class maintenance to maintain the list of data segments that are part of the maintenance screens.

The process flow-based screens of Oracle Banking Microservices Architecture product also use the screen class maintenance screen as part of the Business process maintenance screen of the product. Accordingly the data segments maintained as part of the screen class will be loaded when the process flow based screens are loaded.

This topic contains the following subtopics:

- Create Screenclass This topic describes the systematic instructions to configure the Screenclass.
 - View Screenclass The summary screen provides a list of configured Screenclass Maintenance screen. You can configure the Create Screenclass details using the. To process this screen, perform the following steps.

1.41.1 Create Screenclass

This topic describes the systematic instructions to configure the Screenclass.

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

- 1. On Home screen, click Core Maintenance. Under Core Maintenance, click Screenclass.
- 2. Under Screenclass, click Create Screenclass.

The Create Screenclass screen displays.

Create Screenclass				:: ×
Code	Description	Domain Q Decisient	Breadcrumb Position	
Resource Flag	rogen cu	ndemo		
Add Datasegments				τ
No Data Available				
			Cancel	Save

3. Specify the fields on Create Screenclass screen.





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

Field	Description	
Code	Use this field to specify the screen class code that will be mapped to a resource class or used in the business process maintenance screen.	
Description	This describes the list of data segments which are part of the screen class.	
Domain	This describes the domain for which the screen class is created. It is a pick list and examples of the domain are Oracle Banking Party nd Common Core.	
Breadcrumb Position	The data segments of the screen class will be loaded as part of the breadcrumbs. The position of the breadcrumb can be on the top cleft.	
Resource Flag	Select the toggle to enable the resource class code. This indicates that the Screen class is to be associated with a resource class.	
Resource Class Code	Click Search icon and select the resource class code from the list. This indicates the resource class is mapped to the screen class. Based on the Resource class and the screen class mapping the data segments of the screen class are loaded when the resource is loaded. For example, the account class maintenance screen is a resource.	
	Note: This field is active only if Resource Flag toggle is enabled.	

 Table 1-92
 Create Screenclass – Field Description

4. Click **Save** to save the details.

The Screenclass is successfully created and can be viewed using the View Screenclass screen.

5. Click **Cancel** to discard the changes and close the screen.

1.41.2 View Screenclass

The summary screen provides a list of configured **Screenclass Maintenance** screen. You can configure the Create Screenclass details using the. To process this screen, perform the following steps.

The user can configure an Screenclass using Create Screenclass screen.

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

- 1. On Home screen, click Core Maintenance. Under Core Maintenance, click Screenclass.
- 2. Under Screenclass, click View Screenclass.

The View Screenclass screen displays.



+ 0					
ScreenClass Code: CMC_CHARGERULE	ScreenClass Code: OBPY_ORG_MAINTENANCE	ScreenCless Code: OBCMS_CASHFLOWMAINT	ScreenClass Code: OBSCFCM_CHARGE	ScreenClass Code: abc	ScreenClass Code: OBCMS_ARRANGEMENT
ScreenClass Common Core Charg	ScreenClass OBPY ORGANIZATIO	ScreenClass Cashflow Maintenanc	ScreenClass Charge Master	ScreenClass 123	ScreenClass Arrangement
🗅 Authorized 🔓 Open 🖾 1	🗅 Authorized 🔓 Open 🖾 1	🗅 Authorized 🔓 Open 🖾 1	🗅 Authorized 🔓 Open 🖾 1	🗅 Unauthorized 🔓 Open 🖾 1	🗅 Unauthorized 🔓 Open 🖾 7
icreenClass Code: OBCMS_PO_MANAGEMENT	ScreenClass Code: OBCMS_PRODUCT	ScreenClass Code: OBCMS_LOCATION	ScreenClass Code: OBCMS_CORPORATE_EN		
ScreenClass OBCMS_PO_MANAGEM	ScreenClass Product	ScreenClass Location Master	ScreenClass Corporate Enrichmen		
🗈 Authorized 🔒 Open 🖾 2	D Authorized 🔓 Open 🖾 1	D Authorized 🔓 Open 🖾 1	🗈 Authorized 🔒 Open 🖾 4		

Figure 1-91 View Screenclass

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

Table 1-93 View Screenclass – Field Description

Field	Description
Screenclass Code	Displays the code of screenclass.
Screenclass Description	Displays the description of screenclass.
Status	Displays the status of the record.
Modification Number	Displays the number of modification performed on the record.

1.42 State Code

This topic describes the information to configure an State Code.

This topic contains the following subtopics:

- Create State Code This topic describes the systematic instructions to configure the State Code.
- View State Code This topic describes the systematic instructions to view the list of configured State Code.

1.42.1 Create State Code

This topic describes the systematic instructions to configure the State Code.

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

- 1. On Home screen, click Core Maintenance. Under Core Maintenance, click State Code.
- 2. Under State Code, click Create State Code.

The Create State Code screen displays.



ate code	State Name	Country Code		
TE	Texas	US	Q	

Figure 1-92 Create State Code

3. Specify the fields on **Create State Code** screen.



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

Table 1-94 Create State Code – Field Description

Field	Description	
State Code	Specify the code of the state.	
State Name	Specify the name of the state.	
Country Code	Click Search icon and select the country code for the state to be configured.	

4. Click **Save** to save the details.

The State Code is successfully created and can be viewed using the View State Code screen.

5. Click **Cancel** to discard the changes and close the screen.

1.42.2 View State Code

This topic describes the systematic instructions to view the list of configured State Code.

The user can configure an State Code using Create State Code screen.

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

- 1. On Home screen, click Core Maintenance. Under Core Maintenance, click State Code.
- 2. Under State Code, click View State Code.

The View State Code screen displays.



+ Q					
ate Code: N-KL :	State Code: KL1	State Code: KL :	State Code:	State Code: AK :	
täte Name Kerala State O Numeric	State Name Kerala ISO Numeric	State Name Kerala ISO Numeric	State Name Alabama ISO Numeric	State Name Alaska ISO Numeric	
Authorized 🔓 Open 🖾 4	🗅 Unauthorized 🔓 Open 🖾 1	🗅 Unauthorized 🔓 Open 🖾 1	🗈 Authorized 🔓 Open 🖾 1	🗈 Authorized 🔓 Open 🖾 1	
ate Code: S :	State Code: AZ	State Code: AR	State Code: CA	State Code: CO	
ate Name American Samoa D Numeric	State Name Arizona ISO Numeric	State Name Arkansas ISO Numeric	State Name California ISO Numeric	State Name Colorado ISO Numeric	
Authorized 🔓 Open 🖾 1	🗅 Authorized 🔓 Open 🖾 1	🗅 Authorized 🔓 Open 🖾 1	🗈 Authorized 🔓 Open 🖾 1	🗅 Authorized 🔓 Open 🖾 1	

Figure 1-93 View State Code

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

 Table 1-95
 View State Code – Field Description

Field	Description	
State Code	Displays the State code.	
State Name	Displays the name of state code.	
ISO Numeric	Displays the ISO numeric.	
Authorization Status	Displays the authorization status of the record. The options are: • Authorized • Rejected • Unauthorized	
Record Status	Displays the status of the record. The options are: • Open • Closed	
Modification Number	Displays the number of modification performed on the record.	

1.43 System Dates

This topic describes the information to view the system date details.

This topic contains the following subtopics:

View System Dates

This topic describes the systematic instructions to view the list of configured system dates.

1.43.1 View System Dates

This topic describes the systematic instructions to view the list of configured system dates.

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

- 1. From Home screen, click Core Maintenance. Under Core Maintenance, click System Dates.
- 2. Under System Dates, click View System Dates.



The View System Dates screen displays.

Figure 1-94 View System Dates

l O						8 <u>=</u> 88
Branch Code: BRO	Branch Code: 901	Branch Code: BR7 :	Branch Code: 003	Branch Code: 009	Branch Code: 063 :	
Today's Date 2018-03-30	Today's Date 2018-03-30	Today's Date 2018-03-30	Today's Date 2018-03-30	Today's Date 2015-05-12	Today's Date 2017-05-02	
D Authorized 🔓 Open 🖾 1						
Branch Code: 207	Branch Code: 545	Branch Code: KP9	Branch Code: OL3			
Today's Date 2018-03-30	Today's Date 2012-03-27	Today's Date 2018-03-30	Today's Date 2017-04-01			
D Authorized 🔓 Open 🖄 1	D Authorized 🔓 Open 🖄 1	D Authorized 🔓 Open 🖄 1	🗋 Authorized 🔓 Open 🖾 1			
D Authorized 🔓 Open 🖾 1	D Authorized 🔓 Open 🖾 1	🗅 Authorized 🔓 Open 🖾 1	D Authorized 🔓 Open 🖾 1			

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

Table 1-96 View System Dates – Field Description

Field	Description	
Branch Code	Displays the code of the branch.	
Today's Date	Displays system current date.	
Today's Date in Text	Displays the system current date in words.	
Authorization Status	Displays the authorization status of the record. The options are: • Authorized • Rejected • Unauthorized	
Record Status	Displays the status of the record. The options are: • Open • Closed	
Modification Number	Displays the number of modification performed on the record.	

Note:

When the entity is created from the Multi-Entity Maintenances, the System Dates for the Head Office (HO) Branch would be automatically created.

1.44 Transaction Code

This topic describes the information to configure the transaction code.

This topic contains the following subtopics:

- Create Transaction Code This topic describes the systematic instructions to configure transaction code details.
- View Transaction Code

This topic describes the systematic instructions to view the list of configured transaction code.



1.44.1 Create Transaction Code

This topic describes the systematic instructions to configure transaction code details.

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

- 1. On Home screen, click Core Maintenance. Under Core Maintenance, click Transaction Code.
- 2. Under Transaction Code, click Create Transaction Code.

The Create Transaction Code screen displays.

Transaction Code	Description	
Required		
Source System	Source Transaction Code	
Q		

Figure 1-95 Create Transaction Code

3. Specify the fields on Create Transaction Code screen.



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

Table 1-97 Create Transaction Code – Field Description

Field	Description
Transaction Code	Specify the transaction code details.
Description	Specify additional information about the transaction code.
Source System	Click Search icon to view and select the required source system.
Source Transaction Code	Specify the source transaction code details.

4. Click Save to save the details.

The transaction code is successfully created and can be viewed using the View Transaction Code screen.

1.44.2 View Transaction Code

This topic describes the systematic instructions to view the list of configured transaction code.

The user can configure transaction code using Create Transaction Code screen.

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

- 1. On Home screen, click Core Maintenance. Under Core Maintenance, click Transaction Code.
- 2. Under Transaction Code, click View Transaction Code.

The View Transaction Code screen displays.

View Transaction Code :: × q + q8<u>3</u> 88 Source System FCUBS Source System FCUBS Source System FCUBS Source Syst FCUBS Source Syste FCUBS ÷ Transaction... 018 Source... 018 Transaction... 000 Source... 000 Transaction... 019 Source... 019 Transaction... 020 Source... 020 Transaction... 021 Source... 021 CCR Trans 2 DAuthorized & Open 21 DAuthorized & Open 1 C Authorized D Authorized 🔒 Open 🔓 Open 21 D Autho Source System Source System: FCUBS Source System FCUBS EXTSYS Transaction... CHD Source... CHD Transaction... CHG Source... CHG Transaction... CQQ Source... COO Transaction... CRE Source... CRE 🔓 Open D Authorized & Open 21 D Authorized & Open 21 D Authorized 21 D Authorized 図1 6 Ope of 2 (1 - 10 of 15 items) K (1 2) Page 1

Figure 1-96 View Transaction Code

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

 Table 1-98
 View Transaction Code – Field Description

Field	Description
Source System	Displays the source system details.
Transaction Code	Displays the transaction code details.
Source Transaction Code	Displays the source transaction code associated with the transaction code.
Authorization Status	Displays the authorization status of the record. The options are: • Authorized • Rejected • Unauthorized
Record Status	Displays the status of the record. The options are: • Open • Closed
Modification Number	Displays the number of modification performed on the record.

1.45 Upload Source

Upload Source screen facilitates the maintenance of external systems like Oracle Digital Banking Experience, Oracle Banking Liquidity Management, and so on which can send transactions data to the common core.

This topic contains the following subtopics:

- Create Upload Source
 This topic describes the systematic instructions to create upload source.
- View Upload Source This topic describes the systematic instructions to view the list of configured source code.

1.45.1 Create Upload Source

This topic describes the systematic instructions to create upload source.

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

- 1. On Home screen, click Core Maintenance. Under Core Maintenance, click Upload Source.
- 2. Under Upload Source, click Create Upload Source.

The Create Upload Source screen displays.

Figure 1-97 Create Upload Source



3. Specify the fields on Create Upload Source screen.



 Table 1-99
 Create Upload Source – Field Description

Field	Description
Source Code	Specify the source code. This is a unique code created to identify for the external systems.
Source Description	Specify a brief description about the external system.



Table 1-99	(Cont.) Create Upload Source – Field Des	scription
------------	--	-----------

Field	Description
Base Data from Flexcube	This is a flag to decide whether a base data is coming from the Oracle Banking FLEXCUBE.
	Note: By default, this is disabled.
System Authorization Required	This is a flag to decide whether transactions coming from specified external system (Source code) requires authorization.

4. Click **Save** to save the details.

The upload source is successfully created and can be viewed using the View Upload Source screen.

1.45.2 View Upload Source

This topic describes the systematic instructions to view the list of configured source code.

The user can configure upload source using Create Upload Source screen.

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

- 1. From Home screen, click Core Maintenance. Under Core Maintenance, click Upload Source.
- 2. Under Upload Source, click View Upload Source.

The View Upload Source screen displays.

+ 0					I I I I I I I I I I I I I I I I I I I
Upload Source: EXTSYS	Upload Source: VAM :	Upload Source: OBEDX	Upload Source: FLEXCUBE	Upload Source: OBVAM :	Uploed Source: FCUBS
Source EXTSYS	Source VAM des	Source OBEDX	Source	Source OBVAM	Source
🗈 Authorized 🔓 Open 🖾 4	🗅 Authorized 🔓 Open 🖾 1	D Authorized 🔓 Open 🖾 1	🕃 Authorized 🔓 Open 🖄 1	🕃 Authorized 🔒 Open 🖄 1	🗅 Authorized 🔓 Open 🖾 2
Jpload Source: DBDX	Upload Source:	Upload Source: OBLM :	Upload Source: OBPM		
Source Oracle Banking	Source Interest and Charges	Source Oracle Banking	Source Oracle Banking		
CAuthorized 🔓 Open 🗹 1	DAuthorized & Open 1	DAuthorized & Open	D Authorized & Open 🖾 1		

Figure 1-98 View Upload Source


Field	Description
Source Code	Specify the source code. This is a unique code created to identify for the external systems.
Source Description	Specify a brief description about the external system.
Base data from Flexcube	This is a flag to decide whether the base data is coming from Oracle Banking FLEXCUBE. Note: By default, this flag is disabled.
System Authorization Required	This is a flag to decide whether transactions coming from specified external system (Source code) requires authorization.

Table 1-100 View Upload Source – Field Description

1.46 Upload Source Preference

Upload Source Preference can set preferences for upload of a data from an external source. Example an external exchange rate source is sending exchange rates to the common core system.

This topic contains the following subtopics:

- Create Upload Source Preference
 This topic describes the systematic instructions to configure upload source preference.
- View Upload Source Preference This topic describes the systematic instructions to view the list of configured upload source preferences.

1.46.1 Create Upload Source Preference

This topic describes the systematic instructions to configure upload source preference.

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

- 1. On Home screen, click Core Maintenance. Under Core Maintenance, click Upload Source Preference.
- 2. Under Upload Source Preference, click Create Upload Source Preference.

The Create Upload Source Preference screen displays.



create opiona source i referei	lice			17 A
Q Required				
Error Handling				
Dn Error Reject	On Override	On Repairable Exception	On Queue Exception	
Post Upload				
▼	Purge Days	Allow Deferred Processing	Allow EOD with Deferred	
Deletion Allowed	Reverse Allowed	Ammend Allowed	Proceed with EOD	

Figure 1-99 Create Upload Source Preference

3. Specify the fields on Create Upload Source Preference screen.



Table 1-101	Create Upload Source Preference – Field Description
-------------	---

Field	Description
Source Code	Click Search icon to view and select the required source code.
On Error	Defaulted to reject.
On Override	 System generates override messages in case it encounters any discrepancies during data upload. You can select any of the following: Ignore: Select this option to ignore such error messages and continue with the upload process. Override: Select this option to log the override and proceed with the upload process. Reject: Select this option to reject the record.
On Repairable Exception	In case a serious error occurs during data upload, the system generates an error message. Select Reject to reject a record.
On Queue Exception	Select the queue exception from the drop-down list.
Post Upload	Specify the fields.
Status	 Select a status from the drop-down list. You can perform the following: Select Authorize to automatically authorize the data that is uploaded into the system. Select Unauthorized to un-authorize a record. The record will not be authorized automatically on upload. You have to manually authorize the data.
Purge Days	Specify the purging days if the purging of the data uploaded is required.
Allow Deferred Processing	By default, this is disabled. If selected, defers process the upload source preference.



Field	Description
Allow EOD with Deferred	By default, this is disabled. If selected, processes the EOD with deferred.
Deletion Allowed	By default, this is disabled. If selected, deletes the upload source preferences. Check this option to delete the process log.
Reverse Allowed	By default, this is disabled. If selected, reverses the upload source preferences.
Amend Allowed	By default, this is disabled. If selected, amends the upload source preferences.
Proceed with EOD	By default, this is disabled. If selected, proceeds with the EOD.

Table 1-101 (Cont.) Create Upload Source Preference – Field Description

4. Click **Save** to save the details.

The upload source preference is successfully created and can be viewed using the View Upload Source Preference screen.

1.46.2 View Upload Source Preference

This topic describes the systematic instructions to view the list of configured upload source preferences.

The user can configure upload source preference using Create Upload Source Preference screen.

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

- 1. On Home screen, click Core Maintenance. Under Core Maintenance, click Upload Source Preference.
- 2. Under Upload Source Preference, click View Upload Source Preference.

The View Upload Source Preference screen displays.

Figure 1-100 View Upload Source Preference

View Upload Source Preference	:: ×
Q + 0	8≘ 88
Source Code FCUBS	
Sanus A PungeDays -	
D Authorized & Open 221	
Page 1 of 1 (1-1d/1mem) (c (3 > 2)	



Field	Description
Source Code	Click Search icon and select a source code maintained. Depending on the source code selection, the data is uploaded from that source into.
Status	Displays the status of the post upload.
Purge Days	Specify the days maintained for purging of the data uploaded.
Authorization Status	Displays the authorization status of the record. The options are: • Authorized • Rejected • Unauthorized
Record Status	Displays the status of the record. The options are: • Open • Closed
Modification Number	Displays the number of modification performed on the record.

Table 1-102 View Upload Source Preference – Field Description

1.47 Limits and Collaterals

This section contains the details of the limits and collaterals data that are replicated from the ELCM system.

This topic contains the following subtopics:

- View Liability Summary The View Liability Summary screen provides the list of authorized liabilities and liability allowed customer linkages from the ELCM system.
- View Facility Summary The View Facility Summary screen provides the list of authorized facilities from the ELCM system.
- View Collaterals Summary The View Collaterals Summary screen provides the list of authorized collaterals from the ELCM system.
- View Liability Customer Summary The View Liability Customer Summary screen provides the list of authorized liability customer linkages from the ELCM system.
- View Collaterals Pool Summary The View Collaterals Pool Summary screen provides the list of authorized collateral pool from the ELCM system.
- Data Retrieval from Limits Collaterals System
- Initial data replication from ELCM to common core This section lists down the endpoints which can be used for initial data replication from ELCM to common core.



1.47.1 View Liability Summary

The View Liability Summary screen provides the list of authorized liabilities and liability allowed customer linkages from the ELCM system.

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

- 1. From Home screen, click Core Maintenance, under Core Maintenance, click Limits and Collaterals.
- 2. Under Liability, click View Liability.

The View Liability summary screen is displayed.

Figure 1-101 View Liability

view clabine	*														
20															
CFPM101		1	CMCELCM36		1	CMCELCM19		r I	Liability Number: LB1002		i i	Liability Number: TLB1002		1	
Liability Name CF	FPM101 PY		Liability Name C Liability	MCELCM30 PY		Liability Name C Liability 2	MCELCM19 PY		Liability Name Li Liability	81002 ISD		Liability Name T Liability L	LB1002 ISD		
Authorized	6 Open	B 51	C Authorized	6 Open	R51	D Authorized	& Open	<u>951</u>	D Authorized	🔓 Open	RS 1	D Authorized	🛱 Open	B ¹	
Lubitry Number: MLB1003			Listery Number: TLB1006			Liabdhy Number: TLB1009			MLB1010			Labdey Number: LB1010			
Liability Name M Liability U	LB1003 SD		Liability Name T Liability U	LB1006 ISD		Liability Name T Liability U	LB1009 JSD		Liability Name M Liability U	ILB1010		Liability Name L Liability	81010 /SD		
Authorized	& Open	ES1	D Authorszed	& Open	601	C Authorized	& Open	851	C Authorized	& Open	851	D Authorized	🔓 Open	EB1	

Table 1-103View Liability - Field Description

Field	Description
Liability Number	Displays the liability number.
Liability Name	Displays the liability name.
Liability Branch	Displays the liability branch.
Liability Currency	Displays the liability currency.
Main Liability ID	Displays the main liability ID.
Revision Date	Displays the revision date of the liability.
Credit Rating	Displays the credit rating.
Overall Limit	Displays the overall limit.
Source System	Displays the source system of the liability.
Source System Liability Number	Displays the source system liability number.
Utilization Amount	Displays the utilization amount.
Block Amount	Displays the block amount.
Availability Flag	Displays the availability flag.
Liability Expiry Date	Displays the liability expiry date.
Customer Number	Displays the customer numbers tagged to the liability.

Table 1-103 (Cont.) View Liability - Field Description

Field	Description
Default Liability	Displays the default liability.

1.47.2 View Facility Summary

The View Facility Summary screen provides the list of authorized facilities from the ELCM system.

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

- 1. From Home screen, click Core Maintenance, under Core Maintenance, click Limits and Collaterals.
- 2. Under Facility, click View Facility.

The View Facility summary screen is displayed.



•					
Lina Codel TML1019	1	Line Code: ML1020 I	Live Code: S1L1020	TML1020	TML1021
Liability ID 11050 Line Serial 1		Liability ID 11053 Line Serial 1	Liability ID 11053 Line Secial 1	Liability ID 11053 Line Serial 1	Liability ID 11056 Line Serial 1
Authorized 🔓 Open	⊠1	🗅 Authorized 🛛 🔓 Open 🖉 1	D Authorized & Open 21	D Authorized & Open 21	D Authorized & Open 21
ne Code: 4L1022	1	Line Codel S1L1022	Live Code: TML1022 I	ML1023	Live Codel S1L1023
iability ID 11059 ine Serial 1		Liability ID 11059 Line Seriel 1	Liability ID 11059 Line Secial 1	Liability ID 11062 Line Seriel 1	Liability ID 11062 Line Seriel 1
Authorized 🔓 Open	B 1	🗅 Authorized 🔒 Open 🔯 1	C Authorized & Open 21	C Authorized & Open 21	D Authorized & Open 21

Table 1-104 View Facility - Field Description

Field	Description
Liability ID	Displays the liability Id.
Line Code	Displays the line code.
Line Serial	Displays the line serial.
Host Code	Displays the host code.
Source System	Displays the source system.
Source System Liab ID	Displays the source system liability Id.
Main Line ID	Displays the main line Id.
Line Currency	Displays the line currency.
Line Start Date	Displays the line start date.
Line Expiry Date	Displays the line expiry date.
Availability Flag	Displays the availability flag.



Field	Description
Booking Date	Displays the booking date.
Interest Calculated Account	Displays the interest calculated account.
Limit Amount Basis	Displays the limit amount basis.
Interest Required	Displays the interest required.
Limit Amount	Displays the limit amount.
Collateral Contribution	Displays the collateral contribution.
Liability Branch	Displays the liability branch.
Branch	Displays the base branch.
Description	Displays the description.
Commitment Reference Number	Displays the commitment reference number.
Commitment Settle Branch	Displays the commitment settle branch.
Commitment Settle Account	Displays the commitment settle account.
Facility Type	Displays the facility type.
PPC Reference Number	Displays the PPC reference number.
PPC Project ID	Displays the PPC Project Id.
DSP Effective Line Amount	Displays the effective line amount.
Bulk PMT Required	Displays the bulk payment required.
Source System Line Code	Displays the source system line code.
Source System Line Serial	Displays the source system line serial.
Unadvised	Displays the unadvised value.
Revolving Line	Displays the revolving line.
Transfer Amount	Displays the transfer amount.
Block Amount	Displays the block amount.
Liability Number	Displays the liability number.
Util Amount	Displays the utilization amount.
Approved Amount	Displays the approved amount.

Table 1-104 (Cont.) View Facility - Field Description

1.47.3 View Collaterals Summary

The View Collaterals Summary screen provides the list of authorized collaterals from the ELCM system.

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

- 1. From Home screen, click Core Maintenance, under Core Maintenance, click Limits and Collaterals.
- 2. Under Collaterals, click View Collaterals.

The View Collaterals summary screen is displayed.

Figure 1-103 View Collaterals

0						E
Collateral Code: LB555PRTY	1	Collateral Code: GENERAL_COLL01 :	Collateral Code: VEHICLE01 I	Collateral Code: EC505202229061511000 ±	Collateral Code: EC50520223075027000	
Collateral USD Liability Id 29		Collateral USD Liability Id 32	Collateral USD Liability Id 32	Collateral USD Liability Id 32	Collateral USD Liability Id 32	
D Authorized 6 Open	₽£1	D Authorized & Open 21	D Authorized & Open 1	C Authorized & Open 1	D Authorized & Open 1	
Collateral Code: VEHICLE_02	1	Collateral Code: MACH_01 i	Collateral Code: MACH_02	Collaseral Code: CMCELCM30	Collateral Code: CMCELCM32 ;	
Collateral USD Liability kl 32		Collateral USD Liability Id 32	Collateral USD Liebility Id 32	Collateral JPY Liability Id 11206	Collateral JPY Liability Id 11206	
Authorized 🔓 Open	<u>28</u> 1	D Authorized 🔓 Open 📴 1	D Authorized & Open @1	D Authorized & Open 21	C Authorized 🔓 Open 🔯 1	

 Table 1-105
 View Collaterals - Field Description

Field	Description
Liability ID	Displays the liability Id.
Collateral Code	Displays the collateral code.
Description	Displays the collateral description.
Collateral Currency	Displays the collateral currency.
Collateral Value	Displays the collateral value.
Limit Contribution	Displays the limit contribution.
Host Code	Displays the host code.
Source System	Displays the source system of the liability.
Source System Liability Number	Displays the source system liability number.
Utilization Amount	Displays the utilization amount.
Block Amount	Displays the block amount.
Start Date	Displays the start date.
End Date	Displays the end date.
Taken Over	Displays the taken over.
Interest Rate	Displays the interest rate.
Available	Displays the availability.
Branch Code	Displays the branch code.
Liability Branch	Displays the liability branch.
Customer Number	Displays the customer number tagged to the collateral.
Collateral Type	Displays the collateral type.
Source System Collateral Code	Displays the source system collateral code.
Haircut	Displays the haircut valued.
Collateral Category	Displays the collateral category.

1.47.4 View Liability Customer Summary

The View Liability Customer Summary screen provides the list of authorized liability customer linkages from the ELCM system.

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

- 1. From Home screen, click Core Maintenance, under Core Maintenance, click Limits and Collaterals.
- 2. Under Liability Customer, click View Liability Customer Linkage.

The View Liability Customer Linkage summary screen is displayed.

Figure 1-104 View Liability Customer Linkage

0					E
storne Number: 21001 I	Customer Number: TLC1001	Custome Number: MLC1002	Customer Number: LC1002	Custome Number: TLC1002	
bility ld 10995 anch Code -	Liability Id 10997 Branch Code -	Liability Id 10998 Branch Code -	Liability td 10000 Branch Code -	Liability Id 11000 Branch Code -	
Authorized & Open 121	C Authorized 🛆 Open 🔯 1	C Authorized & Open 231	C Authorized & Open (2)1	C Authorized & Open 21	
LC1003	Customer Number: LC1003	Contense Number: TLC1003	Customer Number: MLC1004	Customer Number: LC1004	
duility id 11001 anch Code -	Lisbility Id 11002 Branch Code -	Liability Id 11003 Branch Code -	Lisbility Id 11004 Branch Code -	Lieblity ld 11005 Branch Code -	
Authorized 🔒 Open 🔯 1	D Authorized & Open 21	D Authorized 🖉 Open 🔯 1	D Authorized & Open 1	D Authorized & Open @1	

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

Table 1-106 View Liability Customer Linkage - Field Description

Field	Description
Branch Code	Displays the branch code.
Customer Number	Displays the customer number.
Liability ID	Displays the liability Id.
Host Code	Displays the host code.
Source System	Displays the source system.
Source System Liability ID	Displays the source system liability Id.
Source System Customer Number	Displays the source system customer number.

1.47.5 View Collaterals Pool Summary

The View Collaterals Pool Summary screen provides the list of authorized collateral pool from the ELCM system.

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

1. From Home screen, click Core Maintenance, under Core Maintenance, click Limits and Collaterals.



2. Under Collaterals Pool, click View Pool.

The View Pool summary screen is displayed.

0								E
last Code: LB555POOL	1	Feel Codel GENERAL_COLL01	1.	Pool Codel CMCELCM30		Pool Code: CMCELCM31	Pool Codec CMCELCM34B	
iability Id 29 Pool COLL POOL		Liability Id 32 Pool null		Liability Id 11206 Pool null		Liability Id 11206 Pool null	Liability ld 11208 Pool null	
Authorized 🔓 Open	1	D Authorized & Open	120	C Authorized & Open	a.	C Authorized & Open E	D Authorized & Open 21	
Not Code: DRBHPOOL1	1	Peol Codec REG910	1.	Pool Code: LB123AGPL I		Pool Code: LB123INVPL I	Post Code: LB123MCPL	
iability ki 11516 Pool ORBHPOOLINEV		Liability Id 11266 Pool null		Liability Id 33 Pool null		Liability kl 33 Pool null	Liability Id 33 Pool null	
🗅 Authorized 🛛 🔓 Open	2 1	D Authorized	21	C Authorized & Open	1	D Authorized & Open D1	D Authorized 🔓 Open 🔯 1	
R 1	of 2	(1-10 of 16 items) < + 1	2 .	м				

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

 Table 1-107
 View Pool - Field Description

Field	Description
Branch Code	Displays the branch code.
Pool Code	Displays the collateral pool code.
Liability ID	Displays the liability Id.
Host Code	Displays the host code.
Source System	Displays the source system.
Source System Liability ID	Displays the source system liability Id.
Source System Pool code	Displays the source system pool code.
Pool Description	Displays the pool description.
Pool Currency	Displays the pool currency.
Pool Amount	Displays the pool amount.
Liability branch	Displays the liability branch.
Util amount	Displays the utilization amount.
Block amount	Displays the block amount.

1.47.6 Data Retrieval from Limits Collaterals System

This section lists down the endpoints that are available for other product processors to retrieve the data from limits collateral services. These services gives the data based on the query parameters passed.

Domain	Endpoint	Parameters to be passed
Liability	/web/v1/liability/ fetchLiabilityByParams	Mandatory parameter : Customer Number Optional parameters : Liability Number , Liability Currency , Liability Id, Record Status
Facility	/web/v1/facility/ fetchByParams	Mandatory parameter : Customer Number Optional parameters : Liability Number , Line code , Line Description , Record status
Collaterals	/web/v1/collaterals/ fetchByParams	Mandatory parameter : Customer Number Optional parameters : Liability Number , Collateral code , Line Description , Record status
Collaterals Pool	/web/v1/pool/fetchByParams	Mandatory parameter : Customer Number Optional parameters : Liability Number , Pool code , Record status

 Table 1-108
 List of endpoints to retrieve data

1.47.7 Initial data replication from ELCM to common core

This section lists down the endpoints which can be used for initial data replication from ELCM to common core.

The REST services picks up all the authorized records from the ELCM system and creates them in the common core system via OBRH. The end points used for initial data replication are listed below.

Domain	Endpoint
Liability	FCUBS - ELCMRest/ELObmaReplicationService/ CreateBulkLiability
Facility	FCUBS - ELCMRest/ELObmaReplicationService/ CreateBulkFacility
Collaterals	FCUBS - ELCMRest/ELObmaReplicationService/ CreateBulkCollaterals
Collaterals Pool	FCUBS - ELCMRest/ELObmaReplicationService/ CreateBulkPool
Liability Customer Linkage	FCUBS - ELCMRest/ELObmaReplicationService/ CreateBulkLiabCust

Table 1-109 List of endpoints for initial data replication

2 Bureau Integration Service

This topic provides the overview about the Bureau Integration Service.

Bureau Integration Service facilitates financial institutions to send requests to the credit bureau agencies for credit scores and reports. It also facilitates viewing reports received from the bureaus.

The credit report presents the credit information of an individual or a company, which is fetched by credit bureaus from various financial institutions. It is a detailed report, which contains the history of borrowings, repayment routine, defaults, and delays. This report contains vital information about a customer's credit score, personal information, employment details, contact information, and details of accounts in various banks of a given geographical region. The objective of this report is to present the financial history of an individual or a company, which further helps a bank to take a decision on granting a loan based on the credit score of a company or an individual.

For requesting and receiving the credit reports, bureau integration service is integrated with the financial institution or the product processor.

The oracle banking routing hub facilitates routing and transforming the information between the product processor, the underlying integration service and the bureau. The flow is as follows:

- **1.** The product processor requests bureau integration service for credit reports. It provides the required customer information for whom the report is requested.
- 2. The routing hub transforms the data and forwards the request to the bureau integration service.
- Once the integration service receives the request, the data is processed based on various criteria. The criteria contain the rules and facts of the product processor that are maintained in the rules engine.
- 4. Bureaus to be called are identified based on evaluation of the rules.
- 5. The integration service then sends the request to the routing hub, which transforms the data and sends the request to the respective credit bureaus.
- 6. The bureau processes the request and sends the credit report back.
- 7. The routing hub receives the report and transforms the report as per the defined template and sends it back to bureau integration service.
- 8. Bureau integration service then saves the data, displays the credit report, and sends the same to the product processor through the routing hub.

One or more bureaus can be called based on evaluation of the rules. The bureaus can be either called simultaneously or based on the response from the previous bureau call.

Bureau integration service maintains aging for credit report of an applicant. History service allows to store and pull existing credit report of an individual customer. The integration service retrieves report from history for those applicants if subsequent call to same bureau is made within defined period, beyond which a new credit report is called from the bureau. Existing credit reports from history are sent back to the product processor.



In case of multiple applicants being received by bureau integration service as a part of a lending application, based on the evaluation of criteria, the integration service consolidates all the multiple bureau responses into one and sends it to the product processor.

A new bureau can be added with only a configuration and without any change in the code. Two lookup types are required to be created in the bureau integration service. One for bureau and another for bureau product type. The additional maintenance required is configuration of the new bureau in the routing hub.

Bureau integration service supports override of criteria rules if the product processor wants to call a specific bureau or bureau product, for an applicant. In such cases, bureau service will not check criteria for rules evaluation. Instead, bureau service will call the bureau as intimated by the product processor in the request. Here, product processor can list one or more bureau's to be called.

Bureau Integration service supports decoding of encoded pdf string from a bureau response to a pdf report using web content document server. The document server generates a unique document ID for each record stored. Bureau service can access the pdf reports using this document ID.

The below flow diagram depicts how bureau integration service works with the integrated product processor and interfaces with the routing hub for fetching and displaying the credit bureau reports:

Figure 2-1 Bureau Integration Service



Bureau Integration Service

Overview

This topic describes the overview about the Decision service.

System Parameter

This topic describes the information about the system parameter configured in Bureau Integration service.

Lookup

This topic describes the information about the lookup feature in Bureau Integration service.



- Product Processor This topic describes the information about the product processor.
- Criteria This topic describes the information about the criteria to identify the Credit Bureau.
- Credit Bureau Display
 This topic describes the information about Credit Bureau display.
- Integrating Bureau Integration Service with Oracle Banking Routing Hub This topic describes the information to integrate the Bureau Integration service with Oracle Banking Routing Hub.

2.1 Overview

This topic describes the overview about the Decision service.

The Decision service provides automatic decision making capabilities that can allow lenders to develop simple business processes and strengthen the decision-making process.

It gives flexibility to adjust the credit scoring model according to the lending policy.

When an organization calls the decision service to make a decision based on data attributes shared, system solves the best fit scoring model and provide scores and decisions.

Decision Service is a robust and scalable system that can be easily integrated with any product processor providing auto decision capability and risk based pricing.





Decision service can be called from various product processor such as Collections, Deposits, Loans, Insurance, Trade Finance or Payment etc. This product processor calls the decision service and the decision service intern uses the rule engine to configure various complex rules.

The decision service can calculate behavioral scores and suggest the best recommended collection strategy accordingly. For lending products, it can offer a credit score, a decision based on the score, the recommended rate of interest and the ability to calculate which is the maximum amount that can be borrowed by the applicant.



2.2 System Parameter

This topic describes the information about the system parameter configured in Bureau Integration service.

System parameters define the information or values used throughout the system and drives the behavior of the features. They control the way task is executed, or whether the system performs a particular task. Some of the parameters are set when the system is installed, but the values associated with the parameter needs to be reviewed and is to be maintained.

Example:

- Set minimum days to pull credit bureau report from same bureau from initial pull.
- Credit bureau report purge days.

This topic contains the following subtopics:

- Create System Parameter
 This topic describes the systematic instructions to create system parameter by updating
 various details.
- View System Parameter This topic describes the systematic instructions to view the list of configured system parameter.

2.2.1 Create System Parameter

This topic describes the systematic instructions to create system parameter by updating various details.

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

- 1. On Homescreen, click Core Maintenance, under Core Maintenance, click Credit Bureau.
- 2. Under Credit Bureau, click Maintenance, under Maintenance, click System Parameter, under System Parameter, click Create System Parameter.

The Create System Parameter screen displays.

Figure 2-3 Create System Parameter

Deale Detelle		
Basic Details	Parameter Description	
Select Required	Regulad	
Product Processor Product Processor Required	Value Regions	

3. On Create System Parameter screen, specify the fields.



Field	Description
Parameter Code	Select the parameter code from the drop-down list.
Parameter Description	Specify the short description for the parameter code.
Product Processor	Select the product processor from the drop-down list for which the parameter is being created.
Value	Specify the value for the parameter code.

Table 2-1 Create System Parameter - Field Description

4. Click Save to save the details.

The **System Parameter** is successfully created and can be viewed using the View System Parameter screen.

2.2.2 View System Parameter

This topic describes the systematic instructions to view the list of configured system parameter.

The user can configure the system parameter using the Create System Parameter screen. The status of the created system parameter is displayed as **Unauthorized** and **Open**.Once the checker authorizes the system parameter, the status is updated to **Authorized** and **Open**.

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

- 1. On Homescreen, click Core Maintenance, under Core Maintenance, click Credit Bureau.
- 2. Under Credit Bureau, click Maintenance, under Maintenance, click System Parameter, under System Parameter, click View System Parameter.

The View System Parameter screen displays.

Figure 2-4 View System Parameter

,					E
Parameter Code: 2023-01-05-17:01:50Samp	Perameter Code: decision	Parameter Code: applicant_score	Parameter Code: 2022-12-01-15:12:96Sampl	Perameter Code: Requested_Amount	Perameter Code: 2022-12-02-12:12:17Sampl
Description 2023-01-05 Product CMC	Description decision Product OFLO	Description applicant_score Product OFLO	Description 2022-12-01 Product OFLO	Description Requested_Amount Product OFLO	Description 2022-12-02 Product OFLO
🔁 Authorized 🔓 Open 🔯 4	🔁 Authorized 🔓 Open 🖾 1	🔁 Authorized 🔓 Open 🔯 1	🔁 Authorized 🔓 Open 🖾 4	🔁 Authorized 🔓 Open 🖾 1	🗈 Authorized 🔒 Open 🖾
Parameter Code: CDS_GRADE	Peremeter Code: quantitativeScore	Perameter Code: qualitativeScore	Perameter Code: 2023-01-06-14:01:05Samp		
Description CDS_GRADE Product OFLO	Description quantitativeScore Product OFLO	Description qualitativeScore Product OFLO	Description 2023-01-06 Product OFLO		
C Authorized & Open 1	C Authorized & Open 2	C Authorized & Open	C Authorized & Open 24		

Table 2-2 View System Parameter - Field Description

Field	Description
Parameter Code	Displays the parameter code.
Description	Displays the description of the parameter code.
Product Processor	Displays the product processor of the parameter.



Field	Description
Authorization Status	Displays the authorization status of the record. The options are: • Authorized • Rejected • Unauthorized
Record Status	Displays the status of the record. The options are: • Open • Closed
Modification Number	Displays the number of modification performed on the record.

Table 2-2 (Cont.) View System Parameter - Field Description

- Q icon.
- 3. On View System Parameter, click

The View System Parameter - Search screen displays.

Figure 2-5 View System Parameter - Search

Search Filter	×
Parameter Code	ן
Authorization Status	J
-	J
Record Status]
Search Reset	

4. On View System Parameter - Search screen, specify the Search Filter to fetch the required system parameter.

Table 2-3 View System Parameter - Search - Field Description

Field	Description
Parameter Code	Specify the parameter code.



Field	Description
Authorization Status	Select the authorization status from the drop-down list. The available options are: • Authorized • Rejected • Unauthorized
Record Status	Select the record status from the drop-down list. The available options are: • Open • Closed

•

Table 2-3 (Cont.) View System Parameter - Search - Field Description

- 5. Click **Search** to display the required system parameter.
- On View System Parameter screen, click icc View the created system parameter.
 - icon to Unlock, Delete, Authorize or
- 7. Click **Unlock** to modify the created system parameter.

The System Parameter Maintenance - Modify screen displays.

Figure 2-6 System Parameter Maintenance - Modify

Basic Details		
Parameter Code	Parameter Description	
qualitativeScore 👻	2023-01-05-17:01:50SampleTest	
Product Processor	Value	
PR20230105140150 -	30	

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

Table 2-4 System Parameter Maintenance - Modify - Field Description

Field	Description
Parameter Code	Displays the created system parameter code.
Parameter Description	Displays the created system parameter description.
Product Processor	Displays the product processor of the created system parameter. User can modify the same.
Value	Displays the value for the created system parameter. User can modify the same.

- 8. Click Save to update the modified fields.
- 9. Click **View** to view the created system parameter code.

The System Parameter Maintenance - View screen displays.

Figure 2-7 System Parameter Maintenance - View

System Parameter Maintenance	:: ×
Basic Details	
Parameter Code	Parameter Description
2023-01-05-17:01:50SampleTest	2023-01-05-17:01:50SampleTest
Product Processor	Value
PR20230105140150	30
Aurile	

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

Table 2-5 System Parameter Maintenance - View - Field Description

Field	Description
Parameter Code	Displays the created system parameter code.
Parameter Description	Displays the created system parameter description.
Product Processor	Displays the product processor of the created system parameter.
Value	Displays the value for the created system parameter.

2.3 Lookup

This topic describes the information about the lookup feature in Bureau Integration service.

The lookup are the service for mapping of keys and values used to enrich the description of the data displayed to the user. The lookup screen allows user to define contents for a list of dropdown or value fields. These are used throughout the system. The identified fields only accept the entries stored.

Below are some examples of the lookup fields.

- Static/Enumeration values
 - Credit Bureau: For example, credit bureau1, credit bureau 2, and credit bureau 3.
 - Comparison Operator: Equals and Greater than.
- Dependent lookup based on another selection
 - Based on Country, State should have different values in the lookup.
 - Based on Country, Currency should have different values in the lookup.

This topic contains the following subtopics:

Create Lookup

This topic describes the systematic instructions to create lookup definitions by updating various details in Bureau Integration Service.

 View Lookup This topic describes the systematic instructions to view the list of configured lookup for Bureau Integration Service.



2.3.1 Create Lookup

This topic describes the systematic instructions to create lookup definitions by updating various details in Bureau Integration Service.

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

- 1. On Homescreen, click Core Maintenance, under Core Maintenance, click Credit Bureau.
- 2. Under Credit Bureau, click Maintenance, under Maintenance, click Lookup, under Lookup, click Create Lookup.

The Create Lookup screen displays.

crea	te Lookup				::
Basio	Details				
Looku	D Type Required	Description	Frequires		
ookup	Codes				
+	Codes	Description	Set Order	Dependent Identifier	Enable
+	Codes	Description	Sert Order	Dependent identifier	Enable

Figure 2-8 Create Lookup

3. On Create Lookup screen, specify the fields.



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

Table 2-6 Create Lookup - Field Description

Field	Description
Lookup Type	Specify the unique lookup type name.
Description	Specify the short description for lookup.
+ button	Click to add a new row.
- button	Click to delete a row that is already added.
Lookup Code	Specify the unique lookup code.
Description	Specify the short description for lookup.
Sort Order	Specify the sort order.
Dependent Identifier	Specify the dependent Identifier.
Enable	Click the toggle status to enable the parameter.

4. Click **Save** to save the details.

The **Lookup** is successfully created and can be viewed using the View Lookup screen.

2.3.2 View Lookup

This topic describes the systematic instructions to view the list of configured lookup for Bureau Integration Service.

The user can configure the lookup using the Create Lookup screen. The status of the created lookup is displayed as **Unauthorized** and **Open**. Once the checker authorizes the lookup, the status is updated to **Authorized** and **Open**.

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

- 1. On Homescreen, click Core Maintenance, under Core Maintenance, click Credit Bureau.
- 2. Under Credit Bureau, click Maintenance, under Maintenance, click Lookup, under Lookup, click View Lookup.

The View Lookup screen displays.

View Lookup ;; × 9 + 9 ŧΞ 88 Lookup Type A Lookup Type A1 Lookup Type TEST Lookup Type: CC20230113150107 Lookup Type: RESULT2023-01-13-14:01:94 : . : : : : Description CC20230113150107 Description Descrip Descrip Descr C Authorized 🔒 Open 1 DA & Oper 21 D Unau & Oper 21 DU 1 DA D 121 Credit_Bureau_Display Bureau Lookup Type: SYS_PARAM_CD Bureau_Product_Type : Description Credit_Bureau_D C Authorized 🔒 Open 21 C Authorized 🔒 Open 21 Authorized 🔒 Open 21 Authorized A Open 21 of 2 (1 - 10 of 11 items) |< (1 2)) Page 1

Figure 2-9 View Lookup

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

Table 2-7 View Lookup – Field Description

Field	Description	
Lookup Type	Displays the lookup type.	
Description	Displays the description of the lookup.	
Authorization Status	Displays the authorization status of the record. The options are: • Authorized • Rejected • Unauthorized	
Record Status	Displays the status of the record. The options are: • Open • Closed	
Modification Number	Displays the number of modification performed on the record.	

icon.

3. On View Lookup screen, click

The View Lookup - Search screen displays.

Figure 2-10 View Lookup - Searc	igure 2-10	View Lookup - Search
---------------------------------	------------	----------------------

Search Filter	×
Lookup Type	
Authorization Status	
Record Status	
-	
Search Reset	

On View Lookup - Search screen, specify the Search Filter to fetch the required lookup.
 For more information on fields, refer to the field description table.

Table 2-8	View Lookup –	Search -	Field	Description
-----------	---------------	----------	-------	-------------

Field	Description	
Lookup Type	Specify the lookup type name.	
Authorization Status	 Select the authorization status from the drop-down list. The available options are: Authorized Rejected Unauthorized 	
Record Status	Select the record status from the drop-down list. The available options are: • Open • Closed	

- 5. Click **Search** to display the required lookup.
- 6. On View Lookup screen, click created lookup.

icon to Unlock, Delete, Authorize or View the

7. Click **Unlock** to modify the created lookup.

The Lookup Maintenance - Modify screen displays.

•••••

Figure 2-11 Lookup Maintenance - Modify

Basic Looku Pric	r Details p Type ing	Description Pricing			
Lookup	Codes				
+					
	Lookup Code	Description	Sort Order	Dependent Identifier	Enable
	Yes	Yes	1		
	No	No	2		
	STC86202365347	STC86202365347	10		
Audit				Cancel	

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

Table 2-9	Lookup Maintenance - Modify - Field Description
-----------	---

Field	Description	
Lookup Type	Displays lookup type name.	
Description	Displays the short description of the lookup. User can modify the same.	
+ button	Click to add a new row.	
- button	Click to delete a row that is already added.	
Lookup Code	Displays the lookup code for the created lookup. User can modify the same.	
Description	Displays the description for the created lookup.	
Sort Order	Displays the sort order for the created lookup. User can modify the same.	
Dependent Identifier	Displays the dependent Identifier for the created lookup. User can modify the same.	
Enable	Indicates if the lookup is enabled or not. User can modify the same.	

8. Click **Save** to update the modified fields.

9. Click **View** to view the created lookup code.

The Lookup Maintenance - View screen displays.



Figure 2-12 Lookup Maintenance - View

Loo	kup Maintenance				:: ×
Basi Looki Pricii	c Details p Type g	Description Pricing			
Looku	Codes				
+					
	Lookup Code	Description	Sort Order	Dependent Identifier	Enable
	Yes	Yes	1		
	No	No	2		
	STC86202365347	STC86202365347	10		
Audit					

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

Table 2-10	Lookup Maintenance - View - Field Description	l

Field	Description	
Lookup Type	Displays the created lookup type.	
Description	Displays the description for the created lookup.	
Lookup Code	Displays the lookup code for the created lookup.	
Description	Displays the description for the created lookup.	
Sort Order	Displays the sort order for the created lookup.	
Dependent Identifier	Displays the dependent identifier for the created lookup.	
Enable	Displays the lookup code if enabled for the created lookup.	

2.4 Product Processor

This topic describes the information about the product processor.

The source system calling the decision system for decisioning the credit application is defined as product processor. There are multiple data segments like account information, customer details, collateral details, credit bureau information or any additional notes if any is received from the product processor for credit decisioning and pricing in decision service.

This topic contains the following subtopics:

- Create Product Processor
 This topic describes the systematic instructions to create product processor by updating
 various details.
- View Product Processor This topic describes the systematic instructions to view the list of product processor.
- Create Product Processor This topic describes the systematic instructions to create product processor by updating various details.
- View Product Processor This topic describes the systematic instructions to view the list of product processor.



2.4.1 Create Product Processor

This topic describes the systematic instructions to create product processor by updating various details.

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

- 1. On Homescreen, click Core Maintenance, under Core Maintenance, click Credit Bureau.
- 2. Under Credit Bureau, click Maintenance, under Maintenance, click Product Processor, under Product Processor, click Create Product Processor.

The Create Product Processor screen displays.



Create Product Processor		יד די עריין איז
Basic Details		
Product Processor Code	Product Processor Description	
Required	Required	
September 30, 2020		
	Required	

3. On Create Product Processor screen, specify the fields.



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

Table 2-11 Create Product Processor - Field Description

Field	Description
Product Processor Code	Specify the unique product processor code.
Product Processor Description	Specify the short description for product processor.
Effective Date	Specify the effective date.
Expiry Date	Specify the expiry date.

4. Click **Save** to save the details.

The **Product Processor** is successfully created and can be viewed using the View Product Processor screen.



2.4.2 View Product Processor

This topic describes the systematic instructions to view the list of product processor.

The user can create the product processor using the Create Product Processor screen. The status of the created system parameter is displayed as **Unauthorized** and **Open**. Once the checker authorizes the system parameter, the status is updated to **Authorized** and **Open**.

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

- 1. On Homescreen, click Core Maintenance, under Core Maintenance, click Credit Bureau.
- 2. Under Credit Bureau, click Maintenance, under Maintenance, click Product Processor, under Product Processor, click View Product Processor.

The View Product Processor screen displays.

View Product Processor ;; × 9 + 9 8Ξ 88 Product CMC Product Processor Code: PR20230103160146 Product Pr OFLO Product Processor Code: PR20230106140127 Product Pr TEST2 Product Processor Code: PR20230106140179 . : : : Product... PR20230103160146 Product... PR20230105170170 Product... Product Product Product 🗅 Unauthorized 🔓 Open 🔯 5 🗋 Unaut 🔓 Open 🛛 🖉 5 C Autho 🔓 Open [2]1 ⊠4 D/ £ Ope 24 DA 🔒 Oper D Ur 🔒 Open ØÓ Product Pro OFSLL Product Processor Code: PR20221201151258 Product Processor Code: PR20221214141267 : Product... PR20221201151258 Product... PR20221214141267 OFSLL D Authorized 🔓 Open 🔯 4 D Authorized 🔒 Open 21 🖸 Authorized 🗄 Open 🖾 4 of 1 (1-9 of 9 items) |< (1 >>| Page 1

Figure 2-14 View Product Processor

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

Table 2-12 View Product Processor - Field Description

Field	Description
Product Processor Code	Displays the product processor code.
Product Processor Description	Displays the description of the product processor.
Authorization Status	Displays the authorization status of the record. The options are: • Authorized • Rejected • Unauthorized
Record Status	Displays the status of the record. The options are: • Open • Closed
Modification Number	Displays the number of modification performed on the record.

icon.

3. On View Product Processor screen, click

The View Product Processor - Search screen displays.



Figure 2-15	View Product Processor - Search
Figure 2-15	view Product Processor - Search

Search Filter	×
Product Processor Code	
Product Processor Description	
Authorization Status	
Record Status	
▼	
Search Reset	

4. On View Product Processor - Screen screen, specify the Search Filter to fetch the required product processor.

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

Table 2-13	View Product Processor -	Search - Field Description

Field	Description
Product Processor Code	Specify the product processor code.
Product Processor Description	Specify the product processor description.
Authorization Status	 Select the authorization status of the product processor. The available options are: Authorized Rejected Unauthorized
Record Status	Select the record status of the product processor. The available options are: • Open • Closed

5. Click **Search** to display the required product processor.

- 6. On View Product Processor screen, click icon to Unlock, Delete, Authorize or View the created product processor.
- 7. Click **Unlock** to modify the created product processor.

The Product Processor Maintenance - Modify screen displays.

Figure 2-16 Product Processor Maintenance - Modify

	;; ×
Product Processor Description	
OFLO	
Expiry Date	
May 6, 2025	
	Cancel Save
	Product Processor Description DFL0 Expiry Date May 6. 2025

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

Table 2-14	Product Processor Maintenan	nce - Modify - Field	I Description
------------	-----------------------------	----------------------	---------------

Field	Description
Product Processor Code	Displays the product processor code.
Product Processor Description	Displays the product processor description. User can modify the same.
Effective Date	Displays the effective date of the created product processor. User can modify the same before authorization if it is future dated.
Expiry Date	Displays the expiry date of the created product processor. User can modify the same.

8. Click **Save** to update the modified fields.

9. Click **View** to view the created product processor.

The Product Processor Maintenance - View screen displays.

	، د ۲ ۱
Product Processor Description	
OFLO	
Expiry Date	
May 6, 2025	
	Product Processor Description OFLO Expiny Date May 6, 2025

Figure 2-17 Product Processor Maintenance - View

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

Field	Description
Product Processor Code	Displays the product processor code.
Product Processor Description	Displays the product processor description.
Effective Date	Displays the effective date of the created product processor.
Expiry Date	Displays the expiry date of the created product processor.

Table 2-15 Product Processor Maintenance - View - Field Description

2.5 Criteria

This topic describes the information about the criteria to identify the Credit Bureau.

The Criteria screen facilitates to setup criteria definition, which are used in evaluating the request and response criteria (business rules) to identify which bureau is to be called for the request.

Examples:

- Call credit bureau 1, for personal loan product, and call credit bureau 1 and 2 for home loan products.
- Call credit bureau 1, if zip code of the applicant is between 70000 80000 and call credit bureau 2, if zip code of the applicant is between 30000 40000.
- Call credit bureau 3, if score from credit bureau 1 is less than 600.

This topic contains the following subtopics:

Create Bureau Criteria

This topic describes the systematic instructions to create bureau criteria by updating various details.

• View Bureau Criteria This topic describes the systematic instructions to view the bureau criteria.



2.5.1 Create Bureau Criteria

This topic describes the systematic instructions to create bureau criteria by updating various details.

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

- 1. On Homescreen, click Core Maintenance, under Core Maintenance, click Credit Bureau.
- 2. Under Credit Bureau, click Maintenance, under Maintenance, click Criteria, under Criteria, click Create Bureau Criteria.

The Create Bureau Criteria screen displays.

Figure 2-18 Create Bureau Criteria

eria Code			Derri				
eria Code			Darrei				
			Deach	iption			
	Decuived			Brouiced			
duct Processor	Neganea			Pies Garney			
elect	-						
	Required						
ia Definition	n						
-							
Rule ID	D		Description	Priority	Call All Bureau	Enable	Actions
,		Q			Yes No		
•		Q			Yes No		

3. Specify the fields on Create Bureau Criteria screen.



Table 2-16 Create Bureau Criteria – Field Description

Field	Description
Criteria Code	Specify the unique criteria code.
Description	Specify a short description for the criteria code.
Product Processor	Specify the product processor for which the criteria is being created.
+ button	Click to add a new row.
- button	Click to delete a row that is already added.



Lield	Description
Field	Description
í	Click to get the information about the rule.
Rule ID	Specify the rule ID.
Description	Displays the description of the rule ID selected.
Priority	Specify the priority of the criteria.
Call All Bureau	Click the toggle status to call all bureaus.
Enable	Click the toggle status to enable the rule criteria.
Action	This field is enabled if the Call All Bureau toggle is OFF.
+ button	Click this icon to add the child rule to the parent rule.
Rule ID	Select the rule ID from the drop down list.
	Note: This field is enabled if the Call All Bureau toggle is OFF.
Î	Click to get the information about the rules.
Description	Displays the description of the rule ID selected it is auto populated.
	Note: This field is enabled if the Call All Bureau toggle is OFF.
Priority	Specify the priority of the criteria.
	Note: This field is enabled if the Call All Bureau toggle is OFF.

Table 2-16 (Cont.) Create Bureau Criteria – Field Description

Field	Description
Enable	Click the toggle status to enable the rule criteria.
	Note: This field is enabled if the Call All Bureau toggle is OFF.

Table 2-16 (Cont.) Create Bureau Criteria – Field Description

4. Click Save to save the details.

The **Criteria** are successfully created and can be viewed using the View Bureau Criteria screen.

2.5.2 View Bureau Criteria

This topic describes the systematic instructions to view the bureau criteria.

The user can configure the bureau criteria using the Create Bureau Criteria screen. The status of the created lookup is displayed as **Unauthorized** and **Open**. Once the checker authorizes the criteria, the status is updated to **Authorized** and **Open**.

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

- 1. On Homescreen, click Core Maintenance, under Core Maintenance, click Credit Bureau.
- Under Credit Bureau, click Maintenance, under Maintenance, click Criteria, under Criteria, click View Bureau Criteria.

The View Bureau Criteria screen displays.

View Bureau Criteria :: × Q. + Q IE Orterus code: ... Orterus code: ... Pescription Bureau Criteria Product... OFLO Page 1 Ofl (1-10f1 Items) (< (1 >))

Figure 2-19 View Bureau Criteria

 Table 2-17
 View Bureau Criteria – Field Description

Field	Description
Criteria Code	Displays the criteria code.
Description	Displays the description of the criteria code.
Product Processor	Displays the product processor of the criteria.



Field	Description
Authorization Status	Displays the authorization status of the record. The options are: • Authorized • Rejected • Unauthorized
Record Status	Displays the status of the record. The options are: • Open • Closed
Modification Number	Displays the number of modification performed on the record.

Table 2-17 (Cont.) View Bureau Criteria – Field Description

3. On View Bureau Criteria screen, click



icon.

The View Criteria - Search screen displays.



Х

Search Filter	
Criteria Code]
Description]
Product Processor]
Authorization Status]
Record Status]
Search Reset	

Figure 2-20 View Criteria - Search

4. On View Bureau Criteria screen, specify the Search Filter to fetch the required criteria code.

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

 Table 2-18
 View Criteria - Search – Field Description

Field	Description
Criteria Code	Specify the criteria code.
Description	Specify the criteria description.
Product Processor	Select the product processor from the drop-down list.
Authorization Status	 Select the authorization status from the drop-down list. The available options are: Authorized Rejected Unauthorized
Record Status	Select the record status from the drop-down list. The available options are: • Open • Closed

5. Click **Search** to display the required criteria code.



- 6. On View Bureau Criteria screen, click
 - •

•

icon to Unlock, Delete, Authorize or View the created criteria code.

7. Click **Unlock** to modify the following fields.

The Bureau Criteria Maintenance - Modify screen displays.

Figure 2-21 Bureau Criteria Maintenance - Modify

Burea	u Criteria Ma	ntenanco	9							::×
Basic D	etails									
Criteria C	ode				Descrip	ation				
CRITE	RIA001				Bure	au Criteria				
Product #	Processor									
OFLO		*								
Criteria D	efinition									
	Rule ID				Description	Priority	Call All Bureau	Enable	Actions	
	 MTEST 		Q	•	MTESt	1	Yes No		+	
	 TESTRU 	LE9	Q	0	TESTRULE9	2	Yes No		+	
Audit									Cano	el Save

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

Table 2-19 Bureau Criteria Maintenance - Modify - Field Description

Field	Description				
Criteria Code	Displays the created criteria code.				
Description	Displays the description for the created criteria code.				
Product Processor	Dispalys the product processor for which the criteria is being created.				
Rule ID	Displays the rule ID for the created criteria.				
Description	Displays the description for the created criteria.				
Priority	Displays the the priority for the created criteria.				
Call All Bureau	Dispalys if call all bureau has been enabled for the created criteria.				
Enable	Displays the criteria code if enabled for the created criteria.				
Actions	Displays the actions of the created criteria.				

8. Click **Save** to update the modified fields.

9. Click **View** to view the created criteria code.

The Bureau Criteria Maintenance - View screen displays.



Bureau	Criteria Maintenance							::×
Basic De	tails							
Criteria Cod	le		Descriptio	an				
CRITERIAC	001		Bureau C	Iriteria				
Product Pro	icessor							
OFLO								
Criteria Def	finition							
	Rule ID		Description	Priority	Call All Bureau	Enable	Actions	
	MTEST3	0	MTESt	1	Yes No		+	
	TESTRULE9	0	TESTRULE9	2	Yes No		+	
Aude								

Figure 2-22 Bureau Criteria Maintenance - View

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

Field	Description
Criteria Code	Displays the created criteria code.
Description	Displays the created criteria description.
Product Processor	Displays the product processor of the created criteria.
Rule ID	Displays the rule ID for the created criteria.
Description	Displays the description for the created criteria.
Priority	Displays the priority for the created criteria.
Call All Bureau	Displays if call all bureau has been enabled for the created criteria.
Enable	Displays the criteria code if enabled for the created criteria.
Actions	Displays the actions of the created criteria.

Table 2-20 Bureau Criteria Maintenance - View - Field Description

2.6 Credit Bureau Display

This topic describes the information about Credit Bureau display.

The Credit Bureau Display screen facilitates to view the reports received from the various bureaus. The report has credit history details and credit score of the customer based on these details.

This topic contains the following subtopics:

View Credit Bureau Report
 This topic describes the systematic instructions to view the credit bureau report based on
 the various filter options provided.


2.6.1 View Credit Bureau Report

This topic describes the systematic instructions to view the credit bureau report based on the various filter options provided.

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

- 1. On Home screen, click Credit Bureau. Under Credit Bureau, click Operations.
- 2. Under Operations, click Credit Bureau Display.

The Credit Bureau Display screen is displays.

Figure 2-23 Credit Bureau Display

Bureau Display	;;×
Search Criteria	
+ -	
Filter Select	
	Reset Search

3. Specify the fields on Credit Bureau Display screen.



Table 2-21	Credit Bureau	Display- Field	Description
------------	---------------	----------------	-------------

Field	Description
Filter	Select the required option based on which you can search for the credit bureau reports from the drop-down list. The options are: External Reference Number Inquiry ID Inquiry Date Bureau Name Product Processor Application Number Bureau Report ID
Value	Specify the required details or select the appropriate option for the selected filter option. Note: This field appears once the user select the filter option as Inquiry Date and value as Date Range.



Field	Description
From Date	Select the start date of the period during which the report was generated.
	Note: This field appears if the user select the filter option as Inquiry Date and value as Date Range.
To Date	Select the end date of the period during which the report was generated.
	Note: This field appears if the user select the filter option as Inquiry Date and value as Date Range.

Table 2-21 (Cont.) Credit Bureau Display- Field Description

4. On the **Search Criteria** screen, specify the details and click **Search**.

The search results displays showing a list of records based on the specified search criteria.

Figure 2-24	Credit Bureau Displa	y - Report History
-------------	----------------------	--------------------

Credit Bureau Display		::>
Search Criteria		
Filter	Volke Date Today	Reset) Search
Report History		
Inquiry Date	External Reference Number	Product Processor
▶ 7/7/2021	SA00010	OFLO
▶ 8/9/2021	725SAN20210809170832	OFLO
▶ 8/9/2021	710SAN20210809180863	OFLO
▶ 8/22/2021	672SANAP	OFLO
▶ 8/17/2021	771SANDYAPPLN	OFLO
▶ 8/17/2021	ADAP17AUG1APP	OFLO
▶ 8/10/2021	ADAP9AUG45	OFLO
Page 1	of 2 (1 · 5 of 7 items) < 4 1 2 • 3	

Table 2-22 Credit Bureau Display - Report History – Field Description

Field	Description
Inquiry Date	Displays the inquiry date of the request from product processor to bureau integration service.
External Reference Number	Displays the external reference number provided by the product processor.



Table 2-22 (Cont.) Credit Bureau Display - Report History – Field Description

Field	Description
Product Processor	Displays the name of the product processor that sent the request.

5. Click the arrow icon to view the corresponding list of reports.

The list of reports displays on Credit Bureau Display screen.

Figure 2-25 Credit Bureau Display - List of Report

redit Bureau Display		
arch Criteria		
ŧ []		
Filter Value Date		
Inquiry Date Today	•	
		Reset
		· · · · · · · · · · · · · · · · · · ·
eport History		
iquiry Date	External Reference Number	Product Processor
• 7/7/2021	SA00010	OFLO
Applicant Name		
V JOHN CANN		
Experian	View	
Inquiry ID 777827ac-a774-4154-b00c-4a7e0db115b	1	
Report ID 7/7/2021		
Product creditProfile		
▼ 8/9/2021	7255AN20210809170832	OFLO
Applicant Name		
V JOHN CANN		
Experian	View	
Inquiry ID 23645b37-e384-4a30-b0ac-74dfb63f6208		
Report ID rrt-0d2b4036c723d0c42-c-wo-26189-2871324	4	
Report Date 8/9/2021		
Product Extended_View		
8/9/2021	710SAN20210809180863	OFLO
8/22/2021	672SANAP	OFLO
▶ 8/17/2021	771SANDYAPPLN	OFLO
▶ 8/17/2021	ADAP17AUG1APP	OFLO

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

Table 2-23 Create Bureau Display - List of Report – Field Description

Field	Description
Applicant Name	Displays the name of the applicant.
Bureau Name	Displays the name of the credit bureau agency.
Inquiry ID	Displays the inquiry ID generated by bureau integration service.
Report ID	Displays the report ID provided by the credit bureau agency.
Report Date	Displays the date on which the credit bureau report is generated by the bureau.
Product	Displays the product of the credit bureau agency.



Table 2-23 (Cont.) Create Bureau Display - List of Report – Field Description

Field	Description
View	Click View to view the credit bureau report.

6. Click the **View** link to view the credit bureau report.

The Create Bureau Display - Bureau Report displays.

Figure 2-26 Create Bureau Display - Bureau Report

redit Bureau Display		12
eau Report		
Bureau Name Experian	Product Name creditProfile	
Report ID rrt-070e8d1b8cae43d3a-a-wo-17025-2788288-1	Report Date 7/7/2021	
	Date of Birth	
	D08 1955-08-24	
	Name	
	First Name Middle Name Surname Type	
	JOHN NORMAN CANN	
	JUNN N CANN IOINN BARRY A	
	Social Security Number	
	Number SSN Indicator	
	300000000 MAUAUAA	
	Dick Model	
	Evaluation Model Indicator Score Score Factors	
	importance : 1, code : 11	
	P BC 0783 importance : 2 . code : 12	
	importance 3, code 15	
	underseura («) dans) es	

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

Table 2-24 Oreate Duread Display - Duread Report - Field Description	Table 2-24	Create Bureau Display -	- Bureau Report -	 Field Description
--	------------	-------------------------	-------------------	---------------------------------------

Field	Description
Bureau Name	Displays the name of the credit bureau agency.
Product Name	Displays the product name of the credit bureau agency.
Report ID	Displays the report ID provided by the credit bureau agency.
Report Date	Displays the date on which the credit bureau report is generated by the bureau.

2.7 Integrating Bureau Integration Service with Oracle Banking Routing Hub

This topic describes the information to integrate the Bureau Integration service with Oracle Banking Routing Hub.

This topic contains the following subtopics:

 Oracle Banking Routing Hub Configuration This topic describes the information about Oracle Banking Routing Hub Configuration for the Bureau Integration service.



2.7.1 Oracle Banking Routing Hub Configuration

This topic describes the information about Oracle Banking Routing Hub Configuration for the Bureau Integration service.

The user needs to import the existing service consumer and providers into the system.

- Service Consumers This topic describes systematic instructions to configure the service consumers.
- Service Providers This topic describes the systematic instructions to configure the service providers.
- Experian Configuration This topic provides the figures for the Experian configuration.
- Equifax Configuration This topic describes the information about Equifax configuration.
- Document Configuration This topic describes the information about document configuration.
- Troubleshooting This topic describes the information for troubleshooting the Oracle Banking Routing Hub.

2.7.1.1 Service Consumers

This topic describes systematic instructions to configure the service consumers.

The **Service Consumer** is an Oracle product that invokes Oracle Banking Routing Hub API. Oracle Banking Routing Hub analyses, evaluates the destination product processor and, transforms the data into a format of the same.

The Service Consumer comprises the source and destination integration details.

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

- 1. On Home screen, click Core Maintenance. Under Core Maintenance, click Routing Hub.
- 2. Under Routing Hub, click Service Consumers.

The Service Consumers screen displays.

Figure 2-27 Service Consumers

Service Consumer	s									;; ×
Add L Import	Search Q									
OBIC_FCUBS	TestConsumer	:	OBLM	:	OBLM-bbbb	:	OBLM_JKM	Testing	:	
OBLM_DDA	OBLM_629_test	:	OBLM-NEW	:	OBLM_Mashreq	:				
Page 1	of 2 (1 - 10 of 14 items)	< 4	1 2 · >I							

Add Service Consumer

3. Click Add.

The Add Service Consumer screen displays.

ime		Audit Type
		Service level configuration
	Required	
Environment Vari	iables	
D		
L+ /uu		
oup		
oup Select		
oup Select	- Required	
Select Actions	Required Name	Value

Figure 2-28 Add Service Consumer

4. Specify the fields on Add Service Consumer screen.



Table 2-25 Add Service Consumer - Field Description

Field	Description
Name	Specify the name of the service consumer.
	 Note: Enter 0 to maximum of 255 characters. No numeric value at beginning and no space allowed.



Field	Description
Add	To add, refer to step 5. Select the group from the drop-down list.
	The available options are:
	Variable
Group	Select the group from the drop-down list.
Action	Displays the action. The user can edit or delete the header.
Name	Displays the name of the header.
Value	Displays the value of the header.

Table 2-25 (Cont.) Add Service Consumer - Field Description

Environment Variables:

The user must define the group of variables which can be accessed throughout the specific consumer's configuration.

The syntax for accessing environment variables is below: \$env.Environment_Group_Name.Environment_Variable_Name

For example, \$env.COMMON.BRANCH_CODE

- 5. To add Environment Variables, follow below steps.
 - a. On Add Service Consumers, click Add and select Group from drop-down list to add the group.

The Add Environment Group screen displays.

Figure 2-29 Add Environment Group

Add Environme	it Group		
Name			
	1	Required	

b. Specify the fields on Add Environment Group screen and click OK.





Field	Description
Name	Specify the name of the environment group.
	 Note: Enter 0 to maximum of 255 characters. No numeric value at beginning and no space allowed.

Table 2-26 Add Environment Group - Field Description

c. Click Add on Add Service Consumer screen and select Variable from drop-down list to add the variable.

The Add Environment Variable screen displays.

Figure 2-30 Add Environment Variable

d. Specify the fields on Add Environment Variable screen and click OK.





Field	Description
Name	Specify the name of the environment variable.
	 Note: Enter 0 to maximum of 255 characters. No numeric value at beginning and no space allowed.
Value	Specify the value of the environment variable. The value can either be hardcoded or Velocity mapping.

Table 2-27 Add Environment Variable - Field Description

6. Click **Save** to save the details.

The **Confirmation** screen displays.

Figure 2-31 Confirmation - Add Service Consumers



8. Click Import.

The Import Service Consumer screen displays.



Import Service Consumer		
File		
	Select	Extract
Name		
Required		
Overwrite extended templates		
⊖ Yes ● No		
✓ Service Providers		
Name Name		
No data to display.		
		Import

Figure 2-32 Import Service Consumer

9. Specify the fields on Import Service Consumer screen and click OK.



 Table 2-28
 Import Service Consumer - Field Description

Field	Description
File	Select the file using Select .
	Note: Allows only to select one file and accepts only JSON file.
Extract	Extracts the consumer name and service provider list from JSON file and displays it in the respective elements.



Field	Description
Name	Specify the name of the service provider.
	 Note: Enter 0 to maximum of 255 characters. No numeric value at beginning and no space allowed.
Name	Displays the list of service providers names that are present in JSON file.

Table 2-28 (Cont.) Import Service Consumer - Field Description

10. Click **Import** to import the selected file.

The **Confirmation** screen displays.

Figure 2-33 Confirmation - Import Service Consumer



11. Click **Confirm** to import the service consumer.

Note:

Below data needs to be changed after importing provider configuration file:

- Implementation Host and Port
- Implementation Authentication Password

View Service Consumer

12. Click 3 dots button (operation menu) and click View.

The View Service Consumer screen displays.



Actions	Name		Value	
Select	•			
Group				
 Environment Variables 				
DBLM_Mashreq				
Name		Audit Type		
lew Service Consumer				D

Figure 2-34 View Service Consumer

The user can click edit button to edit the **Service Consumer**.

Edit Service Consumer

13. Click 3 dots button (operation menu) and click Edit.

The Edit Service Consumer screen displays.

Figure 2-35 Edit Service Consumer

Name		Audit Type	
OBLM_Mashreq		Select	
			Requ
 Environment Variables 			
Add ▼			
Group			
Select	-		
	Required		
Actions	Name	Value	
No data to display.			
. ,			



14. Click Save once the edit is done.

The **Confirmation** screen displays.

Figure 2-36 Confirmation - Edit Service Consumer

	Confirmation	×
	Do you want to save the record?	
	Cancel	
15.	Click Confirm to save the record.	
Del	ete Service Consumer	

- 16. Click 3 dots button (operation menu) and click **Delete**.

The **Confirmation** screen displays.

Figure 2-37 Confirmation - Delete Service Consumer

Confirmation	×
Do you want to delete the record?	
	Cancel Confirm

17. Click **Confirm** to delete the record.

Export Service Consumer in JSON

18. Click 3 dots button (operation menu) and click Export. Select JSON.

The Export Service Consumer screen displays.



Export	Service Consumer	×
Name		
OBLN	M_Mashreq	
✔ Ser	vice Providers	
	Name	
	FCUBS-IFService 14.5	
	FCUBS-CoreService 14.5	
П	ODDM DMD40.40	
		Export

Figure 2-38	Export Service	Consumer - JSON
-------------	----------------	------------------------

No.	ote:	
•	Th to	e user has an option to select service providers from the list which needs be exported or can click on select all for all service providers.
•	Th	e JSON Export feature exports below data:
	_	Selected service consumer
	_	All consumer services
	_	Selected service providers with services
	-	Default implementation of selected service providers with services (without Host, Port and Authentication Password)
	_	Default transformations
	-	All default implementation routes
alaat tha	* • •	vised convice providers and click Expert

19. Select the required service providers and click $\ensuremath{\text{Export}}.$

The **Confirmation** screen appears.



Figure 2-39 Confirmation - Export Service Consumer in JSON

20. Click **Confirm** to export in JSON.

Export Service Consumer in SQL

21. Click Export and select SQL.

The **Confirmation** screen appears.

Figure 2-40 Confirmation

Confirmation	×
Do you want to export? Note: Sensitive data such as Implementation Host, Port and Password will not be exported	
Cancel	

Note:

The SQL Export feature exports entire configuration without Host, Port, and Authentication Password details.

22. Click **Confirm** to export the Service Consumer in SQL.

2.7.1.2 Service Providers

This topic describes the systematic instructions to configure the service providers.

The **Service Providers** are the product processors configure to process request send by oracle banking routing hub on behalf of service consumers. It comprises of the destination integration details.

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

1. On Home Screen, click Core Maintenance, Under Core Maintenance, click Routing Hub.



- 2. Under Routing Hub, click Service Consumers.
- 3. On Service Consumers screen, click the required service consumer.

The Service Providers screen displays.

Figure 2-41 Service Providers

Service Consumers	::×
OBIC_FCUBS	
Service Providers Consumer Services	
Ct. Add Ct. Import Search Q	
FCUBS IL5 Version IL5 Type EXTERNAL Status ACTIVE	
Page 1 of 1 (1-1 of 1 items) $ \langle \langle 1 \rangle \rangle$	

To Add Service Provider

4. Click Add.

The Add Service Provider screen displays.

No durat Manag		Ture		
Product Name		Type		
		Select	•	
	Required		Required	
/ersion		Active		
	Required			
✓ Headers				
Add				
L+				
Actions	Name	5	Value	
No data to display.				
. ,				
✓ Service				
Гуре	URL			
WSDI			Import	
VVJDL				
Service		Operation		
Service No data to display.		Operation		
Service No data to display.		Operation		
Service No data to display.		Operation		

5. Specify the fields on Add Service Provider screen.

Note:

The fields marked as **Required** are mandatory.

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

Table 2-29 Add Service Provider - Field Description

Field	Description	
Product Name	Specify the product name of the service provider.	
	 Note: Enter 0 to maximum of 255 characters. No numeric value at beginning and no space allowed. 	
Туре	Select the type of service provider from drop-down list The available options are: INTERNAL EXTERNAL	
Version	Specify the provider version.	
	 Note: Enter 0 to maximum of 255 characters. Only numeric or decimal values are allowed. 	
Active	Predefined values are Active / Inactive If provider is marked as inactive, then all related routes will be stopped.	
Add	To add, refer to step 4.	
Actions	Displays the action. The user can edit or delete the header.	
Name	Displays the name of the header.	
Value	Displays the value of the header.	
Туре	Select the type of service from drop-down list. The available options are: • WSDL • SWAGGER	
URL	Specify the service URL of the file location.	
Import	Click Import to extract the service information from URL.	
Service	Displays the extracted service from the selected URL.	
Operation	Displays the extracted operation from the selected URL.	

Headers

External product processor might require some standard headers to be passed along with the request. User can specify the headers which are required by service endpoints for its all implementations but not present in swagger file.

- 6. To add **Headers**, follow below steps.
 - a. Click Add.

The Add Header screen displays.

Figure 2-43 Add Header

Add Header		>
Name		
	Required	
Value		
		ОК

b. Specify the fields on Add Header screen and click OK.



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

Table 2-30 Add Header - Field Description

Field	Description
Name	Specify the name of the header.
Value	Specify the value of the header.

7. Click **Save** to save the details.

The Confirmation screen displays.





	Confirmation			×
	Do you want to save the record?			
		Cancel	Confirm	
8.	Click Confirm to save the record.			
Imj	port Service Provider			
9.	Click Import.			
	The Import Service Provider screen displays.			

Figure 2-45 Import Service Provider

File	Select	mport Service Provider
Sel	Select	île



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

 Table 2-31
 Import Service Provider - Field Description

Field	Description
File	Select the file using Select button.
	Note: Allows only to select one file and accepts only JSON file.

10. Click **Import** to import the selected file.

The **Confirmation** screen displays.

Figure 2-46	Confirmation -	Import
-------------	----------------	--------

Confirmation	,
Do you want to import? Note: Kindly update the Implementation Host, Port and Password once imported	
Cancel	Confirm

Note:

Below data needs to be changed after importing provider configuration file:

- Implementation Host and Port
- Implementation Authentication Password
- **11.** Click **Confirm** to import the record.

View Service Provider

12. Click 3 dots button (operation menu) and click **View**.

The View Service Provider screen displays.

Figure 2-47 View Service Provider

View Service Provider		× ₽
Product Name	Туре	
FCUBS	EXTERNAL	
Version 14.5	Active On	
> Headers		
✓ Service		
Service	Operation	
FCUBSIFService (FCUBSIFServiceSEI)	ModifyExtAccEcaEntriesIO	
FCUBSIFService (FCUBSIFServiceSEI)	CreateExtAccEcaEntriesIO	
FCUBSIFService (FCUBSIFServiceSEI)	ModifyEXTClgStatusFS	
FCUBSIFService (FCUBSIFServiceSEI)	CreateExtAccEntriesFS	



The user can click edit button to edit the **Service Provider**.

Edit Service Provider

13. Click 3 dots button (operation menu) and click Edit.

The Edit Service Provider screen displays.

Figure 2-48 Edit Service Provider

roduct Name		Туре		
FCUBS		EXTERNAL	•	
ersion		Active		
14.5				
 Headers 				
Add				
Actions	Name	Value	2	
No data to display.				
 Service 				
ype URL				
WSDL 🔻			Import	
		Required		
Service		Operation		
FCUBSIFService (FCUBSIFServiceSE	ΞΙ)	ModifyExtAccEcaEntriesIO		
FCUBSIFService (FCUBSIFServiceSE	EI)	CreateExtAccEcaEntriesIO		
FCUBSIFService (FCUBSIFServiceSE	EI)	ModifyEXTClgStatusFS		
	-1)	Create Evit Acc Extrine EC		
FCUBSIFService (FCUBSIFServiceSE	=1)	CreateExtAccEntriesFS		

14. Click **Save** once the edit is done.

The **Confirmation** screen displays.

Confirmation		>	×
Do you want to save the record?			
	Cancel	Confirm	



15. Click **Confirm** to save the record.

Delete Service Provider

16. Click 3 dots button (operation menu) and click Delete.

The **Confirmation** screen displays.

Figure 2-50 Confirmation - Delete Service Provider



17. Click **Confirm** to delete the record.

Export Service Provider

18. Click 3 dots button (operation menu) and click Export.

The Confirmation screen displays.

Figure 2-51 Confirmation - Export Service Provider

Confirmation	×
Do you want to export? Note: Sensitive data such as Implementation Host, Port and Password will not be exported	
Cancel	firm

Note:

The following data cannot be exported:

- Implementation Host
- Implementation Port
- Implementation Authentication Password

The above data needs to be configured manually after importing the configuration file. Same has been mentioned in Import section.

19. Click **Confirm** to export the record.

2.7.1.3 Experian Configuration

This topic provides the figures for the Experian configuration.

```
Experian Fetch Credit Report
```

Figure 2-52 Experian Fetch Credit Report

View Transformation		Cà N	<
✓ Request Transformation			
Template Type			
VELOCITY			
Template <soapenv:envelope fcubs.ofss.com="" fcubscoreserv<br="" http:="" service="" xmlns:soapenv="http://schemas.xmlsoa
xmlns:fcub="><createextaccecaentries_fsfs_req xmlns="http://fc
<FCUBS_HEADER>
<SOURCE>EXTSYS</SOURCE>
<UBSCOMP_FCUPS <UBSCOMP
Extended Template</td><td>ap.org/soap/envelope/'
rice'><soapenv:Header/><soapenv:Body>
ubs.ofss.com/service/FCUBSIFService"></createextaccecaentries_fsfs_req></soapenv:envelope>			
 Response Headers Response Transformation Template Type 	Template		



×

View Transformation		
Name	Active	e
FCUBS-CREATEEXTACCECAENTRIES	On	
✓ Product Processor		
Product Processor	Implementation	Service
FCUBS-IFService 14.4	FCUBS-IFService_Default	It FCUBSIFService (FCUBSIFServiceSE
✓ Service		
Service	Opera	ation
FCUBSIFService (FCUBSIFServiceSEI)	Cre	eateExtAccEcaEntriesFS
✓ Headers		
Actions	Name	Value
No data to display.		
✓ Request Transformation		
Template Type		
VELOCITY		
Template		
<pre><soapenv:envelope fcubs.ofss.com="" http:="" ser<br="" xmlns:soapenv="ht
xmlns:fcub="><createextaccecaentries_fsf_f <fcubs_header> <source/>EXTSVS <ubscompscubsc td="" ubscompscubscubscompscubscubscompscubscubscubscubscubscubscubscubscubscub<=""><td>ttp://schemas.xmlsoap.org/s vice/FCUBSCoreService'><sc REQ xmlns="http://fcubs.ofss</sc </td><td>soap/envelope/" oapen:Header/><soapenv:body> s.com/service/FCUBSIFService"></soapenv:body></td></ubscompscubsc></fcubs_header></createextaccecaentries_fsf_f </soapenv:envelope></pre>	ttp://schemas.xmlsoap.org/s vice/FCUBSCoreService'> <sc REQ xmlns="http://fcubs.ofss</sc 	soap/envelope/" oapen:Header/> <soapenv:body> s.com/service/FCUBSIFService"></soapenv:body>
Extended Template		

Figure 2-53 Experian Fetch Credit Report

Experian Sandbox

The **Service Consumer** is used to export details of fetch credit report from sandbox environment.

Figure 2-54 Experian Sandbox

Service Consumer	5		;; ×
OBLM-NEW			
Service Providers Consume	er Services		
Add La Import	Search Q		
Actions	Name	Description	
:	ACCOUNTHANDOFF	DDA account handoff	
:	VAM-BalanceQuery	OBVAM Balance Fetch	
:	PMRItOutService	Request for transfer - MT101	
: Page 1	of 1 (1-5 of 5 items) ζ ← (1 →)	Piece Baddes annual condex 19907	

2.7.1.4 Equifax Configuration

This topic describes the information about Equifax configuration.

Equifax is configured in lookup as a bureau and rule services to configure in Oracle Banking Routing Hub as consumer service to fetch details from Equifax sand.



Equifax Fetch Credit Report

	Figure 2-5	5 Equifa	ax Fetch C	redit Report
--	------------	----------	------------	--------------

View Transformation		ß
✓ Request Transformation		
Template Type		
VELOCITY		
Template		
<soapenv:envelope fcubs.ofss.com="" fcubscoresi<br="" http:="" service="" xmlns:soapenv="http://schemas.xml
xmlns:fcub="><createextaccecaentries_fsfs_req xmlns="'http://
<FCUBS_HEADER>
<SOURCE>EXTSYS</SOURCE></th><th>soap.org/soap/envelope/'
ervice'><soapenv:Header/><soapenv:Body>
/fcubs.ofss.com/service/FCUBSIFService"></createextaccecaentries_fsfs_req></soapenv:envelope>		
Extended Template		
> Response Headers		
✓ Response Transformation		
Template Type	Template	

Figure 2-56 Equifax Fetch Credit Report

Servi	ce Consumer	s				;; ×
OBLM_M	ashreq > Consu	umer Services	> ACCOUNTHANDOFF			
Transform	ation Routing					
□ Add	Import	Search	Q			
Actions	Name	Status	Product Processor	Implementation	Service	
:	A1	ACTIVE	FCUBS-IFService 14.5	FCUBS-IFService_Default	FCUBSIFService (FCUBSIFServiceSEI) - CreateExtAccEcaEntriesFS	
Page 1		of 1 (1	- 1 of 1 items) <			

Equifax Sandbox

The Service Consumer exports details of fetch credit report from sandbox environment.

View Implementation			× ۵
Name			
OBPM-PMSinglePayOutService_Defa			
Description			
Default Implementation			
Туре	Default		
DEFAULT	On		
Scheme	Host	Port	
http			
> Authentication			
> Headers			
> Service			

2.7.1.5 Document Configuration

This topic describes the information about document configuration.

Bureaus usually send applicants credit reports in PDF or encrypted format. The product processors prefers the PDF reports for easy readability and usability. In addition, product processors want to display PDF reports in their system and share these reports with the applicants. In such cases, the PDF credit reports are stored in the document server, which can be accessed by the bureau integration service and the product processor.

2.7.1.6 Troubleshooting

This topic describes the information for troubleshooting the Oracle Banking Routing Hub.

Oracle Banking Origination issues faced during cmc-obcbs-service and cmc-obrhservices integration

The password for the Experian account had expired.

The solution is to login to the Experian website and reset the password. The new password is generated via mail and you can configure in Oracle Banking Routing Hub for token generation.

Unable to connect to external server

Oracle Banking Routing Hub server is unable to connect to the experian server. The proxy is not configured

The VM arguments were added for oracle banking routing hub's managed server.

- Dhttps.proxyHost=www-proxy-idc.in.example.com
- Dhttps.proxyPort=80

Oracle Banking Routing Hub environment variable value not found

The environment variable for the	Bureau Integra	ation Servic	e product processor is	improper.
<pre>(\$.headers["bureauType"][0])</pre>	The correct	path was		
provided(\$.headers["bureauTyp	pe"][0]			



3 Decision Service

This topic describes the information about decision service.

This topic contains the following subtopics:

- Overview This topic describes the overview about the Decision service.
- Process Flow This topic describes the information about the entire process flow for the Decision service.
- Strategy Configuration This topic describes the information about the strategy configuration for Decision service.
- System Parameter This topic describes the information about the system parameter configured in Decision service.
- Lookup This topic describes the information about the lookup feature in Decision service.
- Product Processor This topic describes the information about the product processor.
- Borrowing Capacity
 This topic describes the information about the total amount the applicant is eligible to borrow.
- Strategy Configuration This topic describes the information about the strategy configuration.
- Scoring Feature This topic describes the information about the scoring feature in Decision service.
- Quantitative Scoring Model

This topic describes the information about the Quantitative scoring model for the Decision service.

- Decision Grade Matrix This topic describes the information about the decision grade matrix feature.
- Pricing

This topic describes the information about the pricing feature in Decision service.

Validation Model

This topic describes the information about the Validation model.

Qualitative Scoring Model

This topic describes the information about the Qualitative scoring model for the Decision service.

- Questionnaire This topic describes the information about the questionnaire used for credit analysis.
- Counter

This topic describes the information about the counter feature.



- Charge Code This topic describes the information about the charge code feature.
- Execution Summary
 This topic describes the information to view the decisions, credit score and pricing for the processed application.
- Integrating Decision Service with Oracle Banking Routing Hub

This topic describes the information to integrate the Decision service with Oracle Banking Routing Hub.

3.1 Overview

This topic describes the overview about the Decision service.

The Decision service provides automatic decision making capabilities that can allow lenders to develop simple business processes and strengthen the decision-making process.

It gives flexibility to adjust the credit scoring model according to the lending policy.

When an organization calls the decision service to make a decision based on data attributes shared, system solves the best fit scoring model and provide scores and decisions.

Decision Service is a robust and scalable system that can be easily integrated with any product processor providing auto decision capability and risk based pricing.





Decision service can be called from various product processor such as Collections, Deposits, Loans, Insurance, Trade Finance or Payment etc. This product processor calls the decision service and the decision service intern uses the rule engine to configure various complex rules.

The decision service can calculate behavioral scores and suggest the best recommended collection strategy accordingly. For lending products, it can offer a credit score, a decision based on the score, the recommended rate of interest and the ability to calculate which is the maximum amount that can be borrowed by the applicant.



3.2 Process Flow

This topic describes the information about the entire process flow for the Decision service.



Figure 3-2 Decision Service - Process Flow

Questionnaire

The first step is to get the questionnaire. The product processor sends the data of all the applicants in the application. A qualitative scoring model is resolved for each applicant and this information along with the details of the questionnaire is sent back to the product processor. The product processor captures the response to the questions and sends back as part of the second step which is the execution of the credit decision.

Validation Model

First step in execution of the credit decision is validation screening. In this application prescreening is done to check the basic eligibility of the application as per the bank's policy. For example, if the bank's policy is not to fund to property in flood prone area, then as a part of this step, if the property is in flood prone area then the application will be rejected and the application will not be processed further. Or the applicant's minimum age should be more then 18 and the applicant applying is of less than 18, in that case the application is rejected, and it will not be processed further.

Borrowing Capacity

Once eligibility is checked, the next step is borrowing capacity. This is the maximum loan amount the applicant is eligible for. The stage at which it is to be calculated depends on the configuration made. It can be calculated before the scoring after the decision. The loan amount considered for decision is minimum of requested loan amount or the amount calculated for scoring, decision and pricing.

Qualitative Score

After borrowing capacity, the next step is qualitative scoring done using the feedback from the applicants for questionnaire.

Quantitative Score

After qualitative scoring next step is quantitative scoring where scoring is done using application and bureau attributes such as salary, number of credit lines, bureau score, etc.

Decision and Grade

The decision on the application is done based on the quantitative and qualitative scores. The decision can be approve, manual or decline.

The borrowing capacity can also be calculated after the decision, in this case, the amount calculated will be used only for pricing.

Pricing

The last step is to determine the recommended interest rate. This is a risk-based price that refers to offering different interest rates to different customers depending on their risk exposure.

3.3 Strategy Configuration

This topic describes the information about the strategy configuration for Decision service.

Decision service is used for multiple purposes such as borrowing capacity, borrowing capacity plus pricing, only pricing, only decision, logical plus decision, etc. System should have an ability to configure the strategy like when the decision service is being called for borrowing capacity, should the request pass through the logical check. In addition, the product processor can configure different strategies for different product types or customer types. Strategy configuration allows the product processor to configure the strategy can be defined for origination, servicing or collection. In addition, multiple strategy can be defined for the same module like for origination, that is, multiple strategy can be defined. This maintenance allows the product processor to configure to its need for all the modes for which the decision service can be called for be defined. This maintenance allows the product processor to configure to its need for all the modes for which the decision service can be called for.

The various request types using which the product processor can call the decision service are mentioned below:

- Score, Decision, and Pricing
- Score and Decision
- Scores
- Pricing and Borrowing Capacity
- Pricing
- Borrowing Capacity
- Decision
- Qualitative Score
- Quantitative Score



3.4 System Parameter

This topic describes the information about the system parameter configured in Decision service.

System Parameter define the information or values used throughout the system and drives the behavior of the features. They control the way task is executed, or whether the system performs a particular task. Some of the parameters are set when the system is installed, but the values associated with the parameter needs to be reviewed and is to be maintained.

Example:

- qualitativeScore
- quantitativeScore
- applicant_score
- Requested Amount
- CDS GRADE

The fact associated to these system parameters are used programmatically and added in the pool of facts. To define the system parameters, the keys of the system parameters have to be defined in a lookup called SYSPARAM.

This topic contains the following subtopics:

Create System Parameter

This topic describes the systematic instructions to create system parameter by updating the various details.

• View System Parameter This topic describes the systematic instructions to view the list of configured system parameter.

3.4.1 Create System Parameter

This topic describes the systematic instructions to create system parameter by updating the various details.

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

- On Homescreen, click Core Maintenance, under Core Maintenance, click Credit Decision.
- 2. Under Credit Decision, click Maintenance, under Maintenance, click System Parameter, under System Parameter, click Create System Parameter.

The Create System Parameter screen displays.

Create System Parameter		:: ×
Basic Details		
Parameter Code	Parameter Description	
Select		
Required	Required	
Product Processor	Value	
•		
Required	Required	
		Card Card

Figure 3-3 Create System Parameter



3. On Create System Parameter screen, specify the fields.



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

 Table 3-1
 Create System Parameter - Field Description

Field	Description
Parameter Code	Select the parameter code from the drop-down list.
Parameter Description	Specify the short description for the parameter code.
Product Processor	Select the product processor from the drop-down list for which the parameter is being created.
Value	Specify the value for the parameter code.

4. Click Save to save the details.

The **System Parameter** is successfully created and can be viewed using the View System Parameter screen.

3.4.2 View System Parameter

This topic describes the systematic instructions to view the list of configured system parameter.

The user can configure the system parameter using the Create System Parameter screen. The status of the created system parameter is displayed as **Unauthorized** and **Open**. Once the checker authorizes the system parameter, the status is updated to **Authorized** and **Open**.

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

- 1. On Homescreen, click Core Maintenance, under Core Maintenance, click Credit Decision.
- 2. Under Credit Decision, click Maintenance, under Maintenance, click System Parameter, under System Parameter, click View System Parameter.

The View System Parameter screen displays.

Figure 3-4 View System Parameter

)					E
Parameter Code: 2023-01-05-17:01:50Samp:	Parameter Code: decision	Parameter Code: applicant_score	Parameter Code: 2022-12-01-15:12:96Sampl	Parameter Code: Requested_Amount	Parameter Code: 2022-12-02-12:12:17Sampl
Description 2023-01-05 Product CMC	Description dectston Product OFLO	Description applicant_score Product OFLO	Description 2022-12-01 Product OFLO	Description Requested_Amount Product OFLO	Description 2022-12-02 Product OFLO
D Authorized 🔓 Open 🖾 4	D Authorized 🔓 Open 🔯 1	🗅 Authorized 🔓 Open 🖾 1	🗅 Authorized 🔒 Open 🖾 4	D Authorized	D Authorized 🔓 Open 🛛
Parameter Code: CDS_GRADE	Parameter Code: quantitativeScore	Parameter Code: qualitativeScore	Perameter Code: 2023-01-06-14:01:05Samp:		
Description CDS_GRADE Product OFLO	Description quantitativeScore Product OFLO	Description qualitativeScore Product OFLO	Description 2023-01-06 Product OFLO		
DAuthorized	D Authorized 🔓 Open 🔯 1	D Authorized	DAuthorized 🔓 Open 🖾 4		



Field	Description
Parameter Code	Displays the parameter code.
Description	Displays the description of the parameter code.
Product Processor	Displays the product processor of the parameter.
Authorization Status	Displays the authorization status of the record. The options are: • Authorized • Rejected • Unauthorized
Record Status	Displays the status of the record. The options are: • Open • Closed
Modification Number	Displays the number of modification performed on the record.

 Table 3-2
 View System Parameter - Field Description

3. On View System Parameter screen, click icon.

The View System Parameter - Search screen displays.

Figure 3-5 View System Parameter - Search

Search Filter
Parameter Code
Authorization Status
Record Status
Search Reset

4. On View System Parameter - Search screen, specify the Search Filter to fetch the required system parameter.

Field	Description
Parameter Code	Specify the parameter code.
Authorization Status	 Select the authorization status from the drop-down list. The available options are: Authorized Rejected Unauthorized
Record Status	Select the record status from the drop-down list. The available options are: • Open • Closed

Table 3-3 View System Parameter - Search – Field Description

- 5. Click **Search** to display the required system parameter.
- 6. On View System Parameter screen, click View the created parameters.
- icon to Unlock, Delete, Authorize or
- 7. Click Unlock to modify the created system parameter.

The System Parameter Maintenance - Modify screen displays.

Figure 3-6	System Parameter	Maintenance - Modify
------------	------------------	----------------------

System Parameter Maintenance		::×
Basic Details		
Parameter Code	Parameter Description	
qualitativeScore 💌	2023-01-05-17:01:50SampleTest	
Product Processor	Value	
PR20230105140150	30	
Audit	Cancel	Save

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

Table 3-4 System Parameter Maintenance - Modify - Field Description

Field	Description
Parameter Code	Displays the created parameter code.
Parameter Description	Displays the created parameter description.
Product Processor	Specify the product processor of the created parameter.
Value	Specify the value for the created parameter.

8. Click Save to update the modified fields.

9. Click View to view the created system parameter.

The System Parameter Maintenance - View screen displays.

Figure 3-7 System Parameter Maintenance - View

System Parameter Maintenance	;; ×
Basic Details	
Parameter Code	Parameter Description
2023-01-05-17:01:50SampleTest	2023-01-05-77-01:50SampleTest
Product Processor	Value
PR20230105140150	30
Aude	

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

Table 3-5 System Parameter Maintenance - View - Field Description

Field	Description
Parameter Code	Displays the created parameter code.
Parameter Description	Displays the created parameter description.
Product Processor	Displays the product processor of the created parameter.
Value	Displays the value for the created parameter.

3.5 Lookup

This topic describes the information about the lookup feature in Decision service.

The lookup are the service for mapping of keys and values used to enrich the description of the data displayed to the user. The lookup screen allows user to define contents for a list of dropdown or value fields. These are used throughout the system. The identified fields only accept the entries stored.

Below are some examples of the lookup fields.

- Static/Enumeration values
 - Decision: Like Approve, Decline, Manual.
 - Colour like red, green etc. Colour is used to highlight the decision i.e. Approve to be highlighted in Green, Reject can be highlighted in Red. The colour and decision combination is configurable.
 - Grade like A, B, C etc.
 - Strategy Configuration Code
 - ScoringModelType,
 - ExecutionSteps,
 - ExecutionModes,
 - BWCExecStage,
 - QuestionType,
 - QuestionSubType
- Dependent lookup based on another selection
 - Pricing lookup Based on decision, Pricing should have different behaviour based on decision.

This topic contains the following subtopics:



Create Lookup

This topic describes the systematic instructions to create lookup definitions by updating various details.

View Lookup

This topic describes the systematic instructions to view the list of configured lookup for Decision Service.

3.5.1 Create Lookup

This topic describes the systematic instructions to create lookup definitions by updating various details.

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

- 1. On Homescreen, click Core Maintenance, under Core Maintenance, click Credit Decision.
- 2. Under Credit Decision , click Maintenance, under Maintenance, click Lookup, under Lookup, click Create Lookup.

The Create Lookup screen displays.

Figure 3-8 Create Lookup

Basic Details Lookup Type Description Readward R	Regulard Regulard Sort Order Dependent Enable	Best Details Decription	crea	te Lookup				1, 0
.cokup Codes + - - - - - oskup Code Description Description Soit Order Description	Sort Order Dynacodert Enable	total Description Soft Order Dependent In table Lockup Code Description Soft Order Description In table Lockup Code Description Soft Order Description In table Lockup Code Description Soft Order Description In table Lockup Code Description Soft Order In table In table Lockup Code International International International International Lockup Code International International International International International	Basic Looku	Details p Type Required	Description	Replied		
+ - bokap Code Description Sort Order Sort Order	Sort Order Dependent Enable	+ - Loskup Cole Description O - Image: Cole - Image: Co	ookup	Codes				
Lookup Code Description Sort Order Dependent	Sort Order Dependent Enable	Losquo Code Description Sort Order Digender Pade Image: Comparison of Com	+					
				Lookup Code	Description	Sort Order	Dependent Identifier	t Enable

3. On Create Lookup screen, specify the fields.



Table 3-6 Create Lookup - Field Description

Field	Description
Lookup Type	Specify the unique lookup type name.
Description	Specify the short description for lookup.
+ button	Click to add a new row.


Field	Description
- button	Click to delete a row that is already added.
Lookup Code	Specify the unique lookup code.
Description	Specify the short description for lookup.
Sort Order	Specify the sort order.
Dependent Identifier	Specify the dependent Identifier.
Enable	By default this option is enabled. Indicates if the lookup is enabled or not.

Table 3-6 (Cont.) Create Lookup - Field Description

4. Click Save to save the details.

The **Lookup** is successfully created and can be viewed using the View Lookup screen.

3.5.2 View Lookup

This topic describes the systematic instructions to view the list of configured lookup for Decision Service.

The user can configure the lookup using the Create Lookup screen. The status of the created lookup is displayed as **Unauthorized** and **Open**. Once the checker authorizes the lookup, the status is updated to **Authorized** and **Open**.

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

- 1. On Homescreen, click Core Maintenance, under Core Maintenance, click Credit Decision.
- 2. Under Credit Decision , click Maintenance, under Maintenance, click Lookup, under Lookup, click View Lookup.

The View Lookup screen displays.

0					
Lookup Type: LookUP20230103160141	Lookup Type: Pricing	Lookup Type: Feature Type	ExecutionSteps	Lookup Type: QuestionType	Lookup Type: AnnumBasis
Description Results	Description Pricing	Description Scoring Model Featur	Description ExecutionSteps	Description Question Type	Description AnnumBasis
Authorized	🔁 Authorized 🔒 Open 🖾 1	🗅 Authorized 🔓 Open 🖄 1	🔁 Authorized 🔓 Open 🖾 1	🕃 Authorized 🔓 Open 🖾 1	D Authorized 🔓 Open
Lookup Type:	Lookup Type:	Lookup Type:	Lookup Type:		
PricingDecision	BWCExecstage	industry	L00K0P20221214141282		
Description Pricing Decision	Description Borrowing Capacity	Description Industry	Description Results		
🗅 Authorized 🔒 Open 🖾 1	🗈 Authorized 🔒 Open 🖾 1	D Authorized 🔒 Open 🔯 1	🗅 Authorized 🔒 Open 🖾 4		

Figure 3-9 View Lookup

Table 3-7 View Lookup - Field Description

Field	Description
Lookup Type	Displays the lookup type.
Description	Displays the description of the lookup type.



Field	Description
Authorization Status	Displays the authorization status of the record. The options are: • Authorized • Rejected • Unauthorized
Record Status	Displays the status of the record. The options are: • Open • Closed
Modification Number	Displays the number of modification performed on the record.

Table 3-7 (Cont.) View Lookup - Field Description

- Q icon.
- 3. On View Lookup screen, click

The View Lookup - Search screen displays.

Figure 3-10 View Lookup - Search

Search Filter	×
Lookup Type	
Authorization Status	
•	
Record Status	
Search Reset	

On View Lookup - Search screen, specify the Search Filter to fetch the required lookup.
 For more information on fields, refer to the field description table.

Table 3-8 View Lookup – Search – Field Description

Field	Description
Lookup Type	Specify the lookup type name.



Field	Description
Authorization Status	Select the authorization status of the lookup. The options are: • Authorized • Rejected • Unauthorized
Record Status	Select the record status of the lookup. The options are: • Open • Closed

Table 3-8 (Cont.) View Lookup – Search – Field Description

::::

- 5. Click **Search** to display the required lookup.
- 6. On View Lookup screen, click created lookup.
- icon to Unlock, Delete, Authorize or View the
- 7. Click **Unlock** to modify the created lookup.

The Lookup Maintenance - Modify screen displays.

Figure 3-11 Lookup Maintenance - Modify

Lool	kup Maintenance				::×
Basi Looku Prid	c Details pe Type ing	Description Pricing			
Lookup	Codes				
+					
	Lookup Code	Description	Sort Order	Dependent Identifier	Enable
	Yes	Yes	1		
	No	No	2		
	STC86202365347	STC86202365347	10		
Audit				Cancel	Save

 Table 3-9
 Lookup Maintenance - Modify - Field Description

Field	Description
Lookup Type	Displays the created lookup type.
Description	Specify the description of the lookup type.
Lookup Code	Displays the lookup code for the created lookup.
Description	Displays the description for the created lookup.
Sort Order	Displays the sort order for the created lookup.

Field	Description
Dependent Identifier	Displays the dependent identifier for the created lookup.
Enable	Displays the lookup code if enabled for the created lookup.

Table 3-9 (Cont.) Lookup Maintenance - Modify - Field Description

- 8. Click **Save** to update the modified fields.
- 9. Click View to view the created lookup code.

The Lookup Maintenance - View screen displays.

Figure 3-12 Lookup Maintenance - View

Look Prici	ap Type 1g	Description Pricing			
Looku	o Codes				
+					
	Lookup Code	Description	Sort Order	Dependent Identifier	Enable
	Yes	Yes	1		
	No	No	2		
	STC86202365347	STC86202365347	10		

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

Table 3-10 Lookup Maintenance - View - Field Description

Field	Description
Lookup Type	Displays the created lookup type.
Description	Displays the created lookup type description.
Lookup Code	Displays the lookup code for the created lookup.
Description	Displays the description for the created lookup.
Sort Order	Displays the sort order for the created lookup.
Dependent Identifier	Displays the dependent identifier for the created lookup.
Enable	Displays the lookup code if enabled for the created lookup.

3.6 Product Processor

This topic describes the information about the product processor.

The source system calling the decision system for decisioning the credit application is defined as product processor. There are multiple data segments like account information, customer details, collateral details, credit bureau information or any additional notes if any is received from the product processor for credit decisioning and pricing in decision service.



This topic contains the following subtopics:

- Create Product Processor This topic describes the systematic instructions to create product processor by updating various details.
- View Product Processor This topic describes the systematic instructions to view the list of product processor.
- Create Product Processor This topic describes the systematic instructions to create product processor by updating various details.
- View Product Processor This topic describes the systematic instructions to view the list of product processor.

3.6.1 Create Product Processor

This topic describes the systematic instructions to create product processor by updating various details.

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

- 1. On Homescreen, click Core Maintenance, under Core Maintenance, click Credit Bureau.
- 2. Under Credit Bureau, click Maintenance, under Maintenance, click Product Processor, under Product Processor, click Create Product Processor.

The Create Product Processor screen displays.

Figure 3-13 Create Product Processor

reate Product Processor		11
Basic Details		
roduct Processor Code	Product Processor Description	
Required	Required	
September 30, 2020		
		Cancel

3. On Create Product Processor screen, specify the fields.





Field	Description
Product Processor Code	Specify the unique product processor code.
Product Processor Description	Specify the short description for product processor.
Effective Date	Specify the effective date.
Expiry Date	Specify the expiry date.

Table 3-11 Create Product Processor - Field Description

4. Click **Save** to save the details.

The **Product Processor** is successfully created and can be viewed using the View Product Processor screen.

3.6.2 View Product Processor

This topic describes the systematic instructions to view the list of product processor.

The user can create the product processor using the Create Product Processor screen. The status of the created system parameter is displayed as **Unauthorized** and **Open**. Once the checker authorizes the system parameter, the status is updated to **Authorized** and **Open**.

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

- 1. On Homescreen, click Core Maintenance, under Core Maintenance, click Credit Bureau.
- 2. Under Credit Bureau, click Maintenance, under Maintenance, click Product Processor, under Product Processor, click View Product Processor.

The View Product Processor screen displays.

Figure 3-14 View Product Processor

Product Processor Code: PR20230103160146	Product Processor Code: CMC	Product Processor Code: OFLO	Product Processor Code: PR20230106140127	Product Processor Code: PR20230106140179	Product Processor Code: TEST2
Product PR20230103160146	Product PR20230105170170	Product OFLO	Product PR20230106140127	Product PR20230106140179	Product TEST26
🗅 Unauthorized 🔓 Open 🖉 5	🗅 Unauthorized 🔒 Open 🖉 5	🗅 Authorized 🔓 Open 🔯 1	Authorized 🔓 Open 🖾 4	Authorized 🔓 Open 🖾 4	🗅 Unauthorized 🔒 Open
Product Processor Code:	Product Processor Code:	Product Processor Code:			
PR20221201151258	UFSLL :	PR20221214141207			
Product PR20221201151258	Product OFSLL	Product PR20221214141267			
D 0	P Authorized A Open 1281	P Authorized A Open 124			

 Table 3-12
 View Product Processor - Field Description

Field	Description
Product Processor Code	Displays the product processor code.
Product Processor Description	Displays the description of the product processor.



Field	Description
Authorization Status	Displays the authorization status of the record. The options are: • Authorized • Rejected • Unauthorized
Record Status	Displays the status of the record. The options are: • Open • Closed
Modification Number	Displays the number of modification performed on the record.

Table 3-12 (Cont.) View Product Processor - Field Description

3. On View Product Processor screen, click icon.

The View Product Processor - Search screen displays.

Figure 3-15 View Product Processor - Search

Search Filter	×
Product Processor Code	
Product Processor Description)
Authorization Status	ļ
•]
Record Status	
Search Reset	

4. On View Product Processor - Screen screen, specify the Search Filter to fetch the required product processor.



Field	Description	
Product Processor Code	Specify the product processor code.	
Product Processor Description	Specify the product processor description.	
Authorization Status	Select the authorization status of the product processor. The available options are: • Authorized • Rejected • Unauthorized	
Record Status	Select the record status of the product processor. The available options are: • Open • Closed	

:::

Table 3-13 View Product Processor - Search - Field Description

- 5. Click **Search** to display the required product processor.
- 6. On View Product Processor screen, click View the created product processor.

icon to Unlock, Delete, Authorize or

7. Click **Unlock** to modify the created product processor.

The **Product Processor Maintenance - Modify** screen displays.

Figure 3-16 Product Processor Maintenance - Modify

Product Processor	Maintenance		::×
Basic Details			
Product Processor Code		Product Processor Description	
OFLO		OFLO	
Effective Date		Expiry Date	
September 1, 2020		May 6, 2025 🗰	
			Coursel

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

Table 3-14 Product Processor Maintenance - Modify - Field Description

Field	Description
Product Processor Code	Displays the product processor code.
Product Processor Description	Displays the product processor description. User can modify the same.
Effective Date	Displays the effective date of the created product processor. User can modify the same before authorization if it is future dated.



Table 3-14	(Cont.) Product Processor Maintenance	- Modify - Field Description
------------	---------------------------------------	------------------------------

Field	Description
Expiry Date	Displays the expiry date of the created product processor. User can modify the same.

- 8. Click Save to update the modified fields.
- 9. Click View to view the created product processor.

The Product Processor Maintenance - View screen displays.

Figure 3-17 Product Processor Maintenance - View

Product Processor Maintenance		::×
Basic Details		
Product Processor Code	Product Processor Description	
OFLO	OFLO	
Effective Date	Expiry Date	
September 1, 2020	May 6, 2025	
Audit		

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

Field	Description
Product Processor Code	Displays the product processor code.
Product Processor Description	Displays the product processor description.
Effective Date	Displays the effective date of the created product processor.
Expiry Date	Displays the expiry date of the created product processor.

ntenance - View - Field Description
i

3.7 Borrowing Capacity

This topic describes the information about the total amount the applicant is eligible to borrow.

Maximum loan amount are used for loans, credit cards, and line of credit accounts. The maximum credit amount depends on a number of factors including the borrower's credit worthiness, that is, financial profile and debt to income, loan term, loan purpose, whether the loan is supported by a collateral etc.

Using this screen, the user can link a rule for calculating borrowing capacity. The user can calculate the maximum lendable amount based on the various criteria of the lender such as debt to income ratio, credit score, credit history, etc.

A sample rule to calculate borrowing capacity is given below:

Scenario: Based on Income and FICO score



Rule 1:

IF MIN(FICO_SCORE) >= 500 AND MIN(EMPLOYMENT_PERIOD)< 1 YEAR

THEN MULTIPLIER = 5

ELSEIF MIN(FICO_SCORE) < 500 AND MIN(EMPLOYMENT_PERIOD) > 1 YEAR

THEN MULTIPLIER = 4

Rule2: Max Lendable Amount

MIN(Income) * Rule1

This topic contains the following subtopics:

- Create Borrowing Capacity
 This topic describes the systematic instructions to define the borrowing capacity based on
 the various input.
- View Borrowing Capacity This topic describes the systematic instructions to view the borrowing capacity.

3.7.1 Create Borrowing Capacity

This topic describes the systematic instructions to define the borrowing capacity based on the various input.

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

- 1. On Homescreen, click Core Maintenance, under Core Maintenance, click Credit Decision.
- 2. Under Credit Decision, click Maintenance, under Maintenance, click Borrowing Capacity, under Borrowing Capacity, click Create Borrowing Capacity.

The Create Borrowing Capacity screen displays.

Figure 3-18 Create Borrowing Capacity

Create Borrowing Capacity			::>
Basic Details			
Borrowing Capacity Code		Borrowing Capacity Description	
Required		Required	
Effective Date		Expiry Date	
September 30, 2020			
Product Processor		Required Execution Stage	
OFLO 🝷		Select 👻	
		Required	
Selection Criteria	Eligibility		
Use Existing Rule O Create New Rule			
Rules			
Rule Code	Rule Name		
Select			
			Cancel Save

3. On Create Borrowing Capacity screen, specify the fields.





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

Field	Description					
Borrowing Capacity Code	Specify the unique borrowing capacity code.					
Borrowing Capacity Description	Specify a short description for the borrowing capacity.					
Effective Date	Specify the effective date.					
Expiry Date	Specify the expiry date.					
Product Processor	Specify the product processor for which the borrowing capacity is being defined.					
Execution Stage	 Select the required option for execution stage from the drop-down list. The available options are: Before Decision: If this option is selected, amount is calculated before scoring model resolution. Loan amount is replaced with the minimum of requested loan amount and maximum lendable amount for scoring and pricing. After Decision: If this option is selected, Amount is calculated after decision and before pricing. Loan amount is replaced with the minimum of requested loan amount and maximum lendable amount for pricing. 					

Table 3-16 Create Borrowing Capacity - Field Description

4. On Create Borrowing Capacity screen, click Selection Criteria tab to define selection criteria rules.

The Create Borrowing Capacity - Selection Criteria screen displays.



k telsb me me me me me me me me me me	ate Borrowing Capacity			
<pre>sequency can be a part of a par</pre>	ic Details			
Norm Norm Norm Norm Norm Sector Crait Sector	nwing Capacity Code		Borrowing Capacity Description	
Note See Store Note Name Set Store Name	owing capacity cooc			
<pre>set of y a cont is in the set of y a co</pre>	Required		Required	
are were and and a set of a se	tive Date		Expiry Date	
Add Tensor Add Eachdon Stage Selection Citerel Elephiny Selection Citerel Elephiny Selection Citerel Advisor Selection Citerel Nature Selection Citerel Selection Citerel Selection Citerel Selection Citerel Selection Citerel Selection Citerel Selection Citerel Selection Citerel	otember 30, 2020 💼			
at hear in the second s			Required	
3 Interim memory Settion Cirrels ElpBiny settion Cirrels ElpBiny Plo22 APPL522 settion Interim memory	uct Processor		Execution Stage	
Section Cherein Eightily Section Cherein Bightily Concert New Nule Section Cherein Section Cherein Section C	LO 👻		Select	
setton Crieria Biphing setton Crieria Biphing Biphing Setton Crieria Biphing			Required	
soong Aule Create New Rule	Selection Criteria Eli	gibility		
s	xisting Rule O Create New Rule			
set of the left of				
Code Nake Name P502 APP502 adde: adde: Section1 Image: Section1 Section1 Section1 Section2 Section3 Section3 Section4 Section4 Section5 S	es			
PLS02 APPLS02 rev APPLS02 rev APPLS02 rev Basic Info Color Description Robert Processor Tag Robert Processor Tag Robert Processor Tag Robert Processor Tag Processor Tag Processor Tag Processor Tag Processor Tag Processor Tag	Tode	Rule Name		
ere lease le	PL502 - 0	APPL502		
Image: Section 1 Code Best into Code Best into Section 1 Epression Image: Section 1 Sec				
Alse Sea Carlos Sea Ca	ew			
Baic Info Code Personal Personal <td>iles</td> <td></td> <td></td> <td></td>	iles			
Col Description Reacted Reacted Reacted Reacted Section1 Erression F Columnt Section1 F Columnt Section1 Erression F Columnt Section1 Erression F Columnt Section1 Erression F Columnt Section1 Erression Erression Columnt Columnt Section1 Erression Columnt	✓ Basic Info			
Lot Decryptor Product Macessor Image Product Macessor Reserved Reserved Reserved Reserved Reserved Section1 Image F Output Section1 Ese Image Section1 Image Section1 Section1 Section1 Section2 Section3 Section3 Section3 Section4 Section4 Section4 Section5 Section5 Section5 Section5 Section5 Section5 Section6 Section6 Section6 Section7 Section7 Section7 Section8 Section8 Section9 Secti				
Selection1 For control Section1 Event For control For control </td <td>Code</td> <td>Description</td> <td>Product Processor</td> <td>lag</td>	Code	Description	Product Processor	lag
Selec Existing rule Rule Version Rule Version C C C	Required			Revoluted
Section1 Fr Output Section1 Expression Section1 Section1	Select Existing rule	Rule Version		
> Section1 Ese Image: Bigs Image: Bigs No items to display. Ese Image: Bigs Image: Bigs <t< td=""><td>Q</td><td></td><td>٩</td><td></td></t<>	Q		٩	
Else File No terns to display. File Section 1 Else Section 2 Section 2 Else Section 2 Secti	> Section1			
Lise Image: State Sta	Elco			
Image: Constant of the second sec	cise			
Image: Section 1 Expression If Output Section 1 Else				
No items to display. Expression	+ =			
Expression	No items to display.			
Expression F Output Ese Corr				
Expression IF Output Section1 Else	Francisco			
IF Output Section1 Else	expression			
V" Output Section1 Else Swee				
Superior Section 1 Else Section 1 Else Section 1 Else Else Else Else Else Else Else Else	IF			
See See	Output			
Sne	Else			
Sne				
	Save			

Figure 3-19 Create Borrowing Capacity - Selection Criteria

Table 3-17	Create Borrowing Capacity	/ - Selection Criteria	 Field Description
------------	---------------------------	------------------------	---------------------------------------

Field	Description
Use Existing Rule	By default, this option is enabled. Indicates if the existing rule is linked.
Rule Code	Select the rule code from the drop down list.
0	Click this icon to get the information about the rule.
Rule Name	Displays the rule name for the selected rule code.
New	Select this option to create new rule.
Code	Specify the rule code.
Description	Specify the rule description.
+ icon	Click this icon to add new expression.



Field	Description					
Fact / Rules	Select the fact or rule from the drop-down list. Once the user selects the fact/rules, one more field opens adjacent to the output, update the same based on the selected output option.					
Operator	Select the comparison operator from the drop-down list. The available options are: > + = % != >= >= <= * / Contains In Matches NotMatches NotContains NotContains NotContains 					
Data Type	Select the data type for the fact or rule. Once the user select the data type, one more field opens adjacent to the output, update the same based on the selected output option. The available options are: • Text • Number • Boolean • Date • Fact • Rules The below option appears if the Data Type is selected as Boolean. • True • False					
Output	Select the output from the drop-down list. Once the user select the data type, one more field opens adjacent to the output, update the same based on the selected output option. The available options are: • Text • Number • Boolean • Date • Fact • Rules The below option appears if the Data Type is selected as Boolean. • True • False					
Expression	Displays the expression updated in the expression builder.					

Table 3-17 (Cont.) Create Borrowing Capacity - Selection Criteria - FieldDescription



5. On Create Borrowing Capacity screen, click the Eligibility to define eligibility.

The Create Borrowing Capacity - Eligibility screen displays.

Create B	orrowing Capacity	;
Basic Deta	ils	
Borrowing Ca	pacity Code	Borrowing Capacity Description
Effective Date	Required	Required Expiry Date
September	30, 2020	曲
Product Proce	sesor	Required
Select	-	Execution Stage
	Required	Required
Sele	ction Criteria Eligibility	
ictions	Fact ID	Rule ID
	Select	▼ Select
		▼ Select
2	Select	
с С	Select	

Figure 3-20 Create Borrowing Capacity - Eligibility

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

Table 3-18 Create Borr	owing Capacity - Eligibility	- Field Description
------------------------	------------------------------	---------------------

Field	Description
+ icon	Click this icon to add a new row.
- icon	Click this icon to delete a row, which is already added.
Actions	Select this check box corresponding to the row to be deleted.
Fact ID	Select the fact ID from the drop-down list.
Rule ID	Select the rule ID from the drop-down list.
0	Click this icon to get the information about the rule.

6. Click Save to save the details.

The **Borrowing Capacity** is successfully created and can be viewed using the View Borrowing Capacity screen.

3.7.2 View Borrowing Capacity

This topic describes the systematic instructions to view the borrowing capacity.

The user can configure the borrowing capacity using the Create Borrowing Capacity screen. The status of the created capacity is displayed as **Unauthorized** and **Open**. Once the checker authorizes the capacity, the status is updated to **Authorized** and **Open**.

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

1. On Homescreen, click Core Maintenance, under Core Maintenance, click Credit Decision.



2. Under Credit Decision, click Maintenance, under Maintenance, click Borrowing Capacity, under Borrowing Capacity, click View Borrowing Capacity.

The View Borrowing Capacity screen displays.

+ 0											E
orrowing Capacity Code: BRC502	: Borrow	ng Capacity Code: RTEST2	:	Borrowing Capacity BORCAP001	Code:	:	Borrowing Capacity Code: borr0101	:	Borrowing Capacity Code: RTEST1	:	
orrowing BRC502 roduct OFLO	Borrow Produ	ing AFTERTEST2	Desc	Borrowing E Product	BORCAP001 DFLO		Borrowing borr0101 Product OFLO		Borrowing RTEST1 Product OFLO		
Authorized 🔓 Open	21 D Au	horized 🔓 Open	21	C Authorized	🔓 Open	2 1	🗅 Unauthorized 🛛 🔓 Open	企1	🗅 Unauthorized 🛛 🔓 Open	1	

Figure 3-21 View Borrowing Capacity

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

Table 3-19	View Borrowing	Capacity -	Field Description
------------	----------------	------------	--------------------------

Field	Description
Borrowing Capacity Code	Displays the borrowing capacity code.
Borrowing Capacity Description	Displays the borrowing capacity description.
Product Processor	Displays the product processor.
Authorization Status	Displays the authorization status of the record. The options are: • Authorized • Rejected • Unauthorized
Record Status	Displays the status of the record. The options are: • Open • Closed
Modification Number	Displays the number of modification performed on the record.

3. On View Borrowing Capacity screen, click



icon.

The View Borrowing Capacity - Search screen displays.

Search Filter	×
Borrowing Capacity Code]
Borrowing Capacity Description	
Authorization Status	
Record Status	
Search Reset	

Figure 3-22 View Borrowing Capacity - Search

4. On **View Borrowing Capacity - Search** screen, specify the **Search Filter** to fetch the required borrowing capacity.

 Table 3-20
 View Borrowing Capacity - Search – Field Description

Field	Description
Borrowing Capacity Code	Specify the borrowing capacity code.
Borrowing Capacity Description	Specify the borrowing capacity description.
Authorization Status	Select the authorization status from the drop-down list. The available options are: • Authorized • Rejected • Unauthorized
Record Status	Select the record status from the drop-down list. The available options are: • Open • Closed
Modification Number	Displays the number of modification performed on the record.

- 5. Click Search to display to required borrowing capacity.
- 6. On View Borrowing Capacity screen, click

:

٠

icon to Unlock, Delete, Authorize or View the created borrowing capacity.

7. Click **Unlock** to modify the borrowing capacity.

The Borrowing Capacity Maintenance - Modify screen displays.

Figure 3-23 Borrowing Capacity Maintenance - Modify

orrowing Capacity Maintenance			1111/2-21/1-SNNNN1111/2-21/1-SNNNN1111/2-21/1-SNNNN1111/2
Basic Details			
Borrowing Canarity Code		Borrowing Canacity Description	
BRC502		BRC502	
BRC502		5 - Di	
Effective Date		Expiry Date	
September 9, 2020		July 31, 2025	
Product Processor		Execution Stage	
OFLO 👻		Before Decision	
Selection Criteria	Flightlity		
e Existing Rule O Create New Rule	Englowey		
ules	Dule Name		
	Rue Name		
BRC502	BRC502		
Edit			
Rules			
✓ Basic Info			
Code	Description	Tag	Select Existing rule
		· · · · · · · · · · · · · · · · · · ·	Q
Rule Version			
2	Q		
> Section1			
Else			
+ =			
No items to display.			
Expression			
((LoanTenure > 36) %% (mar	ketValue < 800000 \)		
Output	Retvalue < 000000))		
Section1 True			
LISE			



Field	Description
Borrowing Capacity Code	Displays the model code for the created borrowing capacity.
Borrowing Capacity Description	The user can modify the model description for the created borrowing capacity.
Effective Date	The user can modify effective date for the borrowing capacity.
Expiry Date	The user can modify date of the created borrowing capacity.
Product Processor	Displays the product processor for the borrowing capacity.
Execution Stage	Displays execution stage for the borrowing capacity.
Use Existing Rule	Indicates if the existing rule is linked.
Rule Code	The user can modify the rule code for the created borrowing capacity.
0	Click this icon to get the information about the rule.
Rule Name	Displays the rule name of the rule code for the created borrowing capacity.
Create New Rule	The user can modify the rule code for the created borrowing capacity.
Code	Specify the new rule code for borrowing capacity.
Description	Specify the rule description for the borrowing capacity.
Fact / Rules	Displays the fact or rule for the created borrowing capacity.
Operator	Displays the comparison operator for the created borrowing capacity.
Data Type	Displays the data type for the fact or rule for the created borrowing capacity.
Output	Displays the output for the created borrowing capacity.
Expression	Displays the expression updated in the expression builder for the created borrowing capacity.
Fact ID	The user can modify the fact ID of the created borrowing capacity.
Rule ID	The user can modify the rule ID of the created borrowing capacity.
0	Click this icon to get the information about the rule.

Table 3-21 Borrowing Capacity Maintenance - Modify - Field Description

- 8. Click **Save** to update the modified fields.
- 9. Click View to view the borrowing capacity.

The Borrowing Capacity Maintenance – View screen displays.

seb zele i i i i i i i i i i i i i i i i i i	rrowing Capacity Mainten	ance			
Air of Careford Binately Careford Protocols RS22 Section Careford Section Careford Binately Careford Protocols	pric Dotaile				
emeng Laperdy Designer GSQ = GSQ =	In Details				
xxxy	rrowing Capacity Code		Borrowing Capacity Description		
texts due Extry due personer 9, 200 July 300 text due	RC502		BRC502		
specified 7,000 Impair 0.05 Region Between Region Selection Chemic Begbelliy Selection Chemic Selection Chemic	ective Date		Expiry Date		
Bedra Bace Bedra Bace Selection Citerals BigBeBilly Selection Citerals Selection Citerals	ptember 9, 2020		July 31, 2025		
Stetco Cross Bige Bits Stetco Cross Bige Bits Stetco Cross Bige Bits Stetco Cross BicSo2 BicSo2 BicSo2 BicSo2 BicSo2 Stetco Cross Stetco Cross Stetco Cro	oduct Processor		Execution Stage		
Selection Others Dig delay Exclores Num Since Source Sou	LO		Before Decision		
Create Here Rule lef lef Rode Rode </td <td>Selection Criteria</td> <td>Fileibility</td> <td></td> <td></td> <td></td>	Selection Criteria	Fileibility			
Les Rds Name RSS02 ® RSS02 Tel RES Sectoral Resource	Existing Rule O Create New Rule				
lete texte me ReSc2: ■ BK 552 Exter Rules					
ice code Ride Name INCGO2 Image: Code BRC502 Ext: Image: Code Code Select Extens role Image: Code Description Tag Select Extens role Image: Code	les				
BacSd2 Image: BacSd2 Edit Edit BacSd2 Image: BacSd2	e Code	Rule Name			
Ett Rele: Code Decorption Teg Selet Easting role @RC502 Per 502 Pe	RC502	BRC502			
Rules Code Description Tag Select Existing rule BRC502 BRC502 Image: Code Image: Code Table Version Image: Code Image: Code Image: Code 2 Image: Code Image: Code Image: Code Image: Code 5 Section1 Image: Code Image: Code Image: Code Image: Code Image: Code	Edit				
 ✓ Bask Info Code Descryption Rec1002 Rec1002 Rec1002 Rec1002 Code Code<td>Rules</td><td></td><td></td><td></td><td></td>	Rules				
Code Description Tig Select Existing rule BRC502 Image: Code Image: Code </td <td>✓ Basic Info</td> <td></td> <td></td> <td></td> <td></td>	✓ Basic Info				
BRC502 BRC502 Rdé Version Q 2 Q J Section1 C Else C Image: Section 1 C Else C Image: Section 1 C Else C Image: Section 1 C Image: Section 2 C Image: Section 1 C	Code	Description	Тар		Select Existing rule
Rule Weston 2 ▲ 5 Section1 Else ▲ ● </td <td></td> <td></td> <td></td> <td>-</td> <td>9</td>				-	9
> Section1 Else Image: Section 1 Expression If ((canTenure > 36) &&& (marketValue < 80000))	Rule Version				
> Section1 Else ((canTenure > 36) &&& (marketValue < 800000)) Section1 True Else	2	Q			
Else Else ((LanTenure > 36) &&& (marketValue < 800000)) ((LanTenure > 36) &&& (marketValue < 800000)) (Lantenure > 36) &&& (marketValue < 80000)) (Lantenure > 36) &&& (marketValue < 80000) (Lantenure > 36) &&& (marketV) Section1				
Else Else	> Section1				
It is a second seco	Else				
Image: Second system If ((LoanTenure > 36) &&& (marketValue < 800000))					
No items to display: Expression ((LoanTenure > 36) && (marketValue < 800000)) Output Section1 True Else	+ =				
Expression ((LoanTenure > 36) &&& (marketValue < 800000)) Output Section1 True Else	No items to display.				
Expression					
الا ((LoanTenure > 36) && (marketValue < 800000)) Output Section1 True Else	Expression				
IF ((LoanTenure > 36) && (marketValue < 800000)) Output Section1 True Else					
((LoanTenure > 36) &&& (marketValue < 800000)) Output Section1 True Else	IF				
Section True Else	((LoanTenure > 36) &&	(marketValue < 800000))			
Else	Output				
	Section1 True				
	Section1 True Else				

Figure 3-24 Borrowing Capacity Maintenance – View

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

Table 3-22 Borrowing Capacity Maintenance - View - Field Description

Field	Description
Borrowing Capacity Code	Displays the model code for the created borrowing capacity.
Borrowing Capacity Description	Displays the model description for the created borrowing capacity.
Effective Date	Displays effective date for the borrowing capacity.
Expiry Date	Displays date of the created borrowing capacity.
Product Processor	Displays the product processor for the borrowing capacity.
Execution Stage	Displays execution stage for the borrowing capacity.
Use Existing Rule	Indicates if the existing rule is linked.
Rule Code	Displays the rule code for the created borrowing capacity.
0	Click this icon to get the information about the rule.

Field	Description
Rule Name	Displays the rule name of the rule code for the created borrowing capacity.
Create New Rule	Displays the rule code for the created borrowing capacity.
Code	Displays the rule code for borrowing capacity.
Description	Displays the rule description for the borrowing capacity.
Fact / Rules	Displays the fact or rule for the created borrowing capacity.
Operator	Displays the comparison operator for the created borrowing capacity.
Data Type	Displays the data type for the fact or rule for the created borrowing capacity.
Output	Displays the output for the created borrowing capacity.
Expression	Displays the expression updated in the expression builder for the created borrowing capacity.
Fact ID	Displays the fact ID of the created borrowing capacity.
Rule ID	Displays the rule ID of the created borrowing capacity.
0	Click this icon to get the information about the rule.

Table 3-22 (Cont.) Borrowing Capacity Maintenance - View - Field Description

3.8 Strategy Configuration

This topic describes the information about the strategy configuration.

Decision service is used for multiple purposes such as borrowing capacity, borrowing capacity plus pricing, only pricing, only decision, logical plus decision etc. System should have an ability to configure the strategy like when the decision service is being called for borrowing capacity, should the request pass through the logical check. In addition, the product processor can configure different strategies for different product types or customer types. Strategy configuration allows the product processor to configure the strategy can be defined for origination, servicing or collection. In addition, multiple strategy can be defined for the same module like for origination i.e. multiple strategy according to its need for all the modes for which the decision service can be called for all the modes for which the strategy according to its need for all the modes for which the decision service can be called for all the modes for which the strategy according to its need for all the modes for which the decision service can be called for all the modes for which the strategy according to its need for all the modes for which the decision service can be called for.

This topic contains the following subtopics:

Create Strategy Configuration

This topic describes the systematic instructions to create strategy configuration as per the requirement.

 View Strategy Configuration This topic describes the systematic instructions to view the list of strategy configuration.



3.8.1 Create Strategy Configuration

This topic describes the systematic instructions to create strategy configuration as per the requirement.

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

- 1. On Homescreen, click Core Maintenance, under Core Maintenance, click Credit Decision.
- 2. Under Credit Decision, click Maintenance, under Maintenance, click Strategy Configuration, under Strategy Configuration, click Create Strategy Configuration.

The Create Strategy Configuration screen displays.

Figure 3-25	Create Strat	tegy Configuration
-------------	--------------	--------------------

Create Strategy Configuration		17
Basic Details		
Strategy Code	Strategy Code Description	
Select		
Required		
Product Processor	Product Processor Description	
Required		
Industry	Line of Business	
Select 👻	Select	
Required	Required	
Required	Required	
Effective Date	Expiny Date	
September 30, 2020		
	Required	
+ -		
П Туре	Value	
Select	▼ Select	-
Select	▼ Select	-
des elect the Modes to configure as per requirement Borrowing Canacity Decision & Grade Pricing Dualitat	Ive Score Ouunitative Score Score Score & Decision Score, Decision & Pricing	
re-		
te manuatory steps are by default checked and disabled. The ophonal steps a	ne enauleo ano unkineckieo. The user can dedule milici steps need to be configured for a mode.	
		Cancel S

3. On Create Strategy Configuration screen, specify the fields.



Field	Description
Strategy Code	Specify the unique strategy code.
Strategy Code Description	Specify the short description for the strategy code.
Product Processor	Specify the product processor for which the strategy is being configured.
Product Processor Description	Displays the product processor description.
Industry	 Select the industry type from the drop-down list . The values are configurable based on the lookup values maintained. The available options are: Banking Industry Insurance Trade Finance
Line Of Business	Select the line of business type from the drop-down list . The values are configurable based on the lookup values maintained. The available options are: Corporate Retail SMEnt
Account Category	Indicates whether the strategy created is for asset or Liabilities.
Module	Select the module from the drop-down list . The values are configurable based on the lookup values maintained. The available options are: • Collection • Origination • Servicing
Effective Date	Specify the effective date.
Expiry Date	Specify the expiry date.
+ button	Click to add a new facts.
- button	Click to delete a row that is already added.
Туре	Select the fact type from the drop-down list.
Value	Select the value configured for the fact type from the drop-down list. The values are configurable based on the lookup values maintained.

Table 3-23 Create Strategy Configuration - Field Description



Field	Description
Modes	Select the modes from the drop-down list. The available options are:
	Borrowing Capacity
	decision & Grade
	Pricing
	Qualitative Score
	Quantitative Score
	Score
	Score and Decision
	Score, Decision & Pricing
	If the Module is selected as Collection , then below options are available. • Decision & Grade
	Qualitative Score
	Quantitative Score
	Score
	Score and Decision
Steps	Steps are defined based on the modes selected. Example:
	If Borrowing Capacity mode is selected, the check box for borrowing capacity is by default selected and disabled. You can select the other steps.

Table 3-23 (Cont.) Create Strategy Configuration - Field Description

4. Click Save to save the details.

The **Strategy Configuration** is successfully created and can be viewed using the View Strategy Configuration screen.

3.8.2 View Strategy Configuration

This topic describes the systematic instructions to view the list of strategy configuration.

The user can create the strategy configuration using the Create Strategy Configuration screen. The status of the created strategy configuration is displayed as **Unauthorized** and **Open**. Once the checker authorizes the strategy configuration, the status is updated to **Authorized** and **Open**.

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

- **1.** On Homescreen, click Core Maintenance, under Core Maintenance, click Credit Decision.
- 2. Under Credit Decision, click Maintenance, under Maintenance, click Strategy Configuration, under Strategy Configuration, click View Strategy Configuration.

The View Strategy Configuration screen displays.

 View Strategy Configuration
 :: ×

 Q + Q
 Image: Code:

 Strategy: Code:
 Strategy: Code:

 OFLO1000
 ::

 Strategy:
 OFLO1000

 Product:
 OFLO1001

 Dumber/code:
 OFLO001

 Product:
 OFLO001

Figure 3-26 View Strategy Configuration



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

Field	Description
Strategy Code	Displays the strategy code.
Strategy Description	Displays the description of the strategy.
Product Processor	Displays the product processor of the strategy.
Authorization Status	Displays the authorization status of the record. The options are: • Authorized • Rejected • Unauthorized
Record Status	Displays the status of the record. The options are: • Open • Closed
Modification Number	Displays the number of modification performed on the record.

Table 3-24 View Strategy Configuration - Field Description

3. On View Strategy Configuration screen, click

Q

icon.

The View Strategy Configuration - Search screen displays.



Search Filter	×
Strategy Code	
Strategy Description	
Authorization Status	•
Record Status	•
Search Reset	

Figure 3-27 View Strategy Configuration - Search

4. On View Strategy Configuration - Search screen, specify the Search Filter to fetch the required strategy configuration.

Table 3-25	View Strategy Configuration -	 Search – Field Description 	on
------------	-------------------------------	--	----

Field	Description
Strategy Code	Specify the strategy code.
Strategy Description	Specify the description of the strategy.
Authorization Status	Select the authorization status from the drop-down list. The available options are: • Authorized • Rejected • Unauthorized
Record Status	Select the record status from the drop-down list. The available options are: • Open • Closed

- 5. Click **Search** to display the required strategy configuration.
- 6. On View Strategy Configuration screen, Click
 - :
 - .



icon, to Unlock, Delete, Authorize or View the created strategy configuration.

7. Click **Unlock** to modify the created strategy configuration.

The Strategy Configuration Maintenance - Modify screen displays.

trategy Configuration Maintenance	
Basic Details	
trategy Code	Strategy Code Description
OFLO035 -	OFL0035
roduct Processor	Product Processor Description
OFLO 👻	OFLOSS
ndustry	Line of Business
Banking	Retail
ccount Category	Module
Asset O Liability	Origination
ffective Date	Expiry Date
September 30, 2020	December 12, 2023
П Туре	Value
Туре	Value
Line of Business	•
des	
elect the Modes to configure as per requirement	
Borrowing Capacity 🛛 Decision & Grade 🗳 Pricing 🗳 Qual	itative Score 🖉 Quantitative Score 🖉 Score & Decision 🗳 Score, Decision & Pricing
os	
te	
	ps are enabled and unchecked. The user can decide which steps need to be configured for a mode.
e mandatory steps are by default checked and disabled. The optional ste	
e mandatory steps are by default checked and disabled. The optional ste	

Figure 3-28 Strategy Configuration Maintenance - Modify

Field	Description
Strategy Code	Displays the created strategy code.
Strategy Code Description	Displays the created strategy code description.
Product Processor	Displays the product processor for the created strategy configuration.
Product Processor Description	Displays the product processor description for the created strategy configuration.
Account Category	Displays the account category for the created strategy configuration.
Module	Displays the module for the created strategy configuration.
Effective Date	Displays the effective date for the created strategy configuration.
Expiry Date	Select the expiry date for the created strategy configuration.
Туре	Displays the fact type for the created strategy configuration.
Value	Displays the fact value for the created strategy configuration.
Steps	Specify the steps defined for the created strategy configuration.



- 8. Click **Save** to update the modified fields.
- 9. Click **View** to view the created strategy configuration.

The Strategy Configuration Maintenance - View screen displays.

	onfiguration Maintenance		;
Basic Details			
Strategy Code		Strategy Code Description	
OFLO035		OFLO035	
Product Processor		Product Processor Description	
OFLO		OFLOSS	
Industry		Line of Business	
Banking		Retail	
Account Category		Module	
MSSEL		Origination	
Effective Date		Expiry Date	
	nation		
	Туре		Value
	Type Line of Business		Value

Figure 3-29 Strategy Configuration Maintenance - View

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

Table 3-27 Strategy Configuration Maintenance - View - Field Description

Field	Description
Strategy Code	Displays the created strategy code.
Strategy Code Description	Displays the created strategy code description.
Product Processor	Displays the product processor for the created strategy configuration.
Product Processor Description	Displays the product processor description for the created strategy configuration.
Account Category	Displays the account category for the created strategy configuration.
Module	Displays the module for the created strategy configuration.
Effective Date	Displays the effective date for the created strategy configuration.
Expiry Date	Displays the expiry date for the created strategy configuration.
Туре	Displays the fact type for the created strategy configuration.
Value	Displays the fact value for the created strategy configuration.
Steps	Displays the steps defined for the created strategy configuration.



3.9 Scoring Feature

This topic describes the information about the scoring feature in Decision service.

Lending institution have complex credit scoring models. The model uses the information contained in an application such as salary, credit commitments, and past loan performances to determine a credit score of an application or an existing customer. The model generates a score and based on that score, system takes the decision like approve, referred or to reject the application. To achieve these, in the decision service, you need to define maintenances of scoring feature. A feature can be either fact based or rule based. The features created in this maintenance can be linked in quantitative score model and decision grade matrix screen.

This topic contains the following subtopics:

- Create Scoring Feature
 This topic describes the systematic instructions to configure the scoring feature for
 determining the credit score.
- View Scoring Feature This topic describes the systematic instructions to view the list of scoring feature.

3.9.1 Create Scoring Feature

This topic describes the systematic instructions to configure the scoring feature for determining the credit score.

This score applies to applications during origination and based on the information received from the product processor.

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

- 1. On Homescreen, click Core Maintenance, under Core Maintenance, click Credit Decision.
- 2. Under Credit Decision, click Maintenance, under Maintenance, click Scoring Feature, under Scoring Feature, click Create Scoring Feature.

The Create Scoring Feature screen displays.

Figure 3-30 Create Scoring Feature

Create Scoring Feature		;; ×
Basic Details		
Feature Code	Feature Description	
Product Processor	Rule	
Select	O Yes (No	
Fact Code	Fact Name	
Select Required		

3. On Create Scoring Feature screen, specify the fields.





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

Field	Description
Feature Code	Specify the unique feature code.
Feature Description	Specify a short description for the feature.
Product Processor	Specify the product processor for which the feature is being created.
Rule	 Select the rule, if it is required to define the feature. This option is used to decide whether the feature is rule based or fact based. The available options are: Yes No
Fact Code	Select the fact code to be mapped to the feature from the drop-down list. This field is enabled if the Rule is selected as No .
Fact Name	Specify the fact name of the feature. This field is enabled if the Rule is selected as No .
Rule Code	Select the rule code to be mapped to the feature from the drop-down list. This field is enabled if the Rule is selected as Yes .
0	Click this icon to get the information about the rule.
Rule Name	Specify the rule name for the selected rule. This field is enabled if the Rule is selected as Yes .

 Table 3-28
 Create Scoring Feature - Field Description

4. Click **Save** to save the details.

The **Scoring Feature** is successfully created and can be viewed using the View Scoring Feature screen.

3.9.2 View Scoring Feature

This topic describes the systematic instructions to view the list of scoring feature.

The user can configure the scoring feature using the Create Scoring Feature screen. The status of the created scoring feature is displayed as **Unauthorized** and **Open**. Once the checker authorizes the model, the status is updated to **Authorized** and **Open**.

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

- 1. On Homescreen, click Core Maintenance under Core Maintenance, click Credit Decision.
- 2. Under Credit Decision, click Maintenance, under Maintenance, click Scoring Feature, under Scoring Feature, click View Scoring Feature.

The View Scoring Feature screen displays.

Figure 3-31 View Scoring Feature

0					1 H
Feature Code: FACT220221205131288	Feature Code: FACT320221205131288	Feature Code: FACT20221205131288	Feature Code: RULE20221205131288	Feature Code: QFR20230106140143	Feature Code: QFF20221214141237
Feature Scoring Feature 2 for Product CMC	Feature Scoring Feature 3 for Product CMC	Feature Scoring Feature Fact Product CMC	Feature Scoring Feature Rule Product CMC	Feature Modification for Rule Product OFLO	Feature Scoring Feature Fact Product OFLO
D Authorized	Closed 22	Authorized	Closed 22	🗅 Authorized 🔓 Open 🖾 4	D Authorized 🔓 Open 🖾 4
Feature Code: QFR20221214141285	Feature Code: FACT220230110100102	Feature Code: FACT320230110100102	Feature Code: FACT20230110100102		
Feature Modification for Rule Product OFLO	Feature Scoring Feature 2 for Product CMC	Feature Scoring Feature 3 for Product CMC	Feature Scoring Feature Fact Product CMC		
D Authorized 🔒 Open 🔯 4	D Authorized A Closed 2 2	Authorized Aclosed 2 2	D Authorized A Closed 2 2		

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

Table 3-29 View Scoring Feature – Field Description

Field	Description	
Feature Code	Displays the feature code.	
Feature Description	Displays the description of the feature.	
Product Processor	Displays the product processor for which the feature is created.	
Authorization Status	Displays the authorization status of the record. The options are: • Authorized • Rejected • Unauthorized	
Record Status	Displays the status of the record. The options are: • Open • Closed	
Modification Number	Displays the number of modification performed on the record.	

3. On View Scoring Feature screen, Click



icon.

The View Scoring Feature - Search screen displays.



Figure 3-32 View Scoring Feature - Search	
Search Filter	×
Feature Code	
Feature Description	
Authorization Status	1
•	
Record Status	1
•	
Search Reset	

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

Table 3-30 View Scoring Feature - Search – Field Description

Field	Description
Feature Code	Specify the feature code.
Feature Description	Specify the feature description.
Authorization Status	 Select the authorization status from the drop-down list. The available options are: Authorized Rejected Unauthorized
Record Status	Select the record status from the drop-down list. The available options are: • Open • Closed

4. Click **Search** to display the required scoring feature.

- 5. On View Scoring Feature screen, click
 - ٠
 - ٠
 - ٠



icon to Unlock, Delete, Authorize or View the created scoring feature.

6. Click **Unlock** to modify the created scoring feature..

The Scoring Feature Maintenance - Modify screen displays.

Figure 3-33 Scoring Feature Maintenance - Modify

Scoring Feature Maintenance		t x
Basic Details		
Feature Code	Feature Description	
TEST21	TEST21	
Product Processor	Rule	
OFLO *	Yes No	
Rule Code	Rule Name	
Nest1 - 0	Nest1	
Audit		Cancel Save

Note: The fields marked as Required are mandatory.

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

Field	Description
Feature Code	Displays the feature code.
Feature Description	The user can modify the feature description.
Product Processor	Displays the product processor for the created scoring feature.
Rule	The user can modify the rule defined to the feature.
Rule Code	The user can modify the rule code of the feature. This field is displayed, if the Rule is selected as Yes .
0	Click this icon to get the information about the rule.
Rule Name	Displays the rule name of the feature. This field is displayed, if the Rule is selected as Yes .
Fact Code	The user can modify the fact code of the feature. This field is displayed, if the Rule is selected as No .
Fact Name	Displays the fact name of the feature. This field is displayed, if the Rule is selected as No .

Table 3-31 Scoring Feature Maintenance - Modify - Field Description

7. Click Save to update the modified fields.

3.10 Quantitative Scoring Model

This topic describes the information about the Quantitative scoring model for the Decision service.

Quantitative analysis involves, an assessment of the financial position based on the customer's income and monthly expenses. It may also include a cash flow analysis of the customer's accounts and credit history.

Banks usually grant loan based on a credit scoring model that combines quantitative and qualitative analysis.

This topic contains the following subtopics:

- Create Quantitative Scoring Model This topic describes the systematic instructions to configure the quantitative scoring model based on the various scoring parameters.
- View Quantitative Scoring Model This topic describes the systematic instructions to view the list of configured quantitative scoring model.

3.10.1 Create Quantitative Scoring Model

This topic describes the systematic instructions to configure the quantitative scoring model based on the various scoring parameters.

The parameters driving the scoring models are configurable. The user can create quantitative scoring model by updating various details.

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

- 1. On Homescreen, click Core Maintenance, under Core Maintenance, click Credit Decision.
- Under Credit Decision, click Maintenance, under Maintenance, click Quantitative Scoring Model, under Quantitative Scoring Model, click Create Quantitative Scoring Model.

The Create Quantitative Scoring Model screen displays.

Figure 3-34 Create Quantitative Scoring Model

Create Quantitative Scoring Model		;:×
Basic Details		
Scoring Model		
Select		
Required		
Scoring Model Code	Scoring Model Description	
Required	Required	
Effective Date	Expiry Date	
September 30, 2020	Time Required	
Product Processor	Priority	
Select		
Required	Required	
		Cancel Sum

3. On Create Quantitative Scoring Model screen, specify the fields.



Note:

The fields marked as **Required** are mandatory.

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

Table 3-32 Create Quantitative Scoring Model - Field Description

Field	Description
Scoring Model	Select the scoring model from the drop-sown list. The available options are: • Application Scoring Model • Applicant Scoring Model • Multi-Applicant Scoring Model
Scoring Model Code	Specify the unique scoring model code.
Scoring Model Description	Specify a short description for the scoring model.
Effective Date	Specify the effective date.
Expiry Date	Specify the expiry date.
Product Processor	Specify the product processor for which the model is being created.
Priority	Specify the priority of the model.

4. Click the **Selection Criteria** to define quantitative scoring model.

The Create Quantitative Scoring Model - Selection Criteria screen displays.

ate Quantitative Scoring Model			
sic Details			
ing Model			
pplication Scoring Model 🔹			
ing Model Code	Scoring Mode	el Description	
Required		Required	
ntermber 70, 2020	Expiry Date		
prember 50, 2020		Required	
Juct Processor	Priority		
FLO 👻			
		Required	
Selection Criteria Scoring Rule			
ler Rule			
ules			
✓ Basic Info			
Code	Description	Tag	Select Existing rule
			Q
Required			
> Section1			
Fice			
L130			
+ =			
No items to display.			
No items to display.			
No items to display.			
No items to display.			
Repression			
Ko items to display. Expression			
Repression F Output Section1			
No items to display. Expression IF Output Section 1 Else			
No items to display. Expression IF Output Section1 Else			

Figure 3-35 Create Quantitative Scoring Model - Selection Criteria

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

Table 3-33Create Quantitative Scoring Model - Selection Criteria - FieldDescription

Field	Description	
Use Existing Rule	By default, this option is enabled. Indicates if the existing rule is linked.	
Rule Code	Select the rule code from the drop down list.	
0	Click this icon to get the information about the existing rule.	
Rule Name	Displays the rule name of the selected rule code.	
Create New Rule	Select this option to create new rule.	
Code	Specify the rule code.	
Description	Specify the rule description.	
+ icon	Click this icon to add new expression.	



Field	Description
Fact / Rules	Select the fact or rule from the drop-down list. Once the user selects the fact/rules, one more field opens adjacent to the output, update the same based on the selected output option.
Operator	Select the comparison operator from the drop-down list. The available options are: < > + = % != - >= <= * / Contains In Matches NotMatches NotContains NotContains Notin
Data Type	 Select the data type for the fact or rule. Once the user select the data type, one more field opens adjacent to the output, update the same based on the selected output option. The available options are: Text Number Boolean Date Fact Rules The below option appears if the Data Type is selected as Boolean. True False
Output	 Select the output from the drop-down list. Once the user select the data type, one more field opens adjacent to the output, update the same based on the selected output option. The available options are: Text Number Boolean Date Fact Rules The below option appears if the Data Type is selected as Boolean. True False
Expression	Displays the expression updated in the expression builder.

Table 3-33(Cont.) Create Quantitative Scoring Model - Selection Criteria - FieldDescription


5. Click the **Scoring Rule** to define the rules. This tab is enabled if **Application Scoring Model** is selected.

The Create Quantitative Scoring Model - Scoring Rule screen displays.

Create Quantitative Scoring Model			::>
Scoring Model Code		Scoring Model Description	
Effective Date		Expiry Date	
September 30, 2020		Fieu/red	
Product Processor		Priority	
OFLO •		Required	
Selection Criteria Sci	oring Rule		
core			
Rule Code	Rule Name		
NetIncome 🗸 🕤	NetIncome		
			Cancel

Figure 3-36 Create Quantitative Scoring Model - Scoring Rule

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

Table 3-34	Create Quantitative	Scoring Model - S	Scoring Rule - Field	Description
------------	---------------------	-------------------	----------------------	-------------

Field	Description
Rule Code	Select the rule code from the drop-down list.
0	Click this icon to get the information about the rule.
Rule Name	Displays the rule name of the rule code.

6. Click the Feature tab to define the feature. This tab is enabled if Applicant Scoring Model and Multiple Applicant Scoring Model is selected.

The Create Quantitative Scoring Model - Feature screen displays.

reate Quantitative Scon	ing Model					۳ //////////
Basic Details						
coring Model						
Multi-Applicant Scoring Model	-					
icoring Model Code		Scoring Model Description				
Requir	red	E sela Data	Required			
Sentember 30, 2020	1	Expiry Date	t i i i i i i i i i i i i i i i i i i i			
September 50, 2020	-		Required			
roduct Processor		Priority				
Select	•					
Select Require	red		Required			
Select •	red		Required			
Select Requir Selection Criteria	Feature		Required			
Select • • • • • • • • • • • • • • • • • • •	Feature		Required			
Select • • • Percur Requir Selection Criteria • • • •	Feature		Required			
Select Requir Requir Selection Criteria ring Feature Feature Feature Feature	Feature Volgetager (%)	Range Type	Required Define R	nge/Value	Enable	
Select Selection Criteria ring Feature	Fedture Weightage (%)	Range Type Select	Regulard Regulard Provide the second	nge/Value	Enable	

Figure 3-37 Create Quantitative Scoring Model - Feature

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

Table 3-35	Create Quantitative Scoring Model - Feature - Field Des	cription
------------	---	----------

Field	Description		
+ icon	lick this icon to add a new row.		
- icon	Click this icon to delete a row, which is already added.		
Feature	Select the feature from the drop-down list.		
Weightage (%)	Specify the weightage to be assigned to each feature code.		
Range Type	Select the range type from the drop down list.		
	The available options are: • Max Value		
	Param Percent%		
	Value		
	For Applicant Scoring Model, this field is editable.		
Define Range/Value	Click the Define link to define the score for the expected response.		
Enable	By default, this option is enabled. Indicates if the scoring parameter is enabled or not.		

7. Click the **Define** link to define a range or absolute values for each scoring feature to be considered for scoring model and score for that range or value.

In case the data type of feature is numeric such as Bureau score, the **Create Quantitative Scoring Model - Define Link - Numeric Feature** screen displays.

Rae	ic Details					
Scor	Ing Model					
A	oplicant Scoring Model					
Scor	ing Model Code		Scoring Model Description			
	Required		Required			
Sol	ntember 30, 2020		Expiry Date			
Jel	Stember 30, 2020		Required			
Prod	luct Processor		Priority			
0	FLO 🔻					
			Required			
	Selection Criteria	Feature				
orin	g Feature					
-						
+						
+	Feature	Weightage (%)	Range Type	Define Range/Value	Enable	
+	Feature Age Aggregate	Weightage (%)	Range Type Param Percent %	Define Range/Value Define	Enable	
+	Feature Age Aggregate	Weightage (%)	Range Type Param Percent %	Define Range/Value Define Define	Enable	
+	Feature Age Aggregate Select	Weightage (%)	Range Type Param Percent % Select	Define Range/Value Define Define	Enable C	
+	Feature Age Aggregate Select	Weightage (%)	Range Type Param Percent % Select	Define Range/Value Define Define	Enable	
+	Feature Age Aggregate Select	Weightage (%)	Range Type Param Percent % Select	Define Range/Value Define Define Define	Enable	
+	Feature Age Aggregate Select	Weightage (%)	Range Type Param Percent % Select	Define Range/Value Define Defi	Enable	
Rar	Peature Age Aggregate Select	g e Range? For Example: If range is from 0 - 20	Range Type Param Percent % Select	Define Range/Value Define Define	Exable Exable Control Contro Control Control Control Control Control Contro	
Rar	Feature Age Aggregate Select feature	Weightage (%) a g a Range? For Example: If range is from 0 - 20 Max Value	Range Type Param Percent % Select O In 1st row and 200 - 500 in 2nd row then that m	Define Range/Value Define define estrict in the 2nd row it will start from 201	Enable Enable	
Rar	Feature Age Aggregate Select	g a Range? For Example: If range is from 0 - 20 Max Value	Range Type Param Percent % Select O In 1st row and 200 - 500 in 2nd row then that m	Define Range/Value Define Define Define Define Define	Enable Enable	
Rar Rar	Feature Peature Age Aggregate Select Geogrammatic Age Aggregate de de de de de de age Type aram Percent %	Weightage (%)	Range Type Param Percent % Select O in 1st row and 200 - 500 in 2nd row then that m	Define Define	Enable	
Rar Rar	Feature Age Aggregate Select feature age/Value Definition - Age Aggregate age Type arram Percent %	Weightage (%) Image: Second	Range Type Param Percent % Select	Define Define ears in the 2nd row it will start from 201	Enable Enable	
+ Rar Rar + +	Feature Age Aggregate Select ge/Value Definition - Age Aggregate feature fea	Weightage (%) Weightage (%) A set of the s	Range Type Param Percent % Select O In 1st row and 200 - 500 in 2nd row then that m	Define Range/Value Define We shall be a start from 201	Enable Enable Category	
+ Rar Rar + No c	Feature Age Aggregate Select re re re re re re re re re r	Weightage (%) Image: The second se	Range Type Param Percent % Select Image: Select Image: Select Image: Select Percentage	Define Range/Value Define Befine Range/Value <p< td=""><td>Enable Enable Category</td><td></td></p<>	Enable Enable Category	
+ Rar Rar +	Feature Age Aggregate Select select orge/Value Definition - Age Aggregate tere sedecimal number is considered while defining ge Type aram Percent %	Weightage (%) g a Range? For Example: If range is from 0 - 20 Max Value Range To	Range Type Param Percent % Select 0 in 1st row and 200 - 500 in 2nd row then that r Regard Percentage	Define Range/Value Define Image: Comparison of the	Enable Enable Category	

Figure 3-38 Create Quantitative Scoring Model - Define Link - Numeric Feature

Table 3-36	Create Quantitative Scoring Model - Define Link - Numeric Feature -
Field Descr	iption

Field	Description
Range Type	Displays the range type selected.
Max Value	Specify the maximum value on which scoring has to be done, if range type ID is Max Value % or Param %.
+ icon	Click this icon to add a new row.
- icon	Click this icon to delete a row, which is already added.
Range From	Specify the minimum range of value based on which scoring is to be done.
Range To	Specify the maximum range of value based on which scoring is to be done.
Score/Percentage	Specify the percentage to be assigned for each range or value, if range type is Max value % or Param %.
	Specify the score to be assigned for each range or value, if range type is Value.

Table 3-36(Cont.) Create Quantitative Scoring Model - Define Link – NumericFeature - Field Description

Field	Description
Category	 Specify the category for each range or value from the drop-down list. The values are configurable based on the lookup values maintained. The available options are: Strong Medium Weak

If the data type of feature is alphanumeric such as Employment Category, the below screen appears.

Figure 3-39 Create Quantitative Scoring Model - Define Link – Alphanumeric Feature

Create Quantitative Scoring Mode	əl					;; ×
Basic Details Scoring Model Applicant Scoring Model Scoring Model Code Effective Date September 30, 2020 Product Processor OFLO Selection Criteria	Feature	Scoring Model Descriptio	DR Required Mequired Required			
Scoring Feature						
+ -						
Feature	Weightage (%)	Range Type		Define Range/Value	Enable	
Age Aggregate		Param Percent %	•	Define		
Select -		Select	•	Define		
Range/Value Definition - Age Aggregate New How decimal number is considered while defining Range Type	t a Range? For Example: If range is from 0 - 200 is Max Value	n 1st row and 200 - 500 is	n 2nd row then that mea	ns in the 2nd row it will start from 20		X
Param Percent %	Re	quired				
+ -	Range To		Percentage		Category	
no data to display.						Done
						Cancel

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

Table 3-37Create Quantitative Scoring Model - Define Link – Alphanumeric Feature- Field Description

Field	Description
Range Type	Displays the range type selected. The default value for the same is Value.
Max Value	Specify the maximum value for the range type.



Table 3-37 (Cont.) Create Quantitative Scoring Model - Define Link – Alphanumeric Feature - Field Description

Field	Description
+ icon	Click this icon to add a new row.
- icon	Click this icon to delete a row, which is already added.
Value	Specify the value of the feature.
Score	Specify the score assigned for each range value.
Category	 Specify the category for each range or value from the drop-down list. The available options are: Strong Medium Weak

- 8. Click **Done** to save the data and close the range panel.
- 9. Click Save to save the details.

The **Quantitative Scoring Model** is successfully created and can be viewed using the View Quantitative Scoring Model screen.

3.10.2 View Quantitative Scoring Model

This topic describes the systematic instructions to view the list of configured quantitative scoring model.

The user can configure the qualitative scoring model using the Create Quantitative Scoring Model screen. The status of the uploaded model is displayed as **Unauthorized** and **Open**. Once the checker authorizes the model, the status is updated to **Authorized** and **Open**.

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

- 1. On Homescreen, click Core Maintenance, under Core Maintenance, click Credit Decision.
- 2. Under Credit Decision, click Maintenance, under Maintenance, click Quantitative Scoring, under Quantitative Scoring Model, click View Quantitative Scoring Model.

The View Quantitative Scoring Model screen displays.

+ 0				
Coring Model Code:	Scoring Model Code:	Scoring Model Code:	Scoring Model Code:	Scoring Model Code:
	MAPP602	APP502N2	CBSINT :	RTEST2
icoring Mode CBS Integration	Scoring Mode MAPP602	Scoring Mode APP502N2	Scoring Mode CBSINT	Scoring ModeRTEST1 Desc
Product OFLO	Product OFLO	Product OFLO	Product OFLO	Product OFLO
Authorized 🔓 Open 🖾 1	🗈 Authorized 🔓 Open 🖾 1	🗈 Authorized 🔓 Open 🖾 1	🗅 Authorized 🔓 Open 🖾 1	🗅 Authorized 🔓 Open 🖾 1
coring Model Code:	Scoring Model Code:	Scoring Model Code:	Scoring Model Code:	
MAPP502	APPL502	REJECT	APP502	
coring Mode MAPP502	Scoring Mode APPL502	Scoring ModeREJECT	Scoring Mode APP502	
roduct OFLO	Product OFLO	Product OFLO	Product OFLO	
Authorized 🔓 Open 🖾 1	🗈 Authorized 🛛 🔓 Open 🖉 1	D Authorized 🔒 Open 🖾 1	🗅 Authorized 🛛 🔓 Open 🖾 1	

Figure 3-40 View Quantitative Scoring Model



Field	Description
Scoring Model Code	Displays the scoring model code.
Scoring Model Description	Displays the description of the scoring model.
Product Processor Code	Displays the product processor code
Authorization Status	Displays the authorization status of the record. The options are: • Authorized • Rejected • Unauthorized
Record Status	Displays the status of the record. The options are: • Open • Closed
Modification Number	Displays the number of modification performed on the record.

Table 3-38 View Quantitative Scoring Model – Field Description

3. On View Quantitative Scoring Model screen, click

Q

icon.

The View Quantitative Scoring Model - Search screen displays.

Figure 3-41 View Quantitative Scoring Model - Search

Search Filter	×
Scoring Model Code	
Scoring Model Description	
Authorization Status	•
Record Status	•
Search Reset	



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

Field	Description
Scoring Model Code	Specify the scoring model code.
Scoring Model Description	Specify the description of the scoring model.
Authorization Status	 Select the authorization status from the drop-down list. The available options are: Authorized Rejected Unauthorized
Record Status	Select the record status from the drop-down list. The available options are: • Open • Closed

Table 3-39 View Quantitative Scoring Model - Search – Field Description

- 4. On View Quantitative Scoring Model screen, click
 - :

icon to Unlock, Delete, Authorize or View the created quantitative scoring model.

5. Click **Unlock** to modify the created quantitative scoring model.

The Quantitative Scoring Model Maintenance - Modify screen displays.

<pre>st cetals regions for the form of the</pre>					
<pre>result generation generation generation generation</pre>	sic Details				
<pre>regenter source web of the source web of th</pre>	sine Medal				
server and a conserver a more of the server a more	ning model				
<pre>request request r</pre>	atentiadal Cada		Contraction Market Description		
Control Sector Citerie	PCINITA DDI		CPE Integration Application I	aud	
<pre>seture Status in the seture setu</pre>	DOINTAPPL		Cos integration Application L	evel	
and the Assession in th	votopology ZO, 2020		March 21 2025	(##)	
Nation None Sector Cherrin Scoring Rule Sector Cherrin GENT2 Sector Cherrin GENT2 Sector Cherrin GENT2 Sector Cherrin GENT2 Sector Cherrin Sector Cherrin Sector Cherrin Centre Therrin Cherrin Sector Cherrin Sector Cherrin Sector Cherrin Centre Therrin Cherrin Sector Cherrin Cherrin Cherrin Sector Cherrin Cherrin	eptember 50, 2020		March 51, 2025		
Extra of the set	duct Processor		Priority		
Selection Criteria Scoring Rule Bisterior Rule Harrier Selection Criteria Rule Harrier Bisterior CBSNT2 Selection Criteria Rule Harrier Bisterior CBSNT2 Selection Criteria Rule Harrier Selection Criteria CBSNT2 Selection Criteria Selection Criteria	JFLO V		1		
BSNT2 CBSNT2 CBSNT2 Select Exeting rule CDSNT2 BSNT2 CDSNT2 CO CDSNT2 CO Section1 CO Section2 CO	Selection Criteria	Scoring Rule			
ddd bdd vlas Sascinto Cds>N12 Cds>N12 Bask Wexion 2 Q Section1	BSINT2 🔻 🖯	CBSINT2			
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tett bill Self.Info Code Description Cessifi7 Cessifi7 Description Tig Self.Info Cessifi7 Description Tig Self.Info Cessifi7 Description Tig Self.Info Cessifi7 Section1 Cessifia Expression Cessifia If (MIN (ALL_Transunion_Credit_Report) == 409) Output Section 1 true Section 1 true Section 1 true					
Sets info Set Ef Sets ing nå CdS:M72 GS:M72 Make Venion C 2 Q > Secton1 Secton2 Ese Secton3 Foreson Secton4	Edit				
 ✓ Baskinto ✓ Obsorption ✓ Obso	Rules				
Code Description Tag Select Exating rule CdS:M172 CdS:M172 Cd Cd Index Version Cd Cd Cd 2 Cd Cd Cd Section1 Ese Ese Ese Ese (MIN (ALL_Transunion_Credit_Report) == 409) Option Section1 true Ese	✓ Basic Info				
CBSNT2 • Q Nde Vertor Q 2 Q > Secton1 Secton1 Ese C Image: Secton 1 Secton 2 Image: Secton 1 Secton 2 Image: Secton 1 Secton 2 Image: Secton 1 Secton 1 Image: Secton 1 Secton 1 Image: Secton 1 Secton 1 Secton 1 Secton 1 Secton 1 Secton 1	Code	Description	Tag		Select Existing rule
No terms to display. Ese Expression (MNX (ALL_Transunion_Credit_Report) == 409) Output Section 1 true Else	CBSINT2	CBSINT2		-	Q
2 Q Section1 Ese Image: Contract of the section and	Rule Version				
> Section1 Expression [[(MN (ALL_Transunion_Credit_Report) == 409) Oxtput: [Section 1 true Expression		Q,			
Ese Ese (MN (ALL_Transunion_Credit_Report) == 409) Output Section true Ese	> Section1				
Else Else (MN (ALL_Transunion_Credit_Report) == 409) Output Else Else Else					
Image: Contract of the second seco	Else				
Image: Section 1 true					
No items to display. Expression	+ =				
Expression IF (MIN (ALL_Transunion_Credit_Report) == 409) Output Section 1 rue Else	No items to display.				
Expression IF (MIN (ALL_Transunion_Credit_Report) = = 409) Output Ese Else					
IF (MIN (ALL_Transunion_Credit_Report) == 409) Output Section 1 true Else Else	Everessien				
الا (MIN (ALL_Transunion_Credit_Report) == 409) Output Section1 true Else	LAPIESSIUII				
" (MIN (ALL_Transunion_Credit_Report) == 409) Ourput Section1 true Else	IC				
Output Section 1 true Else	(MIN (ALL_Transunion_Credit_F	Report) == 409)			
Else	Output Section1 true				
	Else				
					2/////////////////////////////////////
Cancel					Cance

Figure 3-42 Quantitative Scoring Model Maintenance - Modify



The fields marked as **Required** are mandatory.

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

Table 3-40	Quantitative Scoring Model Maintenance	- Modify -	Field Description

Field	Description
Application Scoring Model	Displays the application scoring model.
Scoring Model Code	Displays the qualitative scoring model code for the created quantitative scoring model.
Scoring Model Description	The user can modify the quantitative scoring model description for the created quantitative scoring model.
Effective Date	Displays the effective date of the created quantitative scoring model. The user can modify the same before authorization.
Expiry Date	Displays the expiry date of the created quantitative scoring model. The user can modify the same before authorization.



Field	Description
Product Processor	Displays the product processor for the created quantitative scoring model.
Priority	The user can modify the priority of the created quantitative scoring model.
Use Existing Rule	The user can modify the existing rule if linked.
Rule Code	Displays the rule code for the created quantitative scoring model.
	Click this icon to get the information about the rule.
0	
Rule Name	Displays the rule name of the rule code for the created quantitative scoring model.
Code	Displays the rule code.
Description	Displays the rule description.
+ icon	This icon can add new expression.
Fact / Rules	Displays the fact or rule of the created quantitative scoring model.
Operator	Displays the comparison operator of the created quantitative scoring model.
Data Type	Displays the data type for the fact or rule for the created quantitative scoring model.
Output	Displays the output for the created quantitative scoring model.
Expression	Displays the expression updated in the expression builder for the created quantitative scoring model.
Feature	This tab is enabled for the Applicant Scoring Model.
+ icon	This icon adds new row.
- icon	This icon deletes a row, which is already added.
Feature	Displays the feature for the created quantitative scoring model.
Weightage (%)	The user can modify the weightage assigned to each feature for the created quantitative scoring model.
Range Type	Displays the range type for the created quantitative scoring model.
Define Range/Value	Displays the range/value defined for the created quantitative scoring model.
Range From	The user can modify the minimum range of value based on which scoring is done.
Range To	The user can modify the maximum range of value based on which scoring is done
Score	The user can modify the score for each range or value.
Category	The user can modify the category for the created quantitative scoring model.
Enable	Displays parameter for the created quantitative scoring model.
Scoring Rule	This tab is enabled for the Application Scoring Model.
Rule Code	Displays the rule code for the created quantitative scoring model.

Table 3-40 (Cont.) Quantitative Scoring Model Maintenance - Modify - FieldDescription



Field	Description
0	Click this icon to get the information about the rule.
Rule Name	Displays the rule name of the rule code for the created quantitative scoring model.

Table 3-40(Cont.) Quantitative Scoring Model Maintenance - Modify - FieldDescription

- 6. Click **Save** to update the modified fields.
- 7. Click View to view the created quantitative scoring model.

The Quantitative Scoring Model Maintenance – View screen displays.

Figure 3-43 Quantitative Scoring Model Maintenance – View

Quantitative Scoring Model Maintenance	;; ×
Basic Details Souring Model Application Scoring Model Souring Model Code (CBSNTAPPL Effective Date September 50, 2020 Product Processo OFLO	Scoring Model Description CBS Integration Application Level Expiry Date March 31, 2025 Privatry 1
Selection Criteria Scoring Rule Subscripting Rule Cleate New Rule Rules Rule Code Rule Name CBSINT2 CBSINT2 CBSINT2 CBSINT2	
Edu Rules	
Code Description CBSINT2 Ruk Version 2 Q	Tag Select Existing rule Q
Else No items to display.	
Expression ^{IF} (MIN (ALL_Transunion_Credit_Report) == 409) Output Section 1 true Else	
Audit	



Field	Description
Scoring Model	Displays the application scoring model.
Scoring Model Code	Displays the qualitative scoring model code for the created quantitative scoring model.
Scoring Model Description	Displays the quantitative scoring model description for the created quantitative scoring model.
Effective Date	Displays the effective date of the created quantitative scoring model. The user can modify the same before authorization.
Expiry Date	Displays the expiry date of the created quantitative scoring model. The user can modify the same before authorization.
Product Processor	Displays the product processor for the created quantitative scoring model.
Priority	The user can modify the priority of the created quantitative scoring model.
Use Existing Rule	The user can modify the existing rule if linked.
Rule Code	Displays the rule code for the created quantitative scoring model.
0	Click this icon to get the information about the rule.
Rule Name	Displays the rule name of the rule code for the created quantitative scoring model.
Create New Rule	Displays the rule code for the created quantitative scoring model.
Code	Displays the rule code.
Description	Displays the rule description.
+ icon	This icon can add new expression.
Fact / Rules	Displays the fact or rule of the created quantitative scoring model.
Operator	Displays the comparison operator of the created quantitative scoring model.
Data Type	Displays the data type for the fact or rule for the created quantitative scoring model.
Output	Displays the output for the created quantitative scoring model.
Expression	Displays the expression updated in the expression builder for the created quantitative scoring model.
Feature	This tab is enabled for the Applicant Scoring Model .
+ icon	This icon adds new row.
- icon	This icon deletes a row, which is already added.
Feature	Displays the feature for the created quantitative scoring model.
Weightage (%)	Displays the weightage assigned to each feature for the created quantitative scoring model.
Range Type	Displays the range type for the created quantitative scoring model.
Define Range/ Value	Displays the range/value defined for the created quantitative scoring model.
Range From	The user can modify the minimum range of value based on which scoring is done.
Range To	The user can modify the maximum range of value based on which scoring is done
Score	Displays the score for each range or value.

 Table 3-41
 Quantitative Scoring Model Maintenance - View - Field Description



Field	Description
Category	Displays the category for the created quantitative scoring model.
Enable	Displays parameter for the created quantitative scoring model.
Scoring Rule	This tab is enabled for the Application Scoring Model.
Rule Code	Displays the rule code for the created quantitative scoring model.
0	Click this icon to get the information about the rule.
Rule Name	Displays the rule name of the rule code for the created quantitative scoring model.

Table 3-41 (Cont.) Quantitative Scoring Model Maintenance - View - FieldDescription

3.11 Decision Grade Matrix

This topic describes the information about the decision grade matrix feature.

The Decision Grade Matrix can define the decision and grade based on the score calculated by the scoring model.

This topic contains the following subtopics:

- Create Decision Grade Matrix
 This topic describes the systematic instructions to create decision and grade matrix by
 updating various details.
- View Decision Grade Matrix This topic describes the systematic instructions to view the decision grade matrix.

3.11.1 Create Decision Grade Matrix

This topic describes the systematic instructions to create decision and grade matrix by updating various details.

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

- 1. On Homescreen, click Core Maintenance, under Core Maintenance, click Credit Decision.
- 2. Under Credit Decision, click Maintenance, under Maintenance, click Decision Grade Matrix, under Decision Grade Matrix, click Create Decision Grade Matrix.

The Create Decision Grade Matrix screen displays.



Figure 3-44	Create Decision Grade Matrix
Create Decision Grade	Matrix

create Decision Grade Matrix		
Basic Details		
Model Code	Model Description	
Required		
Effective Date	Explay Date	
September 30, 2020	() () () () () () () () () ()	
Product Processor	Required Priority	
Select 👻		
Required	Required	
Eduction Criteria Decklon Matrix Crade Matrix		
Selection chiefen		
se Existing Rule Of Create New Rule		
Rules		
Rule Code Rule Name		
Select •		
Required		
		Cancel

3. On Create Decision Grade Matrix screen, specify the fields.



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

Table 3-42	Create Decision	Grade Matrix	- Field Description
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Field	Description
Model Code	Specify the unique model code.
Model Description	Specify a short description for the model.
Effective Date	Specify the effective date.
Expiry Date	Specify the expiry date.
Product Processor	Specify the product processor for which the decision and grade matrix is being created.
Priority	Specify the priority of the model.

4. Click the **Selection Criteria** to configure the parameters based on which decision model is to be resolved.

The Create Decision Grade Matrix - Selection Criteria screen displays.



ic Details					
lel Code		Model Description			
Reauted					
ctive Date		Required Expiry Date			
otember 30, 2020		Ē			
luct Processor		Required			
elect 🔹					
Required		Required			
ction Criteria Decision Matrix	Grade Matrix				
xisting Rule 🔘 Create New Rule					
ate Rule					
have					
eew					
ules					
✓ Basic Info					
Code	Description	Tag		Select Existing rule	
			Ψ		Q
Rule Version					
	Q				
✓ Section1					
Expression Builder					
+ Add Expression					
Output					
ouput					
No items to display.					
Else					
+ =					
No items to display.					
Expression					
IF					
IF Output Section1					
IF Output Section1 Else					

Figure 3-45 Create Decision Grade Matrix - Selection Criteria

Field	Description
Use Existing Rule	By default, this option is enabled. Indicates if the existing rule is linked.
Rule Code	Select the rule code from the drop down list.
0	Click this icon to get the information about the rule.
Rule Name	Displays the rule name of the rule code.
Create New Rule	Select this option to create new rule.
+ icon	Click this icon to add new expression.

 Table 3-43
 Create Decision Grade Matrix - Selection Criteria - Field Description



Field	Description
Fact / Rules	Select the fact or rule from the drop-down list. Once the user selects the fact/rules, one more field opens adjacent to the output, update the same based on the selected output option.
Operator	Select the comparison operator from the drop-down list. The available options are: > + = % != >= < <= Contains In Matches NotMatches NotContains Notin
Data Type	Select the data type for the fact or rule. Once the user select the data type, one more field opens adjacent to the output, update the same based on the selected output option. The available options are: • Text • Number • Boolean • Date • Fact • Rules The below option appears if the Data Type is selected as Boolean. • True • False
Output	Select the output from the drop-down list. Once the user select the data type, one more field opens adjacent to the output, update the same based on the selected output option. The available options are: • Text • Number • Boolean • Date • Fact • Rules The below option appears if the Data Type is selected as Boolean. • True • False
Expression	Displays the expression updated in the expression builder.

Table 3-43(Cont.) Create Decision Grade Matrix - Selection Criteria - FieldDescription



5. Click the **Decision Matrix** to define decision on the application. The user can select the feature for which the decision needs to be maintained like Quantitative/Qualitative.

The Create Decision Grade Matrix - Decision Matrix screen displays.

Create	Decision Grade Matrix		
Basic De	etails		
Andel Cor	le		
iouer cou			Model Description
	Required		
ffective E	late		Expiry Date
Septem	ber 30, 2020 🛗		
			Required
roduct Pi	ocessor		Priority
OFLO	•		
			Required
lection	Criteria Decision Matrix	Grade Matrix	
te Swidecin	nal number is considered while defining a R	tange? For Example: If range is from 0	200 in 1st row and 200 - 500 in 2nd row then that means in the 2nd row it will start from 200.
			Add columns to define Decision Matrix
			1 41(6)
			+ Add Column
	AgeAggr		Decision
	From	То	
			Select

Figure 3-46 Create Decision Grade Matrix - Decision Matrix

Table 3-44	Create Decision Grade Ma	atrix - Decision Matrix	 Field Description
------------	---------------------------------	-------------------------	---------------------------------------

Field	Description
Add Column	Click this button to add features for which decision has to be maintained. On click of Add Column , all the features are shown in the drop down list. Select the feature to be added. Click save to add the feature.
	If the feature is numeric type, two columns gets added in the table From and To. If the feature is character/alphanumeric type one column Value gets added.
	System should not save, if no feature have been added. User can click Cancel to close the window.
Link a Rule?	 Select the appropriate radio button to link a rule to the features. The options are: Yes - If this option is selected, the system displays the list of rules. Based on the rule mapped, the decision is provided. No - If this option is selected, the system displays the list of decision lookup values.
+ icon	Click this icon to add a new row.
- icon	Click this icon to delete a row, which is already added.



Field	Description	
Score From	Specify the minimum range of score for the decision.	
Score To	Specify the maximum range of score for the decision.	
Decision	Specify the decision of an application from the drop-down list. The values are configurable based on the look up values maintained.	
	Approved	
	• Manual	
	Rejected	
Rule	Displays the rules based on which decision is to be made. This field is enabled if Link a Rule? option is updated as Yes .	

Table 3-44(Cont.) Create Decision Grade Matrix - Decision Matrix - FieldDescription

6. Click the **Grade Matrix** to assign the grade to the application that is used during the pricing of the application. You can select the feature for which the grade needs to be maintained like Quantitative/Qualitative.

The Create Decision Grade Matrix - Grade Matrix screen displays.



Figure 3-47 Create Decision Grade Matrix - Grade Matrix

Field	Description
Add Column	Click Add Column , for addition of features for which decision has to be maintained.
Link a Rule?	 Select the appropriate radio button to link a rule to the features. The options are: Yes - If this option is selected, the system displays the list of rules. Based on the rule mapped, the decision is provided. No - If this option is selected, the system displays the list of decision lookup values.
X	Click this icon to delete a column, which is already added.
+ icon	Click this icon to add a new row.
- icon	Click this icon to delete a row, which is already added.
Score From	Specify the minimum range of score for the grade.
Score To	Specify the maximum range of score for the grade.
Grade	 Specify the grade of the application based on the score scored. The values are configurable based on the look up values maintained. The available options are: A B C
Value	Specify the value for which the grade has to be maintained. This field appears only if the data type of feature is Numeric such as Age, FICO score.
Rule	Displays the rules based on which decision is to be made. This field is enabled if Link a Rule? option is updated as Yes .

Table 3-45 Create Decision Grade Matrix - Grade Matrix - Field Description

7. Click Save to save the details.

The **Decision Grade Matrix** is successfully created and can be viewed using the View Decision and Grade Matrix screen.

3.11.2 View Decision Grade Matrix

This topic describes the systematic instructions to view the decision grade matrix.

The user can create the decision grade matrix using the Create Decision Grade Matrix screen. The status of the uploaded model is displayed as **Unauthorized** and **Open**. Once the checker authorizes the matrix, the status is updated to **Authorized** and **Open**.

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

- 1. On Homescreen, click Core Maintenance, under Core Maintenance, click Credit Decision.
- 2. Under Credit Decision, click Maintenance, under Maintenance, click Decision Grade Matrix, under Decision Garde Matrix, click View Decision Grade Matrix.

The View Decision Grade Matrix screen displays.

Figure 3-48	View Decision Grade Matrix
-------------	----------------------------

+ 0				
todel Code: IBSINT3	Model Code: DGFICO :	RTEST1	Model Code: MRTEST1	Model Code: DGM5034
fodel CBSINT3 roduct OFLO	Model DGFICO Product OFLO	Model RTEST1 Product OFLO	Model MRTEST1 Product OFLO	Model DGM5034 Product OFLO
Authorized 🔓 Open 🖾 1	🗅 Authorized 🕹 Open 🖾 1	🗅 Unauthorized 🔓 Open 🖾 1	🗈 Authorized 🔓 Open 🖾 1	🗈 Authorized 🔓 Open 🖾 1
lodel Code: DGMBS1	Model Code: REJECT1			
fodel Decision Grade mode roduct OFLO	Model REJECT Product OFLO			
Authorized 🔓 Open 🖾 1	🗅 Authorized 🔒 Open 🖉 1			

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

 Table 3-46
 View Decision Grade Matrix – Field Description

Field	Description
Model Code	Displays the model code.
Model Description	Displays the model description.
Product Processor	Displays the product processor for which the model is created.
Record Status	Displays the status of the record.
Modification Number	Displays the number of modification performed on the record.

3. On View Decision Grade Matrix screen, click



icon.

The View Decision Grade Matrix - Search screen displays.



Figure 3-49 View Decision Grade Matrix - Searc	h
Search Filter	×
Model Code	
Ι <u></u>	
Model Description	
Authorization Status	
Record Status	
Search Reset	

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

Table 3-47 View Decision Grade Matrix - Search – Field Description

Field	Description
Model Code	Specify the model code.
Model Description	Specify the model description.
Authorization Status	 Select the authorization status from the drop-down list. The available options are: Authorized Rejected Unauthorized
Record Status	Select the record status from the drop-down list. The available options are: • Open • Closed

- 4. On View Decision Grade Matrix screen, click
 - :
 - ٠

icon to Unlock, Delete, Authorize or View the created decision grade matrix.



5. Click **Unlock** to modify the created decision grade matrix.

The Decision Grade Maintenance - Modify screen displays.

asic Details			
adel Code			
		Model Description	
fective Date		CBSINTS	
eptember 30, 2020		Expiry Date	
oduct Processor		March 51, 2025	
OFLO -		Phonty	
		1	
Institut Desision Mateix	Crade Mateix		
Decision Matrix	Grade Matrix		
: Existing Rule O Create New Rule			
ulas			
ile Code	Rule Name		
CBSINT3 - 0	CBSINT3		
Edit			
Rules			
✓ Basic Info			
	D		a ha a succession of the succe
Code	Description	lag	Select Existing rule
CBSIN15 Rule Version			•
5			
	S.		
> Section1			
Else			
+ =			
No items to display.			

Figure 3-50 Decision Grade Maintenance - Modify



Table 3-48 Decision Grade Maintenance - Modify - Field Des
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Field	Description
Model Code	Displays the model code for the created decision grade matrix.
Model Description	The user can modify the model description for the created decision grade matrix.
Effective Date	The user can modify effective date for the decision grade matrix.
Expiry Date	The user can modify date of the created decision grade matrix.
Product Processor	Displays the product processor for the decision grade matrix.



Table 3-48 (Cont.) Decision Grade Maintenance - Modify - Field Description

Field	Description
Priority	The user can modify the priority of the created decision grade matrix.

Table 3-49 Selection Criteria - Field Description

Field	Description
Use Existing Rule	Indicates if the existing rule is linked.
Rule Code	The user can modify the rule code for the created decision grade matrix.
0	Click this icon to get the information about the rule.
Rule Name	Displays the rule name of the rule code for the created decision grade matrix.
Create New Rule	The user can modify the rule code for the created decision grade matrix.
Description	Specify the rule description for the decision grade matrix.
Code	Specify the new rule code for decision grade matrix.

Table 3-50 Expression Builder - Field Description

Field	Description
+ icon	This icon can add new expression.
Fact / Rules	Displays the fact or rule for the created decision grade matrix.
Operator	Displays the comparison operator for the created decision grade matrix.
Data Type	Displays the data type for the fact or rule for the created decision grade matrix.
Output	Displays the output for the created decision grade matrix.
Expression	Displays the expression updated in the expression builder for the created decision grade matrix.

Table 3-51 Decision Matrix - Field Description

Field	Description	
Add Column	Click this button to add features for which decision has to be maintained.	
Link a Rule?	 Select the appropriate radio button to link a rule to the features. The options are: Yes - If this option is selected, the system displays the list of rules. Based on the rule mapped, the decision is provided. No - If this option is selected, the system displays the list of decision lookup values. 	
+ icon	Click this icon to add new row.	
- icon	Click this icon to delete a row, which is already added.	



Field	Description
Score From	Specify the minimum range of score for the decision.
Score To	Specify the maximum range of score for the decision.
Decision	Specify the decision of an application. The values configurable based on the lookup values maintained.
	The available options are: Approved Manual Rejected
Rule	Displays the rules based on which decision is to be made. This field is enabled if Link a Rule? option is updated as Yes .

Table 3-51 (Cont.) Decision Matrix - Field Description

Table 3-52 Grade Matrix - Field Description

Field	Description	
Add Column	Click this button to add features for which grade has to be maintained.	
+ icon	Click this icon to add new row.	
- icon	Click this icon delete a row, which is already added.	
Score From	Specify the minimum range of score for the grade.	
Score To	Specify the maximum range of score for the grade.	
Grade	Specify the grade of an application based on the score scored. The values configurable based on the lookup values maintained.	
	The available options are: A B C 	

6. Click **Save** to update the modified fields.

7. Click **View** to view the decision grade matrix.

The Decision Grade Maintenance – View screen displays.



ecision Grade Maintenance				
acic Dotaile				
		Model Description		
35IN15		CBSINT3		
rective Date		Expiry Date		
sheriber 50, 2020		March 31, 2025		
oduct Processor		Priority		
FLO		1		
lection Criteria Decision Matrix	Grade Matrix			
Existing Rule O Create New Rule				
ules de Code	Rule Name			
	CBSINITZ			
-	Costino			
Edit				
Rules				
✓ Basic Info				
				1.18.1.1.1
CODEINITZ	COSINTZ	idg		
Rule Version			•	3
5	Q			
> Section1				
Else				
•				
No items to display.				
Expression				
IF CONTRACTOR	Coult Bounds (100)			
Output	<pre>/_Credit_Report) == 409)</pre>			
Section1 true				
L.L.D.Y				

Figure 3-51 Decision Grade Maintenance – View

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

Table 3-53 Decision Grade Maintenance - View - Field Description

Field	Description
Model Code	Displays the model code for the created decision grade matrix.
Model Description	Displays the model description for the created decision grade matrix.
Effective Date	Displays the effective date for the decision grade matrix.
Expiry Date	Displays the expiry date of the created decision grade matrix.
Product Processor	Displays the product processor for the decision grade matrix.
Priority	Displays the priority of the created decision grade matrix.

Table 3-54 Selection Criteria - Field Description

Field	Description
Use Existing Rule	Indicates if the existing rule is linked.
Rule Code	Displays the rule code for the created decision grade matrix.

Field	Description
0	Click this icon to get the information about the rule.
Rule Name	Displays the rule name of the rule code for the created decision grade matrix.
Create New Rule	Displays the rule code for the created decision grade matrix.
Code	Specify the new rule code for decision grade matrix.
Description	Specify the rule description for the decision grade matrix.

Table 3-54 (Cont.) Selection Criteria - Field Description

Table 3-55 Expression Builder - Field Description

Field	Description
+ icon	Click this icon to add new expression.
Fact / Rules	Displays the fact or rule for the created decision grade matrix.
Operator	Displays the comparison operator for the created decision grade matrix.
Data Type	Displays the data type for the fact or rule for the created decision grade matrix.
Output	Displays the output for the created decision grade matrix.
Expression	Displays the expression updated in the expression builder for the created decision grade matrix.

Table 3-56 Decision Matrix - Field Description

Field	Description
Add Column	Click this button to add features for which decision has to be maintained.
+ icon	Click this icon to add new row.
- icon	Click this icon to delete a row, which is already added.
Score From	Displays the minimum range of score for the decision.
Score To	Displays the maximum range of score for the decision.
Decision	Displays the decision of an application. The values configurable based on the look up values maintained.
	The available options are: Approved Manual Rejected
Rule	Displays the rules based on which decision is to be made. This field is enabled if Link a Rule? option is updated as Yes .



Field	Description	
Add Column	Click this button to add features for which grade has to be maintained.	
+ icon	Click this icon to add new row.	
- icon	Click this icon to delete a row, which is already added.	
Score From	Displays the minimum range of score for the grade.	
Score To	Displays the maximum range of score for the grade.	
Grade	Displays the grade of an application based on the score scored. The values configurable based on the look up values maintained. The available options are: A B C	
Rule	Displays the rules based on which grade is to be made. This field is enabled if Link a Rule? option is updated as Yes .	

 Table 3-57
 Grade Matrix - Field Description

3.12 Pricing

This topic describes the information about the pricing feature in Decision service.

Risk-based pricing refers to the offering of different interest rates to different customers depending on their credit worthiness. Thus, not all borrowers for the same product receives the same interest rate and credit terms. This means that high-risk borrowers who are less likely to repay their loans in full and on time will be charged higher rate of interest. While the low risk borrowers, having greater capacity to make payments will be charged lower rate of interest.

This topic contains the following subtopics:

Create Pricing Model

This topic describes the systematic instructions to create pricing model based on various pricing parameter by updating various details.

View Pricing Model

This topic describes the systematic instructions to view the list of pricing model.

3.12.1 Create Pricing Model

This topic describes the systematic instructions to create pricing model based on various pricing parameter by updating various details.

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

- 1. On Homescreen, click Core Maintenance, under Core Maintenance, click Credit Decision.
- 2. Under Credit Decision, click Maintenance, under Maintenance, click Pricing Model, under Pricing Model, click Create Pricing Model.

The Create Pricing Model screen displays.

Create Pricing Model			;; ×
Basic Details			
Pricing Code		Pricing Description	
Required		Required	
Effective Date		Expiry Date	
September 30, 2020		i	
Product Processor		Required Priority	
Select 👻			
Required Filter Value		Required	
Selection Criteria	Price Definition		
Use Existing Rule O Create New Rule			
Rules			
Rule Code	Rule Name		
Select			
Required			
			Cancel Save

Figure 3-52 Create Pricing Model

3. On Create Pricing Model screen, specify the fields.



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

Table 3-58 Create Pricing Model - Field Description

Field	Description
Pricing Code	Specify the unique pricing code.
Pricing Description	Specify a short description for the pricing.
Effective Date	Specify the effective date.
Expiry Date	Specify the expiry date.
Product Processor	Specify the product processor for which the pricing is being created.
Priority	Specify the priority of the pricing.

4. Click the **Selection Criteria** to define pricing model.

The Create Pricing Model - Selection Criteria screen displays.



sic Details						
cing Code		Pricing Description				
Description			President			
ective Date		Expiry Date	Nequireu			
eptember 30, 2020 👜						
duct Processor		Priority	Required			
elect 👻						
Required			Required			
er Value						
Selection Criteria Price Definition Existing Rule						
eate Rule						
New						
Rules						
✓ Basic Info						
Code	Description		Tag		Select Existing rule	
				Ŧ		Q
Rule Version						
٩						
✓ Section1						
Expression Builder						
+ Add Expression						
Output						
+ =						
No items to display.						
Else						
+ =						
No items to display.						
Expression						
IF						
Output						
Section1 Else						

Figure 3-53 Create Pricing Model – Selection Criteria

Table 3-59	Create Pricing Model	– Selection Criteria ·	 Field Description
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Field	Description
Use Existing Rule	By default, this option is enabled. Indicates if the existing rule is linked.
Rule Code	Select the rule code from the drop-down list.
0	Click this icon to get the information about the rule.
Rule Name	Displays the rule name of the rule code.
Create New Rule	Select this option to create new rule.

Field	Description
Code	Specify the rule code.
Description	Specify the rule description.
+ icon	Click this icon to add new expression.
Fact / Rules	Select the fact or rule from the drop-down list. Once the user selects the fact/rules, one more field opens adjacent to the output, update the same based on the selected output option.
Operator	Select the comparison operator from the drop-down list. The available options are: < < > + = % != - >= <= * / Contains In Matches NotMatches NotContains Notin
Data Type	 Select the data type for the fact or rule. Once the user select the data type, one more field opens adjacent to the output, update the same based on the selected output option. The available options are: Text Number Boolean Date Fact Rules The below option appears if the Data Type is selected as Boolean. True False

Table 3-59 (Cont.) Create Pricing Model – Selection Criteria - Field Description

Field	Description
Output	Select the output from the drop-down list. Once the user select the data type, one more field opens adjacent to the output, update the same based on the selected output option.
	The available options are: Text Number Boolean Date Fact Rules The below option appears if the Data Type is selected as Boolean.
	True False
Expression	Displays the expression updated in the expression builder.

Table 3-59 (Cont.) Create Pricing Model – Selection Criteria - Field Description

- 5. Click **Price Definition** to define the pricing.
- 6. Select the Rate Type options as Flat to specify the flat rate.

The Create Pricing Model – Price Definition (Flat) screen displays.

Figure 3-54 Create Pricing Model – Price Definition (Flat)

Create Pricing Model				:: ×
Basic Details				
Pricing Code		Pricing Description		
Required Effective Date		Required Expiry Date		
September 30, 2020		Priority		
Select Regulared		Required		
Selection Criteria Price De	finition			
Minimum Rate	Maximum Rate			
Required	Required	Rate %		
Flat O Tiered	Yes No		Required	
				Cancel Save

Table 3-60 Create Pricing Model – Price Definition (Flat) - Field Description

Field	Description
Minimum Rate	Specify the minimum rate applicable for the defined pricing code.
Maximum Rate	Specify the maximum rate applicable for the defined pricing code.
Rate Type	Select the rate type from the drop-down list as Flat .

Field	Description
Link a Rule?	 Select the option whether to link a rule to derive the price. The options are: Yes No
Rate %	Specify the interest rate application for the defined pricing. This field displays once you select the Rate Type option as Flat and Link a Rule? option as No .
Rule	Select the rule for the defined pricing from the drop-down list. This field appears once you select the Rate Type option as Flat and Link a Rule? option as Yes .

Table 3-60 (Cont.) Create Pricing Model – Price Definition (Flat) - Field Description

- 7. Select the **Rate Type** options as **Tiered** to link the list of features.
- 8. Click Add Columns to select and link the features.

The Add Features screen displays.

Figure 3-55 Add Features

Select Feature Nan	ne from the list		
Link a Rule?			
165 140			

9. Select the feature names from the list. ('n' number of features can be selected)



- **10.** Select the option whether to link a rule for defining the interest rate.
- Click Save to link the list of features for defining the tiered interest rate.
 The Create Pricing Model Price Definition (Tiered) screen displays.

Bist Daris Teng Cale Bergene	Create Pricing Model			11
There come Prevery take Selection Citiens Prevery take Selection Citiens Prevery take Baser	Basic Details			
Image: Image	Pricing Code		Briena Description	
Impair Impair Effective Low Epsip Low Effective Low Epsip Low OF Low Price Defination Selection Citters Price Defination Maximum Rate Rearry Rearry Rearry Rearry Rearry Rearry Rearry Rearry Rearry Rearry Rearry Rearry Rearry Rearry Rearry Rearry Rearry Rearry Rearry Rearry Rearry Re				
is determine is 0, 2020 Point Proceso Point Proceso Point Proceso Point Proceso Point Proceso P	Required		Required	
legender Podet Recessor CFLo Provide Provide <	Effective Date		Expiry Date	
Product Processor Preving Price Definition Price Definition Meanues Rate Neared Neare	September 30, 2020			
GRD File vible Selection Criteria Pace Definition Maxeman Rate Regard Rega	Product Processor		Required	
Filer Value Selection Criteria Price Defination Meaneral Inseared Notament Rate Inseared Inseared Notament Rate Inseared Inseared Notament Rate Inseared Inseared <td< td=""><td>OFLO •</td><td></td><td></td><td></td></td<>	OFLO •			
Selection Criteria Price Definition Minimum Rate Maximum Rate Regented Maximum Rate Reserved Regented Reserved Regented Reserved Regented Reserved Reserved Reserved Reserved Add columns to define Rates Add columns Age Reserved Reserved Age Reserved Reserved	Filter Value		Required	
Selection Criteria Price Definition Minimum Rate Regard Reg				
Selection Criteria Price Definition Maximum Rate Traperies Ret Type Field Fiel				
Are Erom To	finition Rate Frequencies Tate Type D Flat I Tiered	Maximum Rate	and	
How decimal number is considered while defining a Range? For Example: If range is from 0 - 200 in 1st row and 200 - 500 in 2nd row then that means in the 2nd row it will start from 200. Add columns to define Rates + Add Column Age Rate % From To	ite			
Add columns to define Rates	tote How decimal number is considered while defining a	Range? For Example: If range is from 0 - 200 in	1st row and 200 - 500 in 2nd row then that means in the 2nd row it will start from 200	
Add columns to define Rates				
+ - Rate %			Add columns to define Rates	
+				
+				
+ -				
Age Rate % From To	+] -]			
□ Age Rate % From To				
From To	Age Age		Rate %	
	From	То		

Figure 3-56 Create Pricing Model – Price Definition (Tiered)

Table 3-61	Create Pricing	Model – Price Definition ((Tiered) - Field Description
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Field	Description
Minimum Rate	Specify the minimum rate applicable for the defined pricing code.
Maximum Rate	Specify the maximum rate applicable for the defined pricing code.
Rate Type	Select the rate type from the drop-down list as Tiered .
<numeric Feature> From</numeric 	Specify the minimum numeric value of feature to which the interest rate is applicable.
<numeric Feature> To</numeric 	Specify the maximum numeric value of feature to which the interest rate is applicable.
<character Feature> Value</character 	Specify the alphabetic value for which the interest rate is applicable.
Rate %	Specify the interest rate applicable for the defined tier. This field appears once you select the Rate Type option as Tiered and Link a Rule? option as No .



Table 3-61 (Cont.) Create Pricing Model – Price Definition (Tiered) - FieldDescription

Field	Description
Rule	Select the rule for the defined tier from the drop-down list. This field appears once you select the Rate Type option as Tiered and Link a Rule? option as Yes .

12. Click Save to save the details.

The **Pricing Model** is successfully created and can be viewed using View Pricing Model screen.

3.12.2 View Pricing Model

This topic describes the systematic instructions to view the list of pricing model.

The user can create the pricing model using the Create Pricing Model screen. The status of the uploaded model is displayed as **Unauthorized** and **Open**. Once the checker authorizes the model, the status is updated to **Authorized** and **Open**.

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

- 1. On Homescreen, click Core Maintenance, under Core Maintenance, click Credit Decision.
- 2. Under Credit Decision, click Maintenance, under Maintenance, click .Pricing, under Pricing, click View Pricing Model.

The View Pricing Model screen displays.

+ 0				
icing Code:	Pricing Code:	Pricing Code:	Pricing Code:	Pricing Code:
	PR501	NTEST2	NTEST3 :	PR510
ricing RTEST1	Pricing Flat Pricing Model	Pricing NTEST2 FLAT with Rule	Pricing NTEST3 Desc	Pricing PR510 with CDS_Grade
roduct OFLO	Product OFLO	Product OFLO	Product OFLO	Product OFLO
Unauthorized 🔓 Open 🖾 2	🕻 Authorized 🔓 Open 🖾 1	🕻 Authorized 🔓 Open 🖾 1	🗈 Authorized 🔓 Open 🖾 1	🗅 Authorized 🔓 Open 🖾 1
ricing Code:	Pricing Code:	Pricing Code:	Pricing Code:	Prixing Code:
ITEST8	NTEST1	NTEST9	NTEST4	CBSINT
ricing NTEST8 Description	Pricing NTEST1 Flat Rate	Pricing NTEST9 Desc	Pricing NTEST4 Desc	Pricing CBSINT
roduct OFLO	Product OFLO	Product OFLO	Product OFLO	Product OFLO
Authorized 🔓 Open 🖾 1	🗅 Unauthorized 🔓 Open 🖾 1	🗅 Authorized 🔒 Open 🖾 1	🗈 Authorized 🔒 Open 🖾 1	D Authorized 🔓 Open 🖾 1

Figure 3-57 View Pricing Model

 Table 3-62
 View Pricing Model – Field Description

Field	Description
Pricing Code	Displays the pricing code.
Pricing Description	Displays the description of the pricing model.

Table 3-62	(Cont.) View Pricing Model – Field Description
------------	--

Field	Description
Authorization Status	Displays the authorization status of the record. The options are: • Authorized • Rejected • Unauthorized
Record Status	Displays the status of the record. The options are: • Open • Closed
Modification Number	Displays the number of modifications performed on the record.

3. On View Pricing Model screen, click

Q

icon.

The View Pricing Model - Search screen displays.

Figure 3-58 View Pricing Model - Search

Search Filter	Х
Pricing Code	
Pricing Description	
Authorization Status	
Record Status	
Search Reset	



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

Field	Description
Pricing Code	Specify the pricing code.
Pricing Description	Specify the description of the pricing model.
Authorization Status	Select the authorization status from the drop-down list. The available options are: • Authorized • Rejected • Unauthorized
Record Status	Select the record status from the drop-down list. The available options are: • Open • Closed

 Table 3-63
 View Pricing Model - Search – Field Description

- 4. On View Pricing Model Search screen, click
 - ٠ :

icon to Unlock, Delete, Authorize or View the created pricing model.

Click **Unlock** to modify the created pricing model. 5.

The Pricing Model Maintenance - Modify screen displays.

Basic Details					
ricing Code		Pricing Description			
PR501		Flat Pricing Model			
ffective Date		Expiry Date			
September 15, 2020		November 30, 2025	Ē		
roduct Processor		Priority			
OFLO -		2			
ilter Value					
E Existing Rule O Create New Rule	Rule Name PR501 Model Rule				
Edit					
✓ Basic Info					
Code	Description	Tag		Select Existing rule	
PR501	PR501 Model Rule		-	Q	
Rule Verston					
	٩				
> Section1					
Else					
No items to display.					
Expression					
IF (ProductCode == HMLN50) Output Section1 True Else					
IF (ProductCode == HMLN50) Output Section1 True Else					
IF (ProductCode == HMLN50) Output Section1 True Else					

Figure 3-59 Pricing Model Maintenance - Modify



The fields marked as **Required** are mandatory.

Table 3-64	Pricing Model Maintenance	- Modify - Field D	Description
------------	---------------------------	--------------------	-------------

Field	Description
Pricing Code	Displays the pricing code for the created quantitative pricing model.
Pricing Description	Specify the pricing description for the created pricing model.
Effective Date	Specify the effective date for the created pricing model.
Expiry Date	Specify the expiry date for the created pricing model.
Product Processor	Displays the product processor for the created pricing model.
Priority	Specify the priority of the created pricing model.
Use Existing Rule	Specify the existing rule if linked.
Rule Code	Specify the rule code for the created pricing model.


Field	Description
6	Click this icon to get the information about the rule.
Rule Name	Displays the rule name.
Create New Rule	Specify the new rule linked to the pricing model.
Code	Specify the new rule code for the created pricing model.
Description	Specify the rule description for the created pricing model.
+ icon	Click this icon can add new expression.
Fact / Rules	Displays the fact or rule of the created pricing model.
Operator	Displays the comparison operator of the created pricing model.
Data Type	Displays the data type for the fact or rule for the created pricing model.
Output	Displays the output for the created pricing model.
Expression	Displays the expression updated in the expression builder for the created pricing model.
Pricing Definition	The below listed fields appear in Pricing Definition tab.
Minimum Rate	Specify the minimum rate applicable for the defined pricing model.
Maximum Rate	Specify the maximum rate applicable for the defined pricing model.
Rate Type	 Select the range type for the created pricing model from the drop- down list. The available options are: Flat Tiered
Rate%	Specify the interest rate application for the defined pricing.
	Note: This field appears once the user select the Rate Type option as Flat and Link a Rule? option as Yes.
Rule	Select the rule for the defined pricing.
	Note: This field appears once the user select the Rate Type option as Flat and Link a Rule? option as Yes.

Table 3-64	(Cont.) Pricing	Model Maintenance -	· Modify	- Field Description
------------	-----------------	---------------------	----------	---------------------



Field	Description
<numeric feature=""> From</numeric>	Specify the minimum numeric value of feature to which the interest rate is applicable.
	This field displays if the Rate Type is selected as Tiered .
<numeric feature=""> To</numeric>	Specify the maximum numeric value of feature to which the interest rate is applicable.
	Note: This field displays if the Rate Type is selected as Tiered .
<character feature=""> Value</character>	Specify the alphabetic value for which the interest rate is applicable.
	Note: This field displays if the Rate Type is selected as Tiered.
Rate%	Specify the interest rate applicable for the defined tier.
	Note: This field appears once you select the Rate Type option as Tiered and Link a Rule? option as No.
Rule	Select the rule for the defined tier.
	Note: This field appears once the user select the Rate Type option as Tiered and Link a Rule? option as Yes.

Table 3-64 (Cont.) Pricing Model Maintenance - Modify - Field Description

- 6. Click **Save** to update the modified fields.
- 7. Click **View** to view the created quantitative scoring model.

The Pricing Model Maintenance – View screen displays.

cing Model Maintenance				
sic Details				
ting Code		Pricing Description		
501		Flat Pricing Model		
ective Date		Expiry Date		
ptember 15, 2020		November 30, 2025		
duct Processor		Priority		
LO		2		
er Value				
Selection Criteria	Price Definition			
Existing Rule O Create New Rule				
lles				
le Code	Rule Name			
PR501	PR501 Model Rule			
Edit				
Rules				
✓ Basic Info				
Code	Description	Тад	Select Existing rule	
PR501	PR501 Model Rule		· ·	Q
Rule Version				
	Q			
> Section1				
Else				
+ *				
No items to display.				
(
Expression				
Expression				
Expression	150)			
Expression IF (ProductCode == HML) Output Section True	450)			
Expression IF (ProductCode == HML) Output Section1 True Else	450)			
Expression IF (ProductCode == HML) Output Section1 True Else	450)			

Figure 3-60 Pricing Model Maintenance - View

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

Table 3-65 Pricing Model Maintenance - View - Field Description

Field	Description
Pricing Code	Displays the pricing code for the created quantitative pricing model.
Pricing Description	Displays the pricing description for the created pricing model.
Effective Date	Displays effective date for the created pricing model.
Expiry Date	Displays date for the created pricing model.
Product Processor	Displays the product processor for the created pricing model.
Priority	Displays the priority of the created pricing model.
Use Existing Rule	Displays the existing rule if linked.
Rule Code	Displays the rule code for the created pricing model.
0	Click this icon to get the information about the rule.
Rule Name	Displays the rule name.



Field	Description
Create New Rule	Displays the new rule linked to the pricing model.
Code	Specify the new rule code for the created pricing model.
Description	Specify the rule description for the created pricing model.
+ icon	This icon can add new expression.
Fact / Rules	Displays the fact or rule of the created pricing model.
Operator	Displays the comparison operator of the created pricing model.
Data Type	Displays the data type for the fact or rule for the created pricing model.
Output	Displays the output for the created pricing model.
Expression	Displays the expression updated in the expression builder for the created pricing model.
Pricing Definition	The below fields appears in the Pricing Definition tab.
Minimum Rate	Displays the minimum rate applicable for the defined pricing model.
Maximum Rate	Displays the maximum rate applicable for the defined pricing model.
Rate Type	 Displays the range type for the created pricing model from the drop-down list. The available options are: Flat Tiered
Rate%	Displays the interest rate application for the defined pricing. Note: This field appears once the user select the Rate Type as Flat and Link a Rule? option as Yes.
Rule	Displays the rule for the defined pricing. Note: This field appears once you select the Rate Type option as Flat and Link a Rule? option as Yes.
<numeric feature=""> From</numeric>	Displays the minimum numeric value of feature to which the interest rate is applicable.
	Note: This field displays if the Rate Type is selected as Tiered.

Table 3-65	(Cont.) Pricing	Model Maintenance	- View ·	- Field Description
	(



Field	Description
<numeric feature=""> To</numeric>	Displays the maximum numeric value of feature to which the interest rate is applicable.
	Note: This field displays if the Rate Type is selected as Tiered.
<character feature=""> Value</character>	Displays the alphabetic value for which the interest rate is applicable.
	Note: This field displays if the Rate Type is selected as Tiered.
Rate%	Displays the interest rate applicable for the defined tier.
	Note: This field appears once you select the Rate Type option as Tiered and Link a Rule? option as No.
Rule	Displays the rule for the defined tier.
	Note: This field appears once you select the Rate Type option as Tiered and Link a Rule? option as Yes.

Table 3-65 (Cont.) Pricing Model Maintenance - View - Field Description

3.13 Validation Model

This topic describes the information about the Validation model.

During credit decision, system evaluates a credit score that represents the creditworthiness of an individual. Banks also do an initial evaluation by using some rules to decide whether to proceed with credit decisioning process or not. A bank can perform this evaluation by maintaining a Validation model. Multiple levels of rule can be setup in Validation model. The system will process the next step of credit decisioning only if all the rules are satisfied. If any rule fails, then system will stop the processing and decline the request.

This topic contains the following subtopics:

Create Validation Model

This topic describes the systematic instructions to create Validation model based on the various input.



View Validation Model

This topic describes the systematic instructions to view the list of configured validation model.

3.13.1 Create Validation Model

This topic describes the systematic instructions to create Validation model based on the various input.

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

- 1. On Homescreen, click Core Maintenance, under Core Maintenance, click Credit Decision.
- 2. Under Credit Decision, click Maintenance, under Maintenance, click Validation Model, under Validation Model, click Create Validation Model.

The Create Validation Model screen displays.

Figure 3-61 Create Validation Model

Create Validation Model	;; x
Basic Details	
Validation Model Code	Validation Model Description
Effective Date	Required Expiry Date
September 30, 2020	
Product Processor	Priority
Select	
Required Stop On First Error	Required
Selection Criteria Validation Model	
Use Existing Rule O Create New Rule	
Rules	
Rule Code Rule Name	
Select	
Hequired	
	Cancel Save

3. On Create Validation Model screen, specify the fields.



The fields marked as **Required** are mandatory.

Table 3-66	Create	Validation	Model -	Field	Description

Field	Description
Validation Model Code	Specify the unique Validation model code.
Validation Model Description	Specify a short description for the Validation model.
Effective Date	Specify the effective date.
Expiry Date	Specify the expiry date.



Table 3-66 (Cont.) Create Validation Model - Field Description

Field	Description
Product Processor	Specify the product processor for which the Validation model is being created.
Priority	Specify the priority of the pricing.

4. Click the Selection Criteria to define selection criteria rules.

The Create Validation Model - Selection Criteria screen displays.

Figure 3-62 Create Validation Model - Selection Criteria

c Details				
ition Model Code		Validation Model Description		
Required		Required		
ive Date		Expiry Date		
tember 30, 2020		Benulaed		
ct Processor		Priority		
ect 🔹				
Required		Required		
On First Error				
Selection Criteria Vali	dation Model			
isting Rule				
te Rule				
w				
les				
 Basic Info 				
Cale	Description	7-2	Extra Estation with	
Code	Description	rag	Select Existing rule	
Required				
Rule Version				
	Q			
Section1				
Expression Builder				
+ Add Expression				
Output				
1				
No items to display.				
Else				
10				
-				
No items to display.				
Expression				
IF				
Output				
Section1				
Lise				



Field	Description	
Use Existing Rule	By default, this option is enabled. Indicates if the existing rule is linked.	
Rule Code	Select the rule code from the drop down list.	
0	Click this icon to get the information about the rule.	
Rule Name	Displays the rule name of the rule code.	
Create New Rule	Select this option to create new rule.	
Code	Specify the rule code.	
Description	Specify the rule description.	
+ icon	Click this icon to add new expression.	
Fact / Rules	Select the fact or rule from the drop-down list. Once the user selects the fact/rules, one more field opens adjacent to the output, update the same based on the selected output option.	
Operator	Select the comparison operator from the drop-down list. The available options are: < > + = % != - >= <= * / Contains In Like Matches NotMatches NotContains NotContains 	
Data Type	 Select the data type for the fact or rule. Once the user select the data type, one more field opens adjacent to the output, update the same based on the selected output option. The available options are: Text Number Boolean Date Fact Rules The below option displays if the Data Type is selected as Boolean. True False 	

Table 3-67 Create Validation Model - Selection Criteria - Field Description



Field	Description
Output	Select the output from the drop-down list. Once the user select the data type, one more field opens adjacent to the output, update the same based on the selected output option.
	 The available options are: Text Number Boolean Date Fact Rules The below option appears if the Data Type is selected as Boolean. True False
Expression	Displays the expression updated in the expression builder.

Table 3-67 (Cont.) Create Validation Model - Selection Criteria - Field Description

5. Click the **Validation Model** to define the pricing.

The Create Validation Model – Validation Model screen displays.

Figure 3-63 Create Validation Model – Validation Model

Cre	ate Validation Model				:: ×
Ba	sic Details				
Vali	fation Model Code		Validation Model Description		
Effe	ctive Date		Expiry Date		
Se	otember 30, 2020		Required		
O	FLO		Priority		
Stop	On First Error		Required		
	•				
	Selection Criteria Valida	tion Model			
Valida	tions				
+] —				
	Rule ID	Sequence	Reason	Severity	Comments
	Select 👻		Select 👻	Select 👻	
					Cancel Save

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

Table 3-68 Create Validation Model – Validation Model - Field Description

Field	Description
+ icon	Click this icon to add a new row.
- icon	Click this icon to delete a row, which is already added.
Rule ID	Select the rule ID from the drop down list. All rules configured in the rule engine for the selected product processor are obtained.



Field	Description
0	Click this icon to get the information about the rule.
Sequence	Specify the sequence of execution of rules.
Reason	Select the reason from the drop down list.
Comments	Specify the comments.

Table 3-68 (Cont.) Create Validation Model – Validation Model - Field Description

6. Click **Save** to save the details.

The **Validation Model** is successfully created and can be viewed using the View Validation Model screen.

3.13.2 View Validation Model

This topic describes the systematic instructions to view the list of configured validation model.

The user can configure the validation model using the Create Validation Model screen. The status of the created validation model is displayed as **Unauthorized** and **Open**. Once the checker authorizes the model, the status is updated to **Authorized** and **Open**.

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

- 1. On Homescreen, click Core Maintenance, under Core Maintenance, click Credit Decision.
- 2. Under Credit Decision, click Maintenance, under Maintenance, click Validation Model, under Validation Model, click View Validation Model.

The View Validation Model screen displays.

+ 0					
alidation Model Code:	Validation Model Code:	Validation Model Code:	Validation Model Code:	Validation Model Code:	
.MC500 :	LMC501	LMC999182	LMC999183	LMC102	
alidation LM500	Validation LMC501	Validation LMC999182 Desc	Validation LMC999183 Desc	Validation Logical Model LMC102	
roduct OFLO	Product OFLO	Product OFLO	Product OFLO	Product OFLO	
Authorized 🔓 Open 🖾 1	🗘 Authorized 🔓 Open 🖾 1	🕻 Authorized 🔓 Open 🖾 1	🗈 Authorized 🔓 Open 🖾 1	🗅 Authorized 🔓 Open 🖾 1	
alidation Model Code:	Validation Model Code:	Validation Model Code:	Validation Model Code:	Validation Model Code:	
/MOPERINSTRUCTION	MOTEST2	MOTEST3	MOTESTNEW1	ENUMVAL1	
alidation Operating Instruction	Validation MOTEST2	Validation MOTEST3	Validation MOTESTNEW1	Validation ENUMVAL1	
roduct OBA	Product OFLO	Product OFLO	Product OFLO	Product OFLO	
Authorized 🔓 Open 🖾 2	🗅 Authorized 🛛 🔓 Open 🖉 1	🗅 Authorized 🛛 🔓 Open 🖉 1	🗈 Authorized 🔒 Open 🖾 1	🗈 Authorized 🔒 Open 🖾 1	

Figure 3-64 View Validation Model



Field	Description	
Validation Model Code	Displays the validation model code.	
Validation Model Description	Displays the description of the validation model.	
Product Processor Code	Displays the product processor code.	
Authorization Status	Select the authorization status from the drop-down list. The available options are: • Authorized • Rejected • Unauthorized	
Record Status	Select the record status from the drop-down list. The available options are: • Open • Closed	

Table 3-69 View Validation Model – Field Description

3. On View Validation Model screen, click

icon.

The View Validation Model - Search screen displays.

Figure 3-65 View Validation Model - Search

Search Filter	×
Validation Model Code	
Validation Model Description	
Authorization Status	•
Record Status	•
Search Reset	



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

Field	Description
Validation Model Code	Specify the validation model code.
Validation Model Description	Specify the description of the validation model.
Authorization Status	Select the authorization status from the drop-down list. The available options are: • Authorized • Rejected • Unauthorized
Record Status	Select the record status from the drop-down list. The available options are: • Open • Closed

4. On View Validation Model screen, click

:

icon to Unlock, Delete, Authorize or View the created validation model.

5. Click **Unlock** to modify the created validation model.

The Validation Model Maintenance - Modify screen displays.

induction model maintenance				
seic Dataile				
Idation Model Code		Validation Model Description		
		LMSOU		
ective Date		Expiry Date		
eptember 30, 2020		April 26, 2025		
oduct Processor		Priority		
DFLO 👻		2		
p On First Error				
D				
Selection Criteria Valida	tion Model			
Selection Criteria				
Existing Rule O Create New Rule				
iles				
le Code	Rule Name			
QASMHL100Rule • 0	QASMHL100 Description			
Edit				
Rules				
✓ Basic Info				
Code	Description	Tag		Select Existing rule
QASMHL100Rule	QASMHL100 Description		-	Q
Rule Version				
	Q			
> Section1				
Else				
+ :				
No items to display.				
No items to display.				
No items to display.				
No items to display.				
No items to display.				
No items to display. Expression IF (ProductCode == QASMHL100)				
No terms to display. Expression ((ProductCode == QASMHL100) Output Couput C				
No items to display. Expression IF (ProductCode == QASMHL100) Output Section true Else				
No items to display. Expression (ProductCode == QASMHL100) Output Section1 true Else				
No items to display. Expression IF (ProductCode == QASMHL100) Output Section1 true Else				
No items to display. Expression IF (ProductCode == QASMHL100) Output Section1 true Else				

Figure 3-66 Validation Model Maintenance - Modify



Table 3-71	Validation Model Maintenance -	· Modify	- Field	Descrip	otion
------------	--------------------------------	----------	---------	---------	-------

Field	Description
Validation Model Code	Displays the created validation model code.
Validation Model Description	The user can modify the description for the created validation model.
Effective Date	The user can modify effective date for the created validation model.
Expiry Date	The user can modify expiry date for the created validation model.
Product Processor	Displays the product processor for the created validation model.
Priority	The user can modify the priority of the created validation model.



Field	Description
Use Existing Rule	The user can modify the existing rule if linked.
Rule Code	The user can modify the rule code for the created validation model.
0	Click this icon to get the information about the rule.
Rule Name	Displays the rule name.
Create New Rule	The user can modify the new rule linked to the validation model.
Code	Specify the new rule code for the created validation model.
Description	Specify the rule description for the created validation model.
+ icon	This icon can add new expression.
Fact / Rules	Displays the fact or rule of the created validation model.
Operator	Displays the comparison operator of the created validation model.
Data Type	Displays the data type for the fact or rule for the created validation model.
Output	Displays the output for the created validation model.
Expression	Displays the expression updated in the expression builder for the created validation model.
Rule ID	The user can modify the rule ID of the created validation model.
0	Click this icon to get the information about the rule.
Sequence	Displays the sequence of the created validation model.
Reason	The user can modify the reason of the created validation model.
Comments	The user can modify the comments of the created validation model.

Table 3-71 (Cont.) Validation Model Maintenance - Modify - Field Description

- 6. Click **Save** to update the modified fields.
- 7. Click **View** to view the created validation model.

The Validation Model Maintenance – View screen displays.

lidation Model Maintenance					
asic Details					
alidation Model Code		Validation Model Description			
MC500		LM500			
fection Date		Evalue Data			
antember 30, 2020		April 26, 2025			
adust Prosessor		Points			
		2			
en De Einst Europ		£			
n					
Selection Criteria Va	alidation Model				
Existing Rule O Create New Rule					
ulor					
ules ale Code	Rule Name				
OASMHL100Rule 0	OASMHL100 Description				
Edit					
Rules					
✓ Basic Info					
C-t-	Description	T		Calast Estation role	
	OASMUI 100 Description	Tag	-	Select Existing rule	
Rule Version				~	
	Q				
> Section1					
Else					
+ =					
No items to display					
no terris to displayi					
the terms to display.					
Expression					
Expression					
Expression					
Expression F (ProductCode == QASMHL100 Control))				
Expression (F (ProductCode == QASMHL100 Cutput Section 1 true))				
Expression (ProductCode == QASMHL100 Cutpd Section 1 true Else))				
Expression (F (ProductCode == QASMHL100 Catput Section1 true Else))				

Figure 3-67 Validation Model Maintenance - View

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

Table 3-72 Validation Model Maintenance - View - Field Description

Field	Description
Validation Model Code	Displays the created validation model code.
Validation Model Description	Displays the description for the created validation model.
Effective Date	Displays the effective date for the created validation model.
Expiry Date	Displays the expiry date for the created validation model.
Product Processor	Displays the product processor for the created validation model.
Priority	Displays the priority of the created validation model.
Use Existing Rule	Displays the existing rule if linked.
Rule Code	Displays the rule code for the created validation model.

E a lal	Description
Field	Description
	Click this icon to get the information about the rule.
0	
Rule Name	Displays the rule name.
Create New Rule	Displays the new rule linked to the validation model.
Code	Displays the new rule code for the created validation model.
Description	Displays the rule description for the created validation model.
+ icon	This icon can add new expression.
Fact / Rules	Displays the fact or rule of the created validation model.
Operator	Displays the comparison operator of the created validation model.
Data Type	Displays the data type for the fact or rule for the created validation model.
Output	Displays the output for the created validation model.
Expression	Displays the expression updated in the expression builder for the created validation model.
Rule ID	Displays the rule ID of the created validation model.
0	Click this icon to get the information about the rule.
Sequence	Displays the sequence of the created validation model.
Reason	Displays the reason of the created validation model.
Comments	Displays the comments of the created validation model.

Table 3-72 (Cont.) Validation Model Maintenance - View - Field Description

3.14 Qualitative Scoring Model

This topic describes the information about the Qualitative scoring model for the Decision service.

Financial institution use different models for different product or use case. The qualitative scoring model used for home loan would be different then the personal loan. Banks usually grant loan based on a credit scoring model that combines quantitative and qualitative analysis.

This topic contains the following subtopics:

Create Qualitative Scoring Model

This topic describes the systematic instructions to configure the qualitative scoring model based on the various scoring parameters.

 View Qualitative Scoring Model This topic describes the systematic instructions to view the list of configured qualitative scoring model.



3.14.1 Create Qualitative Scoring Model

This topic describes the systematic instructions to configure the qualitative scoring model based on the various scoring parameters.

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

- 1. On Homescreen, click Core Maintenance, under Core Maintenance, click Credit Decision.
- 2. Under Credit Decision, click Maintenance, under Maintenance, click Qualitative Scoring, under Qualitative Scoring Model, click Qualitative Scoring Model.

The Create Qualitative Scoring Model screen displays.

Figure 3-68 Create Qualitative Scoring Model

reate Qualitative Scoring Model		
Basic Details		
coring Model		
Select 👻		
Required		
alitative Scoring Model Code	Qualitative Scoring Model Description	
ective Date	Required	
eptember 30, 2020	m	
	Required	
duct Processor	Priority	
elect 👻		
Required	Required	
		Cancel

3. On Create Qualitative Scoring Model screen, specify the fields.



Table 3-73 Create Qualitative Scoring Model - Field Description

Field	Description
Scoring Model	Select the scoring model from the drop-sown list. The available options are: • Application Scoring Model • Applicant Scoring Model
Qualitative Scoring Model Code	Specify the unique scoring model code.
Qualitative Scoring Model Description	Specify a short description for the scoring model.



Field	Description
Effective Date	Specify the effective date.
Expiry Date	Specify the expiry date.
Product Processor	Specify the product processor for which the model is being created.
Priority	Specify the priority of the model.

Table 3-73 (Cont.) Create Qualitative Scoring Model - Field Description

4. Click the Selection Criteria to define qualitative scoring model.

The Create Qualitative Scoring Model - Selection Criteria screen displays.

Figure 3-69 Create Qualitative Scoring Model - Selection Criteria

ic Details				
ng Model				
plication Scoring Model				
tative Scoring Model Code		Qualitative Scoring Model Description		
tive Date		Expiry Date		
tember 30, 2020 🛗				
		Required		
act Processor		Priority		
Required		Required		
Selection Criteria So	oring Rule			
risting Rule				
0				
ate Rule				
lles				
✓ Basic Info				
Code	Description	Tag		Select Existing rule
			Ψ	Q
Required				
Rule Version				
	4			
✓ Section1				
Encoder B. Hiller				
Expression Builder				
+ Add Expression				
Output				
output				
+ =				
No items to display.				
Flse				
+ =				
No items to display.				
No items to display.				
No items to display.				
No items to display.				
No items to display.				
No items to display. Expression F Output				
No items to display. Expression IF Output Escentian Esce				
No items to display. Expression IF Output Section1 Else				



Field	Description
Use Existing Rule	By default, this option is enabled. Indicates if the existing rule is linked.
Rule Code	Select the rule code from the drop down list.
	Click this icon to get the information about the rule.
0	
Rule Name	Displays the rule name of the rule code.
Create New Rule	Select this option to create new rule.
Code	Specify the rule code.
Description	Specify the rule description.
+ icon	Click this icon to add new expression.
Fact / Rules	Select the fact or rule from the drop-down list.
	Once the user selects the fact/rules, one more field opens adjacent to the output, update the same based on the selected output option.
Operator	Select the comparison operator from the drop-down list. The available options are:
	• <
	• >
	• +
	• =
	• %
	· · ·
	• <=
	• *
	• 1
	Contains
	• In
	Matches
	NotMatches
	Notiontains
Data Tuna	Calcot the date type for the fact or rule
	Once the user select the data type, one more field opens adjacent to the
	output, update the same based on the selected output option.
	The available options are:
	• Text
	Number Declare
	• Fact
	Rules
	The below option appears if the Data Type is selected as Boolean .
	• True
	False

Table 3-74 Create Qualitative Scoring Model - Selection Criteria - Field Description



Field	Description
Output	Select the output from the drop-down list. Once the user select the data type, one more field opens adjacent to the output, update the same based on the selected output option.
	The available options are: Text Number Boolean Date Fact
	 Rules The below option appears if the Data Type is selected as Boolean. True False
Expression	Displays the expression updated in the expression builder.

Table 3-74 (Cont.) Create Qualitative Scoring Model - Selection Criteria - FieldDescription

5. Click the **Scoring Rule** to define the rules. This tab is enabled if **Application Scoring Model** is selected.

The Create Qualitative Scoring Model - Scoring Rule screen displays.

Figure 3-70 Create Qualitative Scoring Model - Scoring Rule

Create Qualitative Scoring Model		;:×
Basic Details Scoring Model		
Application Scoring Model	Qualitative Scoring Model Description	
Effective Date	Expiry Date	
September 30, 2020		
Product Processor	Priority	
Select		
Selection Criteria Scoring Rule		
Score		
Rule Code Rule Name		
Select Required		
		Cancel Save

Table 3-75 Create Qualitative Scoring Model - Scoring Rule - Field Description

Field	Description
Rule Code	Select the rule code from the drop-down list.

Field	Description
0	Click this icon to get the information about the rule.
Rule Name	Displays the rule name of the rule code.

Table 3-75 (Cont.) Create Qualitative Scoring Model - Scoring Rule - FieldDescription

6. Click the **Questionnaire** tab to define the scoring model based on the various questionnaires. This tab is enabled if **Applicant Scoring Model** is selected.

The Create Qualitative Scoring Model - Questionnaire screen displays.



reate Qualitative Scoring Mod	əl				i
Basic Details					
icoring Model					
Applicant Scoring Model					
Jualitative Scoring Model Code		Qualitative Scoring Model Des	scription		
Required			Required		
fective Date		Expiry Date	(tit)		
eptember 50, 2020			Required		
roduct Processor		Priority			
OFLO •					
			Required		
Required QuestionnaireSet3		Qualitative Score Creatio	n Questionr		
ring Feature QuestionnaireSet3					
uestion ID	Question		Define Range/Value	Enable	
geOfResidence	Number of years the applicant staying at pre-	sent address	Define		
			Define		
rpeOfResident	Applicant Resident Type				
ypeOfResident mploymentDuration	Applicant Resident Type How many years in current employment		Define		
TypeOfResident EmploymentDuration	Applicant Resident Type How many years in current employment Number of dependent		Define		

Table 3-76	Create Qualitative Scoring Model	- Questionnaire - Field Description
------------	----------------------------------	-------------------------------------

Field	Description
Questionnaire Code	Select the questionnaire code from the drop-down list. It will list down all the questionnaire created as a part of create questionnaire.
Questionnaire Name	Displays the questionnaire name of the selected questionnaire code.
Question ID	Displays the question ID in the questionnaire.
Question	Displays the question description linked to the question ID.



Table 3-76 (Cont.) Create Qualitative Scoring Model - Questionnaire - Field Description

Field	Description
Define Range/ Value	Click the Define link to define the score for the expected response.
Enable	By default, this option is enabled. Indicates if the question ID is enabled or not.

7. Click the **Define** link to define a range or absolute values for questions.

The Create Qualitative Scoring Model - Define Link screen displays.



eate Qualitative Scoring Mo	del					
sic Details						
ring Model						
pplicant Scoring Model						
litative Scoring Model Code		Qualitative Scoring M	lodel Description			
Required			Required			
tive Date		Expiry Date				
otember 30, 2020			Required			
luct Processor		Priority				
FLO 🔻						
			Required			
Selection Criteria	Questionnaire	Questionnaire Name				
quired		Qualitative Score	Creation Questionr			
uestionnaireSet3						
ng Feature QuestionnaireSet3						
Ing Feature QuestionnaireSet3	Question Number of years the a	poplicant staving at present address	Define Range/Value		Enable	
sestionnaireSet3 stem ID OffResidence OffResident	Question Number of years the a Applicant Resident Ty	upplicant staying at present address	Define Range/Value Define Define		Enable	
In the second se	Question Number of years the a Applicant Resident Tyr How many years in cu	ipplicant staying at present address pe rrent employment	Define Range/Value Define Define Define Define Define Define		Enable	
Ing Feature QuestionnaireSet5 Ing Feature QuestionnaireSet5 Ition ID OfResidence OfResident AsymentDuration IDependent	Question Question Number of years the a Applicant Resident Ty How many years in cu Number of dependent	pplicant staying at present address pe rrent employment	Define Range/Value Define Define Define Define Define Define Define		Eable	
In the second se	Question Number of years the a Applicant Resident Typ How many years in cu Number of dependent	pplicant staying at present address pe rrent employment :	Define Range/Value Define Define Define Define Define Define Define		Enable	
g Feature QuestionnaireSet3 g Feature QuestionnaireSet3 teen ID OfResidence OfResident loymentDuration fDependent ge/Value Definition - AgeOfResiden	Question Number of years the a Applicant Resident Typ How many years in cu Number of dependent	pplicant staying at present address pe rrent employment	Define Range/Value Define Define Define Define Define Define		Eable	
In the second se	Question Number of years the a Applicant Resident Ty How many years in cu Number of dependent	pplicant staying at present address pe rrent employment : :	Define Range/Value Define	Category	Enable	
sextionnaireSet3 sey Feature QuestionnaireSet3 sextin t0 OfResidence conference conferen	Question Number of years the a Applicant Resident Ty How many years in cu Number of dependent	pplicant staying at present address pe rrent employment	Define Range/Value Define Cange/Value Define Define Define Define Define	Category Select	Enable	
ses than 2 year	Question Number of years the a Applicant Resident Ty How many years in cu Number of dependent	pplicant staying at present address pe rrent employment Score	Define Range/Value Define Cange/Value Define Define Define Define	Category Select Select		
In the set of the set	Question Number of years the a Applicant Resident Tyr How many years in cu Number of dependent	pplicant staying at present address pe rrent employment : Score Score	Define Range/Value Define Defi	Category Select Select Select	Include Inc	
vestionnaireSet3 rg Feature QuestionnaireSet3 asion t0 OfResidence eotResident aloymentDuration MDependent Aue Less than 1 year Less than 2 year Less than 2 year Less than 5 years Wore than 5 years	Question Number of years the a Applicant Resident Tyr How many years in cu Number of dependent	pplicant staying at present address pe rrent employment : Score	Define Range/Value Define Define Define Define	Category Select Select Select Select	Include Inc	
In the second se	Question Number of years the a Applicant Resident Tyr How many years in cu Number of dependent	pplicant staying at present address pe rent employment s Score	Define Range/Value Define Defi	Category Select Select Select Select Select Select		

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

Field	Description
Value	Displays the options available for a questionnaire.
Score	Specify the score to be assigned to each value.



Table 3-77 (Cont.) Create Qualitative Scoring Model - Define Link – Numeric Feature - Field Description

Field	Description
Category	 Specify the category for each range or value from the drop-down list. The values are configurable based on the lookup values maintained. The available options are: Strong Medium Weak

- 8. Click **Done** to save the data and close the range panel.
- 9. Click **Save** to save the details.

The **Qualitative Scoring Model** is successfully created and can be viewed using the View Qualitative Scoring Model screen.

3.14.2 View Qualitative Scoring Model

This topic describes the systematic instructions to view the list of configured qualitative scoring model.

The user can configure the qualitative scoring model using the **Create Qualitative Scoring Model** screen. The status of the uploaded model is displayed as **Unauthorized** and **Open**. Once the checker authorizes the model, the status is updated to **Authorized** and **Open**.

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

- 1. On Homescreen, click Core Maintenance, under Core Maintenance, click Credit Decision.
- 2. Under Credit Decision, click Maintenance, under Maintenance, click Qualitative Scoring, under Qualitative Scoring Model, click View Qualitative Scoring Model.

The View Qualitative Scoring Model screen displays.

+ 0					
coring Model Code:	Scaring Model Code:	Scoring Model Code:	Scoring Model Code:	Scoring Model Code:	
APPLQAL502	APCN310	APPLQAL714	APPQAL502	QLAPPL100	
coring Mode Qualitative scoring	Scoring Mode Qualitative scoring	Scoring Mode Qualitative scoring	Scoring Mode APPQAL502	Scoring Mode Qualitative scoring	
roduct OFLO	Product OFLO	Product OFLO	Product OFLO	Product OFLO	
Authorized 🔓 Open 🖾 1	D Authorized 🔓 Open 🖾 1	🗅 Authorized 🔓 Open 🖾 1	D Authorized	🗈 Authorized 🔓 Open 🖾 1	
coring Model Code:	Scaring Model Code:	Scoring Model Code:	Scoring Model Code:	Scoring Model Code:	
PCT311	QLAPP100	APPL507	QSMBSAPPL2	APPQL702	
coring Mode Qualitative scoring	Scoring Mode Qualitative Scoring	Scoring Mode APPL507	Scoring Mode Qualitative scoring	Scoring Mode APPQL702	
roduct OFLO	Product OFLO	Product OFLO	Product OFLO	Product OFLO	
Authorized & Open	🗈 Authorized 🔓 Open 🖾 1	D Authorized 🔓 Open 🖾 1	D Authorized 🔓 Open 🖾 1	🗈 Authorized 🔓 Open 🖾 1	

Figure 3-73 View Qualitative Scoring Model

Field	Description
Scoring Model Code	Displays the scoring model code.
Scoring Model Description	Displays the description of the scoring model.
Product Processor Code	Displays the product processor code
Authorization Status	Displays the authorization status of the record. The options are: • Authorized • Rejected • Unauthorized
Record Status	Displays the status of the record. The options are: • Open • Closed
Modification Number	Displays the number of modification performed on the record.

Table 3-78 View Qualitative Scoring Model – Field Description

3. On View Qualitative Scoring Model screen, click

Q

icon.

The View Qualitative Scoring Model - Search screen displays.

Figure 3-74 View Qualitative Scoring Model - Search

Search Filter	×
Scoring Model Code	_
Scoring Model Description	
Authorization Status	
	•
Record Status	
	•
Search Reset	



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

Field	Description
Scoring Model Code	Specify the scoring model code.
Scoring Model Description	Specify the description of the scoring model.
Authorization Status	Select the authorization status from the drop-down list. The available options are: • Authorized • Rejected • Unauthorized
Record Status	Select the record status from the drop-down list. The available options are: Open Closed

 Table 3-79
 View Qualitative Scoring Model - Search – Field Description

- 4. On View Qualitative Scoring Model screen, click
 - •
 - •

icon to **Unlock**, **Delete**, **Authorize**, or **View** the created qualitative scoring model.

5. Click **Unlock** to modify the created qualitative scoring model.

The Qualitative Scoring Model Maintenance - Modify screen displays.

antative scoring model Mainte					
sic Details					
ring Model					
nnlication Scoring Model					
litative Scoring Model Code		Qualitative Scoring Model Des	cription		
PPI OAL 502		Qualitative scoring mode	LAPPLOAL!		
ctive Date		Expiry Date			
ntember 30. 2020		October 31, 2025	iii iii		
duct Processor		Priority			
ELO -		10			
les 2 Code PPL502	Rule Name APPL502				
Edu					
COR					
ules					
✓ Basic Info					
Code	Description	Tag		Select Existing rule	
APPL502	APPL502		-	۹	
Rule Version					
1	Q				
> Section1					
Else					
+ 1					
No items to display.					
Expression					
(ProductCode == HMLNE1)					
IF (ProductCode == HMLN51) Output					
IF (ProductCode == HMLN51) Output Section1 True Else					
IF (ProductCode == HMLN51) Output Section1 True Else					
IF (ProductCode == HMLN51) Output Section1 True Else					

Figure 3-75 Qualitative Scoring Model Maintenance - Modify

Note:

The fields marked as **Required** are mandatory.

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

Field	Description
Scoring Model	Displays the scoring model for the created qualitative scoring model.
Qualitative Scoring Model Code	Displays the qualitative scoring model code for the created qualitative scoring model.
Qualitative Scoring Model Description	The user can modify the qualitative scoring model description for the created qualitative scoring model.
Effective Date	Displays the effective date of the created qualitative scoring model. User can modify the same before authorization.
Expiry Date	Displays the expiry date of the created qualitative scoring model. User can modify the same before authorization.

 Table 3-80
 Qualitative Scoring Model Maintenance - Modify - Field Description



Field	Description
Product Processor	Displays the product processor for the created qualitative scoring model.
Priority	The user can modify the priority of the created qualitative scoring model.
Use Existing Rule	User can modify the existing rule if linked.
Rule Code	Displays the rule code for the created qualitative scoring model.
0	Click this icon to get the information about the rule.
Rule Name	Displays the rule name of the rule code for the created qualitative scoring model.
Code	Displays the rule code.
Description	Displays the rule description.
+ icon	Click this icon to add new expression.
Fact / Rules	Displays the fact or rule of the created qualitative scoring model.
Operator	Displays the comparison operator of the created qualitative scoring model.
Data Type	Displays the data type for the fact or rule for the created qualitative scoring model.
Output	Displays the output for the created qualitative scoring model.
Expression	Displays the expression updated in the expression builder for the created qualitative scoring model.
Rule Code	User can modify the rule code for the created qualitative scoring model.
Rule Name	Displays the name for the created qualitative scoring model.
Questionnaire	This tab is applicable for Applicant Scoring Model.
Questionnaire Code	User can modify the questionnaire code for the created qualitative scoring model.
Questionnaire Name	Displays the questionnaire name for the created qualitative scoring model.
Question ID	Displays the question ID for the created qualitative scoring model.
Question	Displays the question for the created qualitative scoring model.
Define Range/Value	User can modify the defined range or value.
Value	Displays the defined value for the created qualitative scoring model.
Score	User can modify the score for the created qualitative scoring model.
Category	User can modify the category for the created qualitative scoring model.
Enable	Displays if the question ID is enabled or not.

Table 3-80(Cont.) Qualitative Scoring Model Maintenance - Modify - FieldDescription

6. Click **Save** to update the modified fields.

7. Click **View** to view the created qualitative scoring model.

The **Qualitative Scoring Model Maintenance – View** screen displays.

asic Details						
oring Model						
volication Scoring Model						
alterta Casta Madel Cada			a direction fronting Marchal Department			
anitative scoring Model Code		·	uaitative scoring model Description			
PPLQAL502		L. L	ualitative scoring model APPLQAL502			
fective Date		E	xpiry Date			
ptember 30, 2020		C	Ictober 31, 2025			
oduct Processor		p	riority			
FLO		1	0			
Selection Criteria	Scoring Rule					
ules						
ile Code	Rule Name					
APPL502 0	APPL502					
Edit						
Rules						
✓ Basic Info						
Code	Descript	on	Тад		Select Existing rule	
APPL502	APPL			-	Q	
Rule Version						
	Q					
> Section1						
> Section1 Else						
> Section1						
> Section1						
> Section1						
> Section1 Else No items to display.						
> Section1 Else No items to display.						
Section1 Else Ao terms to display. Expression						
> Section1 Else No terms to display. Expression						
Section1 Else with the sector of the sector						
> Section1 Else • • • • •						
> Section1 Else Image: section in the section is a section in the section is a section in the section in the section is a section in the section in the section is a section in the section in the section is a section in the section is a section in the section is a section in the section in the section is a section in the section is a section in the section is a section in the section in the section is a section in the section is a section in the section in the section is a section in the section in the section is a section in the section in the section is a section in the section in the section is a section in the section in the section in the section is a section in the section in the section is a section in the section in the section is a section in the section in the section in the section is a section in the section in the section in the section is a section in the section in the section in the section is a section in the section in the section in the section is a section in the section in the section in the section is a section in the						
> Section1 Else Image: section 1 Expression if (ProductCode == HMLN51) Section 1 True Else						
 Section1 Else No items to display. Expression (ProductCode == HMLN51) Output Else 						

Figure 3-76 Qualitative Scoring Model Maintenance – View

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

Table 3-81 Qualitative Scoring Model Maintenance - View - Field Description

Field	Description
Scoring Model	Displays the scoring model for the created qualitative scoring model.
Qualitative Scoring Model Code	Displays the qualitative scoring model code for the created qualitative scoring model.
Qualitative Scoring Model Description	Displays the qualitative scoring model description for the created qualitative scoring model.
Effective Date	Displays the effective date of the created qualitative scoring model. User can modify the same before authorization.
Expiry Date	Displays the expiry date of the created qualitative scoring model. User can modify the same before authorization.
Product Processor	Displays the product processor for the created qualitative scoring model.
Priority	The user can modify the priority of the created qualitative scoring model.
Use Existing Rule	Displays the existing rule if linked.



Field	Description
Rule Code	Displays the rule code for the created qualitative scoring model.
0	Click this icon to get the information about the rule.
Rule Name	Displays the rule name of the rule code for the created qualitative scoring model.
Code	Displays the rule code.
Description	Displays the rule description.
+ icon	Click this icon to add new expression.
Fact / Rules	Displays the fact or rule of the created qualitative scoring model.
Operator	Displays the comparison operator of the created qualitative scoring model.
Data Type	Displays the data type for the fact or rule for the created qualitative scoring model.
Output	Displays the output for the created qualitative scoring model.
Expression	Displays the expression updated in the expression builder for the created qualitative scoring model.
Rule Code	Displays the rule code for the created qualitative scoring model.
Rule Name	Displays the name for the created qualitative scoring model.
Questionnaire	This tab is applicable for Applicant Scoring Model.
Questionnaire Code	Displays the questionnaire code for the created qualitative scoring model.
Questionnaire Name	Displays the questionnaire name for the created qualitative scoring model.
Question ID	Displays the question ID for the created qualitative scoring model.
Question	Displays the question for the created qualitative scoring model.
Define Range/Value	Displays the defined range or value.
Value	Displays the defined value for the created qualitative scoring model.
Score	Displays the score for the created qualitative scoring model.
Category	Displays the category for the created qualitative scoring model.
Enable	Displays if the question ID is enabled or not.

Table 3-81 (Cont.) Qualitative Scoring Model Maintenance - View - Field Description

3.15 Questionnaire

This topic describes the information about the questionnaire used for credit analysis.

Credit analysis includes analysis of more information and data. Considering that, some of them have quantitative character and others qualitative, credit analysis are viewed from two aspects such as:

Quantitative analysis involves, an assessment of the financial position based on the customer's income and monthly expenses. It may also include a cash flow analysis of the customer's accounts and credit history.

While qualitative assessment, among others takes into account marital status, education or employment form.



Banks usually grant loan based on a credit scoring model that combines quantitative and qualitative analysis.

This topic contains the following subtopics:

- Create Questionnaire This topic describes the systematic instructions to configure the qualitative questionnaire based on the various parameters.
- View Questionnaire This topic describes the systematic instructions to view the list of configured questionnaire.

3.15.1 Create Questionnaire

This topic describes the systematic instructions to configure the qualitative questionnaire based on the various parameters.

This questionnaire can be further linked to define qualitative scoring model.

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

- 1. On Homescreen, click Core Maintenance, under Core Maintenance, click Credit Decision.
- 2. Under Credit Decision, click Maintenance, under Maintenance, click Questionnaire, under Questionnaire, click Create Questionnaire.

The Create Questionnaire screen displays.

Figure 3-77 Create Questionnaire

Create Questionnaire		;; ×
Basic Details		
Questionnaire Code	Ouestionnaire Description	
Required	Regures	
Product Processor Select Regulard	Chegory	
Creste 💌		
		Preview
Add Question		
		Court Ser

3. On Create Questionnaire screen, specify the fields.



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

Table 3-82 Create Questionnaire - Field Description

Field	Description
Questionnaire Code	Specify the questionnaire code.



Field	Description
Questionnaire Description	Specify a short description for the questionnaire.
Product Processor	Specify the product processor for which the questionnaire is being created.
Category	Specify the category of the questionnaire.
Create	Click Create to configure the questions.
Question Code	Specify the unique question code.
Question Description	Specify the description for the question.
Select-Type	Select the type of response option from the drop-down list. The available options are: Single Select Multi Select Input Date
Select Sub-Type	Select the sub-type from the drop-down list. The available options are: • Yes/No • Check box • Rapid Button • Drop down
Short Name	Specify the short name of the question. This will be displayed in the Execution Summary.
Answer Code	Displays the answer code.
Answer Option	Specify all the expected response for the question configured.
Add	Click Add to add the expected response to the question.
Update	Click Update to edit the response.
Remove	Click remove to remove the response.
Required	By default, this option is enabled. Indicates whether the question is mandatory or optional.
Done	Click Done to save the data.
Preview	Click Preview to view the questions configured for the questionnaire along with the response choice.
4	Click this icon to view the responses configured for the questionnaire.
	Click this icon to move the position of the questions.
÷	Click this icon to expand, copy or remove question.

Table 3-82 (Cont.) Create Questionnaire - Field Description



Field		Description
G	Сору	Click this icon to copy the question.
〕	Remove	Question Click this icon to remove the question.
Add Q	uestion	By Clicking Add Question, the user can add another question.

Table 3-82 (Cont.) Create Questionnaire - Field Description

4. Click **Save** to save the details.

The **Questionnaire** is successfully created and can be viewed using View Questionnaire screen.

3.15.2 View Questionnaire

This topic describes the systematic instructions to view the list of configured questionnaire.

The user can create the questionnaire using the Create Questionnaire screen. The status of the created questionnaire is displayed as **Unauthorized** and **Open**. Once the checker authorizes the questionnaire, the status is updated to **Authorized** and **Open**.

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

- 1. On Homescreen, click Core Maintenance, under Core Maintenance, click Credit Decision.
- 2. Under Credit Decision, click Maintenance, under Maintenance, click Questionnaire, under Questionnaire, click View Questionnaire.

The View Questionnaire screen displays.

)					E
Questionnaire Code: TEST3	Questionnaire Code: QCode20230105170184	Questionnaire Code: QuestionnaireSet3	Questionnaire Code: QNRCMC20230110100188	Questionnaire Code: QNRCMC20230105170170	Questionnaire Code: QR20230106140161
Description TEST3 Product OFLO	Description description#1672918524 Product CMC	Description Qualitative Score Product OFLO	Description QNRCMC2023011010018 Product CMC	Description QNRCMC2023010517017 Product CMC	Description Qualitative Score Product OFLO
🔁 Authorized 🔒 Open 🔯 2	🗅 Authorized 🔓 Open 🖾 4	🗅 Authorized 🔒 Open 🔯 1	C Authorized Aclosed 2 2	C Authorized Authorized 2 2	🗅 Authorized 🔒 Open 🖾
Questionnaire Code: QNRCMC20221205131288	Questionnaire Code: QNRCMC20230109140136	Questionnaire Code: QR20221201151224	Questionnaire Code: QR20221214141240		
Description QNRCMC2022120513128 Product CMC	Description QNRCMC202301091401: Product CMC	Description Qualitative Score Product OFLO	Description Qualitative Score Product OFLO		
Chauthorized A Closed 2 2	🔁 Authorized 🔒 Closed 🖉 2	🔁 Authorized 🔓 Open 🔯 4	🗈 Authorized 🔓 Open 🕅 4		

Figure 3-78 View Questionnaire



Field	Description
Questionnaire Code	Displays the questionnaire code.
Questionnaire Description	Displays the description of the questionnaire.
Product Processor Code	Displays the product processor code for which the questionnaire is created.
Authorization Status	Displays the authorization status of the record. The options are: • Authorized • Rejected • Unauthorized
Record Status	Displays the status of the record. The options are: • Open • Closed
Modification Number	Displays the number of modification performed on the record.

Table 3-83 View Questionnaire – Field Description

3. On View Questionnaire screen, click

Q

icon.

The View Questionnaire - Search screen displays.

Search Filter	Х
Questionnaire Code	
Description	
Authorization Status	
Record Status	
Search Reset	

Figure 3-79 View Questionnaire - Search

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

Table 3-84 View Questionnaire - Search – Field Description

Field	Description	
Questionnaire Code	Specify the questionnaire code.	
Questionnaire Description	Specify the questionnaire description.	
Authorization Status	 Select the authorization status from the drop-down list. The available options are: Authorized Rejected Unauthorized 	
Record Status	Select the record status from the drop-down list. The available options are: • Open • Closed	

4. On View Questionnaire screen, click

- :
- ٠

icon to Unlock, Delete, Authorize or View the created questionnaire.



5. Click **Unlock** to modify the created questionnaire.

The Questionnaire Maintenance - Modify screen displays.

Questionnaire Maintenance		15 X
Basic Details		
Questionnaire Code	Questionnaire Description	
TEST3	TEST3	
Product Processor	Category	
OFLO 👻	A	
		Preview
(; Q1 Q1		. ·
[] YI YI		і • ш
[] Q22 Q22		i • •
[] Q33 Q33		i • ==
Add Question		
Audt		Cancel Save

Figure 3-80 Questionnaire Maintenance - Modify

Note: The fields marked as Required are mandatory.

Table 3-85	Questionnaire Maintenance	 Modify 	- Field Description
------------	---------------------------	----------------------------	---------------------

Field	Description
Questionnaire Code	Displays the questionnaire code.
Questionnaire Description	The user can modify the questionnaire description.
Product Processor	Displays the product processor for the created questionnaire.
Category	The user can modify the category of the created questionnaire.
Preview	Click Preview to display the questions configured for the questionnaire along with the response choice.
·	Click this icon to expand copy or remove question.
	Click this icon to move the position of the questions.
	Click this icon to see the question details.
Question Code	Displays the question code for the created questionnaire.



Field	Description
Question Description	The user can modify the question code for the created questionnaire.
Select-Type	Displays the type of questionnaire.
Short Name	User can modify the short name of the created questionnaire.
Answer Code	Displays the answer code.
Answer Option	User can modify all the expected response for the question configured.
Required	User can modify if the question is mandatory or optional.

Table 3-85 (Cont.) Questionnaire Maintenance - Modify - Field Description

6. Click Save to update the modified fields.

7. Click **View** to view the created logical model.

The Questionnaire Maintenance – View screen displays.

Figure 3-81 Questionnaire Maintenance – View



Table 3-86	Questionnaire Maintenance -	 View - Field Description 	n
------------	-----------------------------	--	---

Field	Description
Questionnaire Code	Displays the questionnaire code.
Questionnaire Description	Displays the questionnaire description.
Product Processor	Displays the product processor for the created questionnaire.
Category	Displays the category of the created questionnaire.
Preview	Click Preview to display the questions configured for the questionnaire along with the response choice.
Question Code	Displays the question code for the created questionnaire.
Question Description	Displays the question code for the created questionnaire.
Select Type	Displays the type of questionnaire.
Short Name	Displays the short name of the created questionnaire.
Answer Code	Displays the answer code.
Answer Option	Displays all the expected response for the question configured.


Table 3-86 (Cont.) Questionnaire Maintenance - View - Field Description

Field	Description
Required	Displays if the question is mandatory or optional.

3.16 Counter

This topic describes the information about the counter feature.

In many scenarios, charges are levied based on the number of transactions like ATM Transaction, Branch Cash Withdrawal etc. System should be able to give charge benefit based on the count of transaction.

To support the charge based on count, PDS will be enhanced where the Count of transaction will be maintained for an event which later can be used to give relationship pricing.

This topic contains the following subtopics:

Create Counter

This topic describes the systematic instructions to create counter by updating various details.

 View Counter This topic describes the systematic instructions to view the counter.

3.16.1 Create Counter

This topic describes the systematic instructions to create counter by updating various details.

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

- 1. On Homescreen, click Core Maintenance, under Core Maintenance, click Credit Decision.
- 2. Under Credit Decision, click Maintenance, under Maintenance, click Counter, under Counter, click Create Counter.

The Create Counter screen displays.

ate counter								
ic Details								
Counter Code			Counter Desc	ription				
unterhardcoding			counterha	ardcoding				
luct Processor			Event ID					
FLO	•		DD_Branc	h_Cash_Withdi Q				
			Expiry Date					
ctive Date								
ttive Date	iii)			Requ	lired			
trive Date tember 30, 2020 temping + -				E Req.	ired			
thive Date termber 30, 2020 termber 30,		Fact ID	Frequency Description	E Requ	ared Period Basis	Frequency	Counter Enable	Rule ID

Figure 3-82 Create Counter

3. On Create Counter screen, Specify the fields.



Note:

The fields marked as **Required** are mandatory.

 Table 3-87
 Create Counter - Field Description

Field	Description
Counter Code	Specify the unique counter code.
Counter Description	Specify the description for the counter.
Product Processor	Select the product processor from the drop-down list for which code is being created
Event ID	Click on Q icon and select the id from the list.
Effective Date	Specify the effective date.
Expiry Date	Specify the expiry date.
Entity ID	Select the options from the drop-down list. The available options are: • PartyID • AccountID • CollateralID
	Click this icon to get the information about the rule.
Fact ID	Specify the fact ID for the selected entity.
Frequency Description	Specify the description of the fact ID selected.
Operation	Select the value from the drop-down list. The available options are: Increase Decrease
Period Basis	Select from the drop-down list The available options are: • Calendar • Anniversary
Frequency	Select the value from the drop-down list. The available options are: Daily Weekly Monthly Quarterly Half Yearly Yearly



Field	Description
0	Click this icon to get the information about the rule.
Counter Enable	Click the toggle status to enable the counter.
Rule ID	Select the rule Id from the drop-down list.
0	Click this icon to get the information about the rule.

Table 3-87 (Cont.) Create Counter - Field Description

4. Click **Save** to save the details.

The **Create Counter** is successfully created and can be viewed using the View Counter screen.

3.16.2 View Counter

This topic describes the systematic instructions to view the counter.

The user can configure the lookup using the Create Counter screen. The status of the created lookup is displayed as **Unauthorized** and **Open**. Once the checker authorizes the lookup, the status is updated to **Authorized** and **Open**.

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

- 1. On Homescreen, click Core Maintenance, under Core Maintenance, click Credit Decision.
- 2. Under Credit Decision, click Maintenance, under Maintenance, click Counter, under Counter, click View Counter.

The View Counter screen displays.

(+ O					
Counter Code: RTEST1	:	Counter Code: MTEST1	Counter Code:	Counter Code: HTEST1	
Counter RTESt1 Product OFLO		Counter MTEST1 Product OFLO	Counter counterhardcoding Product OFLO	Counter HTEST1 Product OFLO	
🗅 Unauthorized 🛛 🔓 Open	@1	🗅 Unauthorized 🔓 Open 🖾 1	🗅 Unauthorized 🔓 Open 🖾 1	D Authorized & Open 21	

Figure 3-83 View Counter

Table 3-88 View Counter

Field	Description
Counter Code	Displays the counter code.



Table 3-88 (Cont.) View Counter

Field	Description
Counter Description	Displays the description of the counter code.
Product Processor	Displays the product processor of the counter.
Status	Displays the status of the record.
Modification Number	Displays the number of modifications performed on the record.



The View Counter - Search screen displays.

Figure 3-84	View Counter	- Search
1 1941 0 0 0 1		0000

Search Filter
Counter Code
Counter Description
Authorization Status
Record Status
Search Reset

On View Counter - Search screen, specify the Search Filter to fetch the required lookup.
 For more information on fields, refer to the field description table.

Table 3-89 View Counter – Search – Field Description

Field	Description
Counter Code	Specify the counter code.
Counter Description	Specify the counter description.



Field	Description
Authorization Status	Select the authorization status from the drop-down list. The available options are: Authorized Rejected Unauthorized
Record Status	Select the record status from the drop-down list. The available options are: • Open • Closed

Table 3-89 (Cont.) View Counter – Search – Field Description

•

- 5. Click **Search** to display the required lookup.
- 6. On View Counter screen, click created counter.
- icon to Unlock, Delete, Authorize, or View the
- 7. Click **Unlock** to modify the following fields.

The Counter Maintenance - Modify screen displays.

Figure 3-85 Lookup Maintenance - Modify

	nce										
sic Details											
nter Code				Counter D	Nescription						
ounterhardcoding				counte	rhardcoding						
duct Processor				Event ID							
				DD_Br	anch_Cash_Withdi	Q					
ctive Date				Expiry Da	te						
ptember 30, 2020	iii ii			April 27	2023	iii ii					
Apping											
Aapping + –											
Aapping + _ Entity ID		Fact ID	Frequency Description	1	Operation	Period Basis	Frequency		Counter Enable	Rule ID	

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

Table 3-90 Counter Maintenance - Modify - Field Description

Field	Description
Counter Code	Displays the created counter code.
Counter Description	Displays the Counter Description. User can modify the same.
Product Processor	Displays the product processor of the created Counter code.



Field	Description
Effective Date	Displays the effective date of the created counter. User can modify the same before authorization if it is future dated.
Expiry Date	Displays the expiry date of the created counter. User can modify the same.
Entity ID	Displays the Entity IDs selected for created counter. User can modify the same.
3	User can modify the same
•	Click to get the information about the rule.
Fact ID	Displays the Fact IDs selected for created counter. User can modify the same.
Frequency Description	Displays the frequency description for the created counter. User can modify the same.
Operation	Displays the frequency for the created counter. User can modify the same.
Period Basis	Displays the period basis selected.
Frequency	Displays the frequency for the created counter. User can modify the same.
3	Displays the number of frequencies selected.
6	Click to get the information about the rule.
Rule ID	Displays the Rule ID for selected for the created Counter.
6	Click to get the information about the rule.

 Table 3-90
 (Cont.) Counter Maintenance - Modify - Field Description

8. Click **Save** to update the modified fields.



9. Click View to view the created counter.

The **Counter Maintenance - View** screen displays.

asic Di	of all a							
	etalis							
Counter Code			Counter Description					
counterhardcoding		counterhardcod	ling					
roduct Processor		Event ID						
OFLO		DD_Branch_Cas	h_Withdrawal					
Effective Date		Expiry Date						
temb	per 30, 2020			April 27, 2023				
Mapp	ping							
Mapp +	- Exercy ID	Fact ID	Frequency Description	Operation	Period Basis	Frequency	Counter Enable	Rule ID

Figure 3-86 Counter Maintenance - View

Field	Description
Counter Code	Displays the created counter code.
Counter Description	Displays the created counter description.
Product Processor	Displays the product processor of the created counter.
Event ID	Displays the ID for the created counter.
Effective Date	Displays the effective date for the created counter.
Expiry Date	Displays the expiry date for the created counter.
Entity ID	Displays the entity IDs for the created counter.
3	Displays the number of the IDs selected.
•	Click to get the information about the rule.
Fact ID	Displays the fact IDs for the created counter.
Frequency Description	Displays the frequency description of the created counter.
Operation	Displays the operation for the created counter.
Period Basis	Displays the period basis.

Table 3-91 Counter Maintenance - View - Field Description



Field	Description
Frequency	Displays the frequencies selected for the created counter.
3	Displays the number for frequencies selected.
6	Click to get the information about the rule.
Rule ID	Displays the rule ID for the created counter.
6	Click to get the information about the rule.

Table 3-91 (Cont.) Counter Maintenance - View - Field Description

3.17 Charge Code

This topic describes the information about the charge code feature.

Fee definition can be simple like fixed amount or fixed percentage but can be complex which is based on various attributes like customer segment, count of transaction, amount of transaction etc.

This topic contains the following subtopics:

Create Charge Code

This topic describes the systematic instructions to create charge code by updating various details.

 View Charge Code This topic describes the systematic instructions to view the charge code for Decision Service.

3.17.1 Create Charge Code

This topic describes the systematic instructions to create charge code by updating various details.

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

- 1. On Homescreen, click Core Maintenance, under Core Maintenance, click Credit Decision.
- 2. Under Credit Decision, click Maintenance, under Maintenance, click Charge Code, under Charge Code, click Create Charge Code.

The Create Charge Code screen displays.



reate Charge Code		
Sasic Details		
lana di salar		
covance Charging		
harge Code	Charge Description	
Required	Required	
Yoduct Processor Code	Product Processor Description	
Select		
Vective Date	Evelop	
Sentember 70, 2020		
September 30, 2020	Benefat	
Charging Currency	Charge In Txin Currency	
Select		
Realized		
Rate Code	Rate Type	
Q	Select 👻	
	Required	
Per Annum Basis(Days)	Priority	
Select 👻		
Selection Criteria Charge Computation Details		
e Existing Rule 🔿 Create New Rule		
Rules		
lule Code Rule Name		
Select 👻		
	c	ancel

Figure 3-87 Create Charge Code

3. On **Create Charge Code** screen, Specify the fileds.

Note:

The fields marked as **Required** are mandatory.

 Table 3-92
 Create Charge Code - Field Description

Field	Description
Advance Charging	Click the toggle status to enable the parameter. Indicates the definition is for advance or simple. By default, the status will be off.
Charge Code	Specify the unique code for the charge.
Charge Description	Specify a short description for the charge code.
Product processor Code	Select the product processor from the drop-down list for which the charge is being created.
Product Processor Description	Displays the description of the product processor code defined.
Effective Date	Specify the effective date.
Expiry Date	Specify the expiry date.
Charging Currency	Select the currency from the drop-down list.
Charge In Txn Currency	Click the toggle status to enable this parameter. Indicates the charge is to be charged of fee currency or transaction currency. By default, the status will be off.
Rate Code	Click on search and select from the list.



Field	Description	
Rate Type	Select the rate type from the drop-down list. Th available options are: Buy Sell Mid	
Per Annum Basis (Days)	Select the days from the drop-down list. The available options are: • 360 • 365 • 366	
Priority	Specify the priority of the charge code. This field is visible only if the Advance Charging toggle is enabled.	

Table 3-92 (Cont.) Create Charge Code - Field Description

4. On Create Charge Code screen, click Selection Criteria tab to define selection criteria rules.

The Create Charge Code - Selection Criteria screen displays.

Note:

This tab is visible only if the **Advance Pricing** toggle is enabled.



Details	
ce charging	
e Code	Charas Description
Required	Required
ct Processor Code	Product Processor Description
act 🔹	
Required	
ive Date	Expiry Date
ember 30, 2020	
ing Currency	neuvreu Charge In Txn Currency
ect -	
Required	
ode	Rate Type
۹	Select 👻
num Basti(Dava)	Required
	- Horny
•	
isting Rule Create New Rule	
te Rule	
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n Bestelle	
- Dasic IIII0	
Code Description	Ting Select Existing rule
Code Description	Trg Solice Existing role Q
Code Description	Teg Select Existing rule Q
Cole Description	Tag Select Existing rule v Q
Code Description Call Description Rule Version Col	Tag Select Exiting rule Q
Code Description	Tag Select Exoting rule Q
Cole Description Description Rate Ventors Q_	Tag Select Existing rule
Code Description Chie Version Chie Version Cod V Section1 Expression Builder	Tag Select Exiting rule Q
Cole Description Rule Version Rule Version C. Section1 Expression Builder Add Expression	Tag Select Exoting role
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Cole Description The Version Ref Version Ref Version Personal Ref Version Ref Version Personal Ref Version Ref Ve	Ing Select Existing role Image: Select Existing role Image: Select Existing role
Cole Description The Version Registed Section1 Expression Builder AttExpression Output Ese Ese To herms to display. The leven the leven to display. The leven the levent the l	Top Select Exiting role ····································
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Cole Description The Version Ref Version C. Personalize Personalize C. Personalize Personalize C. Personalize Personalize Personalize Personalize Personalize Personalize Personalize Personalize Personalize Personalize Personalize Personalize Personalize	Ing Select Existing role Image: Select Existing role Image: Select Existing role Image: Select Existing role Image: Select Existing role
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Cole Decorption The Version Th	Image: Net Cotting role I

Figure 3-88 Create Charge Code - Selection Criteria

Table 3-93	Create Charge Code	 Selection Criteria - 	Field Description
------------	--------------------	--	-------------------

Field	Description
Use Existing Rule	By default, this option is enabled. Indicates if the existing rule is linked.
Rule Code	Select the rule code from the drop-down list.
•	Click this icon to get the information about the rule.
Rule Name	Displays the rule name of the rule code.
Create New Rule	Select this option to create new rule.



Field	Description
Code	Specify the rule code.
Description	Specify the rule description.
+ icon	Click this icon to add new expression.
Fact / Rules	Select the fact or rule from the drop-down list. Once the user selects the fact/rules, one more field opens adjacent to the output, update the same based on the selected output option.
Operator	Select the comparison operator from the drop- down list. The available options are: < < > + = % != <= <= <= * / Contains In Matches NotMatches NotContains Notin
	Notin
Data Type	Select the data type for the fact or rule. Once the user select the data type, one more field opens adjacent to the output, update the same based on the selected output option. The available options are: • Text • Number • Boolean • Date • Fact • Rules The below option appears if the Data Type is selected as Boolean. • True • False

Table 3-93 (Cont.) Create Charge Code - Selection Criteria - Field Description

Field	Description		
Output	Select the output from the drop-down list. Once the user select the data type, one more field opens adjacent to the output, update the same based on the selected output option.		
	The available options are: • Text • Number • Boolean • Date • Fact • Rules The below option appears if the Data Type is selected as Boolean. • True • False		
Expression	Displays the expression updated in the expression builder.		

Table 3-93 (Cont.) Create Charge Code - Selection Criteria - Field Description

5. On Create Charge Code screen, click Charge Computation Details to define computation details.

The Create Charge Code - Charge Computation Details screen displays.

eate Charge Code	
asic Details	
dvance Charging	
sarge Code	Charge Description
Required	Required
aduct Processor Code	Product Processor Description
CMC •	CMC
ective Date	Expiry Date
aptember 30, 2020	January 30, 2024 🛗
riging Currency	Charge In Tun Currency
LL 👻	
Code	Rate Type
TANDARD Q	Sell V
Acoum Barie(Dever)	Bitasibu
40 -	
Selection Criteria Charge Co	nputation Details
arge Type	Rule
ixed Amount	
arge Amount	
Required	
	Maximum Amount
nimum Amount	
inimum Amount	
inimum Amount	

Figure 3-89 Create Charge Code - Charge Computation Details

Field	Description
Charge Type	Select the type from the drop-down list. The available options are:
	Fixed Amount
	Fixed Percentage
	Tiered
Charge Amount	Specify the amount for the charge type.
	selected as Fixed Amount .
Percentage (%)	Specify the percentage for the charge type.
	This field is visible if the Charge Type is
	selected as Fixed Percentage.
Minimum Amount	Specify the minimum amount to be charged.
	This field will not be visible if the Charge Type is
	selected as Fixed Amount.
Maximum Amount	Specify the maximum amount to be charged.
	I his field will not be visible if the Charge Type is
Tionad Charma Tarra	
liered Charge Type	Ist. The available ontions are:
	Amount
	Percentage
	Amount or Percentage
	This field is visible if the Charge Type is
	selected as Tiered .
	The below option appears if the Advance
	Charging is enabled.
	Rule Amount on Dula
	Amount of Rule Percentage of Rule
Tior Type	Coloct from tion type the dren down list. The
lier Type	available options are:
	Cumulative
	• Slab
	This field is visible if the Charge Type is
	selected as Tiered .
Charge Per Count	Click on toggle status to enable the parameter.
	This field is visible if the Charge Type is
	Amount. Amount or Rule, and Rule.
Tier Criteria	Select the tier criteria from the drop-down list
	The available options are:
	Amount
	Period
	Amount or Period
	The system will not allow use to select the above
	options if the Her Type is selected as Slab.
+ icon	Click to add a new row.
- icon	Click to delete the row.

Table 3-94 Create Charge Code - Charge Computation Details - Field Description



Field	Description
Amount / Period / Amount or Period - From	Specify the start value of the count range. This field is visible only if the Charge Type is selected as Tiered .
Amount / Period / Amount or Period - To	Specify the final value of the count range This field is visible only if the Charge Type is selected as Tiered .
Amount	Specify the amount. This field is visible only if the Charge Type is selected as Tiered and Tiered Charge Type as Amount .
Percentage	Specify the charge percentage. This field is visible only if the Charge Type is selected as Tiered and Tiered Charge Type as Percentage .
Output Option	Select the option from which the output must be displayed. This field is visible only if the Charge Type is selected as Tiered and Tiered Charge Type as Amount or Percentage .
Output	Specify the output. This field is visible only if the Charge Type is selected as Tiered and Tiered Charge Type as Amount or Percentage .
Basis of	Select from the drop-down list. This field is visible only if Charge Type is selected as Tiered and Advance Charging is enabled.
Rule	Toggle to enable if the rule is applicable. This field is visible only if the Advance Charging and Rule is enabled and Charge Type is selected as Fixed Amount or Fixed Percentage .
Rule ID	Select the rule from the drop-down list. This filed is visible if the Advance Charging and Rule is enabled.

Table 3-94 (Cont.) Create Charge Code - Charge Computation Details - FieldDescription

6. Select the **Charge Type** as **Tiered** to link the features.

7. Click + Add/Edit column to select and link the facts.

The + Add/Edit column pop-up screen displays.

Figure 3-90 Add Columns

Add Columns		
elect relevant facts as per order in which they will	l get displayed in the table	
Select Fact Name from the list		
	Cancel	- Caura

- 8. Select the facts names from the list. ('n' number of facts can be selected)
- 9. Click **Save** to link the features for defining the tiered charge type.

The Create Charge Code - Charge Computation Details (Tiered) screen displays.



Create Charge Co	ode				::×
Basic Details					
Advance Charging					
Charge Code			Charge Description		
Chargecode			Charge		
Product Processor Code			Product Processor Description		
OFLO	•		OFLO		
Effective Date			Expiry Date		
	i i i i i i i i i i i i i i i i i i i				
Character Courses	Required		Re	quired	
Solort	•		STANDARD		
Select	Required				
Per Annum Basis(Days)			Charge In Txn Currency		
360	•				
Charge Computation	Details				
Charge Type			Tiered Charge Type		
Tiered	-		Rule	•	
Tier Type					
Slab	•				
Minimum Amount			Maximum Amount		
			Add columns to define Cha	nrges	
			+ Add/Edit Column		
+ -					
	Age			Rule	
	From	То			
				Select	•
					Cancel Save



Field	Description		
+ icon	Click this icon to add a new row.		
- icon	Click this icon to delete a row, which is already added.		
<numeric feature="">From</numeric>	Specify the minimum numeric value of the facts selected.		
<numeric feature="">To</numeric>	Specify the maximum numeric value of the facts selected.		
<numeric feature="">Value</numeric>	Specify the value of the facts selected.		
Rule	Select the rule from the drop-down list.		
0	Click this icon to get the information about the rule.		

 Table 3-95
 Create Charge Code - Charge Computation Details (Tiered)

10. Click Save to save the details.

The **Create Charge Code** is successfully created and can be viewed using View Charge Code screen.

3.17.2 View Charge Code

This topic describes the systematic instructions to view the charge code for Decision Service.

The user can configure the lookup using the Create Charge Code screen. The status of the created lookup is displayed as **Unauthorized** and **Open**. Once the checker authorizes the lookup, the status is updated to **Authorized** and **Open**.

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

- 1. On Homescreen, click Core Maintenance, under Core Maintenance, click Credit Decision.
- 2. Under Credit Decision, click Maintenance, under Maintenance, click Charge Code, under Charge Code, click View Charge Code.

The View Charge Code screen displays.



Charge Code:	: Charge Code:	Charge Code:	Charge Code:	
TEST3	ATEST2	ATEST3	TEST2	
Charge Code TEST3	Charge Code ATEST2	Charge Code ATEST3	Charge Code TEST2	
Product OFLO	Product OFLO	Product OFLO	Product OFLO	
Currency CAD	Currency CAD	Currency CAD	Currency CAD	
🗅 Unauthorized 🛛 🔓 Open	3 Dunauthorized 🔓 Open 🖄 2	🗅 Unauthorized 🔓 Open 🖄 2	Unauthorized 🔓 Open 🔯 3	



Table 3-96 View Charge Code

Field	Description
Charge Code	Displays the charge code.
Charge Code Description	Displays the description of the charge code.
Product Processor Code	Displays the product processor of the charge code.
Charging Currency	Displays the currency of the charge code.
Status	Displays the status of the record.
Modification Number	Displays the number of modifications performed on the record.



The View Charge Code - Search screen displays.

Figure 3-93 View Charge Code - Search

Search Filter	>
Charge Code	
Charge Description	
Authorization Status	
Record Status	•
	•
Search Reset	

4. On View Charge Code - Search screen, specify the Search Filter to fetch the required lookup.



Field	Description
Charge Code	Specify the charge code.
Charge Code Description	Specify the short description for the charge code.
Authorization Status	Select the authorization status of the parameters. The available options are: • Authorized • Rejected • Unauthorized
Record Status	Select the record status of the parameters. The available options are: • Open • Closed

:

icon to Unlock, Delete, Authorize, or View

Table 3-97 View Charge Code – Search – Field Description

5. Click **Search** to display the required charge code.

- 6. On View Charge Code screen, click the created charge code.
- 7. Click **Unlock** to modify the following fields.

The Charge Code Maintenance - Modify screen displays.

_		

rge Code Maintenance				
ic Details				
ince Charging				
ge Code		Charge Description		
DUITEST1		ADUITEST1 Description1		
uct Processor Code		Product Processor Description		
-LO 👻		OFLO		
tive Date		Expliry Date		
otember 1, 2020		September 1, 2025		
ting Corrector		Charge In Typ Currency		
Code		Rate Type		
Q		Mid		
Annum Basis(Days)		Priority		
lect 👻		1		
argeRule100 - O Charg	geRule100			
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argeRulet00 • 0 Charg at. 	yRule100			
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argeRulet00 • • Charge dt	Description ChargeRule100	7ae	· ·	Select Exerting rule
argehuletoo • • Charg dat	Description ChargeRule100	Tre	· ·	Select Exercise rule
argeRulet00 Charge	Description ChargeRule100	Tee	· ·	Select Existing rule Q
aregeRuletto Charge det Code Code Code Code Code Code Code Section1 Eise	Description ChargesRule100	Tre	· ·	Select Existing role
exgeRuletto Charge charge charge charge charge charge charge charge charge charge charge charge charge charge charge charge charge charge charge charge c	Description ChargeRulet00	Tre		Select Existing rule
argeRuletto	Description ChargeRule100	Tag	·	Select Entroy rule Q
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argeRuletto	Description ChargeRule100	Tag 	•	Select Existing rule
wageAuleto Charge Add Code Code Code	Description ChargeRulet00		· ·	Select Existing rule Q
are genue of the second of the	Description ChargeRule100	Tag		Select Exercise rule Q
argeRuletto Charge att att att att att att att a	Description Charge/Rule100	Tre	· ·	Select Exercise role Q
	Description ChargeRule100			Select Exoting rule Q
are genue to the set of the set	Description ChargeRule100	Te		Select Danny nie
aregeRuletto Charge are are are are are are are are	Description ChargeRulet00			Select Examp rule Q

Figure 3-94 Charge Code Maintenance - Modify

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

Table 3-98 Charge Code Maintenance - Modify - Field Description

Field	Description
Advance Charging	Displays the toggle status.
Charge Code	Displays the created charge code.
Charge Description	Displays the description for the created charge code. User can modify the same.
Product Processor Code	Displays the product processor of the created charge code.
Product Processor Description	Displays the product processor of the created charge code.
Effective Date	Displays the effective date for the created charge code. User can modify the same if the date is future dated.



Field	Description
Expiry Date	Displays the expiry date for the created charge code. User can modify the same.
Charging Currency	Displays the type of the currency. User can modify the same.
Charge in Txn Currency	Displays the toggle status for the created charge code. User can modify the same.
Rate Code	Displays the rate code for the created charge code. User can modify the same.
Rate Type	Displays the rate type for the created charge code. User can modify the same.
Per Annum Basis (Days)	Displays the numbers of the days for the created code. User can modify the same.
Priority	Displays the priority of the created charge code. User can modify the same.
Use Existing Rule	Indicates if the existing rule is linked.
Rule Code	The user can modify the rule code for the created charge code.
0	Click this icon to get the information about the rule.
Rule Name	Displays the rule name of the rule code for the created charge code.
Create New Rule	The user can modify the rule code for the created charge code.
Code	Specify the new rule code for charge code.
Description	Specify the rule description for the charge code.
Fact / Rules	Displays the fact or rule for the created charge code.
Operator	Displays the comparison operator for the created charge code.
Data Type	Displays the data type for the fact or rule for the created charge code.
Output	Displays the output for the created charge code.
Expression	Displays the expression updated in the expression builder for the created charge code.
Fact ID	The user can modify the fact ID of the created charge code.
Rule ID	The user can modify the rule ID of the created charge code.

 Table 3-98
 (Cont.) Charge Code Maintenance - Modify - Field Description



Field	Description
0	Click this icon to get the information about the rule.
Charge Type	Displays the type for the created charge code. User can modify the same.
Charge Amount	Displays the amount for the created charge code. User can modify the same. This field is displayed if the Charge Type is selected as Fixed Amount .
Percentage (%)	Displays the percentage for the created charge code. User can modify the same. This field is displayed if the Charge Type is selected as Fixed Percentage.
Minimum Amount	Displays the minimum amount. User can modify the same. This field will be displayed if the Charge Type is selected as Fixed Percentage or Tiered and Tier Charge Type as Percentage/Amount or Percentage .
Maximum Amount	Displays the maximum amount. User can modify the same. This field will be displayed if the Charge Type is selected as Fixed Percentage or Tiered and Tier Charge Type as Percentage/Amount or Percentage .
Tiered Charge Type	Displays the charge type for the created charge code. User can modify the same. This field is displayed if the Charge Type is selected as Tiered .
Tier Type	Displays the tier type for the created charge code. User can modify the same. This field is displayed if the Charge Type is selected as Tiered .
Change Per Count	Displays the toggle status for the created charge code. User can modify the same. This field is displayed if the Charge Type is selected as Tiered and Tier Charge Type as Amount, Amount or Rule . or Rule .
Tier Criteria	Displays the tier criteria for the created charge code. User can modify the same. This field is displayed if the Charge Type is selected as Tiered .
+ putton	Click to add a new row.

Table 3-98 (Cont.) Charge Code Maintenance - Modify - Field Description



Field	Description
- button	Click to delete the row.
Amount / Period / Amount or Period - From	Displays the start value of the count range. User can modify the same.
	This field is visible only if the Charge Type is selected as Tiered .
Amount / Period / Amount or Period - To	Displays the final value of the count range. User can modify the same.
	This field is visible only if the Charge Type is selected as Tiered .
Amount	Displays the charge amount. User can modify the same.
	This field is visible only if the Charge Type is selected as Tiered and Tiered Charge Type as Amount .
Percentage	Displays the charge percentage. User can modify the same.
	This field is visible only if the Charge Type is selected as Tiered and Tiered Charge Type as Percentage .
Output Option	Displays the output option selected. User can modify the same.
	This field is visible only if the Charge Type is selected as Tiered and Tiered Charge Type as Amount or Percentage .
Output	Displays the output. This field is visible only if the Charge Type is selected as Tiered and Tiered Charge Type as Amount or Percentage .
Basis of	Displays the basis of selected from the drop- down list. User can modify the same.
	This field is visible only if Charge Type is selected as Tiered and Advance Charging is enabled.
Rule ID	Displays the rule selected.
0	Click this icon to get the information about the rule.

Table 3-98 (Cont.) Charge Code Maintenance - Modify - Field Description

- 8. Click **Save** to update the modified fields.
- 9. Click **View** to view the created charge code.

The Charge Code Maintenance - View

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nre Charolog			
ze Covie		Charge Description	
TECT1		ADUITESTI Description1	
		Abort 25 r beschpilon	
uct Processor Code		Product Processor Description	
,			
tive Date		Expiry Date	
ember 1, 2020		September 1, 2025	
ging Currency		Charge In Txn Currency	
Code		Rate Type	
		Mid	
nnum Basis(Days)		Priority	
ct		1	
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in es	ChargeRule100		
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m bes bes code Code Code Code Code Code Code Code Social Bes Else No terms to display.	ChurgeRule100	Teg	Select Entiting rule Q
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is	ChurgeRule100	Tag	r Q_
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argehüuletto • dat • date • blet • Code • Reference • Reference • Postems to display. • Expression • Section1 TRUE • Section1 TRUE •	ChargeRule100	Ing	- Salet Enting role Q

Figure 3-95 Charge Code Maintenance - View

Audit

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

Table 3-99 Charge Code Maintenance - View - Field Description

Field	Description
Charge Code	Displays the created charge code.
Charge Description	Displays the description for the created charge code.
Product Processor Code	Displays the product processor of the created charge code.
Product Processor Description	Displays the product processor of the created charge code.
Effective Date	Displays the effective date for the created charge code.
Expiry Date	Displays the expiry date for the created charge code.
Charging Currency	Displays the type of the currency.
Charge in Txn Currency	Displays the toggle status for the created charge code.

Field	Description
Rate Code	Displays the rate code for the created charge
Rate Type	Displays the rate type for the created charge
	code.
Per Annum Basis (Days)	Displays the numbers of the days for the created code.
Priority	Displays the priority of the created charge code.
Use Existing Rule	Indicates if the existing rule is linked.
Rule Code	Displays the rule code for the created charge code.
6	Click this icon to get the information about the rule.
Rule Name	Displays the rule name of the rule code for the created charge code.
Create New Rule	Displays the rule code for the created charge code.
Code	Displays the rule code for charge code.
Description	Displays the rule description for the charge code.
Fact / Rules	Displays the fact or rule for the created charge code.
Operator	Displays the comparison operator for the created charge code.
Data Type	Displays the data type for the fact or rule for the created charge code.
Output	Displays the output for the created charge code.
Expression	Displays the expression updated in the expression builder for the created charge code.
Fact ID	Displays the fact ID of the created charge code.
Rule ID	Displays the rule ID of the created charge code.
6	Click this icon to get the information about the rule.
Charge Type	Displays the type for the created charge code.
Charge Amount	Displays the amount for the created charge code. This field is displayed if the Charge Type is selected as Fixed Amount
Percentage (%)	Displays the percentage for the created charge code. This field is displayed if the Charge Type is selected as Fixed Percentage .

Table 3-99 (Cont.) Charge Code Maintenance - View - Field Description



Field	Description
Minimum Amount	Displays the minimum amount. This field will be displayed if the Charge Type is selected as Fixed Percentage or Tiered and Tier Charge Type as Percentage/Amount or Percentage .
Maximum Amount	Displays the maximum amount. This field will be displayed if the Charge Type is selected as Fixed Percentage or Tiered and Tier Charge Type as Percentage/Amount or Percentage .
Tiered Charge Type	Displays the charge type for the created charge code. This field is displayed if the Charge Type is selected as Tiered .
Tier Type	Displays the tier type for the created charge code. This field is displayed if the Charge Type is selected as Tiered .
Change Per Count	Displays the toggle status for the created charge code. This field is displayed if the Charge Type is selected as Tiered and Tier Charge Type as Amount , Amount or Rule , or Rule
Tier Criteria	Displays the tier criteria for the created charge code. This field is displayed if the Charge Type is selected as Tiered .
Amount / Period / Amount or Period - From	Displays the start value of the count range. This field is visible only if the Charge Type is selected as Tiered .
Amount / Period / Amount or Period - To	Displays the final value of the count range. This field is visible only if the Charge Type is selected as Tiered .
Amount	Displays the charge amount. This field is visible only if the Charge Type is selected as Tiered and Tiered Charge Type as Amount .
Percentage	Displays the charge percentage. This field is visible only if the Charge Type is selected as Tiered and Tiered Charge Type as Percentage .
Output Option	Displays the output option selected. This field is visible only if the Charge Type is selected as Tiered and Tiered Charge Type as Amount or Percentage .
Output	Displays the output. This field is visible only if the Charge Type is selected as Tiered and Tiered Charge Type as Amount or Percentage .

 Table 3-99 (Cont.) Charge Code Maintenance - View - Field Description



Field	Description
Basis of	Displays the basis of selected from the drop- down list. This field is visible only if Charge Type is selected as Tiered and Advance Charging is enabled.
Rule ID	Displays the rule selected.
0	Click this icon to get the information about the rule.

Table 3-99 (Cont.) Charge Code Maintenance - View - Field Description

3.18 Execution Summary

This topic describes the information to view the decisions, credit score and pricing for the processed application.

This topic contains the following subtopics:

View Execution Summary

This topic describes the systematic instructions to view the execution summary based on the various filter options provided.

3.18.1 View Execution Summary

This topic describes the systematic instructions to view the execution summary based on the various filter options provided.

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

- 1. On Home screen, click Core Maintenance. Under Core Maintenance, click Credit Decision.
- 2. Under Credit Decision, click Operations. Under Operations, click Execution Summary.

The View Execution Summary screen displays.

View Execution Summa	iry						11 :
+ -							
Search Criteria							
Fiter	Value						
Execution Date	Today	•					
							Reset Search
Scoring Decision Summary							
Product Processor	Request Type	Contract ID	Request Reference Number	Internal Reference Number	Execution Date	Mode	Status
+ OFLO	Borrowing Capacity	777	8sk03KWTIr19sk03KWTIr18sk03KWTIr18sk03KWTIr18sk03KWTIr1esk03KWTIr1ds	033b6931-3342-4c04-9d05-dd7037e6b89a	Sep 30, 2020	Online	Fallure
+ OFLO	Borrowing Capacity	777	SSL9YISTITTSL9YISTITUSL9YISTITIVSL9YISTITIVSL9YISTITIVSL9YIS	5e824b2e-ee16-4f53-bf46-2138cca7b8e9	Sep 30, 2020	Online	Fallure
+ CMC		123	UprgLBTrgTvfprgLBTrgTWprgLBTrgTviprgLBTrgTviprgLBTrgT2iprgLB	1a082cb9-201d-4772-b363-bac95c1bdf4e	Sep 30, 2020	Online	Failure
+ CMC		123	mvymndBTrginvymndBTrgiovymndBTrgipvymndBTrgiqvymndBTrgi	87cb725a-36f7-4322-99b1-4c47797364a4	Sep 30, 2020	Online	Tailure
+ OFLO	Pricing	123	yf3XGcTWhgtzf3XGcTWhgtAf3XGcTWhgtBf3XGcTWhgtCf3XGcTWhgtD	dd42476b-469d-4999-84f7-c7c2b05de068	Sep 30, 2020	Online	Fallure
Page 1	of 304 (1 - 5 of 1518 items) < +	1 2 3 4 5 304	× ×				

Figure 3-96 View Execution Summary



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

Field	Description	
+ icon	Click the icon to add a new row.	
- icon	Click the icon to delete a row, which is already added.	
Filter	Select the required option to search for the execution summary.	
	The available options are:	
	Reference Number	
	Internal Reference Number	
	Decision	
	Batch/Online	
	Product Processor	
	Status	
	Request Type	
	Execution Date	
	Contract ID	
Value	Specify the required details or select an appropriate option for the selected filter option.	
	This field appears once you select an option from the Filter list.	
From Date	Select the start date of the period during which the execution summary is generated.	
	This field appears if you select the filter option as Execution Date and value as Date Range.	
To Date	Select the end date of the period during which the execution summary is generated.	
	This field appears if you select the filter option as Execution Date and value as Date Range.	

Table 3-100 View Execution Summary - Field Description

3. In the **Search Criteria** section, specify the details and click **Search**.

The search results displays with the list of records based on the specified criteria.

4. Click **Reset** to reset the search criteria.

Figure 3-97 Scoring Decision Summary

View Execution Summa	ry						;; ×
+ -							
Search Criteria	Velas						
Execution Date	• Today	-					
							Reset Search
Scoring Decision Summary							
Product Processor	Request Type	Contract ID	Request Reference Number	Internal Reference Number	Execution Date	Mode	Status
+ OFLO	Borrowing Capacity	777	8sk03kWTH9sk03KWTH9sk03KWTH9sk03KWTHcsk03KWTHcsk03KWTHds	03356934-3342-4c04-9d05-dd7037e6589a	Sep 30, 2020	Online	Failure
+ OFLO	Borrowing Capacity	777	\$5L9YISTRIT5L9YISTRIU5L9YISTRIV5L9YISTRIV5L9YISTRIX5L9YIST	5e824b2e-ee16-4f53-bf46-2f38cca7b8e9	Sep 30, 2020	Online	Failure
+ CMC		123	UprgL8TrgTVIprgL8TrgTVIprgL8TrgTViprgL8TrgTViprgL8TrgT2prgL8	1e082db9-201d-4772-b563-bec95c1bd14e	Sep 30, 2020	Online	Fallure
+ CMC		123	mvymnd87rg1nvymnd87rg1ovymnd87rg1pvymnd87rg1qvymnd87rg1	87cb725a-36f7-4322-99bf-4c47797364e4	Sep 30, 2020	Online	Failure
+ OFLO	Pricing	123	yf3XGcTWhg1zf3XGcTWhg1Af3XGcTWhg1Bf3XGcTWhg1Cf3XGcTWhg1D	dd42478b-469d-4999-84f7-c7c2b05de068	Sep 30, 2020	Online	Failure
Pege 1	of 504 (1-5 of 1518 items) c + 1	2 3 4 5 304	н м				



Field	Description		
Product Processor	View the name of the product processor that sent the request.		
Request Type	View the request type sent by product processor.		
Contract ID	View the contract ID sent by the product processor.		
Reference Number	View the request reference number sent by product processor.		
Internal Reference Number	View the internal reference number of the application.		
Execution Date	View the execution date of the processing application.		
Mode	View the mode of execution of the application.		
Status	View the status of the processed application.		

Table 3-101 Scoring Decision Summary - Field Description

- 5. Click the corresponding icon to the required record to view the decision related details on each widget. Only one record can be viewed at a time. To view another record, close the previous record and then the next record can be viewed. The widgets are arranged in a flow in which the execution is done. These are indicated by showing the sequence 1, 2, 3 numbers at the top right corner. The widgets are selectable, on mouseover, the color of the widget changes to indicate that the widget is selectable.
- 6. When the status of the processed application **Fails**, a click on the failure message displays the step that is failed. For example, in case of the **Qualitative Score Model** is not resolved, then an error message is displayed in the **Qualitative Score Model** widget. The previous widget will show the data which was processed. If the validation processing fails, then the **Fail** status is shown in the **Validation Model** widget, and the reason for failure is displayed by a click on the widget.

earch Criteria											
earch criteria											
Filter		Value NormaR									
DECOURT		iner nargueneo									
											Reset 1
ring Decision Summary											
duct Processor	Request Type		Contract ID	Request Reference Number		Internal Reference Numbe			Execution Date	Mode	Status
OFLO			123	CVhDAwd3pf1DVhDAwd3pf1EVhD4	kiid3pf1FVhDAvid3pf1G	VhDAvrd3p 61605e53-1807-4145-9	br3-b9739e8356e7		Sep 30, 2020	Online	Success
OFLO	Score, Decision & Pric	ing	123	UcEmh#93pf1VcEmh#93pf1WcEmh#	93pfDicEmht93pfDicEm	nhf93pf1Zc Ibaab2e3-8dd0-4661-a	27e-67eab0a4f7f3		Sep 30, 2020	Online	Success
validation Model		1	Borrowing Capacity		2	Qualitative Score		3			
Validation Model Code	LMCI01		Eligibility Code	BRC502		Scoring Model Code	APPLQAL502				
Description	LMC101		Description	BRC502		Description	Qualitative scoring model				
Status	PASS		Requested Amount	\$35000			APPEQALSO2				
			Borrowing Capacity	\$6000.00		Score	60				
Quantitative Score		4	Decision and Grade		5	Pricing		6			
Scoring Model Code	MAPP502		Model Code	DGM5034		Pricing Model Code	PRSID				
Description	MAPP502		Description	DGM5034		Description	PRSID with CDS_Grade				
Score	90		Decision	ManualQueueB		Rate Type	Flet				
			Grade	A		Rate (%)	5				

Figure 3-98 View Execution Summary

Field	Description
Validation Model Widget	Displays the status of the validation model processed.
Validation Model Code	Displays the validation model code, resolved for credit decision.
Description	Displays the validation model description, resolved for the credit decision.
Status	Displays the status of the validation model processed.
	 For status Pass, the color is shown as Green. For status Fail, the color is shown as Red.
Borrowing Capacity Widget	Displays the maximum lendable amount that can be given for an application.
Eligibility Code	Displays the eligibility model code, resolved for calculating the borrowing capacity.
Description	Displays the eligibility model description, resolved for calculating the borrowing capacity.
Requested Amount	Displays the requested amount for the lending application.
Borrowing Capacity	Displays the maximum lendable amount that can be given for the application.
Qualitative Score Widget	Displays the qualitative credit score, post credit decision of the application.
Scoring Model Code	 Displays the scoring model code, resolved for credit decision. When Is Application Decision Required is Yes, the application level decision scoring code is displayed. When Is Application Decision Required is No, the applicant level decision scoring code is displayed. When Is Application Decision Required is No, and Is Primary Applicant is No, the application level decision scoring code is displayed.
Description	Displays the scoring model description, resolved for credit decision.
Score	 Displays the qualitative credit score post credit decision of the application. When Is Application Decision Required is Yes, the system performs the aggregation, which can be minimum, maximum or average of all applicant's score. The aggregation performed is defined as rules and linked at the application level scoring model and this aggregated score is displayed. When Is Application Decision Required is No, the score is displayed by resolving the applicant level scoring model. When Is Application Decision Required is No, and Is Primary Applicant is No, the system performs the aggregation, which can be minimum, maximum or average of all applicant's score. The aggregation performed is defined as rule and linked at the application level scoring model.
Quantitative Score Widget	Displays the quantitative credit score post credit decision of the application.
Scoring Model Code	 Displays the scoring model code, resolved for credit decision. When Is Application Decision Required is Yes, the applicationlevel decision scoring code is displayed. When Is Application Decision Required is No, the applicant level decision scoring code is displayed. When Is Application Decision Required is No, and Is Primary
Description	Applicant is No, the multi applicant level scoring code is displayed.

Table 3-102 View Execution Summary - Field Description



Field	Description
Score	Displays the quantitative credit score, post credit decision of the application.
	• When Is Application Decision Required is Yes , the system performs the aggregation, which can be minimum, maximum or average of all applicant's score. The aggregation performed is defined as rules and linked at the application level scoring model and this aggregated score is displayed.
	• When Is Application Decision Required is No , the score is displayed by resolving the applicant level scoring model.
	When Is Application Decision Required is No, and Is Primary Applicant is No, the score is displayed by resolving the multi applicant level scoring model.
Decision and Grade Widget	Displays the credit decision and scoring grade, taken for the application.
Model Code	Displays the model code, resolved for credit decision and grade.
Description	Displays the model description, resolved for credit decision and grade.
Decision	Displays the credit decision, taken for the application.
Grade	Displays the scoring grade, post credit decision of the application.
Pricing Widget	Displays the rate applicable post credit decision.
Pricing Model Code	Displays the pricing model code, resolved for credit decision.
Description	Displays the pricing model description, resolved for credit decision.
Rate Type	Displays the rate type applicable post credit decision.
Rate %	Displays the rate applicable post credit decision.

Table 3-102 (Cont.) View Execution Summary - Field Description

Click on the **Validation Model** widget, the following fields are displayed. The details for the request which was clicked on the landing page is displayed.

Figure 3-99 Validation Model Widget

View Execution							::>
Internal Reference Number			Search				
Product Processor	Request Type	Contract ID Request Reference N	inber	Internal Reference Number	Execution Date	Mode	Status
OFLO	Score, Decision & Pricing	123 UcEmhf95pf1VcEm	ht95ptWicEmht95ptIXcEmht95ptTicEmht95ptTi2cEmht95ptTi2dEmht95ptTidEmht95ptTi2dEmht95ptTi3dEmht95ptTi	1baab2e3-8dd0-4661-a27e-67eab0a4f7f5	Sep 30, 2020	Online	Success
Val	Idation Model	Borrowing Capacity 6000.00	Qualitative Score Quantitative Score 60 90	Decision & Grade Manual/Occues Grade : A		Pricing 5%	
Validation Model Cod	e : LMCI01		Description : LMC101	Status : MASS			
Rule ID Seque	nce Status Severity PASS -						
Logic2 0 2	PASS -						

 Table 3-103
 Validation Model Widget - Field Description

Field	Description
Product Processor	Displays the name of the product processor that sent the request.
	This field will be shown on click of each widget.
Request Type	Displays the request type sent by the product processor.
	This field will be shown on click of each widget.



Field	Description				
Contract ID	Displays the contract ID sent by the product processor.				
	This field will be shown on click of each widget.				
Request Reference	Displays the request reference number sent by product processor.				
Number	This field will be shown on click of each widget.				
Internal Reference	Displays the internal reference number of the application.				
Number	This field will be shown on click of each widget.				
Execution Date	Displays the execution date of the processing application.				
	This field will be shown on click of each widget.				
Mode	Displays the mode of execution of the application.				
	This field will be shown on click of each widget.				
<validation code="" model=""></validation>	Displays the validation model code that is resolved for credit				
	decision.				
	Click the hyper link to view the rule executed to resolve the model.				
Show Rule Log	Click to see the rule log.				
	Click to expand the rule				
Everencien	Click to expand the rule.				
Expression	Displays the expression of the rule.				
	Displays the input of the rule.				
	Displays the value of the rule.				
Description	Displays the description of the validation model.				
Status	Displays the status of validation model.				
Rule ID	Displays the rule ID executed for validation model processing. Click the hyperlink to view the rule executed.				
Show Rule Log	Click to see the rule log.				
•	Click to expand the rule.				
Expression	Displays the expression of the rule.				
Input	Displays the input of the rule.				
Value	Displays the value of the rule.				
Sequence	Displays the sequence in which the rules are executed for validation model processing.				
Status	Displays the status of the rule execution. In case the status is failed, the reason for failure is displayed as Reason <> . The options are: • Pass				
	 Not Executed - This status is displayed against a rule if the Stop on Failure is set as ON and previous rule sequence has failed. 				

Table 3-103 (Cont.) Validation Model Widget - Field Description

The following fields are displayed once the user click the **Borrowing Capacity** widget.

Figure 3-100 Borrowing Capacity Widget

View Execution									11
Internal Reference Namber					Search				
Product Processor	Request Type	Contract ID	Request Reference Number			Internal Reference Number	Execution Date	Mode	Status
OFLO	Score, Decision & Pricing	125	UcEmhf93pf1\/cEmhf93pf1\/c	Emht93pf1XcEmht93pf1YcEmht93pf1ZcEmht93pt10dEmht	93pt11dEmht93pt12dEmht93pt13dEmht93pt14dEmht93pt15dEmht93pt1	lbaab2e3-80d0-4661-a27e-67eab0a4f7f3	Sep 30, 2020	Online	Success
Valid	ation Model PASS	Borroo	ning Capacity 6000.00	Qualitative Score 60	Quantitative Score 90	Decision & Grade MinimaQueouB Grade : A		Pricing 5 %	
Eligibility Code : BRC502					Eligibility Description : BRC502				
Requested Amount 35000	Borrowing Capacity 6000.00	Fact MaxLendAmt	Rule ID BRCRULE						

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

Field	Description
<eligibility code=""></eligibility>	Displays the eligibility code resolved for calculating the borrowing capacity. Click the hyperlink to view the rule executed to resolve the borrowing capacity.
Show Rule Log	Click to see the rule log.
•	Click to expand the rule.
Expression	Displays the expression of the rule.
Input	Displays the input of the rule.
Value	Displays the value of the rule.
Eligibility Description	Displays the eligibility description resolved for calculating the borrowing capacity.
Requested Amount	Displays the requested amount for the lending application.
Borrowing Capacity	Displays the maximum lendable amount that can be given for an application.
Fact	Displays the fact using which the maximum lendable amount was calculated.
Rule ID	Displays the rule ID executed for calculating the maximum lendable amount.
Show Rule Log	Click to see the rule log.
*	Click to expand the rule.
Expression	Displays the expression of the rule.
Input	Displays the input of the rule.
Value	Displays the value of the rule.

Table 3-104 Borrowing Capacity Widget - Field Description

The following fields are displayed once you click the **Qualitative Score** widget.

		1	Search			
duct Processor Request Type	Contract ID Request Reference 1	unber	Internal Reference Numi	er Execution Date	Mode	Status
LO Score, Decision	& Pricing 125 UcEmh193p11vcEr	nh93pf1WcEmh193pf1VcEmh193pf1VcEmh193pf1ZcEmh193pf10dEmh193pf11dEmh	493p112dEmh193p113dEmh193p114dEmh193p115dEmh193p11 Toeeb2e3-8ad0-4661	a27e-67eab0a4f7f5 Sep 30, 2020	Online	Succe
Validation Model	Borrowing Capacity 6000.00	Qualitative Score 60	Quantitative Score 90	Decision & Grade Venzol & Grade : A	Pricing 5 %	
oring Model Code : APPLQAL502		Description : Qualitative scoring model APPLQAL502	Application	Score : 🔯 🔍		
icants	Mrs Amy A Anderson	Scoring Model Code : APCT311	Description : Qualitative scoring model APCT311	Weightage Score : 70 🔍		
ire : 70 James A Anderson ire : 60	Graph View	Data View				
	@ @					
	70					
	60					
	alog de					
	50 E					
	20			- 1		
	10					

Figure 3-101 Qualitative Score Widget – Bar Graph View

Figure 3-102 Qualitative Score Widget – Pie Graph View



Figure 3-103 Qualitative Score Widget – Data View

'iew Execution					
ernal Reference Number			Search		
Product Processor Request Type	Contract ID Reques	: Reference Number	Internal Reference	Number Execution Da	ate Mode Statu
OFLO Score, Decisi	ion & Pricing 123 UcEm	rP3pf1VcEmhf93pf1WcEmhf93pf1XcEmhf93pf1YcEmhf93pf1ZcEmhf93pf1DdEmhf93pf1Id	Emhf93pf12dEmhf93pf13dEmhf93pf14dEmhf93pf15dEmhf93pf1 1baab2e3-8dd0-	-4661-a27e-67eab0a4f7f5 Sep 30, 202	20 Online Succ
Validation Model	Borrowing Capec 6000.00	ty Qualitative Score 60	Quantitative Score 90	Decision & Grade ManualQueue8 Grade : A	Pricing 5 %
Scoring Model Code : APPLQAL502		Description : Qualitative scoring model APPLQAL502	Applic	ation Score : 🔯 🛛	
pplicants	Mrs Amy A Anderson	Scoring Model Code : APCT311	Scoring Model Code : APCT311 Description : Qualitative scoring model APCT311		
Score : 60	Graph View Scoring Details	Data View			
	Question Code	Question		Value	Score
	TypeOfResident	Applicant Resident Type		Rented	70
	AgeOfResidence	Number of years the applicant staying at present address		Less than 2 year	70
	EmploymentDuration	How many years in current employment		Less than 2 year	70



Field	Description
<scoring code="" model=""></scoring>	Displays the scoring model code resolved for credit decision.
	• When Is Application Decision Required is Yes , the application level decision scoring code is displayed.
	• When Is Application Decision Required is No , the applicant level decision scoring code is displayed.
	• When Is Application Decision Required is No and Is Primary Applicant is No , the application level scoring code is displayed.
Description	Displays the scoring model description resolved for credit decision.
Weightage Score/ Application Score	Displays the qualitative credit score post credit decision of the application.
	 When Is Application Decision Required is Yes, the field name is displayed as Application Score. The system performs the aggregation, which can be minimum, maximum or average of all applicant's score. The aggregation performed is defined as rules and linked at the application level scoring model and this aggregated score is displayed. When Is Application Decision Required is No, the field name is displayed as Weightage Score. The score is displayed by resolving the applicant level scoring model. When Is Application Decision Required is No, and Is Primary Applicant is No, the field name is displayed as Weightage Score. The score is displayed by resolving the applicant level scoring model. When Is Application Decision Required is No, and Is Primary Applicant is No, the field name is displayed as Application Score. The system performs the aggregation, which can be minimum, maximum or average of all applicant's score. The aggregation performed is defined as rules and linked at the application level scoring model and this aggregated score is displayed.
(i)	Hover this icon to get the information about the formula for calculation of score.
<applicant name=""></applicant>	Displays the applicant names present in the application.
<score></score>	Displays the weighted credit score post credit decision of the application.
	The score is calculated for each applicant by resolving the applicant level scoring model.
<applicant name=""></applicant>	Displays the applicant names present in the application.
Scoring Model Code	Displays the applicant level scoring model code resolved for credit decision.
Description	Displays the applicant scoring model description.
Weightage Score	Displays the weighted credit score post credit decision of the application.
0	Hover this icon to get the information about the formula for calculation of score.

Table 3-105 Qualitative Score Widget - Field Description

Field	Description
Graph View	Two graphical views are available.
	Bar Graphs
	The details are shown as a graphical representation as bar charts.
	List of question ID on the X-axis
	Score on the Y-axis.
	Based on the evaluation of the category, the questions are shown in a particular color based on the maintenance done in the lookups screen.
	Pie Charts
	The details are shown as a graphical representation as pie charts.
	The calculation logic for the question is (Score of the question/ Weightage score of the applicant)*100. The pis is shown from a pool of colors available/defined in the code.
Data View	The scoring details are shown as mentioned below in data view.
Question Code	Displays the question code resolved for the applicant in the scoring model.
Question	Displays the question description resolved for the applicant in the scoring model.
Value	Displays the response received for the question in the payload.
Score	Displays the score calculated for the question based on the range and the response.
	In case any question was optional for which the response was not received, NA will be displayed.

Table 3-105 (Cont.) Qualitative Score Widget - Field Description

The following fields are displayed once you click the **Quantitative Score** widget.

Figure 3-104 Quantitative Score Widget – Bar Graph View


ternal Reference Number				Search				
Product Processor	Request Type	Contract ID	Request Reference Number		Internal Reference Number	Execution Date	Mode	Status
OFLO	Score, Decision & Pricing	123	UcEmh195p11vcEmh195p11vcEmh195p11vcEmh195p11vcEmh193p112cEmh195p110dEmh195p110d	Emht93pt12dEmht93pt13dEmht93pt14dEmht93pt15dEmht93pt1	Toesb2e5-8dd0-4661-a27e-67eab0a4f7f5	Sep 30, 2020	Online	Success
Valic	lation Model	Borrowin 600	g Capacity Qualitative Score 10.00 60	Quantitative Score 90	Decision & Grade MenualQueue8 Grade : A		Pricing 5%	
Scoring Model Code : M	AAPP502		Description : MAPP502		Weightage Score : 🔯 🔍			
Applicants Mrs Amy A Anderson			Scoring Model Code: MAPPS02	Description : MAPP502	Weightage Score : 🔯 🔍			
Mr James A Anderson	1000 B	Graph View	Data View					
		G						
								MPICS
				100%				

Figure 3-105 Quantitative Score Widget – Pie Graph View

Figure 3-106 Quantitative Score Widget – Data View

View Execution								12
Internal Reference Number				Search				
Product Processor	Request Type	Contract ID Request Refe	rence Namber		Internal Reference Number	Execution Date	Mode	Status
OFLO	Score, Decision & Pricing	123 UcEmhf93p	flvcEmhf93pflWcEmhf93pflXcEmhf93pflVcEmhf93pflZcEmhf93pf	IOdEmhf93pf11dEmhf93pf12dEmhf93pf13dEmhf93pf14dEmhf9	3pf15dEmh193pf1 1baab2e3-8dd0-4661-a27e-67eab0a4f7f3	Sep 30, 2020	Online	Success
Velidetic	m Model	Borrowing Capacity 6000.00	Qualitative Score 60	Quantitative Score 90	Decision & Grade Monacle Acades Grade : A		Pricing 5%	
Scoring Model Code : MAP	P502		Description : MAPP502		Weightage Score : 🔯 🔍			
Applicants			Scoring Model Code: MAPPS02	Description : MAPPS02	Weightage Score			
Mrs Amy A Anderson Mr James A Anderson	Scoring Details	Graph View	Data View					
	Feature		Range Type	Weightage %	Score Weightage	icore		
	MFICOAPP		ParamPercent	100	90 90			

Field	Description
<scoring code="" model=""></scoring>	Displays the scoring model code resolved for credit decision.
	 When Is Application Decision Required is Yes, the applicationlevel decision scoring code is displayed. When Is Application Decision Required is No, the applicant level decision scoring code is displayed. When Is Application Decision Required is No and Is Primary Applicant is No, the multi applicant level scoring code is displayed. Click the hyperlink to view the rule executed to resolve the quantitative score.
Show Rule Log	Click to see the rule log.
•	Click to expand the rule.
Expression	Displays the expression of the rule.
Input	Displays the input of the rule.
Value	Displays the value of the rule.



Field	Description		
Description	Displays the scoring model description resolved for credit decision.		
Weightage Score	Displays the weightage score post credit decision of the application.		
	 When Is Application Decision Required is Yes, the system performs the aggregation, which can be minimum, maximum or average of all applicant's score. The aggregation performed is defined as rules and linked at the application level scoring model and this aggregated score is displayed. When Is Application Decision Required is No, the score is displayed by resolving the applicant level scoring model. When Is Application Decision Required is No and Is Primary Applicant is No, the score is displayed by resolving model. In case of Is Application Decision Required is Yes, the system 		
	displays the hyperlink on the weightage score value. It shows the aggregate rule details.		
<applicant name=""></applicant>	Displays the applicant names present in the application.		
<score></score>	Displays the weighted credit score post credit decision of the application.		
	The score is calculated for each applicant by resolving the applicant level scoring model.		
	In case of multi applicant scenario, weightage score per applicant is not shown.		
<applicant name=""></applicant>	Displays the applicant names present in the application.		
Scoring Model Code	Displays the applicant level scoring model code resolved for credit decision.		
	Applicant level scoring model is applicable for the below case.		
	 If Is Application Decision required is Yes If Is Application Decision Required is No, and Is Primary Applicant is Yes 		
	Multi applicant level scoring model is applicable in the below case.		
	If Is Application Decision Required is No , and Is Primary Applicant is No . Click the hyperlink to view the rule executed to resolve the quantitative score.		
Show Rule Log	Click to see the rule log.		
•	Click to expand the rule.		
Expression	Displays the expression of the rule.		
Input	Displays the input of the rule.		
Value	Displays the value of the rule.		
Description	Displays the applicant scoring model description.		
Weightage Score	Displays the weighted credit score post credit decision of the application.		
	The weightage score is calculated for each applicant by resolving the applicant scoring model.		
	In case of multi applicant scoring model, for both the applicant the same score is shown since the score is not calculated per applicant.		

Table 3-106 (Cont.) Quantitative Score Widget - Field Description



Field	Description
0	calculation of score.
Graph View	 Two graphical views are available. Bar Graphs The details are shown as a graphical representation as bar charts. List of features on the X-axis Weightage Score on the Y-axis. Based on the evaluation of the category, the feature are shown in a particular color based on the maintenance done in the lookups screen.
	Note: For Multi Applicant scoring model all graphs is shown in the same color, as category evaluation is not applicable.
	• Pie Charts The details are shown as a graphical representation as pie charts. The calculation logic for the feature is (Weighted score of the feature/ Weightage score of the applicant)*100. The pie is shown from a pool of colors available/defined in the code.
Data View	The scoring details are shown as mentioned below in data view.
Feature	Displays the features resolved for the applicant in the scoring model. Click the hyperlink to view the rule executed to resolve the quantitative score.
Show Rule Log	Click to see the rule log.
•	Click to expand the rule.
Expression	Displays the expression of the rule.
Input	Displays the input of the rule.
Value	Displays the value of the rule.
Value	Displays the value of the feature.
Range Type	Displays the range type for the feature.
Range	Displays the range resolved for the feature value for score resolution.
Weightage %	Displays the weightage defined for the feature in the scoring model.
Score	Displays the score calculated for the feature based on the range and feature value.
Weightage Score	Displays the weighed credit score post credit decision of the application.

Table 3-106 (Cont.) Quantitative Score Widget - Field Description

The following fields are displayed once you click the **Decision and Grade** widget.

Figure 3-107 Decision and Grade Widget

View Execution							11
ternal Reference Number			Search				
Product Processor Request Type	Contract ID Request Reference Number			Internal Reference Number	Execution Date	Mode	Status
OFLO Score, Decision & Pricing	123 UcEmint93pt1VcEmint93pt1VicEmint	#93pf1XcEmhf93pf1HcEmhf93pf1ZcEmhf93pf10dEmhf93pf11d	Emht93pt12dEmht93pt13dEmht93pt14dEmht93pt15dEmht93pt1	Ibaab2e3-8kki0-4661-a27e-67eab0a4f7f3	Sep 30, 2020	Online	Success
Validation Model	Borrowing Capacity 6000.00	Qualitative Score 60	Quantitative Score 90	Decision & Grade Margade Costs Grade : A		Pricing 5 %	
Model Code : DGM5034	Model Description : DGM5034		Decision: ManualQueues	Grade : A			
Decision							
QuantitativeScore	QuantitativeScore Range	QualitativeScore	QualitativeScore Range	Decision			
90.00	0-100	60.0	50-200	ManualQu	зueB		
Grade							
QuantitativeScore	QuantitativeScore Range	QualitativeScore	QualitativeScore Range	Grade			
90.00	0-100	60.0	50-200	A			

Table 3-107	Decision and Grade Widget - Field Description
-------------	--

Field	Description
<model code=""></model>	Displays the model code resolved for credit decision and grade.
Show Rule Log	Click to see the rule log.
•	Click to expand the rule.
Expression	Displays the expression of the rule.
Input	Displays the input of the rule.
Value	Displays the value of the rule.
Model Description	Displays the model description resolved for credit decision and grade.
Decision	Displays the credit decision taken for the application.
Grade	Displays the scoring grade post credit decision of the application.
Quantitative Score	Displays the quantitative score calculated for the application. If the feature is rule based, system displays the hyperlink.
Show Rule Log	Click to see the rule log.
*	Click to expand the rule.
Expression	Displays the expression of the rule.
Input	Displays the input of the rule.
Value	Displays the value of the rule.
Quantitative Score Range	Displays the range resolved for the quantitative score value for score resolution.
Qualitative Score	Displays the qualitative score calculated for the application.
Qualitative Score Range	Displays the range resolved for the qualitative score value for score resolution.
Decision	Displays the credit decision taken for the application.
Rule ID	Displays the decision taken for the application. Click the hyperlink to view the rule executed.
Show Rule Log	Click to see the rule log.
•	Click to expand the rule.
Expression	Displays the expression of the rule.
Input	Displays the input of the rule.



Field	Description		
Value	Displays the value of the rule.		
Qualitative ScoreDisplays the qualitative score calculated for the application.If the feature is rule based, system displays the hyperlink.			
Show Rule Log	Click to see the rule log.		
•	Click to expand the rule.		
Expression	Displays the expression of the rule.		
Input	Displays the input of the rule.		
Value	Displays the value of the rule.		
Qualitative Score Range	Displays the range resolved for the qualitative score value for score resolution.		
Quantitative Score	Displays the quantitative score calculated for the application.		
Quantitative Score Range	Displays the range resolved for the quantitative score value for score resolution.		
Grade	Displays the scoring grade taken for the application.		

Table 3-107 (Cont.) Decision and Grade Widget - Field Description

The following fields are displayed once you click the **Pricing** widget.

Figure 3-108 Pricing Widget

View Execut	ion							;; ×
Internal Reference Nur	iber			Search				
Product Processor	Request Type	Contract ID Request Reference No	mber		Internal Reference Namber	Execution Date	Mode	Status
OFLO	Score, Decision & Pricing	123 UcEmhf93pf1VcEm	rf93pf1NicEmhf93pf1XicEmhf93pf11cEmhf93pf12cEmhf93pf10dEm	ht93pt11dEmht93pt12dEmht93pt13dEmht93pt14dEmht93pt15dEmht93pt1	1baab2e3-8dd0-4661-a27e-67eab0a4f7f5	Sep 30, 2020	Online	Seccess
	Validation Model	Borrowing Capacity 6000.00	Qualifative Score 60	Quantitative Score 90	Decision & Grade ManualQueue8 Grade : A		Priding 5 %	
Pricing Model Co	de : PRSIO	Model Descriptio	n : PR510 with CDS_Grade	Rate Type : Flat	Rate Percentage : 5 %			

 Table 3-108
 Pricing Widget - Field Description

Field	Description
<pricing model<br="">Code></pricing>	Displays the pricing model code resolved for credit decision. Click the hyperlink to view the rule executed to resolve the pricing model.
Show Rule Log	Click to see the rule log.
٨	Click to expand the rule.
Expression	Displays the expression of the rule.
Input	Displays the input of the rule.
Value	Displays the value of the rule.
Model Description	View the pricing model description resolved for credit decision.
Rate Type	View the rate type applicable post credit decision.
Rate Percentage	View the rate applicable post credit decision.
Loan Amount	View the eligible loan amount for the application.
Loan Tenure	View the loan tenure for the application.



Field	Description
Loan Amount Range	View the range resolved for the loan amount value.
Loan Tenure Range	View the range resolved for the loan tenure value.
Rate %	View the rate applicable post credit decision.

 Table 3-108
 (Cont.) Pricing Widget - Field Description

The following fields are displayed once you click the Charge widget.

Figure 3-109 Charge Widget

View Execution							:: ×
Internal Reference Number				Search			
Product Processor	Request Type	Contract ID	Request Reference Number	Internal Reference Number	Execution Date	Mode	Status
OFLO	Charge	123	UcqrztbQPq1VcqrztbQPq1WcqrztbQPq1	IXcqrztbQPq1YcqrztbQPq1Zcqr ae58ed88-e934-47d3-ab75-665e2bdbbe28	September 30, 2020	Online	Success
		Char	ge		Charge		
Charge Code :UITEST2 Minimum Amount : CAS	5.00		Description :UITEST2 Description Maximum Amount : CA\$100.00	Charge Type :Fixed Percentage Basis of : CA\$15,000.00	Charge Percentage(%) :1.5 Charge Amount : CA\$100.00		

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

Table 3-109 Charge Widget - Field Description

Field	Description
<charge code=""></charge>	Displays the Charge code evaluated for credit decision.
Description	Displays the description of the charge code.
Charge Type	Displays the type of the charge code.
Charge Percentage(%)	Displays of percentage of the charge code.
Minimum Amount	Displays the minimum amount.
Maximum Amount	Displays the maximum amount.
Basis of	Displays the attribute on which the percentage is applied
Charge Amount	Displays the charge amount computated. Click the hyperlink to view the rule executed to resolve the pricing model.
Logic	Displays the logic on which the charge amount has been calculated.
Amount	Displays the amount.
Charge Amount	Displays the charge amount calculated.
Charge to be Applied	Displays the charge applied.

3.19 Integrating Decision Service with Oracle Banking Routing Hub

This topic describes the information to integrate the Decision service with Oracle Banking Routing Hub.



This topic contains the following subtopics:

- Oracle Banking Routing Hub Configuration This topic describes the information about Oracle Banking Routing Hub Configuration for the Decision service.
- Oracle Banking Origination to Decision Service Configuration This topic describes the information about Oracle Banking Origination to Decision Service Configuration

3.19.1 Oracle Banking Routing Hub Configuration

This topic describes the information about Oracle Banking Routing Hub Configuration for the Decision service.

- Service Consumers
 This topic describes systematic instructions to configure the service consumers.
- Service Providers This topic describes the systematic instructions to configure the service providers.

3.19.1.1 Service Consumers

This topic describes systematic instructions to configure the service consumers.

The **Service Consumer** is an Oracle product that invokes Oracle Banking Routing Hub API. Oracle Banking Routing Hub analyses, evaluates the destination product processor and, transforms the data into a format of the same.

The Service Consumer comprises the source and destination integration details.

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

- 1. On Home screen, click Core Maintenance. Under Core Maintenance, click Routing Hub.
- 2. Under Routing Hub, click Service Consumers.

The Service Consumers screen displays.

Figure 3-110 Service Consumers

Service Consume	rs						;:×
🗅 Add 🔄 Import	Search Q]					
OBIC_FCUBS	TestConsumer	OBLM	BLM	1-bbbb	OBLM_JKM	Testing	:
OBLM_DDA	BLM_629_test	OBLM-NEW	BLM	1_Mashreq			
Page 1	of 2 (1 - 10 of 14 items)	K ← 1 2 → N					

Add Service Consumer

3. Click Add.

The Add Service Consumer screen displays.



ime		Audit Type
		Service level configuration
	Required	
Environment Vari	iables	
Lt Add V		
oup		
Select	-	
	Required	
Actions	Name	Value

Figure 3-111 Add Service Consumer

4. Specify the fields on Add Service Consumer screen.



Table 3-110 Add Service Consumer - Field Description

Field	Description
Name	 Specify the name of the service consumer. Note: Enter 0 to maximum of 255 characters. No numeric value at beginning and no space allowed.



FieldDescriptionAddTo add, refer to step 5. Select the group from the drop-down list. The available options are: • Group • VariableGroupSelect the group from the drop-down list.ActionSelect the group from the drop-down list.NameDisplays the action. The user can edit or delete the header.ValueDisplays the value of the header.		
AddTo add, refer to step 5. Select the group from the drop-down list. The available options are: • Group • VariableGroupVariableGroupSelect the group from the drop-down list.ActionDisplays the action. The user can edit or delete the header.NameDisplays the name of the header.ValueDisplays the value of the header.	Field	Description
The available options are:GroupVariableGroupSelect the group from the drop-down list.ActionDisplays the action. The user can edit or delete the header.NameDisplays the name of the header.ValueDisplays the value of the header.	Add	To add, refer to step 5. Select the group from the drop-down list.
Group Select the group from the drop-down list. Action Displays the action. The user can edit or delete the header. Name Displays the name of the header. Value Displays the value of the header.		The available options are: • Group • Variable
ActionDisplays the action. The user can edit or delete the header.NameDisplays the name of the header.ValueDisplays the value of the header.	Group	Select the group from the drop-down list.
Name Displays the name of the header. Value Displays the value of the header.	Action	Displays the action. The user can edit or delete the header.
Value Displays the value of the header.	Name	Displays the name of the header.
	Value	Displays the value of the header.

Table 3-110 (Cont.) Add Service Consumer - Field Description

Environment Variables:

The user must define the group of variables which can be accessed throughout the specific consumer's configuration.

The syntax for accessing environment variables is below: \$env.Environment_Group_Name.Environment_Variable_Name

For example, \$env.COMMON.BRANCH_CODE

- 5. To add Environment Variables, follow below steps.
 - a. On Add Service Consumers, click Add and select Group from drop-down list to add the group.

The Add Environment Group screen displays.

Figure 3-112 Add Environment Group

Add Environme	it Group	
Name		
	Required	
		OK

b. Specify the fields on Add Environment Group screen and click OK.





Field	Description			
Name	Specify the name of the environment group.			
	 Note: Enter 0 to maximum of 255 characters. No numeric value at beginning and no space allowed. 			

Table 3-111 Add Environment Group - Field Description

c. Click Add on Add Service Consumer screen and select Variable from drop-down list to add the variable.

The Add Environment Variable screen displays.

Figure 3-113 Add Environment Variable

Add Environmer	it Variable	×
Name		
	Required	
Value		
]
		UK

d. Specify the fields on Add Environment Variable screen and click OK.





Field	Description
Name	Specify the name of the environment variable.
	 Note: Enter 0 to maximum of 255 characters. No numeric value at beginning and no space allowed.
Value	Specify the value of the environment variable. The value can either be hardcoded or Velocity mapping.

Table 3-112 Add Environment Variable - Field Description

6. Click **Save** to save the details.

The **Confirmation** screen displays.

Figure 3-114 Confirmation - Add Service Consumers



8. Click Import.

The Import Service Consumer screen displays.



File			
		Select	Extract
Name			
Requ	ired		
Overwrite extended templates			
🔾 Yes 💿 No			
 Service Providers 			
	Name		
No data to display.			

Figure 3-115 Import Service Consumer

9. Specify the fields on Import Service Consumer screen and click OK.



 Table 3-113
 Import Service Consumer - Field Description

Field	Description
File	Select the file using Select .
	Note: Allows only to select one file and accepts only JSON file.
Extract	Extracts the consumer name and service provider list from JSON file and displays it in the respective elements.



Field	Description
Name	Specify the name of the service provider.
	 Note: Enter 0 to maximum of 255 characters. No numeric value at beginning and no space allowed.
Name	Displays the list of service providers names that are present in JSON file.

Table 3-113 (Cont.) Import Service Consumer - Field Description

10. Click **Import** to import the selected file.

The **Confirmation** screen displays.

Figure 3-116 Confirmation - Import Service Consumer



11. Click **Confirm** to import the service consumer.

Note:

Below data needs to be changed after importing provider configuration file:

- Implementation Host and Port
- Implementation Authentication Password

View Service Consumer

12. Click 3 dots button (operation menu) and click View.

The View Service Consumer screen displays.



Actions	Name	Value	
Select	•		
Group			
 Environment Variables 			
DBLM_Mashreq			
lame	Aud	dit Type	
lew Service Consumer			D

Figure 3-117 View Service Consumer

The user can click edit button to edit the **Service Consumer**.

Edit Service Consumer

13. Click 3 dots button (operation menu) and click **Edit**.

The Edit Service Consumer screen displays.

Figure 3-118 Edit Service Consumer

Name		Audit Type	
OBLM_Mashreq		Select	
			Requ
 Environment Variable 	es		
Add ▼			
Group			
Select	•		
	Required		
Actions	Name	Value	
No data to display.			



14. Click **Save** once the edit is done.

The **Confirmation** screen displays.

Figure 3-119 Confirmation - Edit Service Consumer

	Confirmation	×
	Do you want to save the record?	
	Cancel	
15.	Click Confirm to save the record.	

Delete Service Consumer

16. Click 3 dots button (operation menu) and click **Delete**.

The **Confirmation** screen displays.

Figure 3-120 Confirmation - Delete Service Consumer

Confirmation	×	
Do you want to delete the record?		
	Cancel	

17. Click **Confirm** to delete the record.

Export Service Consumer in JSON

18. Click 3 dots button (operation menu) and click Export. Select JSON.

The **Export Service Consumer** screen displays.



Export	Service Consumer	×
Name		
OBLN	/_Mashreq	
✓ Ser	vice Providers	
	Name	
	FCUBS-IFService 14.5	
	FCUBS-CoreService 14.5	
	00014-014040-40-414-4	
		Export

No.	ote:				
•	The user has an option to select service providers from the list which needs to be exported or can click on select all for all service providers.				
•	Th	e JSON Export feature exports below data:			
	_	Selected service consumer			
	_	All consumer services			
	_	Selected service providers with services			
	-	Default implementation of selected service providers with services (without Host, Port and Authentication Password)			
	_	Default transformations			
	-	All default implementation routes			
alaat the	rod	uired convice providers and eliek Expert			

19. Select the required service providers and click $\ensuremath{\text{Export}}.$

The **Confirmation** screen appears.



Figure 3-122 Confirmation - Export Service Consumer in JSON

20. Click Confirm to export in JSON.

Export Service Consumer in SQL

21. Click Export and select SQL.

The **Confirmation** screen appears.

Figure 3-123 Confirmation

Confirmation	×
Do you want to export? Note: Sensitive data such as Implementation Host, Port and I be exported	assword will not
	Cancel

Note:

The SQL Export feature exports entire configuration without Host, Port, and Authentication Password details.

22. Click Confirm to export the Service Consumer in SQL.

3.19.1.2 Service Providers

This topic describes the systematic instructions to configure the service providers.

The Service Providers are the product processors configure to process request send by oracle banking routing hub on behalf of service consumers. It comprises of the destination integration details.

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

1. On Home Screen, click Core Maintenance, Under Core Maintenance, click Routing Hub.



- 2. Under Routing Hub, click Service Consumers.
- 3. On Service Consumers screen, click the required service consumer.

The Service Providers screen displays.

Figure 3-124 Service Providers

Service Consumers	::×
OBIC_FCUBS	
Service Providers Consumer Services	
C: Add C: Import Search Q	
FCUBS : Version 14.5 Type EXTERNAL Status ACTIVE	
Page 1 of 1 (1-1 of 1 items) < (1 →)	

To Add Service Provider

4. Click Add.

The Add Service Provider screen displays.

Figure 3-125 A	dd Ser	vice P	rovider
----------------	--------	--------	---------

Required	Select	Required	
Required		Required	
	Active		
Required			
Name		Value	
URL			
▼ VPATUSER1		Import	
	Operation		
	VPATUSER1	Name URL VPATUSER1 Operation	Name Value URL

5. Specify the fields on Add Service Provider screen.

Note:

The fields marked as **Required** are mandatory.

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

Table 3-114 Add Service Provider - Field Description

Field	Description	
Product Name	Specify the product name of the service provider.	
	 Enter 0 to maximum of 255 characters. No numeric value at beginning and no space allowed. 	
Туре	Select the type of service provider from drop-down list The available options are: INTERNAL EXTERNAL	
Version	Specify the provider version.	
	 Note: Enter 0 to maximum of 255 characters. Only numeric or decimal values are allowed. 	
Active	Predefined values are Active / Inactive If provider is marked as inactive, then all related routes will be stopped.	
Add	To add, refer to step 4.	
Actions	Displays the action. The user can edit or delete the header.	
Name	Displays the name of the header.	
Value	Displays the value of the header.	
Туре	Select the type of service from drop-down list. The available options are: • WSDL • SWAGGER	
URL	Specify the service URL of the file location.	
Import	Click Import to extract the service information from URL.	
Service	Displays the extracted service from the selected URL.	
Operation	Displays the extracted operation from the selected URL.	

Headers

External product processor might require some standard headers to be passed along with the request. User can specify the headers which are required by service endpoints for its all implementations but not present in swagger file.

- 6. To add **Headers**, follow below steps.
 - a. Click Add.

The Add Header screen displays.

Figure 3-126 Add Header

Add Header		>
Name		
	Required	
Value		
		ОК

b. Specify the fields on Add Header screen and click OK.



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

Table 3-115 Add Header - Field Description

Field	Description
Name	Specify the name of the header.
Value	Specify the value of the header.

7. Click **Save** to save the details.

The Confirmation screen displays.



	Confirmation	>	
	Do you want to save the record?		
		Cancel	
8.	Click Confirm to save the record.		
Imp	port Service Provider		
9.	Click Import.		
	The Import Service Provider screen displays.		

Figure 3-128 Import Service Provider

File	
	Select



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

 Table 3-116
 Import Service Provider - Field Description

Field	Description
File	Select the file using Select button.
	Note: Allows only to select one file and accepts only JSON file.

10. Click **Import** to import the selected file.

The **Confirmation** screen displays.

command	n		
Do you want to i Note: Kindly upo imported	mport? ate the Implementation	Host, Port and Pass	word once

Figure 3-129 Confirmation - Import

Note:

Below data needs to be changed after importing provider configuration file:

- Implementation Host and Port
- Implementation Authentication Password
- **11.** Click **Confirm** to import the record.

View Service Provider

12. Click 3 dots button (operation menu) and click View.

The View Service Provider screen displays.

Figure 3-130 View Service Provider

View Service Provider		× C
Product Name	Туре	
FCUBS	EXTERNAL	
Version 14.5	Active On	
> Headers		
✓ Service		
Service	Operation	
FCUBSIFService (FCUBSIFServiceSEI)	ModifyExtAccEcaEntriesIO	
FCUBSIFService (FCUBSIFServiceSEI)	CreateExtAccEcaEntriesIO	
FCUBSIFService (FCUBSIFServiceSEI)	ModifyEXTClgStatusFS	
FCUBSIFService (FCUBSIFServiceSEI)	CreateExtAccEntriesFS	



The user can click edit button to edit the **Service Provider**.

Edit Service Provider

13. Click 3 dots button (operation menu) and click Edit.

The Edit Service Provider screen displays.

Figure 3-131 Edit Service Provider

Edit Service Provider						
Product Name			Туре			
FCUBS			EXTERNAL	•]	
Version			Active			
14.5						
✓ Headers						
P₊ Add						
Actions		Name	Value	e		
No data to display.						
✓ Service						
Туре	URL					
WSDL -				Import		
			Required	1		
Service			Operation			
FCUBSIFService (FCUBSIFSe	rviceSEI)		ModifyExtAccEcaEntriesIO			
FCUBSIFService (FCUBSIFSe	rviceSEI)		CreateExtAccEcaEntriesIO			
FCUBSIFService (FCUBSIFSe	rviceSEI)		ModifyEXTClgStatusFS			
FCUBSIFService (FCUBSIFSe	rviceSEI)		CreateExtAccEntriesFS			
						Save

14. Click Save once the edit is done.

The **Confirmation** screen displays.

Figure 3-132	Confirmation	 Edit Service 	Provider
--------------	--------------	----------------------------------	----------

Confirmation		×
Do you want to save the record?		
	Cancel	Confirm



15. Click Confirm to save the record.

Delete Service Provider

16. Click 3 dots button (operation menu) and click Delete.

The **Confirmation** screen displays.

Figure 3-133 Confirmation - Delete Service Provider



17. Click **Confirm** to delete the record.

Export Service Provider

18. Click 3 dots button (operation menu) and click **Export**.

The Confirmation screen displays.

Figure 3-134 Confirmation - Export Service Provider

Confirmation	×
Do you want to export? Note: Sensitive data such as Implementation Host, Port and Password will not be exported	
Cancel	nfirm

Note:

The following data cannot be exported:

- Implementation Host
- Implementation Port
- Implementation Authentication Password

The above data needs to be configured manually after importing the configuration file. Same has been mentioned in Import section.

19. Click **Confirm** to export the record.



3.19.2 Oracle Banking Origination to Decision Service Configuration

This topic describes the information about Oracle Banking Origination to Decision Service Configuration

This topic contains the following subtopics:

• Fetch Credit Decision This topic describes about the figures for the fetch credit decision.

3.19.2.1 Fetch Credit Decision

This topic describes about the figures for the fetch credit decision.

Figure 3-135	Fetch	Credit	Decision –	Header
--------------	-------	--------	-------------------	--------

View Transformation		
Name	Active	
FCUBS-CREATEEXTACCECAENTRIES	On	
Product Processor		
Deeduct Decessor	Inclassation	Camila
FOLIDE IEEee int 14.4	ECUBE (EConcise Default	Service
FCUBS-IFService 14.4	FCOBS-IFService_Default	FCOBSIESERVICE (FCOBSIESERVICESE
 Service 	0	
Service	Operation	
FCUBSIFService (FCUBSIFServiceSEI)	CreateExt	tAccEcaEntriesFS
✓ Headers		
Actions	Name	Value
No data to display.		
 Request Transformation 		
Template Type		
VELOCITY		
Template		
<soapenv:envelope <="" td="" xmlns:soapenv="ht</td><td>ttp://schemas.xmlsoap.org/soap/e</td><td>nvelope/"></soapenv:envelope>		
<pre><minstrcub="nttp: fcubs.otss.com="" ser<br=""><createextaccecaentries_fsfs_f< pre=""></createextaccecaentries_fsfs_f<></minstrcub="nttp:></pre>	rvice/+CUBSCoreService> <soapen REQ xmlns="http://fcubs.ofss.com/</soapen 	v:Header/> <soapenv:body> /service/FCUBSIFService"></soapenv:body>
<fcubs_header> <source/>EXTSVS</fcubs_header>		
<fcubs_header> <source/>EXTSYS <ubscomdsecubscomds< td=""><td></td><td></td></ubscomdsecubscomds<></fcubs_header>		
<pcubs_header> <source/>EXTSYS <ubscomdscubscubscomds Extended Template</ubscomdscubscubscomds </pcubs_header>		
<pcubs_header> <source/>EXTSYS <ubccomplctubc< ubccomps<br="">Extended Template</ubccomplctubc<></pcubs_header>		
<pcubs_header> <source/>EXTSYS <0.00000000000000000000000000000000000</pcubs_header>		



View Transformation			× D
Name		Active	
TRANSFORMATION1		On	
✓ Product Processor			
Product Processor		Implementation	
EXPERIAN 14.4		EXPERIAN_Default	
Service			
CreditReports - /v2/cre	dit-report		
to Comico			
 Service 		Operation	
POST /consumerservi report	ces/credit-profile/v2/credit-	CreditReports	
✓ Headers			
Actions Name		Value	
Accept		application/json	
Authorizat	ion	Bearer \$body.access_token	
clientRefer	enceld	SBMYSQL	
✓ Path Parameters			
Actions	Name	Value	
No data to display.			
✓ Query Parameters			
Actions	Name	Value	
No data to display.			
✓ Request Transforma	ation		
Body Type		Template Type	
RAW		VELOCITY	
Template			
{ #set(\$body = \$sn "consumerPii": {	apshot.get(0).body)		
"primaryAppl "name":	icant": { {		

Figure 3-136 Fetch Credit Decision – Transformation



Extended Template

Figure 3-137 Consumer Services

Service Consumers	::×
OBIC_FCUBS	
Service Providers Consumer Services	
Ct Add Ct Import Search Q	
FCUBS	
Version 14,5 Type EXTERNAL Status ACTIVE	
Page 1 of 1 (1-1 of 1 items) < < 1 > >	



4 NLP Framework

This topic describes about the NLP Framework provided in common core.

Toolkit

This topic describes the information about the toolkit used to design and train NLP / NER Model(s).

Operation

This topic describes the information about the trained models that are consumed for business processing.

• 3P Service Integration This topic provides description about the integration of third party services.

4.1 Toolkit

This topic describes the information about the toolkit used to design and train NLP / NER Model(s).

This topic contains the following subtopics:

- Use Case Definition This topic describes the information about the use case definition.
- Annotator This topic describes the information about the annotator.
- Model Training This topic describes the systematic instructions to train the model on the annoted training corpus.
- Model Management This topic describes the information about the Model Management.
- Model Import and Export Maintenance Models can be moved from one environment to another environment using Model import and export.

4.1.1 Use Case Definition

This topic describes the information about the use case definition.

The user cases are defined by the business domain. The required information to be extracted from the documents is driven by business consideration against the context of use case being defined.

The tags or entities are required for annotating or tagging the information in a source document to create training files for use case model training. These tags or entities are always driven by business considerations for a particular usage case.

The use case definition maintenance screen allows the user to define use case(s) and maintain specific list of tags for the use case.

This topic contains the following subtopics:



- View Use Case Definition This topic describes the systematic instructions to view the list of defined use cases.
- Tag Maintenance

This topic describes the systematic instructions to define use cases and maintain entities or tags for the use case.

4.1.1.1 View Use Case Definition

This topic describes the systematic instructions to view the list of defined use cases.

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

- 1. On Home screen, click Machine Learning. Under Machine Learning, click NLP Toolkit.
- 2. Under NLP Toolkit, click Use Case Definition.

The Use Case Definition screen displays.

0				
Usecase Name: Corporate Invoice	Usecase Name: Salary Slip New	Usecase Name: OBPESign	Usecase Name: PAYSLIP_ORIGINATION :	Usecase Name: read payslip data
Mod No 4	Mod No 4	Mod No 2	Mod No 4	Mod No 7
C Authorized 🔓 Open 🖾 4	🗈 Authorized 🔒 Open 🖾 4	P. Authorized 🔒 Open 🖾 2	🗈 Authorized 🔓 Open 🖾 4	🗅 Unauthorized 🔓 Open 🔯 7
Usecase Name: BANKSTATEMENT_ORIGI	Usecase Name:	Usecase Name: 4.0 Cheque Book Request	Usecase Name: PAYSLIP_REGION	Usecase Name: Bank Account Statement
Mod No 5	Mod No 1	Mod No 1	Mod No 2	Mod No 3
Authorized	🗅 Unauthorized 🔒 Open 🔯 1	🗈 Authorized 🔒 Open 🔯 1	🕒 Authorized 🔒 Open 🔯 2	🗈 Authorized 🔒 Open 🔯 3

Figure 4-1 Use Case Definition

Table 4-1 Use Case Definition – Field Description

Field	Description
Usecase Name	Displays the name of the use case.
Mod No	Displays the modification number.
Authorization Status	Displays the authorization status of the record. The options are: • Authorized • Rejected • Unauthorized
Record Status	Displays the status of the record. The options are: • Open • Closed
Modification Number	Displays the number of modification performed on the record.



4.1.1.2 Tag Maintenance

This topic describes the systematic instructions to define use cases and maintain entities or tags for the use case.

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

- 1. On Home screen, click Machine Learning. Under Machine Learning, click NLP Toolkit.
- 2. Under NLP Toolkit, click Use Case Definition.
- 3. Click + to add tag maintenance.

The Tag Maintenance screen displays.

Figure 4-2 Tag Maintenance

Tag Mai	ntenance							:: ×
Use Case Name	e Required	Description	,	Aodification Number		Straight Through Pr	ocessing	
	Tao Disolay Semience		Tag Screen Disnlay		Tag Name	Annotation Tag	Default Value	+ •
No data to d	Isplay.		Tag Juleen Display		iag name	Amotatori rag	Derout Value	
Page 1	(0 of 0 items) < ∢ 1 → >							
							Can	cel Sawe

4. specify the fields on Tag Maintenance screen.



Table 4-2 Tag Maintenance – Field Description

Field	Description
Use Case Name	Specify unique use case name. It gets populated on Save , from the last folder name from the Training Corpus Path (DOC).
Description	Specify use case description.
Mod No	Displays modification number.
Straight Through Processing	 Select one the options. Yes = Unattended No = Attended
Use Case Tags/ Entities	Specifies the use case tags entities.
Tag Display Sequence	Displays the sequence of tags.
Tag Screen Display	Displays the business name of the tag.
Tag Name	Displays the technical name of the tag.



Table 4-2 (Cont.) Tag Maintenance – Field Description

Field	Description
Annotation Tag	Used to identify tags to be used in training.
Default Value	Default value for tags not used for training.

4.1.2 Annotator

This topic describes the information about the annotator.

Annotation is the process of identifying information within a documented content and tagging them as a specific type of information. Each use case defined, have their own relevant maintained list of tags/entities, which is used to annotate source documents for a use case.



	LOAN DRAW DOWN
Description: USD 550 Million Credit Facilit	ties
Date <	Organization
Effective Borrower	has elected to borrow under the Tranche B
Term Loan Facility for a total of	Please see details below:

Annotator

This topic describes the systematic instructions to perform the annotations on a source document for a use case.

4.1.2.1 Annotator

This topic describes the systematic instructions to perform the annotations on a source document for a use case.

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

- 1. On Home screen, click Machine Learning. Under Machine Learning, click NLP Toolkit.
- 2. Under NLP Toolkit, click Annotator.

The Annotator screen displays.



coon type	Source File Definition			Document Type		
Create New Annotated File	Source File:	Source file name	Select File	Select	•	Get Labels
) Edit Annotated File	Annotated File:	Annotated File Name	Select File	Source file name		Create Training File
iginal File		Text Form			Annotations	
					Tag Name	Tag Value
					No data to display.	
Document will appear here		Document con be disp	werted to text will layed here			

Figure 4-4 Annotator

3. Specify the fields on Annotator screen.



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

Table 4-3 Annotator – Field Description

Field	Description
Action Type	Select the action type. The available options are: • Create New Annotated File • Edit Created Annotated File
Source File Definition	Select the source document from local windows explorer based on the Action Type selected.
Document Type	Displays the list of all the use cases defined under use case definition.
Get Labels	Displays the maintained Tags/entities for the selected Document Type .
Create Annotated File	 Once annotations of all the Tags are completed, this performs two outcomes as below, Create annotated text file in the defined NER train path as maintained under use case definition. Create text file in the defined DOC train path as maintained under use case definition.

Annotate the Source Files:

- 4. Select the Action Type as Create New Annotated File.
- 5. Select the **Document Type** from drop-down list.
- 6. Click Select File button next to Source File field.

The **Windows Explorer** popup screen displays.

7. Navigate and select the source document to be annotated.

The **Original File** section displays the source document and the **Text Form** section displays the text version of the document.

8. Click Get Labels.

The Annotations section displays all the maintained tags for the selected Document Type.

inota	ator											1
Action Type Source File De			Source File Defi	nition			Document Type					
Create	New Annotate	d File			Source File:		INV_6_GBP.jpg	Select File	Invoice Data		-	Get Labels
) Edit Annotated File		Annotated File:			Annotated File Name	Select File	INV_6_GBP.jpg			Create Training File		
inal File	e					~	Text Form		در	A	Annotations	
				ABC INC			ABCINC 7324 St Paul St.,				Tag Name	Tag Value
7324 St Paul Sta., New Con XI 2020 Proce '166 List 406 Circult - en sused/insection				Phone 166181986 Email mhassel@msn.com BILLTO Buyer 2003				Amount				
				ABC AUTO [PONO. 85861R36 9126 Pin Oak Dr., PO DATE 2011/10/22				Buyer Code				
Buyer- 200 ABC AUTO 9225 Pin O	B wk.Dr.,			INVOICE NO INVOICE DA' PO NO.	MH748PL TE 2011/09/23 8586/R3G 2011/10/22		Grand Island, NE 68801 DUE DATE 2011/10/26 Phone 943720930				Currency	
Grand Islar Phone- 943 Email- dave	nd, NE 68801 9-720-990 eed@live.com			DUE DATE	2011/10/26		Email daveed@live.com ITENW DESCRIPTION				Invoice Date	
1 1	DESCRIPTION Air Conditioners	PRODUCT ID CIXMAD	UNIT COST 256.52	QUANTITY 4	AMOUNT 1026.08		QUANTITY AMOUNT 1026.08 PRODUCT ID CKX4AD				Invoice Number	
							UNIT COST 256.52 Sub Total 1026.08 Discount 58.54 % VAT 89.67	600.67			Supplier Name	
				Sub Total Discount 58.54 % VAT 89.67 % Total Amount	1026.08 600.67 920.09 68P 1345.5		% 920.09 GBP 13455 If you have any question concerning 7288292, jacob.kkβomegar.com]	this invoice, conta	ct [Jacob, (87	2)		

Figure 4-5 Annotator - List of Tags

- 9. Identify and select the information within the **Text Form** section.
- **10.** Right-click to display the list of tags.

Annotator							Select Annotation Eaber					11	
Action Type Source File Definition				ion		Amount	iment Type						
Create	e New Annotate	d File			Source File:		INV_6_GBP.jpg	Buyer Code	voice Data		-	Get Labels	
) Edit A	nnotated File				Annotated File:		Annotated File Name	Currency	6 GBP ing				
								Invoice Date	10_004 (Jp6			Create Training File	
								Invoice Number					
ginal Fi	le					2 1	Text Form	Supplier Name	27	₿	Annotations		
	•	ABCINC ABCINC New City				ABCINC 7324 St Paul St., New City,NY 10956				Tag Name	Tag Value		
- 🚱		7324 St Paul St., Phone 16613 New City,NT 10056 Email mhas: Phone 166131-086 BILLTO Buy			Phone 166181986 Email mhassel@msn.com BILLTO Buver 2003				Amount				
Enal-mhased@min.com			Fmsr.com	ABC AUTO [PONO. 8586IR3G 9126 Pin 0a PO DATE 2011/10/22				Buyer Code					
BILL TO Buyer- 20 ABC AUTO	03			INVOICE NO. MH7489. INVOICE DATE 2011/09/23 PO NO. 8586/636		G	Grand Island, NE 68801 DUE DATE 2011/10/26				Currency		
9126 Pin 0 Grand Isla Phone- 94 Croal, dra	Jak Dr., nd, NE 68801 3-720-930 medifiking com			PO DATE DUE DATE	2011/10/22 2011/10/26	E	mail daveed@live.com TENW				Invoice Date		
ITEM#	DESCRIPTION	PRODUCT ID	UNIT COST	QUANTITY	AMOUNT	Q	PESCRIPTION QUANTITY MOUNT 1026 08				Invoice Number		
-	Air conditioners	CIMAD	239.32	9	1020.08	P	RODUCT ID CKX4AD						
						S	Sub Total 1026.08 Discount 58.54 % 6	500.67			Supplier Name		
				Sub Total Discount 58.54 %	1025.08 600.67	*	20.09						
				Total Amount	920.09 68P 1345.5	G	BP 13455 if you have any question concerning th	nis invoice, contact []	acob, (872)				
If we	- have any manifold root	remine this immire	rentart Daroh /X	91 728.8292 Lareh kk@	wasaa comi	7	288292, jacob.kk@omegar.com]						

Figure 4-6 Annotator - Select Annotation Label

11. Select the relevant tag.

The Annotations section displays the information under Tag Name and Tag Value fields.

Annotator :: × Action Type Source File Defi Document Type Create New Annotated File Source File: INV_6_GBP.jpg Select File Invoice Data Get Labels O Edit Annotated File Annotated File Annotated File Name INV_6_GBP.jpg Create Training File Original File ABCTNC 7244 St Paul St., New (tty, NT 0956 Phone 166191086 Etail maps-16619108 ABC AUTO [PMOL 08560760 State Pin Oak Dr., PO DATE 2011/10/22 INVOICE DN. MP/ASPL INVOICE DATE | 2011/09/2 OPE DATE 2011/10/28 DVE DATE 2011/10/28 Text Form .7 ⊕ Annotatio , **7** Tag Value Tag Name ABC ING Amount 1026.08 Buyer Code 2003 INVOICE DATE | 2011/09/23 Currency GBP Invoice Date 2011/09/23 RIPTION PRODUCT ID UNIT COST CIXIAAD 256.52 AMOUN 1026.08 Invoice Numbe MH748PL . COST 256.52 Total 1026.08 Dis 89.67 58.54 % | 600.6 pplier Nam ABCINC Discount 58.54 % 600.67 VAT 89.67 % 920.09 Total Amount 698, 1345 5 % 920.09 GBP 13455 If you ha 7288292, any question concerning this invoice, contact [Jacob, (872) :ob.kk@omegar.com]

Figure 4-7 Annotator - Annotations

- **12.** Repeat the above steps for all the displayed tags as per availability of information in the source document.
- **13.** Select a **Tag Name** from the **Annotations** section and Right-click to delete the **Tag Value**.
- 14. Once all the tags are assigned the relevant information, click **Create Training File** to create the annotated file and end the process.
 - Edit Annotated File This topic describes the systematic instructions to Edit the annotations on a source document for a use case.

4.1.2.1.1 Edit Annotated File

•

This topic describes the systematic instructions to Edit the annotations on a source document for a use case.

- 1. On Home screen, click Machine Learning. Under Machine Learning, click NLP Toolkit.
- 2. Under NLP Toolkit, click Annotator.
- 3. Select the Action Type as Edit Annotated File.

The Edit Annotated File screen displays.

Annotator										
Action Type O Create New Annotated File Edit Annotated File	on Type Source File Defention Create New Annotated File Source File: Edit Annotated File Annotated File:		Source file name Select File Annotated File Name Select File			Get Labels Update Training File				
Original File		Text Form			Annotations Tag Name No data to display.	Tag Value				
Document will appear here	Document will appear here									

Figure 4-8 Edit Annotated File



4. Select the **Document Type** from drop-down list and Click **Get Lables**.

The Annotations screen displays.

Action Type	Source File Definition			Document Type			
 Create New Annotated File 	Source File:	Source file name	Select File	Corporate Invoice	•	Get Labels	
 Edit Annotated File 	Annotated File:	Annotated File Name	Select File	Annotated File Name		Update Training File	
Iriginal File		Text Form			Annotations		
					Tag Name	Tag Value	
				Amount			
					Buyer Code		
					Buyer Name		
Document will appear here		Document converted to text will be displayed here			Currency		
					Discount Percentage		
					Discounted Amount		
					Invoice Date		

Figure 4-9 Edit Annotated File - Annotations

5. Click Select File button next to Source File field.

The popup screen displays.

Figure 4-10	Edit Annotated File - Select File Popup
v	

Annotator							;	;:×
Action Type	Source File Definition		×	m	ment Type			
 Create New Annotated File 	Source File:	Source fi	Select One file	rp	rporate Invoice 👻		Get Labels	
Edit Annotated File	Annotated File:	Annotate	c36219d5-99fa-4889-84f5-5952483d6f9b	ot	tated File Name			
			Created on: 2023-02-13	1				
			ffbb64e7-4ee7-4f53-87d8-442017a35945					
Original File		Text Form	Created on: 2022-01-12	1	Ann	otations		
			7f6f2937-35fc-4cf6-80a3-6ecef13c85cc	1	Tagi	Name	Tag Value	
			Created on: 2022-01-12	1	Am	ount		
			26b7dee6-0d93-4a83-886a-e48c73c70f86	1				
			Created on: 2022-01-12	1	Buy	er Code		
			3d40c83b-6304-424e-913f-052183d88f3e	1	Buy	er Name		
Document will appear here			Created on: 2023-01-11	1				
			492b9506-add8-4047-a1b5-e99e690b3a20	1	Cun	ency		
			Created on: 2022-12-02	1	Disc	ount Percentage		
			180561cb-4d2a-44f4-a9ff-1cf0aae4182c	1	Discounted Amount			
			Created on: 2022-12-02					
					Invo	ice Date		
					Invo	ice Due Date		

6. Navigate and select the source document to be annotated.

The **Original File** section displays the source document and the **Text Form** section displays the text version of the document.



Annotator									
Action Type	Source File Definition			Document Type					
Create New Annotated File	Source File:	Source file name	Select File	Corporate Inv	voice	•	Get Labels		
 Edit Annotated File 	Annotated File:	c36219d5	Select File	c362f9d5			Update Training File		
Driginal File	^ر م	Text Form		7	₿	Annotations			
		ABCINC 7324 St Paul St., New City,NY 10956				Tag Name	Tag Value		
		Phone 166181986 Email mhassel@msn.com BILLTO Buyer 2003				Amount	13455		
		ABC AUTO [PONO. [8586IR3G 9126 Pin Oa PO DATE 2011/10/22 INVOICE NO. NH748PL INVOICE DATE 20	C AUTO [PONO. [8586IR3G 9126 Pin Oak Dr., 0 DATE 2011/10/22 NUDICE NN. NWTXBRI INNOTCE DATE 2011/00/23			Buyer Code	2003		
		Grand Taland, NE 68801 DNE DATE 2011/01/06 Phone 943720930 Email daveed@live.com ITEW Coccererror un				Buyer Name	ABCINC		
						Currency	GBP		
		QUANTITY AMOUNT 1026.08 PRODUCT TD CKX4AD				Discount Percentage			
		UNIT COST 256.52 Sub Total 1026.08 Discount 58.54 % 600.67				Discounted Amount			
		% % 920.09 CPD 134EE				Invoice Date	2011/09/23		
		his invoice, contact []acob, (872)			Invoice Due Date	2011/10/26			

Figure 4-11 Edit Annotated File - Text Form

- 7. Identify and select the information within the **Text Form** section to edit the original value.
- 8. Right-click to display the list of tags.

Figure 4-12 Edit Annotated File - Select Annotation Label

Annotator						;; ×
Action Type	Source File Definition			Document Type		
 Create New Annotated File 	Source File:	Source file name	Select File	Corporate Invoice	•	Get Labels
Edit Annotated File	Annotated File:	c362f9d5	Select File	c362f9d5		Update Training File
Original File	رم د	Text Form		∠" ≙	Annotations	
		ABCINC 7324 St Paul St., New City,NY 10956			Tag Name	Tag Value
		Phone 166181986 Email mhassel@msn.com BILLTO Buyer 2003			Amount	13455
		ABC AUTOI [PONO. [8586IR3G 9126 Pin 0; PO DATE 2011/10/22 INVOICE NO. MH748PL INVOICE DATE 20:	ak Dr., 11/09/23		Buyer Code	2003
		Grand Island, NE 68801 DUE DATE 2011/10/26 Phone 943720930			Buyer Name	ABC AUTOI
		Email daveed@live.com ITEN# DESCRIPTION			Currency	GBP
		QUANTITY AMOUNT 1026.08 PRODUCT ID CKX4AD			Discount Percentage	
		UNIT COST 256.52 Sub Total 1026.08 Discount 58.54 % (VAT 89.67	500.67		Discounted Amount	
		% 920.09 GBP 13455			Invoice Date	2011/09/23
		If you have any question concerning th 7288292, jacob.kk@omegar.com]	nis invoice, conta	ct [Jacob, (872)	Invoice Due Date	

9. Select the relevant tag.

The **Annotations** section displays the information under Tag Name and Tag Value fields.
Action Type	Ion Type Source File Definition Document Type					
 Create New Annotated File 	Source File:	Source file name	Select File	Corporate Invoice	•	Get Labels
 Edit Annotated File 	Annotated File:	c362f9d5	Select File	c362f9d5		Update Training File
Iriginal File	^ر ۲	Text Form		∠" &	Annotations	
		ABCINC 7324 St Paul St., New City,NY 10956			Tag Name	Tag Value
		Phone 165181986 Email mhassel@msn.com BiLITO Buyer 2003			Amount	13455
		ABC AUTOI [POND. [8586IR3G 9126 Pin Oak Dr., PO DATE 2011/10/22 INVOICE NO. MH748PL INVOICE DATE 2011/09/23			Buyer Code	2003
		Grand Island, NE 68801 DUE DATE 2011/10/26 Phone 943720930		Buyer Name	ABC AUTOI	
		Email daveed@live.com ITEM# DESCRIPTION			Currency	GBP
		QUMITITY AVQUIT 1026.08 PPRODUCT ID CKXAD UNIT COST 256.52 Sub Total 1026.08 Discount 58.54 % 600.67 VaT 09.67			Discount Percentage	
					Discounted Amount	
		% 920.09 GBP 13455			Invoice Date	2011/09/23
		If you have any question concerni 7288292, jacob.kk@omegar.com]	ng this invoice, cont	ct []acob, (872)	Invoice Due Date	

Figure 4-13 Edit Annotated File - Annotations

10. Click on Update Training File to save Edit Annotated File successfully.

4.1.3 Model Training

This topic describes the systematic instructions to train the model on the annoted training corpus.

The annotated training corpus is a collection of annotated training files created using the annotator.

Model training is iterative and is carried out over increasing corpus size depending on the model parameters.

Each defined use case have its own training corpus available in the path set up in the use case definition.

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

- 1. On Home screen, click Machine Learning. Under Machine Learning, click NLP Toolkit.
- 2. Under NLP Toolkit, click Model Training.

The Model Training screen displays.

Model Training					:: ×
Model Type NLP(NER) ODcurrent Classification					
No data to display	Use Case Na Training Corpus Po Run Referen Over All Tag Name © No data to display.	me Select Usecase Name ath ce Precision © No data to display. Precision ©	Recall O	FLScore ©	Save Model

Figure 4-14 Model Training



For Training NER Models:

- 3. Select the Model Type as NLP(NER).
- 4. Select the type of Use Case Name from the drop-down list.
- 5. Click Train Model.

For Training Document Classifier Model:

- 6. Select the Model Type as Document Classification.
- 7. Select the type of Use Case Name from the drop-down list.
- 8. Click Train Model.

If the model parameters acceptable, the user can save the model by clicking **Save Model**. The alternative is to add more annotated training files for the use case and repeat model training, till satisfactory parameters are achieved.

4.1.4 Model Management

This topic describes the information about the Model Management.

Model Management shows all the run reference of models saved from model training for a use case. For each model run reference, view the parameters for the model as well as individual tag/entities.

The user can choose the active model run reference to use as part of business processing.

- Model Management Maintenance This topic describes the systematic instructions to maintain the model management.
- View Model Management
 This topic describes the systematic instructions to view the list of use case models.

4.1.4.1 Model Management Maintenance

This topic describes the systematic instructions to maintain the model management.

The user can unlock and choose the active model run reference to use as part of business processing.

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

- 1. On Home screen, click Machine Learning. Under Machine Learning, click NLP Toolkit.
- 2. Under NLP Toolkit, click Model Management.

The Model Management screen displays.

e Case Name	ı		Model Type			
yslipnew			NER			
Run Reference	Training Date	Precision	Recall	F1 score	Active	
R9KnLunXCN	27/01/2021	1	0.962	0.98		Tag Parameters
wgdi0YxMUW	16/02/2021	1	0.962	0.98		Tag Parameters
59sbFrY0x6	16/02/2021	1	0.962	0.98		Tag Parameters
vPvf3Jz1Pp	27/01/2021	1	0.889	0.941		Tag Parameters
Page 1 of 1 (1-4 of 4	items) < 4 1 > >					

Figure 4-15 Model Management



3. Specify the fields on Model Management screen.



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

Table 4-4 Model Management – Field Description

Field	Description
Use Case Name	Displays the name of the Use Case.
Model Type	Displays the NER or Classification type of Model.
Run Reference	Displays unique model version identifier.
Precision	Specify the value between 0 to 1. Closer to 1 is better.
Recall	Specify the value between 0 to 1. Closer to 1 is better.
F1 Score	Specify the value between 0 to 1. Closer to 1 is better.
Active	Displays the status of model run reference.

 Click Tag Parameters to view the individual tag parameters for each model run reference. The Tag Parameters Details screen displays.

slipnew							
in Reference	Training	Tag Parameters Detail				Active	
7KnLunXCN	27/01/2	Model Name payslipnew	Model Type NER		Run Reference R9KnLunXCN		Tag Paramete
gdi0YxMUW	16/02/2						Tag Paramete
PsbFrY0x6	16/02/2	Tag Name 🗘	Precision 0	Recall 🗘	F1Score 0		Tag Paramete
Pvf3Jz1Pp	27/01/2	basicPay	1	1	1		Tag Paramete
ge 1 of 1 (1-4 of 4 items)	K ∢[empld	1	1	1		
		hra	1	1	1		
t l		joiningDate	1	1	1		
		month	1	1	1		
						Close	
				110	3/////////////////////////////////////		

Figure 4-16 Tag Parameters Detail

At this stage, user have defined a new use case with the tags/entities to be recognized by the model and trained and exported the use case model to be used by business.

4.1.4.2 View Model Management

This topic describes the systematic instructions to view the list of use case models.

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

- 1. On Home screen, click Machine Learning. Under Machine Learning, click NLP Toolkit.
- 2. Under NLP Toolkit, click Model Management.



The Model Management screen displays.

Figure 4-17 Model Management

Usecase Name:	Usecase Name:	Usecase Name:	Usecase Name:	Usecase Name:
ChequeBkRq :	updateAddress	chqr :	Bank_Statement	corpinv
Mod No 17	Mod No 3	Mod No 9	Mod No 4	Mod No 19
N	N	N	N	N
C Authorized 🔓 Open 🖾 17	🗅 Unauthorized 🔓 Open 🔯 3	🗈 Authorized 🔓 Open 🖾 9	C Authorized	C Authorized
Usecase Name:	Usecase Name:	Usecase Name:	Usecase Name:	Usecase Name:
PAYSLIP_ORIGINATION	OBPESign :	cheqBookOpen	feeAgreementFlat	payslipnew
Mod No 23	Mod No 14	Mod No 2	Mod No 1	Mod No 13
N	N	N	N	N
Authorized	🗅 Authorized 🔒 Open 🖾 14	🗈 Authorized 🔒 Open 🖾 2	🗈 Authorized 🔒 Open 🖾 1	🗅 Unauthorized 🔒 Open 🖾 13

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

Table 4-5 Model Management – Field Description

Field	Description
Use Case Name	Displays the name of the Use Case.
Mod No	Displays the number of modifications.
Authorization Status	Displays the authorization status of the record. The options are: • Authorized • Rejected • Unauthorized
Record Status	Displays the status of the record. The options are: • Open • Closed
Modification Number	Displays the number of modification performed on the record.

4.1.5 Model Import and Export Maintenance

Models can be moved from one environment to another environment using Model import and export.

Using this functionality models can be trained in one environment and be used in another. To process this screen, perform the following steps:

- 1. On Home screen, click Machine Learning. Under Machine Learning, click NLP Toolkit.
- 2. Under NLP Toolkit, Click Model Import Export.

The Model Import Export screen displays.



Figure 4-18 Model Import Export

Model Import Export		:: ×
Import Model Export Model		
Export NLP Model		
Usecase Usecase Name	•	
Run Reference Run Reference	•	
Export Model		

Export Model

Use Export Model option on the screen for exporting a model. Model will be exported to a file. Perform following steps for process:

3. Select the Export Model section in the Model Import Export screen.

The Export Model screen displays.

Figure 4-19 Export Model

Model II	nport Export	::×
Import Model	Export Model	
Export	NLP Model	
Usecase Name	Invoice Data	
Run Reference	myaFXEir84 •	
Model Impo	rt Code 7115ed11da13191d861222ad8139e7707c640745	
Export Model		

4. Specify the required details in the Export Model screen.

Table 4-6 Export Model - Field Description

Field	Description
Usecase	Select the required usecase from the dropdown list.
Run Reference	Select the run reference from the dropdown list.

5. Click on the Export Model button and Model file will be downloaded.

Note:

Please note down the Model Import Code, as it is required while importing model.

Import Model

Use Import Model option on the screen for importing a model. Model will be imported using model file created while exporting model. Perform following steps for process:

6. On the Model Import Export screen select the Import Model section.

The Import Model screen displays.

Figure 4-20 Import Model

Model Import Export				:: ×
Import Model Export Model				
Import NLP Model				
Drag and Drop Select affeed dop one here.	Usecase Name Run Reference			
Selected File	Precision 0	Recall 🗘	F1 Score	٥
Model Import Code	No data to display.	Precision Q	Recall 0	El Score G
Import Model	No data to display.		TOCOM V	

- 7. Click on Drag and Drop option and select the export model to be uploaded.
- 8. Specify the Model Import code to be imported.
- 9. Click Import Model to upload the model successfully.

4.2 Operation

This topic describes the information about the trained models that are consumed for business processing.

This topic contains the following subtopics:

- Upload Document This topic describes the systematic instructions to upload a document.
- Transaction Log This topic describes the systematic instructions to view all the uploaded transactions that are interpreted by the NLP models.

4.2.1 Upload Document

This topic describes the systematic instructions to upload a document.

The user can upload the source document which is consumed by the NLP model and defined tags/entities are recognized. The information collected by this model is used in further business processing.

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

- 1. On Home screen, click Machine Learning. Under Machine Learning, click Operation.
- 2. Under Operation, click Document Upload.

The Document Upload screen displays.



Document Upload		;; ×
Scan and Upload Document		
Select File Select File	Document Type	Upload
Driginal Document		
Document to be processed will be displayed here for	reference	

Figure 4-21 Document Upload

- 3. Click **Select File** to select the source document.
- 4. Select the **Document Type** from the drop-down list.
- 5. Click Upload to initiate business process.

The uploaded document displays on Original Document.

4.2.2 Transaction Log

This topic describes the systematic instructions to view all the uploaded transactions that are interpreted by the NLP models.

The user can filter the displayed transactions based on the Document Type and Status.

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

- 1. On Home screen, click Machine Learning. Under Machine Learning, click Operation.
- 2. Under Operation, click Transaction Log.

The **Transaction Log** screen displays.

Transacti	Transaction Log the second secon							
Document Type		Status F	From Date	i	To Date			
Document Id	Tag Value(s) 0	Document Type 🛛 🗘		Model Reference 0	Processing Date 0	Status 🗘	Failure Reason 🛛 C	Training Required 0
2902	•	BANK STATEMENT-Bank Account Statement			20/04/2023			
2885	•+	BANK STATEMENT-Bank Account Statement			28/03/2023			
2884	•+	invoicedata-Invoice Data			27/03/2023			
2883	•+				27/03/2023	ERROR	Unable to complete File Processing	Y
2882	•				27/03/2023	ERROR	Unable to complete File Processing	Y
2862	•+	PAYSLIP_REGION-PAYSLIP_REGION		PjLzTdlKwc	13/03/2023	PROCESSED		Ν
Page 1 of	217 (1-6 of 1300 items)) < (1 2 3 4 5 217)	н					

Figure 4-22 Transaction Log

3. Specify the fields on **Transaction Log** screen.

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



Field	Description		
Document Type	Select the document type from drop-down list.		
Status	Select the type of status from drop-down list.		
Document ID Displays the Document Management System Unique Identifier.			
Document Type	Displays the document type - Use Case Definition.		
Model Ref	Displays the Unique Model Version Identifier.		
Processing Date Displays the document processed date.			
Status	Displays the status of the transaction.		
Failure Reason Displays the reason for failed status.			
Train. Reqd Displays train required status.			
Tag Values	Displays the tag values for the processed transactions and allow the correction for transactions with errors.		

Table 4-7 Transaction Log – Field Description

4. To check the execution flow, click on **Document ID** to view details and flow.

The Process Log screen displays.

Figure 4-23 Process Log

Process Log			>
	File Processing Reque	- 🚺	Attachment Processing Business Processing
0	Status 🗘	Start Time \Rightarrow	End Time 🗘
Data Extraction	SUCCESS	Mar 13, 2023 10:36:08 AM	Mar 13, 2023 10:36:10 AM
File Processing	SUCCESS	Mar 13, 2023 10:35:56 AM	Mar 13, 2023 10:36:08 AM
Page 1 of 1 (1	-2 of 2 items)		

5. To check the processed status, select Processed in Status drop-down list.

The document ID page displays that contains model tag values used to process the transactions.

Figure 4-24 Processed Status

The displayed information reflects both the original retrieved values by the model from the document and also the values which are corrected manually.

6. To check the error status, select Error in Status drop-down list.

All the failed transactions displays.



Document Type	-	Status From Date	iii	To Date			
Document Id	Tag Value(s) 0	Document Type 🗘	Model Reference 🗘	Processing Date 🗘	Status 🗘	Failure Reason 🗘	Training Required 🗘
2883	•+			27/03/2023	ERROR	Unable to complete File Processing	Y
882	•+			27/03/2023	ERROR	Unable to complete File Processing	Y
785	•+	PAYSLIP_REGION-PAYSLIP_REGION		10/11/2022	ERROR	Unable to complete File Processing	Y
663	•••	invoicedata-Invoice Data		24/08/2022	ERROR	Unable to complete File Processing	Y
643	•••	BANK STATEMENT-Bank Account Statement		18/08/2022	ERROR	Unable to complete File Processing	Y
351	•+			27/04/2022	ERROR	Unable to complete File Processing	Y

Figure 4-25 Error Status

7. For the failed transactions, click on the **Tag Value(s)** to invoke the toolkit annotator in the error correction mode to create a new annotated training file for future model training.

The **Annotator** screen displays.

Annotator						;; ×
Action Type Create New Annotated File Edit Annotated File	Source File Definition Source File: Annotated File:	Source file name Annotated File Name	Select File	Document Type Select Annotated File Name	•	Get Labels Update Training File
Original File		Text Form			Annotations	
					Tag Name	Tag Value
Document will appear here			verted to text will yed here		No data to display.	

Figure 4-26 Annotator

4.3 3P Service Integration

This topic provides description about the integration of third party services.

Any model execution or training service(s) built using any 3P NLP library can be integrated in the NLP framework. The only requirement is, the REST services must confirm to the payload definition. Building model training and execution services using other 3P NLP libraries would involve consulting effort.

This topic contains the following subtopics:

- Classification Training Service This topic describes about the payload details for document classification model training service.
- NER Training Service
 This topic describes the payload details for NER model training service.
- Classification Processing Service This topic describes about the payload details for the document classification model processing service.



- NER Processing Service
 This topic describes the payload details for NER model processing service
- Service Mapping This topic provides information about service mapping.
- Business Service Mapping
 This topic describes the information about the Business Service Mapping.

4.3.1 Classification Training Service

This topic describes about the payload details for document classification model training service.

Input Payload

Table 4-8 Input Payload

Name	in	Туре	Require d	Remarks
trainCorpusPath	formData	string	true	Training Corpus path
modelType	formData	File	true	Type of model being trained
runRef	formData	string	true	Unique running reference number

 name: "trainCorpusPath" in: "formData"

type: string

required: true

 name: "modelType" in: "formData"

type: string

value for document classification training: "docClassification"

required: true

 name: " runRef " in: "formData"

type: string

required: true

Output Payload

```
{
  "data": {
    "timeTaken": 0,
    "corpusSize": 0,
    "precision": 0,
    "recall": 0,
    "f1score": 0,
    "model_fold_performances": null,
    "tag perfomances": null
```



} }

Output Payload Data Model Definition

```
ModelTrainParamsDTO:
type: object
properties:
data:
type: object
properties:
timeTaken:
type: number
corpusSize:
type: number
precision:
type: number
recall:
type: number
flscore:
type: number
model fold performances:
type: array
items:
$ref: "#/definitions/ModelFoldPerfromancesDTO"
tag perfomances:
type: array
items:
$ref: "#/definitions/MltbTagPerfomancesDTO"
```

4.3.2 NER Training Service

This topic describes the payload details for NER model training service.

Input Payload

|--|

name	in	Туре	Require d	Remarks
trainCorpusPath	formData	string	true	Training Corpus path.
modelType	formData	File	true	Type of model being trained.
runRef	formData	string	true	Unique running reference number.

 name: " trainCorpusPath" in: "formData"

type: string

required: true

 name: "modelType" in: "formData"

type: string



value for NER model training: "nlpNer"

required: true

 name: " runRef " in: "formData"

type: string

required: true

Output Payload

```
{
 "data": {
  "timeTaken": 0,
  "corpusSize": 0,
   "precision": 0,
  "recall": 0,
   "flscore": 0,
   "model fold performances": [
   {
   "fold no": 0,
   "eval metric": "string",
    "value": 0
   }
 ],
 "tag perfomances": [
   {
   "name": "string",
   "precision": 0,
   "recall": 0,
    "flscore": 0
   }
 ]
 }
}
```

Output payload data model definition ModelTrainParamsDTO:

type: object

properties:

data:

type: object

properties:

timeTaken:

type: number

corpusSize:

type: number

precision:

type: number



recall:

type: number

f1score:

type: number

model_fold_performances:

type: array

items:

\$ref: "#/definitions/ModelFoldPerfromancesDTO"

tag_perfomances:

type: array

items:

\$ref: "#/definitions/MltbTagPerfomancesDTO"

ModelTrainParamsDTO:

type: object

properties:

fold_no:

type: number

eval_metric:

type: string

value:

type: number

ModelTrainParamsDTO:

type: object

properties:

name:

type: string

precision:

type: number

recall:

type: number

f1score:

type: number



4.3.3 Classification Processing Service

This topic describes about the payload details for the document classification model processing service.

Input Payload

Table 4-10 Input Payload

Name	in	Туре	Require d	Remarks
modelPath	formData	string	true	The path to the classification model.
file	formData	File	true	The text file which must be classified.

 name: "modelPath" in: "formData"

type: string

required: true

 name: " file " in: "formData"

type: file

required: true

Output Payload

```
{
    "data": {
        "docType": "string"
    }
}
```

Output Payload Data Model Definition

```
MltbNlpDTO:
type: object
properties:
data:
properties:
docType:
type: string
```

4.3.4 NER Processing Service

This topic describes the payload details for NER model processing service

Input Payload

Table 4-11 Input Payload

name	in	Туре	Require d	Remarks
modelPath	formData	string	true	The path to the NER model.
file	formData	File	true	The text file which must be classified.

 name: "modelPath" in: "formData"

type: string

required: true

 name: " file " in: "formData"

type: file

required: true

Output Payload

```
{
   "data": {
    "keyvals": [
    {
        "tagName": "string",
        "value": "string",
        "start_index": 0,
        "end_index": 0
    }
  ]
}
```

Output payload data model definition

ModelTrainParamsDTO:

type: object

properties:

data:

properties:

keyvals:

type: array

items:

\$ref: '#/definitions/MltbNerKeyValExtractedObjDTO'

MltbNerKeyValExtractedObjDTO:

type: object

properties:



tagName:

type: string

value:

type: string

start_index:

type: number

end_index:

type: number

4.3.5 Service Mapping

This topic provides information about service mapping.

After creation of the model services, entries must be made into the table CMC_TM_ML_SERVICE_DEFN to enable the NLP framework to use these services.

Existing use case

Update the highlighted column in the table CMC_TM_ML_SERVICE_DEFN with the new service API.

Column Name	Remarks	Model Training	Model Processing
ID	Unique ID	-	-
USECASE_NAME	Use Case Name	<existing case="" use=""></existing>	<existing use<br="">case></existing>
DESCRIPTION	Use Case Description	-	-
SERVICE_TYPE	Service Type	Training	Processing
SERVICE_DEFN	Mapped Service API	<new api="" service=""></new>	<new api="" service=""></new>
METHOD_TYPE	Method Type	POST	POST
APP_ID	Sub Domain ID	-	-
RECORD_STAT	Record Status	0	0
AUTH_STAT	Authorized Status	A	А
MOD_NO	Modification Number	1	1
ONCE_AUTH	Once Authorized	Y	Y
MAKER_ID	Maker Name	SYSTEM	SYSTEM
MAKER_DT_STAMP	Maker Date stamp	<application date=""></application>	<application date=""></application>
CHECKER_ID	Authorizer Name	SYSTEM	SYSTEM
CHECKER_DT_STAM	Authorizer Date stamp	<application date=""></application>	<application date=""></application>

Table 4-12 Existing Use Case

New Use case

Insert a new record into the table CMC_TM_ML_SERVICE_DEFN.



Column Name	Description	Remarks for Data
ID	Unique ID	Ensure a Unique ID.
USECASE_NAME	Use Case Name	Must be one of the usecase_name from the table CMC_TM_ML_NER_TAG_MAS
DESCRIPTION	Use Case Description	-
SERVICE_TYPE	Service Type	 'Training' - Use this value for model Training Service. 'Processing' - Use this value for model execution Service. 'Business' - Use this value for business Service.
SERVICE_DEFN	Mapped Service API	<the 3p="" created="" newly="" nlp="" service<br="">API></the>
METHOD_TYPE	Method Type	POST
APP_ID	Sub Domain ID	NULL
RECORD_STAT	Record Status	0
AUTH_STAT	Authorized Status	A
MOD_NO	Modification Number	1
ONCE_AUTH	Once Authorized	Υ
MAKER_ID	Maker Name	SYSTEM
MAKER_DT_STAMP	Maker Date stamp	<application date=""></application>
CHECKER_ID	Authorizer Name	SYSTEM
CHECKER_DT_STAMP	Authorizer Date stamp	<application date=""></application>

Table 4-13 New Use Case

4.3.6 Business Service Mapping

This topic describes the information about the Business Service Mapping.

If straight through processing is enabled in use case definition, the entries must be made into the table CMC_TM_ML_BUS_SERVICE_DEFN to enable the NLP framework to call the Business Service.

Insert a new record into the table CMC_TM_ML_BUS_SERVICE_DEFN for each use-case with straight through processing enabled.

Table 4-14 Each Use Case

Column Name	Description	Remarks for Data
ID	Unique ID	Ensure a Unique ID.
USECASE_NAME	Use Case Name	Must be one of the usecase_name from the table CMC_TM_ML_NER_TAG_MAS
DESCRIPTION	Use Case Description	-
SERVICE_TYPE	Service Type	'Business' - Use this value for business Service.



Column Name	Description	Remarks for Data
ADAPTER_CLASS	Fully qualified name of the adapter class	Use oracle.fsgbu.cmc.nlp.pipeline.services.a daptor.GenericAdaptor for all the business service calls Use oracle.fsgbu.cmc.nlp.pipeline.services.a daptor.OBRHAdaptor if you want to call business service via Oracle Banking Routing Hub
SERVICE_DEFN	Mapped Service API	API, which is called for Business service execution
HEADERS	Comma separated headers key value separated by colon (:)	Example, docld:123 , branchCode : 000
METHOD_TYPE	Method Type	POST
APP_ID	Sub Domain ID	NULL
RECORD_STAT	Record Status	0
AUTH_STAT	Authorized Status	A
MOD_NO	Modification Number	1
ONCE_AUTH	Once Authorized	Υ
MAKER_ID	Maker Name	SYSTEM
MAKER_DT_STAMP	Maker Date stamp	<application date=""></application>
CHECKER_ID	Authorizer Name	SYSTEM
CHECKER_DT_STAMP	Authorizer Date stamp	<application date=""></application>

Table 4-14	(Cont.)	Each	Use	Case
------------	---------	------	-----	------

If the user is integrating the Business Service through Oracle Banking Routing Hub, then, in service definition column, the user need to provide URL of Oracle Banking Routing Hub dispatch API and the additional headers in headers column.

Since there are some common headers, which are required for calling Oracle Banking Routing Hub as well (like appld, branchCode, userId) and to avoid the conflict for these headers, the ML_prefix is appended in header keys by Oracle Banking Routing Hub adapter. Configure transformation logic of these headers in Oracle Banking Routing Hub.

5 Machine Learning Framework

This topic describes about the Machine Learning Framework provided in common core.

- Use Case On-Boarding
 This topic describes the information about the Use Case On-Boarding.
- Frameworks Supported This topic describes about the Frameworks Supported for Machine Learning.
- Partitioned Model This topic describes the information about the partitioned model in Machine Learning.
- On-Boarding Use Case This topic describes the information about the On-Boarding Use Case provided in the common core.
- Online Single Record Prediction
 This topic describes the information about the online single record prediction supported in
 common core.
- Use Case Modifications This topic describes the information about the use case modifications.
- Data Extensibility This topic describes the information about Data Extensibility.
- Model Explainability This topic describes the information about the Model Explainability.
- Model Monitoring and Auto Training This topic describes about the Model Monitoring and Auto Training.

5.1 Use Case On-Boarding

This topic describes the information about the Use Case On-Boarding.

On-boarding a new business case onto the Machine Learning framework involves two broad stages as given below.

Model Definition

One-time setup of use case definition captures the data source, target columns, and type of use case.

Model Training

Model training is use case specific and has the intelligence to evaluate multiple algorithms and discover the best fit algorithm to the data pattern.

The onset of these two stages assumes that you have already decided on the business use case that you would want to on-board.



Figure 5-1 Model Training



5.2 Frameworks Supported

This topic describes about the Frameworks Supported for Machine Learning.

This topic contains the following subtopics:

- Timeseries This topic describes the information about the timeseries.
- Timeseries Algorithms Supported This topic describes the information about the timeseries algorithms supported in the framework.
- Time Series Forecast This topic describes the information about the time series forecast.
- Regression This topic describes the information about the regression in Machine Learning.
- Regression Algorithms Supported This topic describes the information about the regression algorithms supported in the framework.
- Classification
 This topic describes the information about the Classification.
- Classification Algorithms Supported
 This topic describes the information about the Classification Algorithms Supported.

5.2.1 Timeseries

This topic describes the information about the timeseries.

Timeseries are the use cases involving the date sequence data to forecast for future dates.

CASE ID	ССҮ	BALANCE
17-Aug	USD	6723.00
18-Aug	USD	250.00
19-Aug	USD	2654.00



Table 5-1	(Cont.)	Case ID	Details
-----------	---------	---------	---------

CASE ID	ССҮ	BALANCE
20-Aug	USD	20.00
21-Aug	USD	?

Note:

The CASE ID can either be a DATE or a Sequence.

5.2.2 Timeseries Algorithms Supported

This topic describes the information about the timeseries algorithms supported in the framework.

By default, the framework uses Exponential Smoothing to forecast from timeseries data. It evaluates 14 different algorithmic combinations to best fit the below patterns:

- Error type (additive or multiplicative)
- Trend (additive, multiplicative, or none), including damped trends
- Seasonality (additive, multiplicative, or none)

Note:

The user is not required to select any algorithmic combinations. The framework evaluates and selects the best fit combination.

5.2.3 Time Series Forecast

This topic describes the information about the time series forecast.

The timeseries forecast is unique as it consumes sequential data to forecast.

This uniqueness necessitates model training and forecast to be executed in a single processing routine. This is very unlike regression model approach where model training and model prediction are separate distinct actions.

This topic contains the following subtopics:

 Forecast REST Service This topic describes the information about the forecast REST service.

5.2.3.1 Forecast REST Service

This topic describes the information about the forecast REST service.

The timeseries framework is made available as an independent REST service to be consumed by products and use cases as required.

The following information is required to be provided.



Field	Description				
Use Case Name	Specify the Unique Use Case Name.				
Data Source	Specify the Table or View name used as data source to train the model.				
Target Column	Specify the model will train and forecast future values of this column.				
	Note: Column name is a function of table/view design.				
Unique Identifier	Specify the column name to uniquely identify a sequence.				
	Note: Column name is a function of table/view design. It must be Date or a sequence.				
Model Partitioning	Specify the column names to slice data. Refer Partitioned Model for details.				
	Note: Column name is a function of table/view design.				
Partitioned Value	Specify the actual Value of the Model Partition				
Forecast Window	Specify the number of forecasts required as an outcome.				
Tablespace	Specify the valid table space and all model related data will be persisted in this table space.				

Table 5-2	Forecast REST	Service - Fie	Id Description

5.2.4 Regression

This topic describes the information about the regression in Machine Learning.

Regression is a statistical technique to discover relationships using independent variables to estimate / predict a target variable of NUMBER or INTEGER type.

For example: The user needs to predict the value of LUXURY SPEND for a new CASE ID, given the data of branch, marital status, income, and savings

Table 5-3	Example -	Case Details
14010 0 0		

CASE ID	BRANC H	MARITAL STATUS	INCOM E	SAVING	LUXURY SPEND
12345	BRT	Υ	15000	6723	1000



CASE ID	BRANC H	MARITAL STATUS	INCOM E	SAVING	LUXURY SPEND
12346	BRT	Ν	17500	250	750
12347	CSR	D	25000	2654	1900
12348	CSR	Ν	16567	20	2500

Table 5-3 (Cont.) Example - Case Details

Note:

The CASE ID must uniquely identify a row.

5.2.5 Regression Algorithms Supported

This topic describes the information about the regression algorithms supported in the framework.

The following algorithm are available as part of the framework.

S.No	ALGORITHM	REMARKS
1	GENRALIZED LINEAR REGRESSION	Also handles RIDGE regression depending on the underlying pattern of data.
2	SUPPORT VECTOR MACHINE	Supports both linear and gaussian kernels.
3	NEURAL NETWORK	Uses default 1 layer with number of nodes <= 50

Note:

The users have the flexibility to select a specific algorithm or keep it as NULL for the framework to evaluate and best fit the algorithm to the underlying data.

5.2.6 Classification

This topic describes the information about the Classification.

Classification is a statistical technique to discover relationships using independent variables to classify a target variable into a number of GROUPS or CLASSES. Mostly used for decision making.

For example: The user needs to predict if a new CASE ID will churn(1) or not (0), given the data of branch, marital status, income and savings.



CASE ID	BRANC H	MARITAL STATUS	INCOM E	SAVING	CHURN
12345	BRT	Υ	15000	6723	0
12346	BRT	Ν	17500	250	1
12347	CSR	D	25000	2654	1
12348	CSR	Ν	16567	20	0

Table 5-5 Sample Classification

Note:

CASE ID must be unique to identify a row.

5.2.7 Classification Algorithms Supported

This topic describes the information about the Classification Algorithms Supported.

The following algorithms are available as part of the framework.

Serial Number	ALGORITHM	REMARKS
1	DECISION TREE	-
2	NAÏVE BAYES	-
3	RANDOM FOREST	-
4	GENRALIZED LINEAR REGRESSION	Also handles RIDGE regression depending on the underlying pattern of data
5	SUPPORT VECTOR MACHINES	Supports both linear and gaussian kernels
6	NEURAL NETWORK	Uses default 1 layer with number of nodes <= 50

Note:

Users have the flexibility to select a specific algorithm or keep it as NULL for the framework to evaluate and best fit the algorithm to the underlying data.

5.3 Partitioned Model

This topic describes the information about the partitioned model in Machine Learning.

Oracle in-Database machine learning allows the user to design partitioned models.

Partitioned model organizes and represents multiple models as partitions in a single model entity, enabling the user to easily build and manage models tailored to independent slices of data.



CUSTO MER ID	BRANCH	MARITA L STATUS	INCOME	SAVING	LUXURY SPEND
12345	BRT	Y	15000	6723	1000
12346	BRT	Ν	17500	250	750
12347	CSR	D	25000	2654	1900
12348	GRF	Ν	16567	20	2500

Table 5-7	Example -	Customer	details
-----------	-----------	----------	---------

In this above example of data, the user could build a single partitioned model on independent slices of data based on branch code.

The user has the advantage of having a single partitioned model instead of having multiple models for each individual branch.

5.4 On-Boarding Use Case

This topic describes the information about the On-Boarding Use Case provided in the common core.

This topic contains the following subtopics:

Model Definition

This topic describes the information about to define the use case and configure the data source to be used for model training.

Model Training and Scoring

This topic describes the systematic instructions to train the model for the selected use case and use the trained model to predict and score multiple records at a time.

5.4.1 Model Definition

This topic describes the information about to define the use case and configure the data source to be used for model training.

Use cases are defined by the business domain of the product processor to which it is mapped. They are unique and machine learning models are named after the use case.

This topic contains the following subtopics:

Model Definition Maintenance

This topic provides the systematic instructions to maintain the use case details, define the use case type, and data source details.

 View Model Definition This topic describes the systematic instructions to view the list of defined use cases.

5.4.1.1 Model Definition Maintenance

This topic provides the systematic instructions to maintain the use case details, define the use case type, and data source details.

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



- 1. On Home screen, click Machine Learning. Under Machine Learning, click Model Definition.
- 2. On View Model Definition screen, click button on the Use case tile to Unlock or

0

click button to create the new model definition.

The Model Definition screen displays.

Figure 5-2 Model Definition

se Case Name	Description	Use Case Type
		Select Usecase Type 👻
Required		Bequired
alning and Scoring		
iduct Processor	Training Data Source	Unique Case Identifier
elect Product Processor 👻		Select Unique Case ID 👻
Required	Required	Required
et Column	Positive Target Value	Tablespace
elect Target Column 👻	Select Positive Target Value 👻	
Required		
rence Data Source		
Required		
odel Partitioning		
ition Column Names	Selected Algorithm	Model Error Statistic
elect Partition Column	Select Algorithm 👻	Select Model Error Statistic 🗸 👻

3. Specify the fields on Model Definition screen.



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

Table 5-8 Model Definition – Field Description

Field	Description	
Use Case Name	Specify the name of the Use Case.	
Description	Specify the description of the Use Case.	
Use Case Type	Select the type of Use Case. Refer Frameworks Supported for details.	
Product Processor	Select the product to which the use case belongs.	
Training Data Source	Specify the Table or View name used as data source to train the model.	



Field	Description	
Unique Identifier	Select the column name to uniquely identify a record. Note: Column name is a function of table/view design.	
Target Column	Select the value of the column which is predicted by training the model.	
	Note: Column name is a function of table/view design.	
Positive Target Value	If Use Case Type selected is CLASSIFICATION, then this field is enabled else disabled for REGRESSION. It will display distinct values from the target column	
Tablespace	Specify the valid tablespace and all model related data will be persisted in this table space.	
Inference Data Source	Specify the Table or View that capture the data to be used for making predictions. Inference data source will be the current data where we are trying to predict the target using the built model, unlike the training data where target is already provided.	
Partition Column NamesSpecify the column names to slice data. Refer Partitioned Model for details.		
Selected Algorithm	Select the algorithm from the list and build the model. For REGRESSION, this field should be null and allow the framework to select the best fit algorithm to build the model.	
Model Error Statistics	Select the model error statistics. By Default, the value is selected as RMSE for REGRESSION. The user can also select MAE.	
	Note:	

Table 5-8 (Cont.) Model Definition – Field Description

4. Click **Save** to save the details.

The user can view the configured details in the Model Definition screen.

Cost Matrix:

This button is enabled ONLY for CLASSIFICATION type of use cases.

Any classification model can make two kinds of error



Table 5-9 Classification Type - Error

Actual Value	Predicted Value	Error Type
1	0	False Negative
0	1	False Positive

This screen is used to bias the model into minimizing one of the error types, by adding a penalty cost.

All penalty cost has to be positive.

Table 5-10 Classification Type - Penalty

Actual Value	Predicted Value	Penalty Cost
1	0	6
0	1	2

The default is zero cost for all combinations.

Biasing the model is a trade-off with accuracy of prediction. Business determines if a classification model is required to be biased or not.

5. Click **Cost Matrix** button to launch the screen.

The Cost Matrix screen displays.

Figure 5	5-3 Cos	t Matrix
----------	---------	----------

t value is used to penalize n	nisclassification or incorrect prediction	
Actual Value 🗘	Predicted Value 💲	Cost 🗘
0	0	0
0	1	0
1	0	0
1	1	0

- 6. On **Cost Value** screen, specify the relevant penalty cost.
- 7. Click **Save** to save and close the **Cost Matrix screen** and back to the **Model Definition** screen.

Correlation:

Multicollinearity occurs when two or more independent variables are highly correlated with one another in a model.



Correlated **CHURN CUST ID BRANCH MARITAL STATUS** INCOME SAVING 12345 BRT Single 1500 6723 1 12346 BRT 250 Married 17500 0 12347 CSR Married 25000 2654 0 12348 GRF Divorced 16567 20 1 Independent Variables

Figure 5-4 Correlation

Multicollinearity may not affect the accuracy of the model as much, but we might lose reliability in model interpretation.

Irrespective of CLASSIFICATION or REGRESSION, all use cases must be evaluated for Correlation.

This button will display Orange mark if evaluation is pending.

8. Click **Correlation** button to launch the screen.

The Correlation Analysis screen displays.

Figure 5-5 Correlation Analysis

Threshold Value		Type Of Correlation Pearson Spearman Kendall
Pairwise Correlation	Analysed Features	Ignore Features
w G reature G reature 2 G correston G	No items to display.	No items to display.

9. Select the required fields on Correlation Analysis screen.

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



Field	Description		
Threshold Value	Select the threshold value. The Value can be set between 0.1 to 0.9.		
	Note: By default, the value is set as 0.5.		
Type of Correlation	Select the type of correlation. By default, the option is selected as Pearson. The formula used for calculation is different for each type		
Pairwise Correlation	Displays the output of the Correlation Validation.		
Analyzed Features	Displays the distinct analysed Features from Pairwise Correlation.		
Ignore Features	User defined list created from Analysed Features.		

Table 5-11 Correlation Analysis – Field Description



to initiate the evaluation process.

The Correlation Analysis - Pairwise Correlation screen displays.

Figure 5-6	Correlation	Analysis -	Pairwise	Correlation
------------	-------------	------------	----------	-------------

「hreshol	ld Value				Type Of Correl	ation
)		1 0.4			• Pearson • s	
airwise C	Correlation			Analysed Features		Ignore Features
# 0	Feature 1 0	Feature 2 0	Correlation 0	AGE		No items to display.
1	AGE	YRS_RESIDENCE	0.73923	HOME_THEATER_PACKAGE		
2	AGE	HOME_THEATER_PACKAGE	0.85873	Y_BOX_GAMES		
3	AGE	Y_BOX_GAMES	-0.80318	YRS_RESIDENCE		>
4	YRS_RESIDENCE	HOME_THEATER_PACKAGE	0.68454	FLAT_PANEL_MONITOR		<
5	YRS_RESIDENCE	Y_BOX_GAMES	-0.64459	BULK PACK DISKETTES		
6	BULK_PACK_DISKETTES	FLAT_PANEL_MONITOR	0.88307	-		
7	HOME_THEATER_PACKAGE	Y_BOX_GAMES	-0.77005			

11. Move ONE of the Analyzed Features to Ignore Features List.



12. Click

and re-evaluate Correlation as mentioned in Step 8.

- **13.** Rinse and repeat the Step 9 and 10 for each feature addition to the **Ignore feature** list, until **Pairwise Correlation** displays zero correlated pair.
- 14. Attempting to exit the screen midway without achieving zero Pairwise Correlation, will display the following error message.

The Error Message screen displays.



Figure 5-7 Error Message



- **15.** After successful **Correlation Evaluation**, the orange highlight on the **Correlation** button is removed.
- 16. After Correlation Evaluation and Cost Matrix definition (for CLASSIFICATION)
- 17. Click **Save** to create the new Model Definition.

The user can view the configured details in the View Model Definition screen.

Model Metrices

Once the user has successfully trained Machine Learning model, the user can score/predict the model outcomes as required by the use case. The user can view the **Model Metrices** screen only after training the model successfully. Refer to **Model Training and Scoring** section for training the model.

18. Click Model Metrices to view the Model Metrices details.

The Model Metrices screen displays.

Model Definition	;
Use Case Setup Model Metrics Model Monitoring	
Model Partitions	
FULL MODEL	
Metrices 0	Value O
Model Name	CLASS_DEMO_MRID
Algorithm	ALGO_SUPPORT_VECTOR_MACHINES
CUST_MARITAL_STATUS_Divorc.	-433
CUST_MARITAL_STATUS_Widowed	1.567
EDUCATION_9th	688
EDUCATION_Profsc	484
Audit	Cancel Save

Figure 5-8 Model Metrices

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



Field	Description	
Model Partitions	Select the model partitions from the drop-down list. If the model has been designed to have partitions, it will display the partitioned values based on underlying data of the defined partition column else display FULL MODEL.	
Metrices	Displays the various model attributes, as per the best model identified and trained. The number of model attributes is a function of algorithm and underlying pattern of data. Some attributes are common for all models as below.	
	Model Name	
	Algorithm	
	INF_TIME (Inference Time)	
	<model metric="">(Train)</model>	
	<model metric="">(Test)</model>	
Value	Displays the value of the attribute.	

Table 5-12 Model Metrices – Field Description

5.4.1.2 View Model Definition

This topic describes the systematic instructions to view the list of defined use cases.

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

• On Home screen, click Machine Learning. Under Machine Learning, click Model Definition.

The Model Definition screen displays.

4				
Usecase Name:	Usecase Name:	Usecase Name:	Usecase Name:	Usecase Name:
CONSUL_DEMO	ORIG_REQ_COMP_TIME	PARTY_CLUS_POC :	NEWCASE	CLASS_DATE_DFT :
Mod No 12	Mod No 5	Mod No 1	Mod No 2	Mod No 4
Correlation Y	Correlation N	Correlation Y	Correlation N	Correlation N
C Authorized 🔓 Open 🗹	2 D Unauthorized 🔓 Open 🔯 5	D Authorized & Open 1	Dunauthorized 🔓 Open 🔯 2	C Authorized 🔓 Open 🔯 4
Usecase Name:	Usecase Name:	Usecase Name:	Usecase Name:	Usecase Name:
CLASS_DEMO_ABHI	CaseIDTest	SEG_DEMO_MRID :	NetTest1	LOAN_DEFAULT_MODEL :
Mod No 15	Mod No 5	Mod No 2	Mod No 2	Mod No 1
Correlation N	Correlation N	Correlation Y	Correlation N	Correlation Y
🗅 Unauthorized 🔒 Open 🔯	5 Dunauthorized 🔓 Open 🔯 5	D Authorized	P Authorized A Open 2 2	D Authorized 🔓 Open 🔯 1

Figure 5-9 Model Definition

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

 Table 5-13
 Model Definition – Field Description

Field	Description
Usecase Name	Displays the name of the use case.
Mod No	Displays the modification number.
Correlation	Displays the default orange colour for New records. On correlation validation in Model definition screen, it will change to green colour.



Field	Description
Authorization Status	Displays the authorization status of the record. The options are: • Authorized • Rejected • Unauthorized
Record Status	Displays the status of the record. The options are: • Open • Closed
Modification Number	Displays the number of modification performed on the record.

Table 5-13 (Cont.) Model Definition – Field Description

5.4.2 Model Training and Scoring

This topic describes the systematic instructions to train the model for the selected use case and use the trained model to predict and score multiple records at a time.

The predicted values persist in the database and are available in the prediction column maintained for the user case.

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

1. On Home screen, click Machine Learning. Under Machine Learning, click Model Training and Scoring.

The Model Training and Scoring screen displays.

Model Training And Scoring		:: ×
Model Training and Scoring		
Use Case Name Select Usecase Name Required	Description	Use Case Type
Model Training		
Training Data Source Partition Column(s)	Unique Case Identifier	Taget Column
Model Batch Scoring		
Model Name	Inference Data Source	Batch Scoring

Figure 5-10 Model Training and Scoring

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

Table 5-14 Model Training and Scoring – Field Description

Field	Description
Use Case Name	Select the Use Case name from the drop-down list.



Field	Description
Description	Displays the description of the use case.
Use Case Type	Displays the type of use case.
Training Data Source	Displays the training data source.
Unique Case Identifier	Displays the unique case identifier.
Target Column	Displays the target column of the model.
Partition Column(s)	Displays the partition column of the model.
Model Name	Displays the name of the model.
Inference Data Source	Displays the Inference data source.

 Table 5-14
 (Cont.) Model Training and Scoring – Field Description

- 2. Select the use case name from the drop-down list.
- 3. Click **Train Model** to train the model for the selected use case.
- 4. Click Batch Scoring to predict the score for the data source records.

The predictions of batch scoring are now available for business consumption.

5.5 Online Single Record Prediction

This topic describes the information about the online single record prediction supported in common core.

This is made available as a REST API and allow you to predict for a single record. The predictions do not persist in the database.

These can be invoked directly from application user interface, to retrieve and display the results.

The explainability of the model outcome is also made available.

5.6 Use Case Modifications

This topic describes the information about the use case modifications.

Use case definition may undergo the following modification and would require model retraining. After each re-training run, you should review the model details discussed under Model Explainability

Use Case Modification	Model Re-training Required	Correlation Analysis Required
Data Source replaced by another data source	Yes	Yes
New column Added to existing data source	Yes	Yes
New columns Added to custom data source	Yes	Yes
Existing column removed from existing data source	Yes	Yes
Selected Algorithm Changed	Yes	No
Model Error statistic Changed	Yes	No
Partition Column Name list altered (added / removed)	Yes	Yes

Table 5-15 Use Case Modifications



5.7 Data Extensibility

This topic describes the information about Data Extensibility.

To address the requirement of banks to add new data points to the factory shipped data source, we have provided the facility of data extensibility.

Figure 5-11 Data Extensibility



Banks can add any number of new data columns to the customer data source.

The defined data source view is mapped to a use case in the Model definition.

Machine Learning will automatically consider all the available data points in the data source View.

5.8 Model Explainability

This topic describes the information about the Model Explainability.

The details of the Regression models built using the framework is made available under the **Model Metrices** screen in **Use Case Definition** for better understanding and transparency.

The available details are below:

- Model Name
- Algorithm Name
- Inference Time
- Training Error Metric
- Testing Error Metric
- List of data attributes that make up the model depending on the framework and algorithm used.

5.9 Model Monitoring and Auto Training

This topic describes about the Model Monitoring and Auto Training.

The underlying data on which a machine learning model is initially trained will eventually undergo changes in distribution over time. This shift in the data distribution away from the original distribution is referred to as data drift.



Not if, but when the underlying data drift is significant enough, the current model may lose its efficacy in predicting outcomes, on setting model decay.

Monitoring of deployed models is required to detect data drift and trigger model re-build or retraining.

Regression and Classification use case types are eligible for setting up model monitoring.



- 3. Click on the Use case tile to **Unlock**.
- 4. Select Model Monitoring tab in the Model Definition screen.

The Model Monitoring screen displays.

Figure 5-12	Model	Monitoring
-------------	-------	------------

Model Definition						::×
Use Case Setup Model Metrics	Model Monitoring					
Run Date	·	Run Frequency (Month)		Historic Window (Days)	Date Column Select Date Co	lumn 🔹
Drift reference	Scheduled Date	Drift (Re-Training Required	Re-Trained	Running Model 👔	Drift Details
24599731	Feb 5, 23	Y	Y	Y	NEW	R
24599821	Mar 5, 23	Y	Ν			
24600101	Apr 5, 23	Y	Ν		OLD	
24601021	Jul 5, 23					
Audit						Cancel Save

This screen allows you to setup Model monitoring for the use case.
 For more information on fields, refer to the field description table.
Field	Description
Run Case	Run date is the calendar date used with 'Run Frequency (Month)' to set up a recurring monitoring schedule. On the schedule date, model monitoring routine will analyze the underlying data to detect presence/absence of data drift and trigger model re-build. Permissible values: 1 – 31 and default is 15
	Note: This field is mandatory.
Run Frequency (Month)	Specify the run frequency in months. Example: if we want to schedule a run on 17th of every 6 months, then we set up Run Date: 17 Run Frequency (Month): 6 6 is the set default, the value. Minimum value is 1
	Note: This field is mandatory.
Historic Window (Days)	Historic window in days determine how far back should we consider, to define the window of data evaluation. Example: A value of 90 would mean a historic window from T-90 days to T Day, T being the system date. Default is set at 180. Note: This field is mandatory.
Date Column	This field captures the date column in the data source which should be considered for determining the historic window. Keep it empty If the data source does not have a date column. In the absence of a date column in the data source, system will consider the entire available data available in the data source.

Table 5-16 Model Monitoring – Field Description

6. The following fields are populated for reference once the model monitoring routine is executed on the scheduled date.

Field	Description
Drift Reference	Displays the Unique Drift Reference ID, populated by the model monitoring routine initial run
Scheduled Date	Displays the scheduled date after the initial run of the model monitoring routine.
Drift	Initially it will be empty and will get populated once the model monitoring routine runs and determines the presence or absence of drift. Display value is Y or N.
Re-Training Required	Model monitoring routine determines the re-training requirement and populates Y or N values.
Re-Trained	Model monitoring routine populates the status of re-training with Y or N values.
Running Model	The model monitoring routine evaluates both the existing and the new model, it re-trained, to determine which model best fits the contemporary changed data. Final values are OLD, if existing model is retained or NEW, for revised re- trained model.

Table 5-17 Model Evaluation - Field Description



The Drift Details button will be enabled only if drift is detected; otherwise, it will continue to be disabled.

The model monitoring routine identifies the drift in the data distribution using statistical hypothesis tests. Drift is of two types - Concept drift for target and data drift for the data attributes. Concept drift decides if the current model is to be re-trained or not. If concept drift is detected, this screen displays the analysis and statistical test values for both the concept drift and data drift of the attributes that contribute to the model.

The Drift Details screen displays.

Drift Details						
Attribute Name 🗘	Datatype 🗘	Statistical Test 🗘	Test Value 💲	P Value 💲	Drift Detected 🗘	Drift Type 💲
A5	NUMBER	KS-TEST	0.38	0	Υ	COVARIATE
A6	NUMBER	KS-TEST	0.25	0	Υ	COVARIATE
DFLT_FLAG	VARCHAR2	F1	-0.11		Y	CONCEPT

Figure 5-13 Drift Details

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

Field	Description		
Attribute Name	Displays the attributes used in the model		
Data type	Displays the data type of the attribute.		
Statistical Test	 Displays the statistical tests results. The available options are: F1 - concept drift KS-TEST - Numerical feature attributes CHI-SQR - categorical feature attributes 		
Test Value	Displays the numerical statistical test result		
P Value	The P Value determines the statistical significance. Will be null for F1 statistical test.		
Drift Detected	Indicates whether drift has been detected with a Y or N.		
Drift Type	Displays either concept or covariate (data) drift type.		

Table 5-18 Drift Details - Field Description

8. Select the relevant **Drift Reference** record.



Click from Drift header to view the comparative Model Performance Screen to understand how the decision of drift is arrived at.

Existing model is used to predict on an earlier data sample and the current data sample. The results of both the prediction are captured and displayed.

Classification models are compared on F1, AUC and Prediction accuracy while Regression, models are evaluated on prediction error.

Figure 5-14 Existing Model Performance on Old Trained data and Current Data

Classification		Regression		
Earlier Data 💲	Current Data 💲	Earlier Data 💲	Current Data 🗘	Error Type 🗘
F1 Comparison		Error Comparison		
0.62	0.88			
AUC Comparison				
0.67	0.95			
Prediction Accuracy Com	parison			
0.67	0.89			

9. Select relevant Drift Reference record.



Click from Running Model header to view the comparative performance of the retrained model vs current model, in order to understand how the system decided on which model best fit the current data distribution.

Classification models are evaluated on F1, AUC and Prediction accuracy while Regression models, are evaluated on prediction error.

Figure 5-15 Existing and New Model Metrics Comparison

Classification		Regression
Existing Model 🗘	New Model 🗘	Existing Model \diamond New Model \diamond Error Type \diamond
F1 Comparison		Error Comparison
0.61	0.5	
AUC Comparison		
0.67	0.47	
Prediction Accuracy Compa	rison	
0.67	0.5	



6 File Upload

This topics describes about the various File Upload features provided in common core.

- Country Code File Upload This topics describes the information to perform the bulk upload for the country code maintenance in common core.
- Bank Core Parameters File Upload This topics describes the information to perform the bulk upload for the bank core maintenance in common core.
- Branch Core Parameters File Upload This topics describes the information to perform the bulk upload for the branch core maintenance in common core.
- Currency Definition File Upload

This topics describes the information to perform Currency Definition maintenance in common core.

- BIC Directory File Upload This topics describes the information to perform the bulk upload for the BIC Directory maintenance in common core.
- Local Holiday File Upload This topics describes the information to perform Local Holiday maintenance in common core.
- Currency Holiday File Upload
 This topics describes the information to perform Currency Holiday maintenance in common core.
- External Customer File Upload This topics describes the information to perform External Customer maintenance in common core.
- External Customer Account File Upload This topics describes the information to perform External Customer Account maintenance in common core.
- Exchange Rate File Upload This topics describes the information to perform Exchange Rate maintenance in common core.
- Interest Rate File Upload This topics describes the information to perform the bulk upload for the interest rate maintenance in common core.

6.1 Country Code File Upload

This topics describes the information to perform the bulk upload for the country code maintenance in common core.

File Type Supported - CSV

File Naming Convention - CmcCountryMaint_<UniqueName>.csv



Note:

Replace the <UniqueName> for each file upload.

Note:

The fields marked as **Required** are mandatory.

Table 6-1 Country Code File Upload – Records

Sequen ce	Attribute Name	Туре	Size	Description
1	Action*	String	10	Denotes file operation type. Allowed values are new/modify
2	Country Code*	String	3	Country Code
3	Description*	String	105	Name of the country
4	Alt Country Code*	String	10	Alternate Country Code
5	Region Code*	String	3	Region Code
6	Blacklisted*	String	1	Indicates the country is blacklisted
7	IBAN Check Reqd*	String	1	Indicates check required for an IBAN is mandatory
8	Intra European*	String	1	Denotes the country is an intra European country
9	Clr Code Bic*	String	1	BIC Clearing Code Indicates the National ID in the BIC plus file is the clearing code
10	Clearing Network	String	6	Indicates the Clearing Network
11	ISO Num Country Code*	String	3	Denotes the ISO Country Code
12	Gen Mt205*	String	1	Indicates the cover message 205COV or 205
13	ISD Code*	String	10	Denotes the ISD Code
14	EU Country*	String	1	Indicates the country is recognized by Swift as a part of the Intra European countries

6.2 Bank Core Parameters File Upload

This topics describes the information to perform the bulk upload for the bank core maintenance in common core.

File Type Supported - CSV

File Naming Convention - CmcBankMaint_<UniqueName>.csv

Note:

Replace the <UniqueName> for each file upload.

Note:

The fields marked as **Required** are mandatory.

Sequen ce	Attribute Name	Туре	Size	Description
1	Action*	String	10	Denotes file operation type. Allowed values are new/modify
2	Days To Forget Customer*	String	4	Denotes Number of Days to inactive/Forget Customer
3	HO Branch*	String	3	Head Office Branch
4	Bank Name*	String	35	Name of the bank
5	Bank Code*	String	4	Denotes code for the bank

 Table 6-2
 Bank Core Parameters File Upload – Records

6.3 Branch Core Parameters File Upload

This topics describes the information to perform the bulk upload for the branch core maintenance in common core.

File Type Supported - CSV

File Naming Convention - CmcBranchMaint_<UniqueName>.csv

Note:

Replace the <UniqueName> for each file upload.

Note:

The fields marked as **Required** are mandatory.

Tuble 0 0 Drahen core r arameters r ne opioud muster record	Table 6-3	Branch Core Parameters File Upload – Master Record
---	-----------	--

Sequence	Attribute Name	Туре	Size	Description
1	Discriminator*	String	1	Denotes master record type. Default value is always "P"
2	Action*	String	10	Denotes file operation type. Allowed values are new/modify
3	Source Branch Code*	String	20	Code of the Source Branch
4	Source System*	String	35	Source System
5	Week Hol2	String	1	Denotes the weekly holiday 2
6	Week Hol1	String	1	Denotes the weekly holiday 1
7	Auto Auth*	String	1	Auto Authorization
8	Walkin Customer	String	20	Denotes Walk-in customer



Sequence	Attribute Name	Туре	Size	Description
9	Branch Lcy*	String	3	Branch Local Currency
10	Branch Addr3*	String	105	Denotes the branch address details - Address Line 1
11	Branch Addr2*	String	105	Denotes the branch address details - Address Line 2
12	Branch Addr1*	String	105	Denotes the branch address details - Address Line 3
13	Branch Name*	String	105	Name of the branch
14	Country Code*	String	3	Country Code
15	Host Code*	String	8	Host Code
16	Branch Code*	String	3	Denotes the Code of Branch

Table 6-3 (Cont.) Branch Core Parameters File Upload – Master Records

 Table 6-4
 Branch Core Parameters File Upload – Child Record 1

Sequence	Attribute Name	Туре	Size	Description
1	Discriminator*	String	10	Denotes the first child record type. Default value is always "BranchPref"
2	Report DSN	String	35	Denotes the details of the report DSN
3	DSN Name	String	35	Name of the DSN
4	Host Name	String	35	Host Name
5	Branch Code*	String	3	Denotes the Branch Code

 Table 6-5
 Branch Core Parameters File Upload – Child Record 2

Sequence	Attribute Name	Туре	Size	Description
1	Discriminator*	String	12	Denotes the second child record type. Default value is always "SwiftAddress"
2	Default BIC*	String	1	Denotes the Default BIC
3	Swift Address*	String	12	Denotes the swift address details
4	Branch Code*	String	3	Branch Code

6.4 Currency Definition File Upload

This topics describes the information to perform Currency Definition maintenance in common core.

File Type Supported - CSV

File Naming Convention - CmcCurrencyMaint_<UniqueName>.csv

Note:

Replace the <UniqueName> for each file upload.

Note:

The fields marked as **Required** are mandatory.

Table 6-6 Currency Definition File Upload – Master Records

Sequence	Field name	Туре	Size	Description
1	Discriminator*	String	1	Denotes master record type. Default value is always "P"
2	Action*	String	10	Denotes file operation type. Allowed values are new/modify
3	Currency Code*	String	3	Denotes Currency Code
4	Currency Name*	String	105	Name of the currency
5	Country*	String	3	Currency Country
6	Currency Decimals*	Number	1	Currency Decimals
7	Currency Round Rule*	String	1	Denotes Currency Round Rule
8	Currency Round Unit*	Number	7	Denotes Currency Round Unit
9	Currency Format Mask	String	1	Denotes Currency Format Mask
10	Currency Spot Days*	Number	3	Number of spot working days applicable for the currency
11	Currency Int Method*	Number	1	Currency Interest Method
12	Position GI	String	9	Position GL
13	Position Eqvgl	String	9	Position Equivalent GL
14	Currency Eur Type*	String	1	Currency Euro Type
15	Currency Tol Limit	Number	7	Currency Tolerance Limit
16	Settlement Msg Days*	Number	3	Settlement Message Days
17	Index Flag*	String	1	Derives index rate of the currency
18	Index Base Currency	String	3	Index Base Currency
19	Cut Off Hr*	Number	2	Hour of the day for the cut off
20	Cut Off Min*	Number	2	Minute of the hour for the cut of
21	Alt Currency Code*	String	10	Code of the alternate currency
22	Eur Conversion Reqd*	String	1	Euro Conversion Required
23	Cut Off Days*	Number	2	Cut Off Days for the payment transaction involving the currency
24	Cr Auto Ex Rate Lmt	Number	22	Credit Auto Exchange Rate Limit

Sequence	Field name	Туре	Size	Description
25	Dr Auto Ex Rate Lmt	Number	22	Debit Auto Exchange Rate Limit
26	Currency Type	String	3	Denotes Currency Type
27	Gen 103p*	String	1	Generate outgoing MT 103 messages in the MT 103 + format
28	Cls Currency*	String	1	CLS Currency
29	Fx Netting Days*	Number	3	Foreign Exchange Netting Days
30	Iso Num Currency Code	String	3	International Standardization Organization numerical currency code
31	Gen Cust Cov*	String	1	New Cover Message Format Required
32	Validate 50f*	String	1	Validate Tag-50F
33	Maintenance Country*	String	3	Maintenance Country
34	Commodity Code*	String	1	Denotes Commodity Code

Table 6-6 (Cont.) Currency Definition File Upload – Master Records

Table 6-7 Currency Definition File Upload – Child Records

Sequence	Field name	Туре	Size	Description
1	Discriminator*	String	1	Denotes child record type. Default value is always "C"
2	Maintenance Country*	String	3	Maintenance Country
3	Country Code*	String	3	Denotes Country Code
4	Country Desc*	String	105	Name of the Country
5	Currency Code*	String	3	Denotes Currency Code

6.5 BIC Directory File Upload

This topics describes the information to perform the bulk upload for the BIC Directory maintenance in common core.

File Type Supported - CSV

File Naming Convention - CmcBICDirectory_<UniqueName>.csv

Note: Replace the <UniqueName> for each file upload.

Note:

The fields marked as **Required** are mandatory.



Sequence	Field Name	Туре	Size	Description
1	Action*	String	10	Denotes file operation type. Allowed values are new/modify
2	BIC Code*	String	11	Indicates the unique BIC Code by which the bank is identified by SWIFT.
3	Bank Name*	String	35	Name of the bank
4	Customer No	String	20	Customer Number
5	Sk Arrangement*	String	1	Denotes the SWIFT key arrangement
6	Bank Address1*	String	35	Indicates the bank address details of the customer - Address Line 1
7	Bank Address2*	String	35	Indicates the bank address details of the customer - Address Line 2
8	Bank Address3*	String	90	Indicates the bank address details of the customer - Address Line 3
9	Relationship*	String	1	Relationship
10	Swift Key*	String	50	Denotes the swift key details
11	Telex Key*	String	50	Indicates the unique telex key for the BIC directory
12	Upload Flag*	String	1	Upload Flag for the BIC directory
13	Upload Update*	String	1	Updated the BIC directory during an upload
14	Gen Mt103*	String	1	Indicates the counter party whose BIC code details you are capturing capacitate to receive payment messages in the MT 103 format
15	Blacklisted*	String	1	Indicates the BIC entity is blacklisted
16	CUG Member*	String	1	Indicates the BIC entity is a closed user group member
17	Gen Mt103p*	String	1	Indicates the counter party whose BIC code details you are capturing capacitate to receive payment messages in the MT 103 format
18	Multi Cust Transfer*	String	1	Denotes the Multi-Customer Credit Transfer details
19	Max Size*	Number	38	Indicates the maximum size
20	Remit Member*	String	1	Indicates the customer is registered with MT 103 extended remittance information multiple user group
21	Sub Type Code	String	4	Denotes the Sub-Type Code
22	Gen Mt102p*	String	1	Generates 102+ message
23	Gen Mt101*	String	1	Indicates MT101 can be sent/ received from this BIC
24	Transaction Per Msg*	Number	40	Number of Transactions Per Page
25	ADB Member*	String	1	Denotes the ADB member

Table 6-8 BIC Directory File Upload – Master Records



Table 6-8 (Cont.) BIC Directory File Upload – Master Records

Sequence	Field Name	Туре	Size	Description
26	BE Indicator*	String	1	Denotes the BEI Indicator

6.6 Local Holiday File Upload

This topics describes the information to perform Local Holiday maintenance in common core.

File Type Supported - CSV

File Naming Convention - CmcBranchLocalHoliday_<UniqueName>.csv

Note:

Replace the <UniqueName> for each file upload.

Note:

The fields marked as **Required** are mandatory.

Sequence	Field Name	Туре	Size	Description
1	Discriminator*	String	1	Denotes master record type. Default value is always "P"
2	Action*	String	10	Denotes file operation type. Allowed values are new/modify
3	Branch Code*	String	3	Branch Code
4	Year*	Number	4	Indicates the year details
5	Weekly Holidays*	String	7	Defines weekly holidays
6	Unexp Hol*	String	1	Define unexpected holidays

Table 6-9 Local Holiday File Upload - Master Records

Table 6-10 Local Holiday File Upload - Child Records

Sequence	Field Name	Туре	Size	Description
1	Discriminator*	String	1	Denotes child record type. Default value is always "C"
2	Branch Code*	String	3	Branch Code
3	Year*	Number	4	Indicates the year details
4	Month*	Number	2	Indicates the month details
5	Holiday List*	String	31	Denotes the Holiday List



6.7 Currency Holiday File Upload

This topics describes the information to perform Currency Holiday maintenance in common core.

File Type Supported - CSV

File Naming Convention - CmcCurrencyHoliday_<UniqueName>.csv



Table 6-11 Currency Holiday File Upload - Master Records

Sequence	Field Name	Туре	Size	Description
1	Discriminator*	String	1	Denotes master record type. Default value is always "P"
2	Action*	String	10	Denotes file operation type. Allowed values are new/modify
3	Currency*	String	3	Currency
4	Year*	Number	4	Indicates the year details
5	Weekly Holidays*	String	7	Defines weekly holidays

Table 6-12 Currency Holiday File Upload - Child Records

Sequence	Field Name	Туре	Size	Description
1	Discriminator*	String	1	Denotes child record type. Default value is always "C"
2	Currency*	String	3	Currency
3	Year*	Number	4	Indicates the year details
4	Month*	Number	2	Indicates the month details
5	Holiday List*	String	31	Denotes the Holiday List

6.8 External Customer File Upload

This topics describes the information to perform External Customer maintenance in common core.

File Type Supported - CSV

File Naming Convention - CmcCustomerMaint_<UniqueName>.csv



Note:

Replace the <UniqueName> for each file upload.

Note:

The fields marked as **Required** are mandatory.

Table 6-13	External Customer	File Upload -	 Master Records
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Sequence	Field Name	Туре	Size	Description
1	Action*	String	10	Denotes file operation type. Allowed values are new/modify
2	Country*	String	3	Country of the customer
3	Language*	String	3	Denotes the Language of the customer
4	Nationality*	String	3	Denotes the Nationality of the customer
5	Locale	String	10	Indicates the Locale of the customer
6	Deceased*	String	1	Indicates the customer is deceased
7	Frozen*	String	1	Denotes the customer account is frozen
8	Whereabouts Unknown*	String	1	Indicates the customer's whereabouts are unknown
9	Rmld	String	12	Relationship Manager ID
10	Sanctions Checks Required*	String	1	Indicates the sanction check is required
11	Staff*	String	1	Indicates a staff customer
12	Walkin Customer*	String	1	Indicates a walk-in customer
13	Source System*	String	35	Source System
14	Source System Cust No*	String	35	Denotes the Source System Customer Number
15	Customer No*	String	20	Number for the customer
16	Host Code	String	8	Denotes the Host Code
17	Customer Type*	String	1	Type of Customer
18	Customer Category	String	10	Denotes the Customer Category
19	Customer Name1*	String	105	Name of the customer
20	Short Name*	String	20	Short name of the customer
21	Address Line1*	String	105	Indicates the customer address details - Address Line 1
22	Address Line2*	String	105	Indicates the customer address details - Address Line 2
23	Address Line3*	String	105	Indicates the customer address details - Address Line 3
24	Address Line4*	String	105	Indicates the customer address details - Address Line 4



Sequence	Field Name	Туре	Size	Description
25	Pincode*	String	15	Denotes the postal code details of the customer

Table 6-13 (Cont.) External Customer File Upload - Master Records

6.9 External Customer Account File Upload

This topics describes the information to perform External Customer Account maintenance in common core.

File Type Supported - CSV

File Naming Convention - CmcAccountMaint_<UniqueName>.csv

Note: Replace the <UniqueName> for each file upload.

Note:

The fields marked as **Required** are mandatory.

Table 6-14	External Customer	Account File Upload	 Master Records
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Sequence	Field Name	Туре	Size	Description
1	Action*	String	10	Denotes file operation type. Allowed values are new/modify
2	Country Code*	String	10	Country Code
3	Address4*	String	105	Denotes the address details - Address Line 4
4	Address3*	String	105	Denotes the address details - Address Line 3
5	Address2*	String	105	Denotes the address details - Address Line 2
6	Address1*	String	105	Denotes the address details - Address Line 1
7	Eca Check Req*	String	1	Indicates External Credit Approval Required check is required for the external customer account
8	Account Class*	String	6	Denotes the Account Class
9	Ac Stat Dormant*	String	1	Indicates the account status is dormant
10	Ac Stat Frozen*	String	1	Indicates the account status is frozen
11	GI Stat Blocked*	String	1	Indicates the account status is blocked



Sequence	Field Name	Туре	Size	Description
12	Ac Stat No Dr*	String	1	Indicates the account does not have any debit facility
13	Ac Stat No Cr*	String	1	Indicates the account does not have any credit facility
14	Ac Open Date*	String	35	Denotes the Account Open Date (Date format should be yyyy-MM- dd, i.e. 2018-03-30)
15	Cust Ac Name*	String	105	Account Name of the customer
16	Cust Ac Ccy*	String	3	Account Currency of the customer
17	Customer No*	String	20	Indicates the Customer Number
18	Source System Acc Brn*	String	20	Denotes the Source Account Branch
19	Source System Acc No*	String	35	Denotes the Source Customer Account Number
20	Source System*	String	35	Source System
21	Cust Ac IBAN	String	35	Indicates the account IBAN details
22	Host Code*	String	8	Denotes the host code details
23	Cust Account No*	String	20	Indicates the Customer Account Number

Table 6-14 (Cont.) External Customer Account File Upload - Master Records

6.10 Exchange Rate File Upload

This topics describes the information to perform Exchange Rate maintenance in common core.

File Type Supported - CSV

File Naming Convention - CmcCurrencyExchangeRate_<UniqueName>.csv



Table 6-15	Exchange Rate File Upload - Master Records
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Sequence	Field Name	Туре	Size	Description
1	Discriminator*	String	1	Denotes master record type. Default value is always "Pâ€
2	Action*	String	10	Denotes file operation type. Allowed values are new/modify



Sequence	Field Name	Туре	Size	Description
3	Branch Code*	String	3	Branch for which exchange rate is applicable
4	Currency1*	String	3	From currency pair
5	Currency2*	String	3	To currency pair

Table 6-15 (Cont.) Exchange Rate File Upload - Master Records

Table 6-16 Exchange Rate File Upload - Child Records

Sequence	Field Name	Туре	Size	Description
1	Discriminator*	String	1	Denotes child record type. Default value is always "Câ€
2	Branch Code*	String	3	Branch for which exchange rate is applicable
3	Currency1*	String	3	From currency pair
4	Currency2*	String	3	To currency pair
5	Rate Type*	Number	8	Denotes rate type defined in the system
6	Mid Rate*	Number	25	Mid rate applicable for the current pair
7	Buy Spread*	Number	40	Buy spread applicable for the currency
8	Sale Spread*	Number	40	Sell spread applicable for the currency
9	Buy Rate*	Number	25	Buy rate applicable for the currency
10	Sale Rate*	Number	25	Sell rate applicable for the currency
11	Rate Date*	String	35	Effective date applicable for the rate

6.11 Interest Rate File Upload

This topics describes the information to perform the bulk upload for the interest rate maintenance in common core.

File Type Supported - CSV

File Naming Convention - CmcIntRate<UniqueName>.csv

Note:

Replace the <UniqueName> for each file upload.

Note:

The fields marked as **Required** are mandatory.

Sequence	Field name	Туре	Size	Description
1	Rate Code*	String	10	Denotes the rate code
2	Description*	String	120	Denotes Rate description
3	Branch Code*	String	3	Displays the branch code
4	Quote Basis for Loans*	Number	1	Select the quote basis for loans from the drop down list
5	Propagate Rate to Branches*	String	1	If this is checked then the rate code is propagated to all the other branches from head office branch
6	Туре*	String	1	Denotes the Rate Code is of Fixed or Floating in the usage perspective
7	Maker ID*	String	12	Sender or maker of the external customer configuration create service.
8	Maker Date Stamp*	DATE	-	Timestamp of the creation.
9	Checker ID*	String	12	Approver/ authorizer of the external customer configuration.
10	Checker Date Stamp*	DATE	-	Timestamp of the approval.
11	Record Status*	CHAR	1	External customer configuration status - active/open or inactive/closed
12	Authorisation Status*	CHAR	1	Authorization status - authorized or unauthorized
13	Once Authorised*	CHAR	1	Determines if the record has been authorized at least once.
14	Modification Number*	Number	4	Modification Number.

Table 6-17 Interest Rate File Upload – Master Records



Sequence	Field name	Туре	Size	Description
1	Rate Code*	String	10	Denotes the rate code
2	Branch Code*	String	3	Denotes the branch code
3	Currency Code*	String	3	Denotes the Currency Code
4	Amount Slab*	Number	22,3	Denotes the Amount Slab
5	Effective Date*	DATE	-	Denotes the Effective Date
6	Borrow Lend Indicator*	CHAR	1	Denotes Borrow Lend Indicator

 Table 6-18
 Interest Rate File Upload – Child Records 1

Table 6-19 Interest Rate File Upload – Child Records 2

Sequence	Field name	Туре	Size	Description
1	Rate Code*	String	10	Denotes the rate code
2	Branch Code*	String	3	Displays the branch code
3	Currency Code*	String	3	Denotes the Currency Code
4	Amount Slab*	Number	22,3	Denotes the Amount Slab
5	Effective Date*	DATE	-	Denotes the Effective Date
6	Borrow Lend Indicator*	CHAR	1	Denotes Borrow Lend Indicator
7	Tenor To*	Number	5	Denotes Tenor To
8	Units*	String	1	Denotes Tenor Units
9	Interest Rate*	Number	13,8	Denotes the Interest Rate

7 Rules Framework

This topic describes about the rules framework.

This Rules framework is used for creation and evaluation of business rules, creation of facts, which are the building blocks in business rules.

This topic contains the following subtopics:

- Fact This topic describes about the Fact.
- Rule This topic describes about the Rule.

7.1 Fact

This topic describes about the Fact.

Fact is the information-carrying block, used for creating the rules.

Fact can be of the following type:

- NUMBER
- TEXT
- BOOLEAN
- DATE
- ARRAY
- ENUM

This topic contains the following subtopics:

- Create Fact
 This topic describes the systematic instructions to configure fact.
- View Fact This topic describes the systematic instructions to view the list of fact.

7.1.1 Create Fact

This topic describes the systematic instructions to configure fact.

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

- 1. From Home screen, click Core Maintenance. Under Core Maintenance, click Fact.
- 2. Under Fact, click Create Fact.
- 3. Click **New** to create a single fact.

The Create Fact screen displays.



Figure 7-1 Create Fact

Create Fact				::×
New Bulk Upload				
Fact				
Code	Description	Product Processor Q	Tag	
Type Required NUMBER	Required	Required		
Save				Download Template

4. Specify the fields on **Create Fact** screen.



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

Table 7-1 Create Fact – Field Description

Field	Description					
Code	Specify the alphanumeric code without space for the fact.					
Description	Specify the description of the fact.					
Product Processor	Click Search and select the product processor from the list.					
Тад	Specify the tag for fact.					
Туре	 Select the type of the fact from the dropdown list. The available options are: Number Text Boolean Date Array ENUM 					

5. Click Save to save the details of fact.

Bulk Upload

6. Click Bulk Upload to create a multiple fact.

The Bulk Upload screen displays.

Figure 7-2 Bulk Upload

Create Fact		::×
New Bulk Upload		
		Download Template
Drag and Drop		
Select or drop files he	re.	
Selected files:		
Upload		

7. Click **Download Template** to download the sample file.

Specify all the Facts details to be created in the sample file and save the file.



- 8. Click **Drag and Drop** and select the file from the browser.
- 9. Click Upload.

Create ENUM Type Fact

10. Select the type as ENUM FACT from the drop-down list.

The Create Fact screen displays.

Create Fact			it ×
New Bulk Upload			
Fact			
Code Required Type ENUM	Description	Product Processor Q Required	Tag
Save			Download Template

- 11. Specify the fields on Create Fact screen.
- 12. Click to add the list of ENUM fact values.



- to delete the list of ENUM fact values.
- 14. Click Save to save the details the facts.

The Fact is successfully created and can be viewed using View Fact screen.

7.1.2 View Fact

This topic describes the systematic instructions to view the list of fact.

The user can configure fact using Create Fact screen.

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

- 1. From Home screen, click Fact.
- 2. Under Fact, click View Fact.

The **View Fact** screen displays.



Figure 7-3 View Fact

Product Processor	Q			Tag	•
ilter:					
Type to filter		(Right Click on Row to open Details	5) Refresh		
Fact Id	Fact Name		Description	Product Processor	
701	OBP2Num	ber	number fact	PLATORULE	

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

Table 7-2 View Fact – Field Description

Field	Description
Product Processor	Displays the product processor.
Fact ID	Displays the Fact ID.
Fact Name	Displays the name of the fact.
Description	Displays the description of the fact.

- 3. Specify the Fact details in **Filter** textbox to filter the data.
- 4. Click **Refresh** to refresh the screen.
- 5. Right-click on the fact from the list and Click View Details.

The **Fact Creation** screen displays.

Figure 7-4 fact Creation

Fact Creation				::×
New Bulk Upload				
Fact				
Code	Description	Product Processor	Tag	
OBP2Number	number fact	PLATORULE Q		
Туре				
NUMBER				
Save				
			De	ownload Template

6. Specify the fields on **Fact Creation** screen.



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



Field	Description					
Code	Specify the alphanumeric code without space for the fact.					
Description	Specify the description of the fact.					
Product Processor	Select the product processor.					
Тад	Specify the tag values.					
Туре	 Select the type of the fact from the dropdown list. The available options are: Number Text Boolean Date Array ENUM 					

Table 7-3 Fact Creation – Field Description

7.2 Rule

This topic describes about the Rule.

Rule enables the user to build the expression to perform the calculation with the facts created.

The type of rules supported are:

- Logical: Example (ACCOUNT_BAL > 124432) && (VALID_TILL < VALID_DATE)
- Arithmetic: Example: (CREDIT_BALANCE + TAX_CREDIT INTEREST_AMOUNT)
- Relational: Example: (FACT5 == ACCOUNT && TAX >= 10)
- Nested: Example: (RULE_ACCOUNT = TRUE) && (ACCOUNT_BAL > 21234)
- Multiple-If else: Example: IF (ACCOUNT_BAL > 124432) then OUTPUT1 ELSE IF (ACCOUNT_BAL < 124432) then OUTPUT2
- Multiple Nesting: Example- INNERCHILDRULE : (ACC_BAL > 30000) then OUTPUT = true
 - CHILDRULE : ((INNERCHILDRULE == true) && (CBLSCORE > 5)) then OUTPUT = true
 - PARENTRULE: ((ACCTYPE == HOMELOAN) && (CHILDRULE == true))

Steps to build a Nested Rule expression is explained with the below example

The Rule Expression for Loan to Value (LTV) is Loan to Value (LTV) = (LOANAMOUNT / COLLATERAL_VALUE) *100

For now, the above expression is not supported directly, and LTV calculation is achieved by the below steps.

1. Create a Rule1 - LOAN_TO_COLLATERAL

Expression - LOANAMOUNT/COLLATERAL_VALUE

2. Create a rule2 - Loan to Value (LTV)

Expression - LOAN_TO_COLLATERAL *100

This topic contains the following subtopics:



- Create Rule This topic describes the systematic instructions to configure rule.
- View Rule This topic describes the systematic instructions to view the list of rule.
- Evaluate Rule This topic describes about the Evaluate Rule.
- Rule Group
 This topic describes about the Rule Group.
- View Audit Rule This topic describes the View Audit Rule.

7.2.1 Create Rule

This topic describes the systematic instructions to configure rule.

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

- 1. From Home screen, click Core Maintenance. Under Core Maintenance, click Rule.
- 2. Under Rule, click Create Rule.

The Create Rule screen displays.

r					+ Add Sectio
25					
Basic Info					
Code	Description		Product Processor	Tag	-
Required	Rule Version		Required		
Q		Q			
No items to display.					
Expression					
IF					
Output Section1					
LISE					

Figure 7-5 Create Rule

3. Specify the fields on Create Rule screen.



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



Field	Description
Code	Specify the alphanumeric code without space for the rule
Description	Specify the description of the rule
Product Processor	Click Search and select the product processor.
Тад	Select the tag from the drop-down list.
Select Existing Rule	Click Search and select the existing rule.
Add Section	Click Add Section to create the multiple rule condition.
Expression Builder	Select the expressions to build the rule.
Add Expression	Click Add Expression to create the expression for the rule.
+ Icon	Click + icon to add new expression.
Fact / Rules	Select the fact or rule from the drop-down list.
Operator	Select the comparison operator from the drop-down list.
Data Type	Select the data type for the fact or rule. Once the user select the data type, one more field opens adjacent to the output, update the same based on the selected output option. The available options are: • Text • Number • Boolean • Date • Fact The below option appears if the Data Type is selected as Boolean. • True
Output	 Select the output from the drop-down list. Once the user select the data type, one more field opens adjacent to the output, update the same based on the selected output option. The available options are: Text Number Boolean Date Fact
Expression	Displays the expression and output updated in the expression builder.

Table 7-4 Create Rule – Field Description

4. Click Save to save the details of rule.

Create Rule with multiple Output Steps to build a Rule with multiple output is explained with the below example.

The Rule Expression for Multiple output rule is: IF (TotalIncome > 20000) && (TotalExpense < 8000)

]								+ Add Sec
;								
Basic Info								
de		Description			Product Processor		Tag	
Rule1		Testrule			SMS	Q		-
lect Existing rule		Rule Version						
Q				Q				
Section1								
Expression Builder								
+ Add Expression								
+								•
B Facts	▼ Select F		•			- I 40		_
		Required		Required				
1 D Facts	▼ Select F	-	•	-				
		Required		Required				
Dutout								
Julput								
+ +								
TEXT	•	Enter	Text Value		Enter Description			
		C. Protos						
	•	Enter	lext value		Enter Description			
se								
+ =								
TEXT	-	Enter	ext Value		Enter Description			
TEXT	-	Enter	ext Value		Enter Description			
pression								
(&&) Dutput								
Section1 Ise								

Figure 7-6 Create Rule with Multiple Output

5. Click **Save** to save the details the Rule.

The Rule is successfully created and can be viewed using View Rule screen.

7.2.2 View Rule

This topic describes the systematic instructions to view the list of rule.

The user can configure fact using Create Rule screen.

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

- 1. From Home screen, click Rule.
- 2. Under Rule, click View Rule.

The View Rule screen displays.

roduct Processor	r	Tag		
PLATORULE	Q	↓ ▼		
ilter:				
Type to filter	\otimes		(Right Click on Row to open Detai	s) Refresh
Rule Id	Rule Name	Description	Product Processor	Version
747	multiOutputEdit	multiOutputEdit21	PLATORULE	4
723	ELPLVL	ELPLVL	PLATORULE	4
743	multiOutputEdit	multiOutputEdit21	PLATORULE	3
721	ELPLVL	ELPLVL	PLATORULE	3
703	ELPLVL	ELPLVL	PLATORULE	2
731	multiOutputEdit	multiOutputEdit	PLATORULE	2
701	ELPLVL	ELPLVL	PLATORULE	1
727	multiOutputEdit	multiOutputEdit	PLATORULE	1

Figure 7-7 View Rule

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

Table 7-5 View Rule – Field Description

Field	Description
Product Processor	Displays the product processor.
Rule ID	Displays the Rule ID.
Rule Name	Displays the name of the rule.
Description	Displays the description of the rule.

3. Specify the rule details in **Filter** textbox to filter the data.

4. Click **Refresh** to refresh the screen.

5. Right-click on the rule from the list and Click View Details.

6. Click Edit to edit the rule.

The Rule Creation screen displays.

s						
Basic Info						
ode	Description		Product Processor		Tag	
multiOutputEdit	multiOutputEdit21		PLATORULE	Q		-
elect Existing rule	Rule Version					
Q	4	٩				
ection1						
pression Builder						
Add Expression						
E Facts		JMBER -	23			
Jutout						
+ =						
• • •						
TEXT	section3		Enter Description			
ection2						
pression Builder						
Facts	DBP2NL V = V NI	JMBER -	321		1	
Dutput						
+ 🕯						
	section3		testingedit			
	Sections		testingeoit			
lse						
+ =						
No items to display.						
xpression						
F (OBP2Number == 23) elseif (Ol	BP2Number == 321)					
, , ,						
Dutput						
Dutput Section1 section3 Section2 section3						
Dutput Section1 section3 Section2 section3 Else						

Figure 7-8 Rule Creation

7. Specify the fields on **Create Rule** screen.

Note:

The fields marked as **Required** are mandatory.

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

Table 7-6 Create Rule – Field Description

Field	Description
Code	Specify the alphanumeric code without space for the rule.



Field	Description			
Description	Specify the description of the rule.			
Product Processor	Click Search and select the product processor.			
Тад	Select the tag from the drop-down list.			
Select Existing Rule	Click Search and select the existing rule.			
Add Section	Click Add Section to create the multiple rule condition.			
Expression Builder	Select the expressions to build the rule.			
Add Expression	Click Add Expression to create the expression for the rule.			
+ Icon	Click + icon to add new expression.			
Fact / Rules	Select the fact or rule from the drop-down list.			
Operator	Select the comparison operator from the drop-down list.			
Data Type	 Select the data type for the fact or rule. Once the user select the data type, one more field opens adjacent to the output, update the same based on the selected output option. The available options are: Text Number Boolean Date Fact The below option appears if the Data Type is selected as Boolean. True False 			
Output	Select the output from the drop-down list. Once the user select the data type, one more field opens adjacent to the output, update the same based on the selected output option. The available options are: • Text • Number • Boolean • Date • Fact			
Expression	Displays the expression and output updated in the expression builder.			

Table 7-6 (Cont.) Create Rule – Field Description

8. Click **Save** to save the details of rule.

7.2.3 Evaluate Rule

This topic describes about the Evaluate Rule.

Once the rule has been created the evaluate API has to be invoked to evaluate the rule.

To evaluate a rule, **rule name & namespace** are the **mandatory** parameters passed to the API and **version** of the rule is an **optional** parameter. If the version of the rule is not passed to the API then by **default** the **latest version of the rule** is evaluated.

The evaluate API url to be invoked is:

/rule-service/rules/evaluate/{namespace}/{ruleName}

ORACLE

Method: POST

Headers Required

appld: PLATORULE

userId: ASHISH

Content-Type: application/json

Request Body

```
{
    "LOAN_AMOUNT": "15001",
    "LOAN_TYPE":"Auto_loan",
}
```

Response

```
{
    "ruleEvaluated": true,
    "result": "true",
    "ruleId": 8161,
    "ruleName": "DIVYARULE1",
    "outputDescription": "null",
    "responseType": null,
    "error": null,
    "req_id": "reqId_1652082090755"
}
```

7.2.4 Rule Group

This topic describes about the Rule Group.

Grouping individual rules by name and priority into a RuleGroup.

For the evaluating a RuleGroup, user will pass all the required Fact data to evaluate API & if the evaluate Group flag is set to false, the API will evaluate rule one by one based on priority and return for the rule which evaluates to true. If the evaluate Group flag is set to true then the API will evaluate rule one by one based on priority for all rules in the RuleGroup and return the response of all the rules.

Please find below an example for a Rule Group:

RULEGROUP1:

RULE1: (ACC_BAL > 400)

RULE2: (ACC_BAL < 10000)

RULE3: MIN (FICOSCORE

• Create Rule Group This topic describes the systematic instructions to configure rule group.

• View Rule Group This topic describes the systematic instructions to view the list of rule group.



7.2.4.1 Create Rule Group

This topic describes the systematic instructions to configure rule group.

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

- 1. From Home screen, click Core Maintenance. Under Core Maintenance, click Rule.
- 2. Under Rule, click Create Rule Group.

The Create Rule Group screen displays.

Figure 7-9 Create Rule Group

Create Rulegroup			:: ×
New			
Group Name required	Product Processor OBCR Q	Tag	
Required			
((() (OS Is Equal To 100000	1	111
Save			

3. Specify the fields on Create Rule Group screen.



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

Table 7-7 Create Rule Group– Field Description

Field	Description		
Group Name	Specify the unique group name for the selected rules.		
Product Processor	Click Search and select the product processor.		
Тад	Specify the tag for rule group.		
Evaluate Group	Select the toggle to evaluate the expression in sequence. Note: NOTE: If the toggle is disabled, the evaluation of the expression stops when the condition of expression is evaluated to True.		
+ Icon	Click + icon to add new expression.		

4. Click **Save** to save the details the Rule.

The Rule is successfully created and can be viewed using View Rule Group screen.



7.2.4.2 View Rule Group

This topic describes the systematic instructions to view the list of rule group.

The user can configure fact using Create Rule Group screen.

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

- **1.** From **Home** screen, click **Rule**.
- 2. Under Rule, click View Rule Group.

The View Rule Group screen displays.

OBCR	0				
	ų	-			
.er:					AMMM X888891111
Type to filter	\otimes		(Right Click on Ro	w to open Details) Refres	h
roup Id	Group Name	Description	Product Pro	ocessor	
101	TestingEnv		OBCR		

Figure 7-10 View Rule Group

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

 Table 7-8
 View Rule Group – Field Description

Field	Description	
Product Processor	Click Search and select the product processor.	
Тад	Specify the tag for rule group.	
Group ID	Displays the Group ID.	
Group Name	Displays the name of the group.	
Description	Displays the description of the group.	
Product Processor	Displays the product processor.	

7.2.5 View Audit Rule

This topic describes the View Audit Rule.

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

1. From Home screen, click Rule. Under Rule, click View Audit Rule.

The View Audit Rule screen displays.

est Id			IJ
	Submit	SI	how Rule

Figure 7-11 View Audit Rule

2. Specify the fields on View Audit Rule screen.

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

Table 7-9 View Audit Rule – Field Description

Field	Description
Request ID	Specify the request ID available from the output of evaluate API.

- 3. Click **Submit** to view to details.
- 4. Click Show Rule log, to view the log rule for selected request ID.

8 Document Verification Framework

This topic helps the user quickly get acquainted with the Document verification framework.

In this digital age, there is still a strong reliance on physical document verification, especially in large organizations such as government, enterprise companies, banks, and universities/ colleges.

Manual Verification of documents for Identification is laborious. Not only do we have to organize and categorize the files, extracting meaningful information manually takes a lot of time and effort.

These business organizations employ data entry teams whose sole purpose is to take these physical documents, manually re-type the information, and then save it into the system which is cumbersome. This can annoy customers as well as employees ultimately resulting in decreased productivity.

So, there is a strong need to digitize the information on the documents and extract the required data. This document verification framework has a set of APIs that allows you to extract required fields from the Identification documents automatically, thus saving a lot of time and effort.

Prerequisites

Document Verification framework is designed to extract the detailed information from the uploaded documents like Passport, National ID card, driving license, etc.

This topic contains the following subtopics:

- Text Extraction This topic provides the information about the Text Extraction.
- Image Processing This topic provides the information about the Image Processing.
- Document Verification API Details This topic provides the information about the Document Verification API Details.
- Validate Information API details This topic provides the information about the Validate Information API details.
- Recommendations For Better Performance This topic provides the information about the better quality of the source image, the higher the accuracy of extraction will be.

8.1 Text Extraction

This topic provides the information about the Text Extraction.

Optical character recognition or optical character reader (OCR) is the process of digitizing documents and extracting text from them. Widely used as a form of data entry from scanned documents – Here the text is first scanned, analyzed, and is finally translated into character codes. This machine-encoded text can be easily searched and edited electronically.



OCR has greatly improved the process of data entry. The need for the documents to be scanned is on a constant rise as it enables these documents to be viewed conveniently when required. The most popular application of OCR is Data entry for business documents, e.g. ID card, driving license, passport, cheque, invoice and salary slip.

Benefits of OCR:

- 1. **100% Text-searchable Documents** One of the huge advantages of OCR data processing is that it makes the digitized documents completely text searchable. This helps professionals to quickly lookup numbers, addresses, names, and various other parameters that differentiate the document being searched.
- 2. **Reduced Cost** Besides helping an organization in cutting down the cost of hiring manpower for data extraction, it also helps in reducing several other costs like printing, copying, shipping charge, etc.
- Reduced Errors It resolves the problem of data loss and inaccuracy and helps in reducing errors.
- 4. **More Storage Space** -The lesser the documents, the larger space. Organizations have always wanted to take the 'Paperless' approach and OCR just makes it possible. Also, the expenses of file cabinets are saved with this approach.
- Ready Availability By scanning the information of documents through OCR, the data can be made available in several different places. One can carry it in a USB drive and retrieve the wanted information with just a few clicks.
- 6. Superior Data Security Data security is of utmost importance for any organization. Paper documents are easily prone to loss or destruction. However, this is not the case with data that is scanned, analyzed, and stored in digital formats. Furthermore, access to these digital documents can also be minimized to prevent mishandling of the digitized data.
- 7. Massively Improves Customer Service Several inbound contact centers often provide information that their customers seek. While some call centers provide customers with the information they need, others will have to quickly access certain personal or order-related information of the customers to process their requests. Quick data accessibility becomes extremely important in such cases. This helps in systematically storing and retrieving the documents digitally at blazing speeds. With this, the waiting time is drastically reduced for the customers, thereby improving their experience.

8.2 Image Processing

This topic provides the information about the Image Processing.

Text Recognition depends on a variety of factors to produce good quality output. The text output highly depends on the quality of the input image. These guidelines help document extraction engine to produce accurate results.

Image Preprocessing comes into play to improve the quality of input image so that the engine gives an accurate output. The main objective of the Preprocessing phase is to make it easy for the system to distinguish a character from the background.

The preprocessing can be controlled using the configuration files and are explained at the bottom. The configuration varies between documents and country.

The following image processing operations are used to improve the quality of input image:

• **Image Scaling** – OCR gives accurate output for images with 300 DPI which describes the resolution. Keeping DPI lower than 200 will give unclear and incomprehensible results while keeping the DPI above 600 will unnecessarily increase the size of the output file without improving the quality of the file. Thus, a DPI of 300 works best for this purpose.


- Image Skew Correction A Skewed image is defined as a document image that is not straight. Skewed images directly impact the line segmentation of the OCR engine which reduces its accuracy. These kinds of images are to be processed to correct text skew.
- Background Cropping Background is cropped from scanned images if it contains any. This is really important as we want to remove unwanted areas from the image that does not contain text at all.
- Noise Removal Noise is removed from images as it decreases the readability of text. The main objective of the Noise removal stage is to smoothen the image by removing small dots/patches which have high intensity than the rest of the image. Noise removal can be performed for both Colored and Binary images.
- **Binarization** This involves converting a colored image into black and white pixels which can be achieved by fixing a threshold value.

8.3 Document Verification API Details

This topic provides the information about the Document Verification API Details.

Document Verification APIs are a function of image quality, image size, and Resolution. Each API has different requirements. The Framework is designed to extract details from documents like Passport, Driving License, National ID card, Salary slips etc.

This topic contains the following subtopics:

- Passport Extraction This topic provides the information about the Passport Extraction.
- Driving License Extraction This topic provides the information about the payload details for Driving License Details extraction service.
- National Identification Extraction This topic provides elaborates the payload details for National ID Card Details extraction service.
- Voter Identity Card Extraction

This topic provides the information about the payload details for voter identity card extraction service.

8.3.1 Passport Extraction

This topic provides the information about the Passport Extraction.

Passport Extraction module extracts details in the passport like Country, Document Type, Name, First Name, Last Name, Gender, Date of Birth, Date of Issue and Date of expiry of the passport, Passport No and Issuing Authority if present in the passport along with Image metadata information like Image DPI, Resolution and Image Size. This module provides support for passports of various countries listed below:

- USA passport and passport-card
- UAE
- INDIA
- CANADA
- AUSTRALIA
- BANGLADESH



All the details in the passport/ passport-card (Incase of USA) are extracted using "/ extractInformation" API.

Brief of Working:

It takes "country", "document type" and "Base64 encoded image" of the passport as input. It internally generates processed text from the passport and extracts details like Name, First Name, Last Name, Gender, DOB, DOI and DOE, PP No. and Issuing Authority if present in the document. Along with the document details, it also gives image metadata information like Image DPI, Resolution and Size, etc. The output is represented in JSON format.

Table 8-1 Passport Extraction API Format

SI.No	Description	Comments
1	Format of input images it supports	jpg, jpeg, png, pdf
2	Output Format	JSON
3	Support multiple input files	Yes

Input Request:

{

}

"/extractInformation" API -

For a single image: Base64 encoded image, Country, Document Type ("passport" in this case).

For multiple images: Array of the Base64 encoded images, Country, Document Type ("passport" in this case).

Sample Input Request:

```
"country": "UAE",
"docType": "passport",
"docBase64s": [
"-----base64 encoded image string-----"
]
```

Note:

In case of USA, there are 2 types of document: passport and passport-card. If the input document is of type passport-card, the docType should be mentioned as passport-card.

Output Response:

The output of "/extractInformation" API is the extracted details in the JSON format given below:

```
{
    "documentDetails": [
    {
        "ImageInfo": {
            "file_size": "647.22 KB",
```



```
"image dpi": "150",
       "image resolution": "704x541",
       "information": "Minimum 300 DPI is required. File size is proper."
    },
 "dateOfBirth": "7/11/2001",
 "dateOfExpiry": "11/6/2022",
"dateOfIssue": "12/6/2017",
"docType": "Passport",
 "firstName": "SHAMA",
 "gender": "F",
"identificationNumber": "F0Z615883",
 "issuedCountry": "UNITED ARAB EMIRATES",
"issuingAuthority": "",
"lastName": "RASHED ABDULIALIL MOHAMED ALFAHIM",
"name": "SHAMA RASHED ABDULIALIL MOHAMED ALFAHIM"
 }
1
```

Note:

}

Even if Country and DocType not provided in the input request, the service tries to extract the Country Name and Document Type automatically. In case, if it is not able to extract it returns an exception/ error. This means either the quality of the document is not enough to extract all the details or resolution is poor.

Things to be taken care of:

- Make sure the base64 encoded image string of the input image is correct.
- Document Type provided in the input should be "passport" only
- Specify the country name correctly for accurate extraction of details

8.3.2 Driving License Extraction

This topic provides the information about the payload details for Driving License Details extraction service.

Driving License Details Extraction module extracts information present in the Driving License such as Name, First Name, Last Name, Gender, Address, License No, Date of Birth, Date of Issue and Date of expiry of the license along with the image metadata information like Image DPI, Resolution and Size. Currently, we provide support for licenses of various countries listed below:

- UNITED STATES OF AMERICA
- UNITED KINGDOM
- CANADA
- AUSTRALIA
- BANGLADESH

All the details in the license are extracted using "/extractInformation" API.

Brief of Working:



The API accepts the "country", "document type" and "Base64 encoded image" of the license as input. It internally generates processed text from the license document and extracts details like Name, First Name, Last Name, Gender, DOB, DOI and DOE, License No. and Address, etc. Along with the document details, it also gives image metadata information like Image DPI, Resolution and Size. The output is represented in JSON format.

Input Request:

"/extractInformation" API -

- For a single image: Base64 encoded image, Country, Document Type ("License" in this case).
- For multiple images: Array of the Base64 encoded images, Country, Document Type ("License" in this case).

Sample Input Request:

```
{
  "country": "US",
  "docType": "license",
  "docBase64s": [
    "-----base64 encoded image-----"
]
}
```

Output Response:

The output for "/extractInformation" API is the extracted details in the JSON format given below:

```
{
 "documentDetails":
   [
    {
     "ImageInfo": {
     "file size": "579.26 KB",
      "image dpi": "",
      "image resolution": "736x419",
      "information": "dpi info not available. Average Image Resolution. File
size is proper."
      },
    "address": "918 N ROXBURY BEVERLY HILS CA 90210",
    "dateOfBirth": "6/8/1911",
    "dateOfExpiry": "6/8/2012",
    "dateOfIssue": "2/7/2010",
    "docType": "license",
    "firstName": "LUCILLE",
    "gender": "F",
    "identificationNumber": "B2201793",
    "issuedCountry": "UNITED STATES OF AMERICA",
    "issuingAuthority": "CALIFORNIA",
    "lastName": "BALL",
    "name": "LUCILLE BALL"
```



Note:

}] }

Even if Country and DocType not provided in the input request, the service tries to extract the Country Name and Document Type automatically. In case, if it is not able to extract it returns an exception/ error. This means either the quality of the document is not enough to extract all the details or resolution is poor.

Things to be taken care of:

- Make sure the base64 encoded image string of the input image is correct.
- · Document Type provided in the input should be "license" only
- Specify the country name correctly for accurate extraction of details

8.3.3 National Identification Extraction

This topic provides elaborates the payload details for National ID Card Details extraction service.

National ID card Details Extraction module extracts details in the National Identity Card like Name, First Name, Last Name, Gender, Address (if present), Date of Birth, Date of Issue and Date of expiry of the NID, ID No, etc along with the image metadata information like Image DPI, Resolution and Size. This module provides support for NIDs of various countries listed below:

- USA
- South Africa
- Brazil
- Bangladesh
- India
- Kenya
- Portugal

All the details in the ID are extracted using "/extractInformation" API.

Brief of Working:

It takes "country", "document type" and "Base64 encoded image" of the NID as input. It internally generates processed text from the Identity document and extracts details like Name, First Name, Last Name, Gender, Address, DOB, DOI, DOE, and ID No. Along with the document details, it also gives image metadata information like Image DPI, Resolution and Size. The output is represented in JSON format.

Input Request:

"/extractInformation" API -

• For a single image: Base64 encoded image, Country, Document Type ("nid" in this case).



 For multiple images: Array of the Base64 encoded images, Country, Document Type ("nid" in this case).

Sample Input Request:

```
{
  "country": "BR",
  "docType": "nid",
  "docBase64s": [
    "-----base64 encoded image-----"
]
}
```

Output Response:

The output for "/extractInformation" API is the extracted details in the JSON format given below:

Sample Output Response:

```
{
  "documentDetails": [
     {
       "ImageInfo": {
         "file size": "566.32 KB",
         "image_dpi": "72",
         "image resolution": "680x453",
         "information": "Minimum 300 DPI is required. Poor Image Resolution.
File size is proper."
        },
      "dateOfBirth": "12/7/1960",
      "dateOfExpiry": "20/8/2030",
      "dateOfIssue": "",
      "docType": "NID",
      "firstName": "FERNANDA",
      "gender": "F",
      "identificationNumber": "00000005-9",
      "issuedCountry": "BRAZIL",
      "issuingAuthority": "",
      "lastName": "DE CARVALHO DA SILVA",
      "name": "FERNANDA DE CARVALHO DA SILVA"
     1
   ]
}
```

Note:

Even if Country and DocType not provided in the input request, the service tries to extract the Country Name and Document Type automatically. In case, if it is not able to extract it returns an exception/ error. This means either the quality of the document is not enough to extract all the details or resolution is poor.



Things to be taken care of:

- Make sure the base64 encoded image string of the input image is correct.
- Document Type provided in the input should be "nid" only
- Specify the country name correctly for accurate extraction of details

8.3.4 Voter Identity Card Extraction

This topic provides the information about the payload details for voter identity card extraction service.

VoterID card Details Extraction module extracts details in the Voter ID Card like **Name**, **First Name**, **Last Name**, **Gender**, **Date of Birth** and, **ID No.** along with the image metadata information like **Image DPI**, **Resolution**, and **Size**. Currently, we provide support for Voter IDs of various countries listed below:

INDIA

All the details in the license are extracted using "/extractInformation" API.

Brief of Working:

It takes "country", "document type" and "Base64 encoded image" of the Voter ID as input. It internally generates processed text from the Identity document and extracts details like Name, First Name, Last Name, Gender, DOB, and ID No. Along with the document details, it also gives image metadata information like Image DPI, Resolution and Size. The output is represented in JSON format.

Input Request:

"/extractInformation" API -

- For a single image: Base64 encoded image, Country, Document Type ("voterid" in this case).
- For multiple images: Array of the Base64 encoded images, Country, Document Type ("voterid" in this case).

Sample Input Request:

```
{
   "country": "IND",
   "docType": "voterid", "docBase64s": [
     "-----base64 encoded image "
]
}
```

Output Response:

The output for "/extractInformation" API is the extracted details in the JSON format given below:



```
"ImageInfo": {
            "file size": "236.93 KB",
            "image dpi": "300",
            "image resolution": "317x500",
            "information": "Image DPI is proper. File size is proper."
        },
        "dateOfBirth": "15/2/1985",
        "dateOfExpiry": "",
        "dateOfIssue": "",
        "docType": "VOTERID",
        "firstName": "PREM",
        "gender": "M",
        "identificationNumber": "GDN0225185",
        "issuedCountry": "INDIA",
        "issuingAuthority": "",
        "lastName": "RAJ THAKUR",
        "name": "PREM RAJ THAKUR"
    }
]
```

Note:

}

Even if Country and DocType are not provided in the input request, the service tries to extract the Country Name and Document Type automatically. In case, if it is not able to extract it returns an exception/ error. This means either the quality of the document is not enough to extract all the details or resolution is poor.

Things to be taken care of:

- Make sure the base64 encoded image string of the input image is correct.
- Document Type provided in the input should be "voterid" only
- Specify the country name correctly for accurate extraction of details

8.4 Validate Information API details

This topic provides the information about the Validate Information API details.

Validate Information APIs are a function of image quality, image size, and Resolution. Each API has different requirements. The Framework is designed to extract details from documents like Passport, Driving License, National ID card, Salary slips etc. and to calculate similarity score of the extracted details with input key value pairs. It uses fuzzy matching logic for calculating similarity of input value & extracted value based on given keys. For Date of Birth, Date of Issue and Date of expiry keys similarity score is calculated by exact matching logic.

SI. No	Description	Comments
1	Format of input images it supports	jpg, jpeg, png, pdf
2	Output format	JSON
3	Support multiple users' input key value pairs	Yes

Table 8-2 Validate Information API Input format



SI. No	Description	Comments
4	Support multiple input files of different document types	Yes

Table 8-2 (Cont.) Validate Information API Input format

This topic contains the following subtopics:

Passport Validation

This topic provides the information about the payload details for Passport Details validation service.

Driving License Validation

This topic provides the information about the payload details for Driving License validation service.

- National Identification Validation
 This topic provides the information about the payload details for National Identification validation service.
- Voter Identity Card Validation This topic provides the information about the payload details for Voter Identity Card validation service.
- Pointers About Request and Response This topic provides the information about the Pointers about Request and Response.
- Things to be taken care of

8.4.1 Passport Validation

This topic provides the information about the payload details for Passport Details validation service.

Passport Validation module extracts details in the passport like Country, Document Type, Name, First Name, Last Name, Gender, Date of Birth, Date of Issue and Date of expiry of the passport, Passport No and Issuing Authority if present in the passport along with Image metadata information like Image DPI, Resolution and Image Size. Then it calculates similarity scores for each input key value pairs with the extracted details. This module provides support for passports of various countries listed below:

- USA passport and passport-card
- UAE
- INDIA
- CANADA
- AUSTRALIA
- BANGLADESH

All the details in the passport/ passport-card (in case of USA) are extracted and validated using "/validateInformation" API

Brief of Working:

It takes "country", "key value pairs to be searched", "input documents" (including "document type" and "Base64 encoded image") of the passport as input. It internally generates processed text from the passport and extracts details like Name, First Name, Last Name, Gender, DOB, DOI and DOE, PP No. and Issuing Authority if present in the document. Along with the



document details, it also gives image metadata information like Image DPI, Resolution and Size, etc. Then it calculates similarity scores for each input key value pairs with the extracted details. The output is represented in JSON format.

Input Request:

"/validateInformation" API -

 Country, Array of key value pairs to be searched, Array of the documents (including Base64 encoded image and Document Type ("passport" in this case) for each document).

Sample Input Request:

```
{
    "country": "UAE",
    "search": [
        ſ
              "key": "-----name of key-----"
             "value": "-----value of key-----"
            }
        ]
    ],
    "docs": [
        {
            "docType": "passport",
            "docBase64s": "-----base64 encoded image string-----"
        }
    ]
}
```

Note:

In case of USA, there are 2 types of documents: passport and passport-card. If the input document is of type passport-card, the docType should be mentioned as passport-card.

Output Response:

The output of "/validateInformation" API is the extracted details in the JSON format given below:



```
"key": "dateOfBirth",
                             "similarityScore": 100.0,
                             "value": "7 Nov 2001"
                         },
                         {
                             "extractedValue": "12/6/2017",
                             "key": "dateOfissue",
                             "similarityScore": 100.0,
                             "value": "12 06 2017"
                         },
                         {
                             "extractedValue": "11/6/2022",
                             "kev": "dateOfexpiry",
                             "similarityScore": 100.0,
                             "value": "11/06/2022"
                         },
                         {
                             "extractedValue": "SHAMA RASHED ABDULJALIL
MOHAMED ALFAHIM",
                             "key": "nAME",
                             "similarityScore": 56.41,
                             "value": "SHAMA RASHED ABDULIALIL"
                         },
                         {
                             "extractedValue": "UNITED ARAB EMIRATES",
                             "key": "issuedCountry",
                             "similarityScore": 100.0,
                             "value": "UNITED ARAB EMIRATES"
                         }
                     ]
                 ]
            }
        }
    ]
 }
```

8.4.2 Driving License Validation

This topic provides the information about the payload details for Driving License validation service.

Driving License Details Validation module extracts information present in the Driving License such as Name, First Name, Last Name, Gender, Address, License No, Date of Birth, Date of Issue and Date of expiry of the license along with the image metadata information like Image DPI, Resolution and Size. Then it calculates similarity scores for each input key value pairs with the extracted details. This module provides support for licenses of various countries listed below:

- UNITED STATES OF AMERICA
- UNITED KINGDOM
- CANADA
- AUSTRALIA
- BANGLADESH



All the details in the license are extracted and validated using "/validateInformation" API.

Brief of Working:

It takes "country", "key value pairs to be searched", "input documents" (including "document type" and "Base64 encoded image") of the passport as input. It internally generates processed text from the passport and extracts details like Name, First Name, Last Name, Gender, DOB, DOI and DOE, PP No. and Issuing Authority if present in the document. Along with the document details, it also gives image metadata information like Image DPI, Resolution and Size, etc. Then it calculates similarity scores for each input key value pairs with the extracted details. The output is represented in JSON format.

Input Request:

"/validateInformation" API -

 Country, Array of key value pairs to be searched, Array of the documents (including Base64 encoded image and Document Type ("license" in this case) for each document).

Sample Input Request:

```
{
    "country": "US",
    "search": [
        ſ
             "key": "-----name of key-----"
            "value": "-----value of key-----"
            }
        1
    ],
    "docs": [
        {
             "docType": "license",
             "docBase64s": "-----base64 encoded image string-----"
        }
    ]
}
```

Output Response:

The output of "/validateInformation" API is the extracted details in the JSON format given below:

```
"key": "firstnAME",
                         "similarityScore": 75.0,
                         "value": "jelani s"
                     },
                     {
                         "extractedValue": "123 MAIN ST PHOENIX, AZ 85007",
                         "key": "ADDress",
                         "similarityScore": 80.0,
                         "value": "787 Main st, phoenix, AZ 85007"
                     },
                     {
                         "extractedValue": "1/1/1974",
                         "key": "dateOfbirth",
                         "similarityScore": 100.0,
                         "value": "1/1/1974"
                     },
                     {
                         "extractedValue": "1/3/2016",
                         "key": "dateOfissue",
                         "similarityScore": 100.0,
                         "value": "03-01-16"
                     },
                     {
                         "extractedValue": "M",
                         "key": "gender",
                         "similarityScore": 100.0,
                         "value": "M"
                     },
                     {
                         "extractedValue": "1/3/2024",
                         "key": "dateOfexpiry",
                         "similarityScore": 0.0,
                         "value": "03/03/24"
                     }
                 ]
            ]
        }
    }
]
```

8.4.3 National Identification Validation

}

This topic provides the information about the payload details for National Identification validation service.

National ID card Details Validation module extracts details in the National Identity Card like Name, First Name, Last Name, Gender, Address (if present), Date of Birth, Date of Issue and Date of expiry of the NID, ID No, etc along with the image metadata information like Image DPI, Resolution and Size. Then it calculates similarity scores for each input key value pairs with the extracted details. This module provides support for NIDs of various countries listed below:

- USA
- SOUTH AFRICA



- BRAZIL
- BANGLADESH
- CANADA
- INDIA
- KENYA
- PORTUGAL

All the details in the license are extracted and validated using "/validateInformation" API.

Brief of Working:

It takes "country", "key value pairs to be searched", "input documents" (including "document type" and "Base64 encoded image") of the passport as input. It internally generates processed text from the passport and extracts details like Name, First Name, Last Name, Gender, DOB, DOI and DOE, PP No. and Issuing Authority if present in the document. Along with the document details, it also gives image metadata information like Image DPI, Resolution and Size, etc. Then it calculates similarity scores for each input key value pairs with the extracted details. The output is represented in JSON format.

Input Request:

"/validateInformation" API -

• Country, Array of key value pairs to be searched, Array of the documents (including Base64 encoded image and Document Type ("nid" in this case) for each document).

Sample Input Request:

```
{
    "country": "BR",
    "search": [
        ſ
            {
              "key": "-----name of key-----"
              "value": "-----value of key---
            }
        1
    ],
    "docs": [
        {
          "docType": "nid",
            "docBase64s": "-----base64 encoded image string-----"
        }
    ]
}
```

Output Response:

The output of "/validateInformation" API is the extracted details in the JSON format given below:

Sample Output Response:

{



```
"documentDetails": [
       {
           "country": "BR",
           "documents": {
                        {
                            "extractedValue": "FERNANDA DE CARVALHO DA SILVA",
                            "key": "name",
                            "similarityScore": 68.97,
                            "value": "FERNANDA DE CARVALHO"
                        },
                        {
                            "extractedValue": "000000005-9",
                            "key": "identificationNumber",
                            "similarityScore": 100.0,
                            "value": "00000005-9"
                        },
                        {
                            "extractedValue": "NA",
                            "key": "date",
                            "similarityScore": 0.0,
                            "value": "12/7/1960"
                        },
                        {
                            "extractedValue": "BRAZIL",
                            "key": "issuedCountry",
                            "similarityScore": 100.0,
                            "value": "BRAZIL"
                        }
                    ]
               ]
           }
       }
   ]
}
```

8.4.4 Voter Identity Card Validation

This topic provides the information about the payload details for Voter Identity Card validation service.

Voter ID card Details Validation module extracts details in the Voter ID Card like Name, First Name, Last Name, Gender, Date of Birth and, ID No along with the image metadata information like Image DPI, Resolution and Size. Then it calculates similarity scores for each input key value pairs with the extracted details. This module provides support for Voter IDs of various countries listed below:

INDIA

All the details in the license are extracted and validated using "/validateInformation" API.

Brief of Working:

It takes "country", "key value pairs to be searched", "input documents" (including "document type" and "Base64 encoded image") of the passport as input. It internally generates processed text from the passport and extracts details like Name, First Name, Last Name, Gender, DOB, DOI and DOE, PP No. and Issuing Authority if present in the document. Along with the document details, it also gives image metadata information like Image DPI, Resolution and



Size, etc. Then it calculates similarity scores for each input key value pairs with the extracted details. The output is represented in JSON format.

Input Request:

"/validateInformation" API -

• Country, Array of key value pairs to be searched, Array of the documents (including Base64 encoded image and Document Type ("voterid" in this case) for each document).

Sample Input Request:

```
{
    "country": "IND",
    "search": [
        ſ
             "key": "-----name of key-----"
            "value": "-----value of key-----"
            }
        ]
    ],
    "docs": [
        {
          "docType": "voterid",
            "docBase64s": "-----base64 encoded image string-----"
        }
    ]
}
```

Output Response:

The output of "/validateInformation" API is the extracted details in the JSON format given below:

```
{
    "documentDetails": [
        {
            "country": "IND",
            "documents": {
                 "document 1": [
                     ſ
                         {
                             "extractedValue": "PREM",
                             "key": "firstName",
                             "similarityScore": 100.0,
                             "value": "PREM"
                         },
                         {
                             "extractedValue": "PREM RAJ THAKUR",
                             "key": "name",
                             "similarityScore": 100.0,
                             "value": "Prem RAJ Thakur"
```

```
},
                         {
                              "extractedValue": "NA",
                              "key": "aDDress",
                              "similarityScore": 0.0,
                              "value": "Kanpur, India"
                         },
                         {
                              "extractedValue": "M",
                              "key": "GENDER",
                              "similarityScore": 0.0,
                              "value": "F"
                         },
                         {
                              "extractedValue": "GDN0225185",
                              "key": "identificationNumber",
                              "similarityScore": 90.0,
                              "value": "GAN0225185"
                         }
                     ]
                 ]
            }
        }
    ]
}
```

8.4.5 Pointers About Request and Response

This topic provides the information about the Pointers about Request and Response.

If "Country" is provided as empty string in the input request, the service return a message "Country is not provided in the input". If key "Country" is not provided/ is missing in the request, the service returns an exception/ error.

If input documents "Docs" are provided as empty list, the service return a message "Input documents are not provided". If key "Docs" is not provided/ is missing in the request, the service returns an exception/ error.

If either "DocType" is provided as empty string or key "DocType" not provided in the input request, the service returns an exception/ error.

If either the quality of the document is not enough to extract all the details or resolution is poor, the service returns an exception/ error.

If input key value pairs list "Search" is provided as empty list, the service returns empty result along with input country. If key "Search" is not provided/ is missing in the request, the service returns an exception/ error.

8.4.6 Things to be taken care of

- Make sure the base64 encoded image string of the input image is correct.
- Make sure the document type of the input image is correct.
- Specify the country name correctly for accurate extraction of details



8.5 Recommendations For Better Performance

This topic provides the information about the better quality of the source image, the higher the accuracy of extraction will be.

Keeping DPI lower than 200 will give unclear and incomprehensible results while keeping the DPI above 600 will unnecessarily increase the size of the output file without improving the quality of the file. Thus, a DPI of 300 works best for this purpose.

Following parameters determines the image quality:

- Min text-size 10 pts (below 8pts are removed by noise).
- Min resolution (dpi) of 300 works best for Text Extraction.
- Sharp and visible characters.
- Min image size of 200 kb.
- Less image noise e.g., the image with shadows.
- Image with background noise e.g., image containing background with text data in foreground.

A Error Codes and Messages

Error Codes	Messages
CC-01015	Default BIC Is Checked For More Than One BIC.
CC-01016	Swift Address is Mandatory.
CC-01017	Default BIC Is Not Checked For any BIC.
CC-01018	Same Swift Address is present more than once.
CC-01019	Mismatch in bank code.
CC-ACC-002	Currency should be null for Multi-Currency Account.
CC-ACC-102	Record already exist for Source Branch and Source Account No combination
CC-ACC-169	Reopen not allowed for a closed Customer No
CC-BIC-010	Bic code is being used in branch maintenance. Close not allowed.
CC-BIC02	The BIC code does not conform to SWIFT standards.
CC-BIC05	Record already maintained for the customer no.
CC-BNK-001	Branch code is in Open status. Close not allowed.
CC-BNK-002	Reopen not allowed for a closed Branch Code.
CC-BNK-003	Only one Bank Code is allowed.
CC-BRN-101	Active account / accounts exist for the branch code. Close not allowed.
CC-BRN-102	This is HO branch. Close not allowed.
CC-BRN-103	Record for Source Branch Code already exists.
CC-C00100	Relationship cannot be No for a Customer Linked BIC Code.
CC-CUS-167	Record already exist for customer no and source_system_cust_no combination.
CC-CUS-169	Active account/accounts exist for the customer no.
CC-CUS-17	Kindly Enter a Valid Walkin Customer.
CC-EC-002	Record already exist for Account IBAN.
CC-ECA-001	Active \$1 exist for the Source System.
CC-HST-001	Active \$1 exist for the Host Code.
CC-MOD-001	\$1 cannot be modified.
CC-MOD-INV	\$1 is invalid.
CC-NUL-001	\$1 cannot be null.
CC-TXN-001	\$1 is closed. Reopen not allowed.
CMC-ACC-FOR01	Cannot reopen forgotten account.
CMC-ACC-PII01	User does not have access to PII data and cannot perform create or modify operations.
CMC-ACC- SUBAC01	No SubAccounts available for Multi-Currency Account.
CMC-ACC- SUBAC02	Exactly one account should be primary account.
CMC-ACC- SUBAC03	Sub Accounts should have unique currency code.
CMC-BRN-018	Exception occurred in ICFlipDate.

Table A-1 Error Codes and Messages



Error Codes	Messages
CMC-BRN-019	Unable to get branch date.
CMC-BRN-020	Branch code is null.
CMC-BRN-100	Branch Status retrieved Successfully.
CMC-BRN-101	Branch does not exist.
CMC-BRN-CD01	Date changed successfully.
CMC-BRN-CD02	Failed to change date, holiday list not maintained properly.
CMC-BRN-EOD01	Branch Status not in TI, cannot initiate EOD.
CMC-BRN-EOD02	EOD invoked for the branch.
CMC-BRN-EOD03	Invalid Branch Code.
CMC-BRN-EOD04	EOD Requested on Date is not Branch Today.
CMC-BRN-EOD05	EOD cannot be invoked on a holiday.
CMC-BRN-EOD06	Date changed successfully.
CMC-BRN-EOD07	EOD not invoked, cannot initiate change date.
CMC-BRN-EOD08	EOFI job not completed, cannot initiate change date.
CMC-BRN-EOD09	EOD not invoked, cannot initiate mark TI.
CMC-BRN-EOD10	Date Change job not completed, cannot initiate TI for next day.
CMC-BRN-EOD11	Mark TI successful.
CMC-BRN-EOD12	Branch status not in TI, cannot initiate Mark EOFI.
CMC-BRN-EOD13	Branch status not in EOFI, cannot change Date.
CMC-BRN-EOD14	Branch status for next working date update to EOD.
CMC-BRN-EOD15	Branch status not in EOD, cannot mark TI.
CMC-BRN-EOD16	Branch status for next working date update to TI.
CMC-BRN-EOD17	Branch Status Changed to EOFI.
CMC-BRN-EOD18	Invoke Mark TI failed.
CMC-BRN-EOD19	Date change completed cannot retrigger.
CMC-BRN-EOD20	Mark TI completed cannot retrigger.
CMC-BRN-EOD21	Date changed failed.
CMC-BRN-EOD30	Invalid requested date, failed to parse.
CMC-BRN-EOD31	Mark EOFI retry initiated.
CMC-BRN-EOD32	Cannot retry Mark EOFI which has not failed.
CMC-BRN-EOD33	Date Changed successfully. \$1
CMC-BRN-EOD34	BOD Batches completed successfully.
CMC-BRN-EOD35	BOD Batches retriggered successfully. \$1.
CMC-BRN-EOD36	\$1. Hence EOFI Failed.
CMC-BRN-EOD37	Failed in getting current date.
CMC-CCY-001	Duplicate records exists in Amount word currency Mapping.
CMC-CCY-002	Duplicate records exists in Amount Text Mapping.
CMC-CCY-003	Cannot change Currency Decimal for once authorized currencies.
CMC-CCY-004	Cannot Change round unit if the round rule is Truncate (T).
CMC-CCY-005	Mandatory field Interest Method is not entered.
CMC-CCY-006	Mandatory field Spot Days is not entered.
CMC-CCY-007	Mandatory field Settlement Days is not entered.
CMC-CCY-008	Mandatory field Country is not entered.

 Table A-1
 (Cont.) Error Codes and Messages



Error Codes	Messages
CMC-CCY-009	Mandatory field Rule is not entered.
CMC-CCY-010	Value should be in range of 0 and 999 for Settlement Days.
CMC-CCY-011	Mandatory field Unit is not entered.
CMC-CCY-012	Decimals/ Rounding Unit Mismatch.
CMC-CCY-013	Numerator of Interest Method is not Actual.
CMC-CCY-014	Duplicate Alternate Currency Code.
CMC-CCY-015	Duplicate ISO Numeric Currency Code.
CMC-CCY-016	Duplicate Euro currency.
CMC-CCY-017	Euro Conversion required cannot be changed for the currency types out, Euro and Euro closed.
CMC-CCY-018	Spot days is less than fx netting days.
CMC-CCY-019	Currency Cut Off days cannot be greater than spot days for currency.
CMC-CCY-020	Spot Days for currency cannot be lesser than cut off days for currency.
CMC-CCY-021	Value should be in range of 1 and 99 for Cut Off Days.
CMC-CCY-022	Value should be in range of 1 and 23 for Cut Off Hour.
CMC-CCY-023	Value should be in range of 1 and 59 for Cut Off Min.
CMC-CCY-024	Value cannot be less than .00000 for Currency Total limit.
CMC-CCY-025	Value should be in range of 0 and 3 for Currency Decimal.
CMC-CCY-026	Country Code is Mandatory.
CMC-CCY-027	Duplicate records exists in Currency Country Mapping.
CMC-CCY-028	Mandatory field Country is not entered in Currency Country Mapping.
CMC-CCY-029	Currency Code is NULL.
CMC-CCY-030	Date is NULL.
CMC-CCY-031	Date is Invalid (should be in yyyy-mm-dd format).
CMC-CCY-032	No record found.
CMC-CCY-033	Next/Previous indicator is NULL (should be either N or P).
CMC-CCY-034	Next/Previous indicator is Invalid (should be either N or P).
CMC-CCY-035	Lower Limit Date is Invalid (should be in yyyy-mm-dd format).
CMC-CCY-036	Upper Limit Date is Invalid (should be in yyyy-mm-dd format).
CMC-CCY-037	Offset is NULL.
CMC-CCY-038	Offset is Invalid (should be > 0).
CMC-CCY-039	Input date should be between Upper limit date and Lower limit date.
CMC-CCY-040	Duplicate records exists in CurrencyHolidays.
CMC-CCY-041	Mandatory Through Currency Code is not entered
CMC-CCY-042	Cannot change spread definition option for through currency pair.
CMC-CCY-043	Through currency should be blank if the through currency is unchecked.
CMC-CCY-044	Through currency has to be of type Euro.
CMC-CCY-045	Through Currency is not allowed for Euro In Currency Pair.
CMC-CCY-046	Points multiplier should be in the range 0 - 1.
CMC-CCY-047	MidRate is invalid.
CMC-CCY-048	BuySpread is invalid.
CMC-CCY-049	SaleSpread is invalid.
CMC-CCY-050	Atleast one Currency Rate Should be Maintained.



Error Codes	Messages
CMC-CCY-051	Duplicate records exists in Rate.
CMC-CCY-052	Currency Code is NULL.
CMC-CCY-053	Currency Code is Empty.
CMC-CCY-054	Amount is NULL.
CMC-CCY-055	Option is NULL.
CMC-CCY-056	Option is Empty.
CMC-CCY-057	Method is NULL.
CMC-CCY-058	Method is Empty.
CMC-CCY-059	Decimal is NULL.
CMC-CCY-060	Units is NULL.
CMC-CCY-061	Maintenance Country is NULL.
CMC-CCY-062	Maintenance Country is Empty.
CMC-CCY-063	Currency1/Currency2/branch Code is NULL.
CMC-CCY-065	Error in conversion.
CMC-CCY-066	Rate is not handled for currency1 and currency2.
CMC-CCY-067	Rate is not handled for currency2 and currency1.
CMC-CCY-068	Error in Amount rounding.
CMC-CCY-069	Currency definition is not maintained for given currency and maintenance country.
CMC-CCY-070	Error in getting branch currency and country.
CMC-CCY-071	Error in getting currency pair for currency1 and currency2.
CMC-CCY-072	Error in getting Premium points for currency1 and currency2.
CMC-CCY-073	Error in getting rate with through currency.
CMC-CCY-074	Error in getting Rate.
CMC-CCY-075	Rate History is not handled for currency1 and currency2.
CMC-CCY-076	Rate History is not handled for currency2 and currency1.
CMC-CCY-077	Currency Pair is not maintained.
CMC-CCY-078	Error in purging.
CMC-CCY-079	Data inadequate in currency Pair Definition.
CMC-CCY-080	Currency Pair already exists for the given Maintenance Country.
CMC-CCY-081	MidRate is mandatory.
CMC-CCY-082	Either buySpread / buyRate are mandatory.
CMC-CCY-083	Either saleSpread / saleRate are mandatory.
CMC-CUS-FOR01	Record successfully deleted.
CMC-CUS-PII01	User does not have access to PII data, cannot perform create or modify operations.
CMC-EOD-001	Invoked EOD successfully.
CMC-EOD-002	Failed while resolving current date.
CMC-EOD-003	EOD flow is not maintained for \$1 branch.
CMC-EOD-004	EOD already invoked for today.
CMC-EOD-005	Unable to invoke EOD.
CMC-EOD-006	Retried EOD successfully.
CMC-EOD-007	Failed to retry EOD.
CMC-EOD-008	Pending maintenances exist. Failed to start EOD.



Error Codoo	Magazarian
Error Codes	Messages
CMC-EOD-009	Failed during pending maintenance check.
CMC-EOD-010	Pending transactions exist. Failed to start EOD.
CMC-EOD-011	Failed during pending transaction check.
CMC-EOD-012	Marked cutoff for the branch successfully.
CMC-EOD-013	Branch not in Transaction Input. Cannot mark cutoff.
CMC-EOD-014	Branch not in EOD stage. Cannot release cutoff.
CMC-EOD-015	Released cutoff for the branch successfully.
CMC-EOD-016	Branch cutoff not released. Cannot mark Transaction Input.
CMC-EOD-017	Branch cutoff not marked. Cannot mark End of Transaction Input.
CMC-FORC-001	Request is null, not valid.
CMC-FORC-002	Forget customers request created successfully.
CMC-FORC-003	Failed to create forget entities request.
CMC-FORC-004	Invalid ID sent, ID null.
CMC-FORC-005	Already authorized.
CMC-FORC-006	Authorized successfully.
CMC-FORC-007	Record not found, invalid ID.
CMC-FORC-008	Cannot delete authorized record.
CMC-FORC-009	Record successfully deleted.
CMC-FORC-010	Invalid Customer \$1 added, customer should be valid and in closed and authorized state without pending maintenance.
CMC-FORC-011	Invalid request. Duplicate requests for customer number \$1.
CMC-INDBML-000	Failed with error - \$1.
CMC-INDBML-001	Usecase already exists with a same name.
CMC-INDBML-002	Target Column cannot be null.
CMC-INDBML-003	Unique Case Identifier Column cannot be null.
CMC-INDBML-004	Invalid Partition column value.
CMC-INDBML-005	Duplicate Column Values.
CMC-INDBML-006	Partition Columns cannot be same as either of target, use case identifier or prediction column.
CMC-INDBML-007	\$1 and \$2 are not similar
CMC-INDBML-008	Invalid Table Name
CMC-INDBML-009	Unable to save model monitoring details
CMC-LOV-001	Invalid Source Code.
CMC-IB-001	Branch Code 1 and Branch Code 2 cannot be same
CMC-IB-002	\$1 is a invalid GL Code
CMC-IB-003	\$1 is a invalid Branch Code
CMC-IB-004	Accounting Reference numbers cannot be empty for retry
CMC-IB-005	Accounting Reference number, Transaction Branch or Accounting Branch cannot
	be empty for retry all
CMC-IB-006	Currency is not vaid
CMC-LOV-002	Invalid Currency.
CMC-LOV-003	Cannot Close the record for which rates are maintained.
CMC-LOV-004	Invalid Language Code.
CMC-LOV-005	Invalid Country.

 Table A-1 (Cont.) Error Codes and Messages



Error Codos	Mossage
End Colles	
	Invalid Limit Currency.
CMC-LOV-008	Invalid Year.
CMC-LOV-009	Invalid Month.
CMC-LOV-010	Amount Limit Exceeds.
CMC-LOV-011	Invalid Version.
CMC-LOV-012	Rate Type \$1 is invalid.
CMC-NLP-000	System is unable to process the request.
CMC-NLP-001	Training File created successfully.
CMC-NLP-002	Training File creation failed.
CMC-NLP-003	Service definition not found for \$1 for use case \$2.
CMC-NLP-004	Unsupported file type uploaded. Please upload supported file type.
CMC-NLP-005	You do not have sufficient number of training files for use case \$1 to train the model.
CMC-NLP-006	Invalid training files are present in the training corpus.
CMC-NLP-007	Error in processing step \$1.
CMC-NLP-008	Successfully completed the processing of process \$1.
CMC-NLP-010	Run Reference is already mapped with Usecase
CMC-NLP-011	Usecase is not present. Cannot import model
CMC-NLP-012	Model Import code is not valid. Please check again.
CMC-OBRH-001	Record already exists.
CMC-OBRH-002	Record saved successfully.
CMC-OBRH-003	Record does not exist.
CMC-OBRH-004	Invalid Payload.
CMC-OBRH-005	Record deleted successfully.
CMC-OBRH-006	Record modified successfully.
CMC-OBRH-007	Data fetched successfully.
CMC-OBRH-008	Data exported successfully.
CMC-OBRH-009	Failed to get data.
CMC-OBRH-010	Cannot start disabled route.
CMC-OBRH-011	Data imported successfully
CMC-OBRH-012	Failed to import
CMC-OBRH-013	Failed to harse [\$1]
CMC-OBRH-014	Data avtracted successfully
	Pouto state cannot be changed to Start as Consumer Service / Provider is
	inactive.
CMC-OBRH-016	Modified/Deleted attribute is already in use by route.
CMC-OBRH-017	Something went wrong!
CMC-OBRH-018	Imported WSDL successfully.
CMC-OBRH-019	Imported Swagger successfully.
CMC-OBRH-020	Failed to import [\$1].
CMC-OBRH-021	Failed to export [\$1].
CMC-OBRH-022	Request failed [\$1].

 Table A-1
 (Cont.) Error Codes and Messages



Error Codes	Messages
CMC-OBRH-023	Request is being processed
CMC-ORCH-001	Failed to initiate.
CMC-ORCH-002	Transaction is successfully initiated.
CMC-ORCH-003	Invalid action, failed to initiate.
CMC-ORCH-004	\$1 is not submitted, transaction remains the same.
CMC-ORCH-005	Cannot proceed with submit as the action is not initiated.
CMC-ORCH-006	Cannot proceed with submit as the information is incomplete.
CMC-ORCH-007	Failed to submit.
CMC-ORCH-008	Record successfully submitted.
CMC-ORCH-009	\$1 is in-progress, failed to initiate.
CMC-ORCH-010	Aw, snap! An unexpected exception occurred, try again.
CMC-ORCH-011	Invalid request.
CMC-ORCH-012	Cannot proceed with submit as the action is not initiated.
CMC-ORCH-013	Cannot find the provided information.
CMC-ORCH-014	Record is not yet submitted by \$1, cannot initiate the action.
CMC-ORCH-015	Record already unlocked by \$1.
CMC-ORCH-016	One record can be authorized at a time. Please close the screen and try again.
CMC-ORCH-017	Current operation terminated.
CMC-ORCH-018	Current operation could not be terminated.
CMC-OV-001	Override Codes must not be empty.
CMC-OV-002	Business Overrides Saved Successfully.
CMC-OV-003	Business Overrides Updated Successfully.
CMC-OV-004	Business Overrides Authorized Successfully.
CMC-OV-005	Business Overrides Approval Pending.
CMC-OV-006	Maker Cannot Authorize.
CMC-OV-007	Multiple Authorizations not allowed for checker.
CMC-OV-008	No Records found for approval.
CMC-OV-009	Maker should approve the records.
CMC-OV-010	Reference number is not valid.
CMC-OV-011	Exception Occurred while converting string to number.
CMC-OV-012	Server Error Occurred during API call.
CMC-OV-013	Client Error Occurred during API call.
CMC-OV-014	Illegal State Exception Occurred.
CMC-OV-015	JTA Transaction unexpectedly rolled back.
CMC-OV-016	Exception Occurred while creating Bean.
CMC-OV-017	Unexpected Exception Occurred.
CMC-OV-018	Exception Occurred while Executing Query.
CMC-STR-001	mandatory fields are missing.
CMC-STR-002	invalid real account number.
CMC-STR-003	Real Account No cannot be modified.
CMC-STR-004	Structured Address is already created for this Real Account.
CMC-STR-005	Structured Address is already created for this External Virtual Account.
CMC-STR-006	invalid virtual account number.

Table A-1	(Cont.) Error Codes and Messages



Error Codes	Messages
CMC-STR-007	Virtual Account No cannot be modified.
CMC-VAM-001	Rolled Back Due to Exception.
ERR_DEF_CODE	System is unable to process the request.
GCS-AUTH-01	Record Successfully Authorized.
GCS-AUTH-02	Valid modifications for approval were not sent. Failed to match.
GCS-AUTH-03	Maker cannot authorize.
GCS-AUTH-04	No Valid unauthorized modifications found for approval.
GCS-CLOS-002	Record Successfully Closed.
GCS-CLOS-01	Record Already Closed.
GCS-CLOS-02	Record Successfully Closed.
GCS-CLOS-03	Unauthorized record cannot be closed, it can be deleted before first authorization.
GCS-COM-001	Record does not exist.
GCS-COM-002	Invalid version sent, operation can be performed only on latest version.
GCS-COM-003	Please Send Proper ModNo.
GCS-COM-004	Please send maker ID in the request.
GCS-COM-005	Request is Null. Please Resend with Proper SELECT.
GCS-COM-006	Unable to parse JSON.
GCS-COM-007	Request Successfully Processed.
GCS-COM-008	Modifications should be consecutive.
GCS-COM-009	Resource ID cannot be blank or null.
GCS-COM-010	Successfully cancelled \$1.
GCS-COM-011	\$1 failed to update.
GCS-DEL-001	Record deleted successfully.
GCS-DEL-002	Record(s) deleted successfully.
GCS-DEL-003	Modifications did not match valid unauthorized modifications that can be deleted for this record.
GCS-DEL-004	Send all unauthorized modifications to be deleted for record that is not authorized even once.
GCS-DEL-005	Only Maker of first version of record can delete modifications of record that is not once authorized.
GCS-DEL-006	No valid unauthorized modifications found for deleting.
GCS-DEL-007	Failed to delete. Only maker of the modification(s) can delete.
GCS-MOD-001	Closed Record cannot be modified.
GCS-MOD-002	Record Successfully Modified.
GCS-MOD-003	Record marked for close, cannot modify.
GCS-MOD-004	Only maker of the record can modify before once auth.
GCS-MOD-005	Not amendable field, cannot modify.
GCS-MOD-006	Natural Key cannot be modified.
GCS-MOD-007	Only the maker can modify the pending records.
GCS-REOP-003	Successfully Reopened.
GCS-REOP-01	Unauthorized Record cannot be Reopened.
GCS-REOP-02	Failed to Reopen the Record, cannot reopen Open records.
GCS-REOP-03	Successfully Reopened.
GCS-REOP-04	Unauthorized record cannot be reopened, record should be closed and authorized.

 Table A-1
 (Cont.) Error Codes and Messages



Error Codes	zancszaM
	Peserd already eviete
GC3-SAV-001	Record Shind Successfully
GCS-SAV-002	The record is served and validated successfully.
GCS-SAV-003	The record is saved and validated successfully.
GCS-VAL-001	The record is successfully validated.
ML-15-001	Invalid Data Source.
ML-1S-002	Invalid datatype for case ID.
ML-1S-003	Timeseries Model Training Failed.
ML-1S-004	Use Case Name cannot have dash.
ML-RG-001	Regression Model Build Failed.
ML-RG-002	Regression Model Statistics Calculation Failed.
ML-RG-003	Cross Validation Failed.
ML-RG-004	Model Selection Failed.
ML-RG-005	Model Successfully Trained.
ML-RG-006	Invalid Use Case Selected.
ML-RG-007	No Trained Model found.
ML-RG-008	Batch Scoring Failed.
ML-RG-009	Successfully completed Batch scoring.
ML-CLS-001	Mandatory IN Parameters are NULL.
ML-CLS-002	Stratified Sampling Failed.
ML-CLS-003	Stratified dataset Split Failed.
ML-CLS-004	Correlation Check Failed.
ML-CLS-005	Model Metrics Computation Failed.
ML-CLS-006	Only Binary Target Class Supported for Generalized Linear Model.
ML-CLS-007	Failed to Select Final Algorithm.
ML-CLS-008	Dynamic Execute Statement Failed.
ML-CLS-009	Classification Model Build Failed.
ML-CLS-010	Classification Model Successfully Built.
ML-CLS-011	No Trained Classification Model Found.
ML-CLS-012	Failed to Predict.
ML-CLS-013	Classification Batch Scoring Failed.
ML-CLS-014	Successfully completed Batch scoring. Result are available at \$1.
ML-CORR-001	Correlation completed successfully.
ML-CORR-002	Correlation Failed.
ML-CORR-003	Correlation analysis not completed fully.
ML-UTIL-001	Invalid Table Name.
ML-UTIL-002	Invalid column Name(s).
ML-UTIL-003	Failed in Random Sampling.
ML-UTIL-004	Too less data for model building.
ML-UTIL-005	Failed in Splitting Data.
ML-UTIL-006	Failed in Selecting Feature.
ML-UTIL-007	Failed to Drop Model(s).
ST-CUS-167	Record already exist for customer no and source_system_cust_no combination.
ST-SAVE-027	Request Successfully Processed.



Error Codes	Messages	
CBS- CRITERIA-001	Criteria Code cannot be blank.	
CBS- CRITERIA-002	Criteria Description cannot be blank.	
CBS- CRITERIA-003	Select valid Product Processor.	
CBS- CRITERIA-004	Atleast one Rule should be selected in Criteria Definition.	
CBS- CRITERIA-005	Rule Description cannot be blank.	
CBS- CRITERIA-006	Select a Rule ID from the list.	
CBS- CRITERIA-007	Enter a valid number for Priority.	
CBS- CRITERIA-008	Enter a valid number for Priority.	
CBS- CRITERIA-009	Duplicate entries found for Rule ID.	
CBS- CRITERIA-010	Duplicate entries found for Priority.	
CBS- CRITERIA-011	Enter valid Parent Rule ID for.	
CBS- CRITERIA-012	Duplicate entries found for Rule ID.	
CBS- CRITERIA-013	Cannot add child Rule when Call All Bureau is enabled.	
CBS- CRITERIA-014	Duplicate entries found for Priority.	
CBS_ERR_004	Parameter description cannot be modified.	
CBS_LKUP_01	Duplicate entries found for Lookup Code.	
CBS_500	Error occurred at Bureau Call.	
	Response structure from Bureau is different.	
CBS_SYSPAR_00 1	System parameter not maintained for the bureau for history call.	
CBS_400	Facts not found for Bureau identification Rule.	
	Empty response from criteria for given PPcode.	
	Empty response from Oracle Banking Routing Hub from bureau call.	
	Bureau identification Rule not found for given facts.	
CBS-CRTR-015	Criteria Code has exceeded the max length specified	
CBS-CRTR-016	Description has exceeded the max length specified	
CBS-CRTR-017	Rule Id has exceeded the max length specified	
CBS-CRTR-018	Rule Description has exceeded the max length specified	
CBS_BR_DTLS_N OT_FOUND	Bureau Details are not provided	
CBS_BR_DTLS_N OT_MNT	Bureau Details are not maintained for +{reqBureauProductType} (variable, value will be replaced at runtime from payload)	
CDS-DML-006	Invalid range definition. Either range or value is allowed	

Table A-1	(Cont.) Error Codes and Messages	;



Error Codes	Messages
CDS-DML-007	Duplicate \$1 values are not allowed
CDS-DML-010	From value should not be greater than To value
CDS-RUL-001	Error occurred while evaluating the rule
CDS-RUL-003	Effective date should be less than Expiry Date
CDS-RUL-006	Effective date should be less than the Expiry Date
CDS-DML-003	Effective date should be less than Expiry Date
CDS-PRC-006	Effective date should be less than the Expiry Date
CDS-DML-002	Maintain at least one record in \$1
CDS-DML-014	Effective date cannot be less than the Product Processor Effective date.
CDS-PRC-014	Effective date cannot be less than the Product Processor Effective Date.
CDS-DML-017	if dmlAppEnabledInd is selected as N then dmlFeature can not be null
CDS-DML-018	if dmlAppEnabledInd is selected as y then dmlScoreRuleId can not be null
CDS-DML-022	Input parameter is missing or incorrect. Unable to resolve any scoring model
CDS-DML-0223	Input parameter is missing or incorrect. Unable to calculate the score
CDS-DML-013	Invalid product processor
CDS-PRC-011	Incorrect Range Definition. Range definition should be continuous in \$1
CDS-PRC-012	Duplicate \$1 values are not allowed
CDS-PRC-015	Product Processor is not authorized
CDS-DML-011	Incorrect Range Definition. Range definition should be continuous
CDS-DML-012	Input parameter is missing or incorrect. Unable to resolve any pricing setup
CDS-QFT-001	if qftRuleApplicableInd is selected as y then qftRuleName and qftRuleId cannot be null
CDS-QFT-002	if qftRuleApplicableInd is selected as N then qftFactName and qftFactId cannot be null
CDS-QFT-005	qftCode cannot be other than alphanumeric
CDS-QFT-004	Fact or rule not found
CDS-DML-008	Invalid rule name
CDS-PRC-0010	Fact or rule not found
CDS-PRC-007	Pricing Rate definition should be greater than or equal to minimum rate and less than or equal to maximum rate
CDS-PRC-009	rate percentage of range cannot be equal to zero or less than the previous one
CDS-PRC-005	\$1 should be equal to or greater than the System date
CDS-PRC-0010	Invalid product processor
CDS-PRC-004	Maintain at least one record \$1
CDS-PRC-001	Min Rate cannot be less than zero or not be more than max rate
CDS-PRC-003	Overlapping price range definition not allowed \$1
CDS-PRC-002	Rate Type cannot any other keyword
CDS-PRC-008	\$1 cannot be less than or equal to zero
CDS-DML-009	Unable to resolve any scoring model
CDS-PPR-001	\$1 should be equal to or greater than the System date
CDS-DML-005	Overlapping range definition not allowed in \$1
CDS-QFT-003	Invalid product processor
CDS-DML-001	\$1 should be equal to or greater than the Posting date
CDS-DML-019	Unable to resolve the best fit scoring model. Multiple scoring model resolved

Table A-1 (Cont.) Error Codes and Messages



Error Codes	Messages
CDS-DML-016	Unable to resolve the best fit pricing model. Multiple pricing model resolved
CDS-DML-004	The sum of weightage assigned to the feature code should be 100
CDS-PPR-002	Effective date should be less than Expiry Date
CDS-PRC-013	Rate definition should be greater than or equal to minimum rate and less than or equal to maximum rate
CDS-DML-020	Unable to resolve the best fit application scoring model Multiple application scoring model resolved
CDS-DML-021	Unable to resolve the best fit decision and grade matrix. Multiple decision and grade matrix resolved
CDS-BWC-001	\$1 should be equal to or greater than the System date
CDS-BWC-002	Maintain at least one record in \$1
CDS-BWC-003	Effective date should be less than the Expiry Date
CDS-BWC-014	Effective date cannot be less than the Product Processor Effective date
CDS-STG-006	Effective Date cannot be null or blank
CDS-STG-007	Expiry Date cannot be null or blank
CDS-STG-008	Industry cannot be null or blank
CDS-STG-009	Module cannot be null or blank
CDS-STG-010	Line of Business cannot be null or blank
CDS-STG-011	Effective date should be less than the Expiry Date
CDS-STG-012	Expiry Date should be equal to or greater then the System date
CDS-STG-013	Invalid Strategy Code
CDS-STG-014	Invalid Industry
CDS-STG-015	Invalid Module
CDS-STG-016	Invalid Line of Business
CDS-STG-017	Invalid product processor
CDS-STG-018	Invalid Account Category
CDS-STG-019	Invalid modes for the selected module
CDS-STG-020	Invalid combination of steps for selected modes
CDS-STG-021	Record already exists
CDS-STG-022	Effective date cannot be less than the Product Processor Effective Date
CDS-RUL-002	Fact already exists
CDS-STG-023	Invalid combination of modes and steps
CDS-DML-040	FeatureDTO missing. Kindly enter the details
CDS-LML-029	Logical Model Reason Code is Invalid
CDS-DML-024	Negative values not allowed
CDS-DML-025	Category not allowed in case of multi applicant scoring model
CDS-DML-026	Percentage cannot be greater than 100
CDS-DML-027	For multi-applicant max value not allowed
CDS-DML-028	Max value not required for range type Value
CDS-DML-029	Range type cannot be null
CDS-DML-030	Max value cannot be null
CDS-DML-031	Please enter a valid scoring model type

Table A-1 (Cont.) Error Codes and Messages



CDS-DML-032

CDS-DML-033

Please enter a valid range type

Feature list not required for application model

Error Codes	Messages
CDS-DML-034	Scoring rule id not required for the scoring model type
CDS-DML-035	Please enter a valid feature type
CDS-DML-036	Only range Type Value is allowed, for fact type feature
CDS-DML-037	Only range Type ParamPercent is allowed, for rule based feature
CDS-DML-038	Only range Type Value is allowed, for Text type fact
CDS-DML-039	Category code missing
CDS-LML-015	Logical Model Code size must be between 1 and 30
CDS-LML-016	Logical Model Description size must be between 1 and 240
CDS-LML-017	Logical Model Effective Date cannot be null
CDS-LML-018	Logical Model Expiry Date cannot be null
CDS-LML-019	Logical Model Rule Id size must be between 1 and 80
CDS-LML-020	Logical Model Details Rule Id cannot be null
CDS-LML-021	Reason Code cannot be null
CDS-LML-022	Logical Model comments size must be between 1 and 80
CDS-LML-023	Logical Model Sequence must be in the range of 1 to 999
CDS-LML-024	Logical Model Sequence is Incorrect
CDS-LML-025	Logical Model Priority must be in the range of 1 to 100
CDS-LML-026	Logical Model Details cannot be null or empty
CDS-LML-027	Rule Id cannot be duplicate
CDS-LML-028	Invalid Rule Id
CDS-QUR-001	Invalid Input for QuestionnaireId, can not be null or blank
CDS-QUR-002	Invalid Input for QuestionnaireId, null or blank required
CDS-QUR-003	Invalid Input for QuestionId, null or blank required
CDS-QUR-004	Invalid Input for QuestionId, can not be null or blank
CDS-QUR-005	Questionnaire Code cannot be null or empty
CDS-QUR-006	Questionnaire Description cannot be null or empty
CDS-QUR-007	Product Processor cannot be null or empty
CDS-QUR-008	Question Code cannot be null or empty
CDS-QUR-009	Question Short Name cannot be null or empty
CDS-QUR-010	Question Description cannot be null or empty
CDS-QUR-011	Question Type cannot be null or empty
CDS-QUR-012	Answer Description cannot be null or empty
CDS-QUR-013	Questionnaire Code size must be between 1 and 30
CDS-QUR-014	Questionnaire Description size must be between 1 and 240
CDS-QUR-015	Question Code cannot be duplicate for a product processor
CDS-QUR-016	Question Sequence Number cannot be null, empty or zero, negetive
CDS-QUR-017	Answer Option Sequence Number cannot be null, empty or zero, negetive
CDS-QUR-018	Question Sequence Number cannot be duplicate for a questionnaire
CDS-QUR-019	Answer Option Sequence Number cannot be duplicate for a Question
CDS-QUR-020	Answer OptionId cannot be null or empty
CDS-QUR-021	Answer OptionId cannot be duplicate for a question
CDS-BWC-004	Incorrect execution stage
CDS-BWC-005	\$1 fact or rule not found

Table A-1	(Cont.) Error Codes	and Messages



Table A-1	(Cont.) Error Codes and Messages
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Error Codes	Messages
CDS-QUR-022	Input for whether Question Mandatory cannot be null or empty
CDS-QUR-023	System will not allow to add questions where response choice has not been captured,At least 2 record should be available
CDS-QUR-024	System will not allow to save the questionnaire without any question configured, Atleast 1 question should be configured in the questionnaire
CDS-QUR-025	Question Code cannot be duplicate for a questionnaire.
CDS-STG-024	Invalid type and value for additional info
CDS-STG-025	Selection of atleast 1 mode is mandatory
CDS-STG-026	Effective date cannot be updated after authorisation
CDS-STG-027	Multiple values of same type are not allowed under Additional Information
CDS-LOOKUP-001	Lookup Type must be alphanumeric
CDS-LOOKUP-002	Lookup Type must be between 1 and 30
CDS-LOOKUP-003	Lookup Description must be between 1 and 240
CDS-LOOKUP-004	Duplicate lookup codes not allowed
CMC-GL-002	\$1 is a invalid GL Codes
CMC-GL-003	\$1 is a invalid Job Name
CMC-GL-004	GL hand off job is already running for branch \$1
CMC-GL-005	IB Entries are present for branch \$1, cannot initiate job
CMC-GL-006	Unbalanced Entries are present for branch \$1, cannot initiate job
CMC-GL-007	GL handOff job started successfully
CMC-GL-008	branch code is required
CMC-GL-009	Blocked GL cannot be used
CMC-GL-010	Special character not allowed, GL code should be alphanumeric
CMC-GL-012	Log Scheduler Frequency is not a valid number
CMC-GL-013	Log Scheduler Frequency is not between 1 minute(60000) to 30 minutes(1800000)
CMC-GL-014	Log Scheduler Frequency is not in increments of 1 minute
CMC-GL-011	Job is already completed, cannot retry \$1
CMC-GL-MIS-001	Generic Error, Failed to persist \$1 MIS Linkage
CMC-GL-MIS-002	This combination already exist for customer MIS,, customer: \$1, effectiveDate: \$2
CMC-GL-MIS-003	This combination already exist for transaction MIS, unitRefNo: \$1, branchCode: \$2, unitType: \$3, effectiveDate: \$4
CMC-GL-MIS-004	Invalid unitType: \$1

B Functional Activity Codes

Screen Name	Functional Activity Codes	Action	Description
External Chart of Accounts	CMC_FA_EXT_CHART_ACC _NEW	CREATE	Create External Chart of Accounts
External Chart of Accounts	CMC_FA_EXT_CHART_ACC _AMEND	UNLOCK	Modify External Chart of Accounts
External Chart of Accounts	CMC_FA_EXT_CHART_ACC _AUTHORIZE	AUTHORIZE	Authorize External Chart of Accounts
External Chart of Accounts	CMC_FA_EXT_CHART_ACC _CLOSE	CLOSE	Close External Chart of Accounts
External Chart of Accounts	CMC_FA_EXT_CHART_ACC _DELETE	DELETE	Delete External Chart of Accounts
External Chart of Accounts	CMC_FA_EXT_CHART_ACC _VIEW	VIEW	View External Chart of Accounts
External Chart of Accounts	CMC_FA_EXT_CHART_ACC _REOPEN	REOPEN	Reopen External Chart of Accounts
MIS Class	CMC_FA_MIS_CLASS_NEW	CREATE	Create MIS Class
MIS Class	CMC_FA_MIS_CLASS_AME ND	UNLOCK	Modify MIS Class
MIS Class	CMC_FA_MIS_CLASS_AUT HORIZE	AUTHORIZE	Authorize MIS Class
MIS Class	CMC_FA_MIS_CLASS_CLO SE	CLOSE	Close MIS Class
MIS Class	CMC_FA_MIS_CLASS_DEL ETE	DELETE	Delete MIS Class
MIS Class	CMC_FA_MIS_CLASS_REO PEN	REOPEN	Reopen MIS Class
MIS Class	CMC_FA_MIS_CLASS_VIEW	VIEW	View MIS Class
MIS Group	CMC_FA_MIS_GROUP_NE W	CREATE	Create MIS Group
MIS Group	CMC_FA_MIS_GROUP_AME ND	UNLOCK	Modify MIS Group
MIS Group	CMC_FA_MIS_GROUP_AUT HORIZE	AUTHORIZE	Authorize MIS Group
MIS Group	CMC_FA_MIS_GROUP_DEL ETE	DELETE	Delete MIS Group
MIS Group	CMC_FA_MIS_GROUP_CLO SE	CLOSE	Close MIS Group

Table B-1 List of Functional Activity Codes



Table B-1	(Cont.)) List of	Function	al Activity	y Codes

Screen Name	Functional Activity Codes	Action	Description
MIS Group	CMC_FA_MIS_GROUP_REO PEN	REOPEN	Reopen MIS Group
MIS Group	CMC_FA_MIS_GROUP_VIE W	VIEW	View MIS Group
Pricing Source System	CMC_FA_PRC_SRC_SYS_S AVE	CREATE	Create Pricing Source
Pricing Source System	CMC_FA_PRC_SRC_SYS_M ODIFY	UNLOCK	Modify Pricing Source
Pricing Source System	CMC_FA_PRC_SRC_SYS_A UTH	AUTHORIZE	Authorize Pricing Source
Pricing Source System	CMC_FA_PRC_SRC_SYS_D ELETE	DELETE	Delete Pricing Source
Pricing Source System	CMC_FA_PRC_SRC_SYS_C LOSE	CLOSE	Close Pricing Source
Pricing Source System	CMC_FA_PRC_SRC_SYS_R EOPEN	REOPEN	Reopen Pricing Source
Pricing Source System	CMC_FA_PRC_SRC_SYS_G ETBYID	VIEW	View Pricing Source
Transaction Code	CMC_FA_TRN_CODE_CRE ATE	CREATE	Create Transaction Code
Transaction Code	CMC_FA_TRN_CODE_MODI FY	UNLOCK	Modify Transaction Code
Transaction Code	CMC_FA_TRN_CODE_AUTH ORIZE	AUTHORIZE	Authorize Transaction Code
Transaction Code	CMC_FA_TRN_CODE_DELE TE	DELETE	Delete Transaction Code
Transaction Code	CMC_FA_TRN_CODE_CLO SE	CLOSE	Close Transaction Code
Transaction Code	CMC_FA_TRN_CODE_REO PEN	REOPEN	Reopen Transaction Code
Transaction Code	CMC_FA_TRN_CODE_VIEW	VIEW	View Transaction Code
Resource Class	CMC_FA_RESOURCE_CLA SS_AMEND	UNLOCK	Modify Resource Class
Resource Class	CMC_FA_RESOURCE_CLA SS_AUTHORIZE	AUTHORIZE	Authorize Resource Class
Resource Class	CMC_FA_RESOURCE_CLA SS_AUTHQUERY	VIEW	Get all unauthorized records
Resource Class	CMC_FA_RESOURCE_CLA SS_CLOSE	CLOSE	Close Resource Class
Resource Class	CMC_FA_RESOURCE_CLA SS_DELETE	DELETE	Delete Resource Class

Screen Name	Functional Activity Codes	Action	Description
Resource Class	CMC_FA_RESOURCE_CLA SS_REOPEN	REOPEN	Reopen Resource Class
Resource Class	CMC_FA_RESOURCE_CLA SS_NEW	NEW	Create new Resource Class
Resource Class	CMC_FA_RESOURCE_CLA SS_VIEW	VIEW	View Resource Class
Resource Class	CMC_FA_RESOURCE_CLA SS_VIEWALL	VIEW	View All Resource Class
cmc- resource- segment- orchestrator (API)	CMC_FA_ORCHESTRATOR _CON_JSON	VIEW	Orchestrator Con Json
cmc- resource- segment- orchestrator (API)	CMC_FA_ORCHESTRATOR _INITIATE	INITIATE	Orchestrator Initiate
cmc- resource- segment- orchestrator (API)	CMC_FA_ORCHESTRATOR _INITIATE_EXIST_TXN	INITIATE	Orchestrator Initiate Exist Transaction
cmc- resource- segment- orchestrator (API)	CMC_FA_ORCHESTRATOR _SUBMIT	NEW	Orchestrator Submit
Borrowing Capacity	CMC_OBCDS_FA_BWC_AC TIONS	ACTION	Action Borrowing Capacity
Borrowing Capacity	CMC_OBCDS_FA_BWC_AM END	UNLOCK	Modify Borrowing Capacity
Borrowing Capacity	CMC_OBCDS_FA_BWC_AU THORIZE	AUTHORIZE	Authorize Borrowing Capacity
Borrowing Capacity	CMC_OBCDS_FA_BWC_AU THQUERY	AUTHORIZE QUERY	Authorize query Borrowing Capacity
Borrowing Capacity	CMC_OBCDS_FA_BWC_CL OSE	CLOSE	Close Borrowing Capacity
Borrowing Capacity	CMC_OBCDS_FA_BWC_DE LETE	DELETE	Delete Borrowing Capacity
Borrowing Capacity	CMC_OBCDS_FA_BWC_HIS TORY	HISTORY	History Borrowing Capacity
Borrowing Capacity	CMC_OBCDS_FA_BWC_NE W	CREATE	Create Borrowing Capacity
Borrowing Capacity	CMC_OBCDS_FA_BWC_RE OPEN	REOPEN	Reopen Borrowing Capacity
Borrowing Capacity	CMC_OBCDS_FA_BWC_VA LIDATE_LOV	VALIDATE LOV	Validate Lov Borrowing Capacity
Borrowing Capacity	CMC_OBCDS_FA_BWC_VIE W	VIEW	View Borrowing Capacity

Table B-1 (Cont.) List of Functional Activity Codes



Table B-1	(Cont.) List of Functional Acti	vity Codes

Screen Name	Functional Activity Codes	Action	Description
Borrowing Capacity	CMC_OBCDS_FA_BWC_VIE WALL	VIEW ALL	View all Borrowing Capacity
Borrowing Capacity	CMC_OBCDS_FA_BWC_VIE WCHANGES	VIEWCHANG ES	Viewchanges Borrowing Capacity
Counter	CMC_OBCDS_FA_COUNTE RCONFIG_AMEND	UNLOCK	Unlock Counter
Counter	CMC_OBCDS_FA_COUNTE RCONFIG_AUTHORIZE	AUTHORIZE	Authorize Counter
Counter	CMC_OBCDS_FA_COUNTE RCONFIG_AUTHQUERY	AUTHQUERY	Authorize query Counter
Counter	CMC_OBCDS_FA_COUNTE RCONFIG_CLOSE	CLOSE	Close Counter
Counter	CMC_OBCDS_FA_COUNTE RCONFIG_DELETE	DELETE	Delete Counter
Counter	CMC_OBCDS_FA_COUNTE RCONFIG_HISTORY	HISTORY	History Counter
Counter	CMC_OBCDS_FA_COUNTE RCONFIG_NEW	CREATE	Create Counter
Counter	CMC_OBCDS_FA_COUNTE RCONFIG_REJECT	REJECT	Reject Counter
Counter	CMC_OBCDS_FA_COUNTE RCONFIG_REOPEN	REOPEN	Reopen Counter
Counter	CMC_OBCDS_FA_COUNTE RCONFIG_VALIDATE_LOV	VALIDATE LOV	Validate Lov Counter
Counter	CMC_OBCDS_FA_COUNTE RCONFIG_VIEW	VIEW	View Counter
Counter	CMC_OBCDS_FA_COUNTE RCONFIG_VIEWALL	VIEW ALL	View All Counter
Counter	CMC_OBCDS_FA_COUNTE RCONFIG_VIEWCHANGES	VIEWCHANG ES	Viewchanges Counter
Product Processor	CMC_OBCDS_FA_PPR_ACT IONS	ACTION	Action Product Processor
Product Processor	CMC_OBCDS_FA_PPR_AM END	UNLOCK	Unlock Product Processor
Product Processor	CMC_OBCDS_FA_PPR_AUT HORIZE	AUTHORIZE	Authorize Product Processor
Product Processor	CMC_OBCDS_FA_PPR_AUT HQUERY	AUTHQUERY	Authorize query Product Processor
Product Processor	CMC_OBCDS_FA_PPR_CL OSE	CLOSE	Close Product Processor
Product Processor	CMC_OBCDS_FA_PPR_DEL ETE	DELETE	Delete Product Processor
Product Processor	CMC_OBCDS_FA_PPR_HIS TORY	HISTORY	History Product Processor
Product Processor	CMC_OBCDS_FA_PPR_NE W	CREATE	Create Product Processor
Product Processor	CMC_OBCDS_FA_PPR_RE OPEN	REOPEN	Reopen Product Processor


Screen Name	Functional Activity Codes	Action	Description
Product Processor	CMC_OBCDS_FA_PPR_VAL IDATE_LOV	VALIDATE LOV	Validate Lov Product Processor
Product Processor	CMC_OBCDS_FA_PPR_VIE W	VIEW	View Product Processor
Product Processor	CMC_OBCDS_FA_PPR_VIE WALL	VIEW ALL	View All Product Processor
Product Processor	CMC_OBCDS_FA_PPR_VIE WCHANGES	VIEWCHANG ES	Viewchanges Product Processor
Pricing Model	CMC_OBCDS_FA_PRC_ACT IONS	ACTION	Action Pricing Model
Pricing Model	CMC_OBCDS_FA_PRC_AM END	UNLOCK	Unlock Pricing Model
Pricing Model	CMC_OBCDS_FA_PRC_AUT HORIZE	AUTHORIZE	Authorize Pricing Model
Pricing Model	CMC_OBCDS_FA_PRC_AUT HQUERY	AUTHQUERY	Authorize query Pricing Model
Pricing Model	CMC_OBCDS_FA_PRC_CL OSE	CLOSE	Close Pricing Model
Pricing Model	CMC_OBCDS_FA_PRC_DEL ETE	DELETE	Delete Pricing Model
Pricing Model	CMC_OBCDS_FA_PRC_HIS TORY	HISTORY	History Pricing Model
Pricing Model	CMC_OBCDS_FA_PRC_NE W	CREATE	Create Pricing Model
Pricing Model	CMC_OBCDS_FA_PRC_RE OPEN	REOPEN	Reopen Pricing Model
Pricing Model	CMC_OBCDS_FA_PRC_VAL IDATE_LOV	VALIDATE LOV	Validate Pricing Model LOV
Pricing Model	CMC_OBCDS_FA_PRC_VIE W	VIEW	View Pricing Model
Pricing Model	CMC_OBCDS_FA_PRC_VIE WALL	VIEWALL	Viewall Pricing Model
Pricing Model	CMC_OBCDS_FA_PRC_VIE WCHANGES	VIEWCHANG ES	Viewchanges Pricing Model
Charge Code	CMC_OBCDS_FA_PRICING DETAILS_AMEND	UNLOCK	Unlock Charge Code
Charge Code	CMC_OBCDS_FA_PRICING DETAILS_AUTHORIZE	AUTHORIZE	Authorize Charge Code
Charge Code	CMC_OBCDS_FA_PRICING DETAILS_AUTHQUERY	AUTHQUERY	Authorize query Charge Code
Charge Code	CMC_OBCDS_FA_PRICING DETAILS_CLOSE	CLOSE	Close Charge Code
Charge Code	CMC_OBCDS_FA_PRICING DETAILS_DELETE	DELETE	Delete Charge Code
Charge Code	CMC_OBCDS_FA_PRICING DETAILS_GETBYCODE	GETBYCODE	Getbycode Charge Code
Charge Code	CMC_OBCDS_FA_PRICING DETAILS_HISTORY	HISTORY	History Charge Code

		Table B-1	(Cont.) List of Functional Activity Code
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Table B-1	(Cont.)	List of Functional Activi	ty Codes

Screen Name	Functional Activity Codes	Action	Description
Charge Code	CMC_OBCDS_FA_PRICING DETAILS_NEW	CREATE	Create Charge Code
Charge Code	CMC_OBCDS_FA_PRICING DETAILS_REJECT	REJECT	Reject Charge Code
Charge Code	CMC_OBCDS_FA_PRICING DETAILS_REOPEN	REOPEN	Reopen Charge Code
Charge Code	CMC_OBCDS_FA_PRICING DETAILS_VALIDATE_LOV	VALIDATE LOV	Validate Charge Code LOV
Charge Code	CMC_OBCDS_FA_PRICING DETAILS_VIEW	VIEW	View Charge Code
Charge Code	CMC_OBCDS_FA_PRICING DETAILS_VIEWALL	VIEWALL	Viewall Charge Code
Charge Code	CMC_OBCDS_FA_PRICING DETAILS_VIEWCHANGES	VIEWCHANG ES	Viewchanges Charge Code
Charge Code	CMC_OBCDS_FA_GET_CH ARGES	GET CHARGES	Get Charges Charge Code
Scoring Feature	CMC_OBCDS_FA_QFT_ACT IONS	ACTION	Action Scoring Feature
Scoring Feature	CMC_OBCDS_FA_QFT_AM END	UNLOCK	Unlock Scoring Feature
Scoring Feature	CMC_OBCDS_FA_QFT_AUT HORIZE	AUTHORIZE	Authorize Scoring Feature
Scoring Feature	CMC_OBCDS_FA_QFT_AUT HQUERY	AUTHQUERY	Authorize Query Scoring Feature
Scoring Feature	CMC_OBCDS_FA_QFT_CLO SE	CLOSE	Close Scoring Feature
Scoring Feature	CMC_OBCDS_FA_QFT_DEL ETE	DELETE	Delete Scoring Feature
Scoring Feature	CMC_OBCDS_FA_QFT_HIS TORY	HISTORY	History Scoring Feature
Scoring Feature	CMC_OBCDS_FA_QFT_NE W	CREATE	Create Scoring Feature
Scoring Feature	CMC_OBCDS_FA_QFT_RE OPEN	REOPEN	Reopen Scoring Feature
Scoring Feature	CMC_OBCDS_FA_QFT_VALI DATE_LOV	VALIDATE LOV	Validate Scoring Feature LOV
Scoring Feature	CMC_OBCDS_FA_QFT_VIE W	VIEW	View Scoring Feature
Scoring Feature	CMC_OBCDS_FA_QFT_VIE WALL	VIEWALL	Viewall Scoring Feature
Scoring Feature	CMC_OBCDS_FA_QFT_VIE WCHANGES	VIEWCHANG ES	Viewchanges Scoring Feature
Qualitative Scoring Model	CMC_OBCDS_FA_QUAL_AC TIONS	ACTION	Action on Qualitative Scoring Model
Qualitative Scoring Model	CMC_OBCDS_FA_QUAL_A MEND	UNLOCK	Unlock Qualitative Scoring Model

Screen Name	Functional Activity Codes	Action	Description
Qualitative Scoring Model	CMC_OBCDS_FA_QUAL_AU THORIZE	AUTHORIZE	Authorize Qualitative ScroringModel
Qualitative Scoring Model	CMC_OBCDS_FA_QUAL_AU THQUERY	AUTHQUERY	Authorize query Qualitative ScroringModel
Qualitative Scoring Model	CMC_OBCDS_FA_QUAL_CL OSE	CLOSE	Close Qualitative ScroringModel
Qualitative Scoring Model	CMC_OBCDS_FA_QUAL_DE LETE	DELETE	Delete Qualitative ScroringModel
Qualitative Scoring Model	CMC_OBCDS_FA_QUAL_HI STORY	HISTORY	History Qualitative ScroringModel
Qualitative Scoring Model	CMC_OBCDS_FA_QUAL_NE W	NEW	Create Qualitative ScroringModel
Qualitative Scoring Model	CMC_OBCDS_FA_QUAL_RE OPEN	REOPEN	Reopen Qualitative ScroringModel
Qualitative Scoring Model	CMC_OBCDS_FA_QUAL_VA LIDATE_LOV	VALIDATE LOV	Validate Qualitative ScroringModel LOV
Qualitative Scoring Model	CMC_OBCDS_FA_QUAL_VI EW	VIEW	View Qualitative ScroringModel
Qualitative Scoring Model	CMC_OBCDS_FA_QUAL_VI EWALL	VIEWALL	View all Qualitative ScroringModel
Qualitative Scoring Model	CMC_OBCDS_FA_QUAL_VI EWCHANGES	VIEW	View Qualitative ScroringModel
Questionnair e	CMC_OBCDS_FA_QUESTIO NNAIRESEED_ACTIONS	ACTION	Action Questionnaireseed
Questionnair e	CMC_OBCDS_FA_QUESTIO NNAIRESEED_AMEND	UNLOCK	Unlock Questionnaireseed
Questionnair e	CMC_OBCDS_FA_QUESTIO NNAIRESEED_AUTHORIZE	AUTHORIZE	Authorize Questionnaireseed
Questionnair e	CMC_OBCDS_FA_QUESTIO NNAIRESEED_AUTHQUERY	AUTHQUERY	Authorize query Questionnaireseed
Questionnair e	CMC_OBCDS_FA_QUESTIO NNAIRESEED_CLOSE	CLOSE	Close Questionnaireseed
Questionnair e	CMC_OBCDS_FA_QUESTIO NNAIRESEED_DELETE	DELETE	Delete Questionnaireseed
Questionnair e	CMC_OBCDS_FA_QUESTIO NNAIRESEED_HISTORY	HISTORY	History Questionnaireseed
Questionnair e	CMC_OBCDS_FA_QUESTIO NNAIRESEED_NEW	CREATE	Create Questionnaireseed
Questionnair e	CMC_OBCDS_FA_QUESTIO NNAIRESEED_REOPEN	REOPEN	Reopen Questionnaireseed

 Table B-1
 (Cont.) List of Functional Activity Codes



Table B-1 (Cont	.) List of Functional Activit	y Codes

Screen Name	Functional Activity Codes	Action	Description
Questionnair e	CMC_OBCDS_FA_QUESTIO NNAIRESEED_VALIDATE_L OV	VALIDATE LOV	Validate Questionnaireseed LOV
Questionnair e	ir CMC_OBCDS_FA_QUESTIO VIEW View Questionna NNAIRESEED_VIEW		View Questionnaireseed
Questionnair e	CMC_OBCDS_FA_QUESTIO NNAIRESEED_VIEWALL	VIEW ALL	View All Questionnaireseed
Questionnair e	CMC_OBCDS_FA_QUESTIO NNAIRESEED_VIEWCHANG ES	VIEWCHANG ES	Viewchanges Questionnaireseed
Questionnair e	CMC_OBCDS_FA_QUES_A CTIONS	ACTION	Action Questionnaire
Questionnair e	CMC_OBCDS_FA_QUES_A MEND	UNLOCK	Unlock Questionnaire
Questionnair e	CMC_OBCDS_FA_QUES_A UTHORIZE	AUTHORIZE	Authorize Questionnaire
Questionnair e	CMC_OBCDS_FA_QUES_A UTHQUERY	AUTHQUERY	Authquery Questionnaire
Questionnair e	estionnair CMC_OBCDS_FA_QUES_C LOSE		Close Questionnaire
Questionnair e	uestionnair CMC_OBCDS_FA_QUES_D ELETE		Delete Questionnaire
Questionnair e	estionnair CMC_OBCDS_FA_QUES_DI SPLAY		Display Question Display
Questionnair e	CMC_OBCDS_FA_QUES_DI SPLAY_DUMMY	DISPLAY	Display Question Display
Questionnair e	CMC_OBCDS_FA_QUES_HI STORY	HISTORY	History Questionnaire
Questionnair e	CMC_OBCDS_FA_QUES_N EW	DBCDS_FA_QUES_N CREATE Create Questionnaire	
Questionnair e	CMC_OBCDS_FA_QUES_R EOPEN	REOPEN	Reopen Questionnaire
Questionnair e	CMC_OBCDS_FA_QUES_VA LIDATEQUSCODE	VALIDATE	Validate Questionnaire
Questionnair e	CMC_OBCDS_FA_QUES_VA LIDATE_LOV	VALIDATE LOV	Validate Questionnaire LOV
Questionnair e	CMC_OBCDS_FA_QUES_VI EW	VIEW	View Questionnaire
Questionnair e	CMC_OBCDS_FA_QUES_VI EWALL	VIEW ALL	View All Questionnaire
Questionnair e	CMC_OBCDS_FA_QUES_VI EWCHANGES	VIEWCHANG ES	Viewchanges Questionnaire
Questionnair e	CMC_OBCDS_FA_QUES_VI EWPPR	VIEW PPR	View PPR Questionnaire
Questionnair e	CMC_OBCDS_FA_QUES_VI EWQURCODE	VIEW	View Questionnaire
Questionnair e	CMC_OBCDS_FA_FETCH_ QUESTIONNAIRE	FETCH	Fetch Questionnaire

Table B-1	(Cont.)	List of Functional Activity	/ Codes

Screen Functional Activity Codes Name		Action	Description	
Questionnair e	CMC_OBCDS_FA_FETCH_ QUEST_REG	FETCH	Fetch Questionnaire	
Strategy CMC_OBCDS_FA_STRATEG ACTION Action Strategy Configur Configuratio YCONFIG_ACTIONS ACTION Action Strategy Configur		Action Strategy Configuration		
Strategy Configuratio n	CMC_OBCDS_FA_STRATEG YCONFIG_AMEND	UNLOCK	Unlock Strategy Configuration	
Strategy Configuratio n	CMC_OBCDS_FA_STRATEG YCONFIG_AUTHORIZE	AUTHORIZE	Authorize Strategy Configuration	
Strategy Configuratio n	CMC_OBCDS_FA_STRATEG YCONFIG_AUTHQUERY	AUTHQUERY	Authorize query Strategy Configuration	
Strategy Configuratio n	CMC_OBCDS_FA_STRATEG YCONFIG_CLOSE	CLOSE	Close Strategy Configuration	
Strategy Configuratio n	CMC_OBCDS_FA_STRATEG YCONFIG_DELETE	DELETE	Delete Strategy Configuration	
Strategy Configuratio n	ategy CMC_OBCDS_FA_STRATEG HISTORY History Strategy Configuration nfiguratio YCONFIG_HISTORY HISTORY History Strategy Configuration		History Strategy Configuration	
Strategy Configuratio n	CMC_OBCDS_FA_STRATEG YCONFIG_NEW	DBCDS_FA_STRATEG CREATE Create Strategy Configuration		
Strategy Configuratio n	Strategy CMC_OBCDS_FA_STRATEG REOPEN Reopen Strategy Configuration Configuration YCONFIG_REOPEN Provide Strategy Provide Strategy n N Provide Strategy Provide Strategy		Reopen Strategy Configuration	
Strategy Configuratio n	CMC_OBCDS_FA_STRATEG YCONFIG_VALIDATE_LOV	VALIDATE LOV	ATE Validate Strategy Configuration LOV	
Strategy Configuratio n	CMC_OBCDS_FA_STRATEG YCONFIG_VIEW	VIEW	View Strategy Configuration	
Strategy Configuratio n	CMC_OBCDS_FA_STRATEG YCONFIG_VIEWALL	VIEW ALL	View All Strategy Configuration	
Strategy Configuratio n	CMC_OBCDS_FA_STRATEG YCONFIG_VIEWCHANGES	VIEWCHANG ES	Viewchanges Strategy Configuration	
View Execution Summary	CMC_OBCDS_FA_SERVICE _LOG_VIEWALL	VIEW ALL	View All View Execution Summary	
View Execution Summary	CMC_OBCDS_FA_FETCH_C REDIT_DECISION	FETCH	Fetch View Execution Summary	
Decision Grade Matrix	CMC_OBCDS_FA_DGM_AC TIONS	ACTION	Action Decision Grade Matrix	
Decision Grade Matrix	CMC_OBCDS_FA_DGM_AM END	UNLOCK	Unlock Decision Matrix	
Decision Grade Matrix	CMC_OBCDS_FA_DGM_AU THORIZE	AUTHORIZE	Authorize Decision Matrix	

Screen Name	Functional Activity Codes	Action	Description
Decision Grade Matrix	CMC_OBCDS_FA_DGM_AU THQUERY	AUTHQUERY	Authorize Query Decision Matrix
Decision Grade Matrix	CMC_OBCDS_FA_DGM_CL OSE	CLOSE	Close Decision Matrix
Decision Grade Matrix	CMC_OBCDS_FA_DGM_DE LETE	DELETE	Delete Decision Matrix
Decision Grade Matrix	CMC_OBCDS_FA_DGM_HIS TORY	HISTORY	History Decision Matrix
Decision Grade Matrix	CMC_OBCDS_FA_DGM_NE W	CREATE	Create Decision Matrix
Decision Grade Matrix	CMC_OBCDS_FA_DGM_RE OPEN	REOPEN	Reopen Decision Matrix
Decision Grade Matrix	CMC_OBCDS_FA_DGM_VA LIDATE_LOV	VALIDATE LOV	Validate Decision Matrix LOV
Decision Grade Matrix	CMC_OBCDS_FA_DGM_VIE W	VIEW	View Decision Matrix
Decision Grade Matrix	CMC_OBCDS_FA_DGM_VIE WALL	VIEW ALL	View All Decision Matrix
Decision Grade Matrix	CMC_OBCDS_FA_DGM_VIE WCHANGES	VIEWCHANG ES	Viewchanges Decision Matrix
Quantitative Scoring Model	CMC_OBCDS_FA_DML_ACT IONS	ACTION	Action Quantitative Scoring Model
Quantitative Scoring Model	CMC_OBCDS_FA_DML_AM END	UNLOCK	Unlock Qualitative Scoring Model
Quantitative Scoring Model	CMC_OBCDS_FA_DML_AUT HORIZE	AUTHORIZE	Authorize Qualitative ScroringModel
Quantitative Scoring Model	CMC_OBCDS_FA_DML_AUT HQUERY	AUTHQUERY	Authorize query Qualitative ScroringModel
Quantitative Scoring Model	CMC_OBCDS_FA_DML_CL OSE	CLOSE	Close Qualitative ScroringModel
Quantitative Scoring Model	CMC_OBCDS_FA_DML_DEL ETE	DELETE	Delete Qualitative ScroringModel
Quantitative Scoring Model	CMC_OBCDS_FA_DML_HIS TORY	HISTORY	History Qualitative ScroringModel
Quantitative Scoring Model	CMC_OBCDS_FA_DML_NE W	CREATE	CreateQualitative ScroringModel
Quantitative Scoring Model	CMC_OBCDS_FA_DML_RE OPEN	REOPEN	Reopen Qualitative ScroringModel
Quantitative Scoring Model	CMC_OBCDS_FA_DML_VAL IDATE_LOV	VALIDATE LOV	Validate Qualitative ScroringModel LOV

Table B-1	(Cont.) List of Functional Activity Codes



Table B-1	(Cont.)	List of Functional	Activity	Codes

Screen Name	Functional Activity Codes	Action	Description
Quantitative Scoring Model	CMC_OBCDS_FA_DML_VIE W	CMC_OBCDS_FA_DML_VIE VIEW View Qualitative ScroringMode	
Quantitative Scoring Model	CMC_OBCDS_FA_DML_VIE WALL	VIEW ALL	View All Qualitative ScroringModel
Quantitative Scoring Model	CMC_OBCDS_FA_DML_VIE WCHANGES	VIEWCHANG ES	Viewchanges Qualitative ScroringModel
Validation Model	CMC_OBCDS_FA_LML_ACT IONS	ACTION	Action Validation Model
Validation Model	CMC_OBCDS_FA_LML_AM END	UNLOCK	Unlock Validation Model
Validation Model	CMC_OBCDS_FA_LML_AUT HORIZE	AUTHORIZE	Authorize Validation Model
Validation Model	CMC_OBCDS_FA_LML_AUT HQUERY	AUTHQUERY	Authorize query Validation Model
Validation Model	CMC_OBCDS_FA_LML_CLO SE	CLOSE	Close Validation Model
Validation Model	CMC_OBCDS_FA_LML_DEL ETE	DELETE	Delete Validation Model
Validation Model	CMC_OBCDS_FA_LML_HIS TORY	HISTORY	History Validation Model
Validation Model	CMC_OBCDS_FA_LML_NE W	CREATE	Create Validation Model
Validation Model	CMC_OBCDS_FA_LML_RE OPEN	REOPEN	Reopen Validation Model
Validation Model	CMC_OBCDS_FA_LML_VALI DATE_LOV	VALIDATE LOV	Validate Validation Model LOV
Validation Model	CMC_OBCDS_FA_LML_VIE W	VIEW	View Validation Model
Validation Model	CMC_OBCDS_FA_LML_VIE WALL	VIEW ALL	View all Validation Model
Validation Model	CMC_OBCDS_FA_LML_VIE WCHANGES	VIEWCHANG ES	Viewchanges Validation Model
Lookup	CMC_OBCDS_FA_LOOKUP S_ACTIONS	ACTION	Action Lookup
Lookup	CMC_OBCDS_FA_LOOKUP S_AMEND	UNLOCK	Unlock Lookup
Lookup	CMC_OBCDS_FA_LOOKUP S_AUTHORIZE	AUTHORIZE	Authorize Lookup
Lookup	CMC_OBCDS_FA_LOOKUP S_AUTHQUERY	AUTHQUERY	Authorize query Lookup
Lookup	CMC_OBCDS_FA_LOOKUP S_CLOSE	CLOSE	Close Lookup
Lookup	CMC_OBCDS_FA_LOOKUP S_CODE_VIEW	CODE VIEW	Code View Lookup
Lookup	CMC_OBCDS_FA_LOOKUP S_DELETE	DELETE	Delete Lookup



Table B-1	(Cont.) List of	Functional	Activity	Codes

Screen Name	Functional Activity Codes	Action	Description
Lookup	DKUP CMC_OBCDS_FA_LOOKUP S_HISTORY		History Lookup
Lookup	CMC_OBCDS_FA_LOOKUP S_NEW	CREATE	Create Lookup
Lookup	CMC_OBCDS_FA_LOOKUP S_REOPEN	REOPEN	Reopen Lookup
Lookup	CMC_OBCDS_FA_LOOKUP S_VALIDATE_LOV	VALIDATE LOV	Validate Lov Lookup
Lookup	CMC_OBCDS_FA_LOOKUP S_VIEW	VIEW	View Lookup
Lookup	CMC_OBCDS_FA_LOOKUP S_VIEWALL	VIEW ALL	View All Lookup
Lookup	CMC_OBCDS_FA_LOOKUP S_VIEWCHANGES	VIEWCHANG ES	Viewchanges Lookup
System Parameter	CMC_OBCDS_FA_PMT_ACT IONS	ACTION	Action System Parameter
System Parameter	CMC_OBCDS_FA_PMT_AM END	UNLOCK	Unlock System Parameter
System Parameter	CMC_OBCDS_FA_PMT_AUT HORIZE	AUTHORIZE	Authorize System Parameter
System Parameter	CMC_OBCDS_FA_PMT_AUT HQUERY	AUTHQUERY	Authorize query System Parameter
System Parameter	CMC_OBCDS_FA_PMT_CL OSE	CLOSE	Close System Parameter
System Parameter	CMC_OBCDS_FA_PMT_DEL ETE	DELETE	Delete System Parameter
System Parameter	CMC_OBCDS_FA_PMT_HIS TORY	HISTORY	History System Parameter
System Parameter	CMC_OBCDS_FA_PMT_NE W	CREATE	Create System Parameter
System Parameter	CMC_OBCDS_FA_PMT_RE OPEN	REOPEN	Reopen System Parameter
System Parameter	CMC_OBCDS_FA_PMT_VAL IDATE_LOV	VALIDATE LOV	Validate System Parameter LOV
System Parameter	CMC_OBCDS_FA_PMT_VIE W	VIEW	View System Parameter
System Parameter	CMC_OBCDS_FA_PMT_VIE WALL	VIEW ALL	View All System Parameter
System Parameter	CMC_OBCDS_FA_PMT_VIE WCHANGES	VIEWCHANG ES	Viewchanges System Parameter
cmc- charges- calculation- services (API)	CMC_FA_GET_PRC_METH ODS	GETPRCMET HODS	Provides all pricing categories

•		-	
Screen Name	Functional Activity Codes	Action	Description
cmc- charges- calculation- services (API)	CMC_FA_PRC_CATEGORY	GETPRCCAT EGORY	Provides Price Methods for Given Price Category
cmc- charges- calculation- services (API)	CMC_FA_CHG_CALCULATE _CHARGES	GETCHARGE S	Performs Charge Calculation
cmc- charges- calculation- services (API)	CMC_FA_PRC_SRC_SYS_G ETBYID	GETBYRESO URCEID	Retrieves the Datasegment Deatils by ResourceID
cmc- charges- calculation- services (API)	CMC_FA_PRC_SRC_SYS_A CTIONS	GETPERMIT TEDACTION SONRES	Provides Action for Resource ID.
cmc- charges- calculation- services (API)	CMC_FA_PRC_SRC_SYS_A GGREGATE	GETRESOUR CEAGGREG ATE	Get Aggregate Details of the Resource
cmc- charges- calculation- services (API)	CMC_FA_PRC_SRC_SYS_H ISTORY	GETRESOUR CEHISTORY	Retrieves the History by Given Resource ID
cmc- charges- calculation- services (API)	CMC_FA_PRC_SRC_SYS_G ETALL	GETSUMMA RY	Get all Valid Master Datasegment Details
cmc- charges- calculation- services (API)	CMC_FA_PRC_SRC_SYS_G ET_UNAUTH	GETUNAUTH RESOURCE	Retrieves the Unauthorized Resource by Given Resource ID
cmc- charges- calculation- services (API)	CMC_FA_PRC_SRC_SYS_U NLOCK	REMOVERES OURCELOCK	Removes the Advisory Lock on the Resource
cmc- charges- calculation- services (API)	CMC_FA_PRC_SRC_SYS_S UBMIT	SUBMITRES OURCE	Submit for the Resource
cmc- charges- calculation-	CMC_FA_PRC_SRC_SYS_I SVALID	VALIDATERE SOURCE	Validates the Resource by Resource ID

Table B-1 (Cont.) List of Functional Activity Codes



services (API)

Screen Name	Functional Activity Codes	Action	Description
Price Rule	CMC_FA_CHARGERULE_A UTHORIZE_RESOURCE	AUTHORIZE RESOURCE	Authorize the Price Rule with given Resource ID
Price Rule	CMC_FA_CHARGERULE_CL OSE	CLOSERESO URCE	Closes the Price Rule with given Resource ID
Price Rule	CMC_FA_CHARGERULE_C REATE_RESOURCE	CREATERES OURCE	Creates New Price Rule
Price Rule	CMC_FA_CHARGERULE_D ELETE_RESOURCE	DELETERES OURCE	Deletes the Price Rule Record for Given Resource ID
Price Rule	CMC_FA_CHARGERULE_G ET_BY_RESOURCEID	GETBYRESO URCEID	Provides Price Rule for given Resource
Price Rule	CMC_FA_CHARGERULE_A CTION	GETPERMIT TEDACTION SONRES	Provides all Applicable Actions for Price Rule of given Resource ID
Price Rule	CMC_FA_CHARGERULE_R ESOURCE_AGGREGATE	GETRESOUR CEAGGREG ATE	Get Aggregate Details of the Price Rule
Price Rule	CMC_FA_CHARGERULE_R ESOURCE_HISTORY	GETRESOUR CEHISTORY	Retrieves the History for Price Rule with given Resource ID
Price Rule	CMC_FA_CHARGERULE_S UMMARY	GETSUMMA RY	Get all Price Rules Details
Price Rule	CMC_FA_CHARGERULE_U NAUTHORIZE_RESOURCE	GETUNAUTH RESOURCE	Retrieves the Unauthorized Price Rule for given Resource ID
Price Rule	CMC_FA_CHARGERULE_A UTHORIZE_RESOURCE	REJECTRES OURCE	Rejects the Resource by given Resource ID
Price Rule	CMC_FA_CHARGERULE_R EMOVE_RESOURCE_LOCK	REMOVERES OURCELOCK	Unlocks the Price Rule with given Resource ID
Price Rule	CMC_FA_CHARGERULE_R EOPEN_RESOURCE	REOPENRES OURCE	Reopens the Price Rule with given Resource ID
Price Rule	CMC_FA_CHARGERULE_S UBMIT_RESOURCE	SUBMITRES OURCE	Submits the Price Rule for Provided Resource ID
Price Rule	CMC_FA_CHARGERULE_U PDATE_RESOURCE	UPDATERES OURCE	Updates Existing Price Rule
Price Rule	CMC_FA_CHARGERULE_VA LIDATE_RESOURCE	VALIDATERE SOURCE	Validates the Price Rule with Provided Resource ID
cmc- transactionc ontroller- services (API)	CMC_FA_TXN_CONTROLLE R_GET_ADVICE	GETEVENTA DVICETYPES UMMARY	Get the Event Advice Type Summary Filtered from Transaction Controller Details for the Specified Event
cmc- transactionc ontroller- services (API)	CMC_FA_TXN_CONTROLLE R_GET_CHECKLIST	GETEVENTC HECKLISTSU MMARY	Get the Event CheckList Summary Filtered from Transaction Controller Details for the Specified Event
cmc- transactionc ontroller- services (API)	CMC_FA_TXN_CONTROLLE R_GET_CLAUSE	GETEVENTC LAUSESUMM ARY	Get the Event Clauses Summary Filtered from Transaction Controller Details for the Specified Event

 Table B-1
 (Cont.) List of Functional Activity Codes



Screen	Functional Activity Codes	Action	Description
Name			
cmc- transactionc ontroller- services (API)	CMC_FA_TXN_CONTROLLE R_GET_DATASEGMENT	GETEVENTD ATASEGMEN TSUMMARY	Get the Event DataSegment Summary Filtered from Transaction Controller Details for the Specified Event
cmc- transactionc ontroller- services (API)	CMC_FA_TXN_CONTROLLE R_GET_DOCUMENT	GETEVENTD OCUMENTS UMMARY	Get the Event Document Summary Filtered from Transaction Controller Details for the Specified Event
cmc- transactionc ontroller- services (API)	CMC_FA_TXN_CONTROLLE R_GET	GETTRANSA CTIONCONT ROLLERS	Get the Complete Transaction Controller Details for the Given Query Params
cmc- transactionc ontroller- services (API)	CMC_FA_TXN_CONTROLLE R_NEW	SAVETRANS ACTIONCON TROLLER	Based on the businessProcessCode, fetches the event and datasegment details and posts it into the TransactionController table.
cmc- transactionc ontroller- services (API)	CMC_FA_TXN_CONTROLLE R_PUT_DATASEGMENT	UPDATEDATA SEGMENTST ATUS	For the specified referenceNumber, update status to COMPLETE/ INCOMPLETE/WIP for specified data segment in TransactionController
cmc- transactionc ontroller- services (API)	CMC_FA_TXN_CONTROLLE R_PUT_ADVICE	UPDATEEVE NTADVICETY PESTATUS	For the specified reference Number and event, update status to COMPLETE/ INCOMPLETE/WIP for specified advice Type in Transaction Controller
cmc- transactionc ontroller- services (API)	CMC_FA_TXN_CONTROLLE R_PUT_CHECKLIST	UPDATEEVE NTALLCHEC KLISTSTATU S	For the specified reference Number and event, update status to COMPLETE/ INCOMPLETE/WIP for specified check List in TransactionController
cmc- transactionc ontroller- services (API)	CMC_FA_TXN_CONTROLLE R_PUT_EVENT	UPDATEEVE NTALLDATAS EGMENTSTA TUS	For the specified reference Number and event, update status to COMPLETE/ INCOMPLETE/WIP for all data segments in TransactionController
cmc- transactionc ontroller- services (API)	CMC_FA_TXN_CONTROLLE R_PUT_CHECKLIST	UPDATEEVE NTCHECKLIS TSTATUS	For the specified reference Number and event, update status to COMPLETE/ INCOMPLETE/WIP for specified check List in TransactionController
cmc- transactionc ontroller- services (API)	CMC_FA_TXN_CONTROLLE R_PUT_CLAUSE	UPDATEEVE NTCLAUSES TATUS	For the specified reference Number and event, update status to COMPLETE/ INCOMPLETE/WIP for specified clause in Transaction Controller
cmc- transactionc ontroller- services (API)	CMC_FA_TXN_CONTROLLE R_PUT_EVENT_DS	UPDATEEVE NTDATASEG MENTSTATU S	For the specified reference Number and event, update status to COMPLETE/ INCOMPLETE/WIP for specified datasegment in TransactionController

Table B-1 (Cont.) List of Functional Activity Codes



Screen Name	Functional Activity Codes	Action	Description
cmc- transactionc ontroller- services (API)	CMC_FA_TXN_CONTROLLE R_PUT_DOCUMENT	UPDATEEVE NTDOCUME NTSTATUS	For the specified reference Number and event, update status to COMPLETE/ INCOMPLETE/WIP for specified document Type in TransactionController
Priority Code - Priority Code Maintenance	CMC_MENU_FA_PRIORITY _CODE_MAINT_AMND	UNLOCK	Modify Priority Code Maintenance
Priority Code - Priority Code Maintenance	CMC_MENU_FA_PRIORITY _CODE_MAINT_AUTHORIZ E	AUTHORIZE	Authorize Priority Code Maintenance
Priority Code - Priority Code Maintenance	CMC_MENU_FA_PRIORITY _CODE_MAINT_CLOSE	CLOSE	Close Priority Code Maintenance
Priority Code - Priority Code Maintenance	CMC_MENU_FA_PRIORITY _CODE_MAINT_REOPEN	REOPEN	Reopen Priority Code Maintenance
Priority Code - Priority Code Maintenance	CMC_MENU_FA_PRIORITY _CODE_MAINT_VIEW	VIEW	View Priority Code Maintenance
Priority Code - Customer Priority Maintenance	CMC_MENU_FA_CUSTOME R_PRIORITY_MAINT_CREA TE	CREATE	Create Customer Priority Maintenance
Priority Code - Customer Priority Maintenance	CMC_MENU_FA_CUSTOME R_PRIORITY_MAINT_AMND	UNLOCK	Modify Customer Priority Maintenance
Priority Code - Customer Priority Maintenance	CMC_MENU_FA_CUSTOME R_PRIORITY_MAINT_CLOS E	CLOSE	Close Customer Priority Maintenance
Priority Code - Customer Priority Maintenance	CMC_MENU_FA_CUSTOME R_PRIORITY_MAINT_REOP EN	REOPEN	Reopen Customer Priority Maintenance
Priority Code - Customer Priority Maintenance	CMC_MENU_FA_CUSTOME R_PRIORITY_MAINT_AUTH ORIZE	AUTHORIZE	Authorize Customer Priority Maintenance
Priority Code - Customer Priority Maintenance	CMC_MENU_FA_CUSTOME R_PRIORITY_MAINT_DELE TE	DELETE	Delete Customer Priority Maintenance
Priority Code - Customer Priority Maintenance	CMC_MENU_FA_CUSTOME R_PRIORITY_MAINT_VIEW	VIEW	Customer Priority Maintenance

 Table B-1
 (Cont.) List of Functional Activity Codes



Table B-1	(Cont.) List of Functional Activ	ty Codes

Screen Name	Functional Activity Codes	Action	Description
Checklist - Checklist Maintenance	TFPM_FA_SVR_COMM	CREATE	Create Checklist Maintenance
Checklist - Checklist Maintenance	TFPM_FA_SVR_COMM	UNLOCK	Unlock Checklist Maintenance
Checklist - Checklist Maintenance	TFPM_FA_SVR_COMM	AUTHORIZE	Authorize Checklist Maintenance
Checklist - Checklist Maintenance	TFPM_FA_SVR_COMM	CLOSE	Close Checklist Maintenance
Checklist - Checklist Maintenance	TFPM_FA_SVR_COMM	REOPEN	Reopen Checklist Maintenance
Checklist - Checklist Maintenance	TFPM_FA_SVR_COMM	VIEW	View Checklist Maintenance
Checklist - Checklist Maintenance	TFPM_FA_SVR_COMM	DELETE	Delete Checklist Maintenance
Checklist - Checklist Linkage Maintenance	TFPM_FA_SVR_COMM	CREATE	Create Checklist Linkage Maintenance
Checklist - Checklist Linkage Maintenance	TFPM_FA_SVR_COMM	UNLOCK	Unlock Checklist Linkage Maintenance
Checklist - Checklist Linkage Maintenance	TFPM_FA_SVR_COMM	AUTHORIZE	Authorize Checklist Linkage Maintenance
Checklist - Checklist Linkage Maintenance	TFPM_FA_SVR_COMM	CLOSE	Close Checklist Linkage Maintenance
Checklist - Checklist Linkage Maintenance	TFPM_FA_SVR_COMM	REOPEN	Reopen Checklist Linkage Maintenance
Checklist - Checklist Linkage Maintenance	TFPM_FA_SVR_COMM	VIEW	View Checklist Linkage Maintenance
Checklist - Checklist Linkage Maintenance	TFPM_FA_SVR_COMM	DELETE	Delete Checklist Linkage Maintenance
Float Rate Maintenance	CMC_FA_FLOAT_RATE_NE W	CREATE	Create New Float Rate Record
Float Rate Maintenance	CMC_FA_FLOAT_RATE_AM END	UNLOCK	Unlock to Modifiy Float Rate Record



Screen Name	Functional Activity Codes	Action	Description
Float Rate Maintenance	CMC_FA_FLOAT_RATE_AUT HORIZE	AUTHORIZE	Authorize Float Rate Record
Float Rate Maintenance	CMC_FA_FLOAT_RATE_CL OSE	CLOSE	Close Float Rate Record
Float Rate Maintenance	CMC_FA_FLOAT_RATE_DEL ETE	DELETE	Delete Float Rate Record
Float Rate Maintenance	CMC_FA_FLOAT_RATE_RE OPEN	REOPEN	Reopen Closed Float Rate Record
Float Rate Maintenance	CMC_FA_FLOAT_RATE_VIE W	VIEW	View Float Rate Record
Float Rate Maintenance	CMC_FA_FLOAT_RATE_CO DE_LOV	LOV	Get Rate Code Details in LOV
Float Rate Maintenance	CMC_FA_FLOAT_RATE_PIC KUP	RATEPICKUP	Pickup Float Rate based on Data Related to Rate Code, Branch Code, Effective Date, Amount Slab etc
Currency Definition	CMC_FA_CURRENCY_DEF N_AMEND	UNLOCK	Modify Currency Definition
Currency Definition	CMC_FA_CURRENCY_DEF N_AUTHORIZE	AUTHORIZE	Authorize Currency Definition
Currency Definition	CMC_FA_CURRENCY_DEF N_CLOSE	CLOSE	Close Currency Definition
Currency Definition	CMC_FA_CURRENCY_DEF N_DELETE	DELETE	Delete Currency Definition
Currency Definition	CMC_FA_CURRENCY_DEF N_NEW	CREATE	Create Currency Definition
Currency Definition	CMC_FA_CURRENCY_DEF N_REOPEN	REOPEN	Reopen Currency Definition
Currency Definition	CMC_FA_CURRENCY_DEF N_VIEW	VIEW	View Currency Definition
Currency Definition	CMC_FA_CURRENCY_DEF N_VIEW_NEW	VIEW	View Currency Definition
Currency Pair Definition	CMC_FA_CURRENCY_PAIR _DEFN_AMEND	UNLOCK	Modify Currency Pair Definition
Currency Pair Definition	CMC_FA_CURRENCY_PAIR _DEFN_AUTHORIZE	AUTHORIZE	Authorize Currency Pair Definition
Currency Pair Definition	CMC_FA_CURRENCY_PAIR _DEFN_CLOSE	CLOSE	Close Currency Pair Definition
Currency Pair Definition	CMC_FA_CURRENCY_PAIR _DEFN_DELETE	DELETE	Delete Currency Pair Definition
Currency Pair Definition	CMC_FA_CURRENCY_PAIR _DEFN_NEW	CREATE	Create Currency Pair Definition
Currency Pair Definition	CMC_FA_CURRENCY_PAIR _DEFN_REOPEN	REOPEN	Reopen Currency Pair Definition

Table B-1 (Cont.) List of Functional Activity Code		Table B-1	(Cont.) List of Functional Activity Code
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Screen Name	Functional Activity Codes	Action	Description
Currency Pair Definition	CMC_FA_CURRENCY_PAIR _DEFN_VIEW	VIEW	View Currency Pair Definition
Currency Exchange Rate	CMC_FA_CURRENCY_RAT E_MASTER_AMEND	UNLOCK	Modify Currency Exchange Rate
Currency Exchange Rate	CMC_FA_CURRENCY_RAT E_MASTER_AUTHORIZE	AUTHORIZE	Authorize Currency Exchange Rate
Currency Exchange Rate	CMC_FA_CURRENCY_RAT E_MASTER_CLOSE	CLOSE	Close Currency Exchange Rate
Currency Exchange Rate	CMC_FA_CURRENCY_RAT E_MASTER_DELETE	DELETE	Delete Currency Exchange Rate
Currency Exchange Rate	CMC_FA_CURRENCY_RAT E_MASTER_NEW	CREATE	Create Currency Exchange Rate
Currency Exchange Rate	CMC_FA_CURRENCY_RAT E_MASTER_REOPEN	REOPEN	Reopen Currency Exchange Rate
Currency Exchange Rate	CMC_FA_CURRENCY_RAT E_MASTER_VIEW	VIEW	View Currency Exchange Rate
Currency Exchange Rate	CMC_FA_CURRENCY_RAT E_MASTER_NEW_SERVICE	CREATESER VICE	Create Currency Exchange Rate
Currency Exchange Rate	CMC_FA_CURRENCY_RAT E_MASTER_AMEND_SERVI CE	UNLOCKSER VICE	Modify Currency Exchange Rate
Currency Exchange Rate	CMC_FA_CURRENCY_RAT E_MASTER_SERVICE_CLO SE	CLOSESERVI CE	Close Currency Exchange Rate
Currency Exchange Rate	CMC_FA_CURRENCY_RAT E_MASTER_SERVICE_REO PEN	REOPENSER VICE	Reopen Currency Exchange Rate
Currency Exchange Rate	CMC_FA_CURRENCY_RAT E_PURGE_TO_HISTORY	PURGE	Purge To History
Currency Rate Type	CMC_FA_CURRENCY_RAT E_TYPE_AMEND	UNLOCK	Modify Currency Rate Type
Currency Rate Type	CMC_FA_CURRENCY_RAT E_TYPE_AUTHORIZE	AUTHORIZE	Authorize Currency Rate Type
Currency Rate Type	CMC_FA_CURRENCY_RAT E_TYPE_CLOSE	CLOSE	Close Currency Rate Type
Currency Rate Type	CMC_FA_CURRENCY_RAT E_TYPE_DELETE	DELETE	Delete Currency Rate Type
Currency Rate Type	CMC_FA_CURRENCY_RAT E_TYPE_NEW	CREATE	Create Currency Rate Type
Currency Rate Type	CMC_FA_CURRENCY_RAT E_TYPE_REOPEN	REOPEN	Reopen Currency Rate Type

Table B-1 (Cont.) List of Functional Activity Codes



Screen Name	Functional Activity Codes	Action	Description
Currency Rate Type	CMC_FA_CURRENCY_RAT E_TYPE_VIEW	VIEW	View Currency Rate Type
External Deposit Account	CMC_FA_EXTERNALDEPO SIT_REOPEN_RESOURCE	REOPENRES OURCE	Reopen External Deposit Account
External Deposit Account	CMC_FA_EXTERNALDEPO SIT_CREATE	CREATE	Create External Deposit Account
External Deposit Account	CMC_FA_EXTERNALDEPO SIT_SUMMARY	SUMMARY	Summary External Deposit Account
External Deposit Account	CMC_FA_EXTERNALDEPO SIT_UPDATE	UPDATE	Update External Deposit Account
External Deposit Account	CMC_FA_EXTERNALDEPO SIT_CLOSE	CLOSE	Close External Deposit Account
External Deposit Account	CMC_FA_EXTERNALDEPO SIT_FETCH_BY_RESOURC EID	FETCHBYRE SOURCEID	View External Deposit Account
External Deposit Account	CMC_FA_EXTERNALDEPO SIT_DELETE_RECORD	DELETE	Delete External Deposit Account
External Deposit Account	CMC_FA_EXTERNALDEPO SIT_VALIDATE_RECORD	VALIDATE	Validate External Deposit Account
External Deposit Account	CMC_FA_EXTERNALDEPO SIT_RESOURCE_AGGREG ATE	RESOURCEA GGREGATE	Retrieve Aggregate Data for External Deposit Account
External Deposit Account	CMC_FA_EXTERNALDEPO SIT_PERMITTED_ACTIONS	PERMITTED ACTIONS	External Deposit Account Entity Actions
External Deposit Account	CMC_FA_EXTERNALDEPO SIT_REMOVE_RESOURCEL OCK	REMOVERES OURCELOCK	Remove Lock of Resource for an External Deposit Account
External Deposit Account	CMC_FA_EXTERNALDEPO SIT_GET_RESOURCE_HIST	GETRESOUR CEHIST	Get Resource History for an External Deposit Account
External Deposit Account	CMC_FA_EXTERNALDEPO SIT_GET_UNAUTH_RESOU RCES	GETUNAUTH RESOURCES	Retrieve Unauthorized External Deposit Account
External Deposit Account	CMC_FA_EXTERNALDEPO SIT_AUTHORIZE	AUTHORIZE	Authorize External Deposit Account
External Deposit Account	CMC_FA_EXTERNALDEPO SIT_SUBMIT	SUBMIT	Submit External Deposit Account
External Virtual Account (API)	CMC_FA_EXT_VIRTUAL_AC COUNT_CREATE	CREATE	Create External Virtual Account



Screen Name	Functional Activity Codes	Action	Description
External Virtual Account (API)	CMC_FA_EXT_VIRTUAL_AC COUNT_MODIFY	MODIFY	Modify External Virtual Account
External Virtual Account (API)	CMC_FA_EXT_VIRTUAL_AC COUNT_GETBYNATURALK EY	GET BY NATURAL KEY	Retrieve a Specific External Virtual Account
External Virtual Account (API)	CMC_FA_EXT_VIRTUAL_AC COUNT_VIEWALL	GET ALL	Retrieve all External Virtual Accounts
External Virtual Account (API)	CMC_FA_EXT_VIRTUAL_AC COUNT_CLOSE	CLOSE	Close an External Virtual Account
External Virtual Account (API)	CMC_FA_EXT_VIRTUAL_AC COUNT_REOPEN	REOPEN	Reopen a Closed External Virtual Account
External Virtual Account Structured Address (API)	CMC_FA_EXT_VA_SERVICE _STR_ADDR_NEW	CREATE	Create structured address for an external virtual account
External Virtual Account Structured Address (API)	CMC_FA_EXT_VA_SERVICE _STR_ADDR_AMEND	MODIFY	Modify Structured Address of External Virtual aAccount
External Virtual Account Structured Address (API)	CMC_FA_EXT_VA_SERVICE _STR_ADDR_VIEWALL	GET ALL	Summary View
External Virtual Account Structured Address (API)	CMC_FA_EXT_VA_SERVICE _STR_ADDR_VIEW	GET BY NATURAL KEY	Specific Virtual Account's Structured Address View
External Virtual Account Structured Address (API)	CMC_FA_EXT_VA_SERVICE _STR_ADDR_CLOSE	CLOSE	Closing Structured Address of a Specific Virtual Account
External Virtual Account Structured Address (API)	CMC_FA_EXT_VA_SERVICE _STR_ADDR_REOPEN	REOPEN	Reopen Structured Address of Virtual Account

Table B-1	(Cont.) List of Functional Activity (Codes



Table B-1	(Cont.)	List of Functional	Activity Codes

Screen Name	Functional Activity Codes	Action	Description
GL Parameter	CMC_FA_MIS_PARAMETER _NEW	CREATE	Create GL Parameters
GL Parameter	CMC_FA_MIS_PARAMETER _VIEW	GET ALL	Get All GL Parameters
GL Parameter	CMC_FA_MIS_PARAMETER _AUTHORIZE	AUTHORIZE	Authorize GL Parameters
GL Parameter	CMC_FA_MIS_PARAMETER _CLOSE	CLOSE	Close GL Parameters
GL Parameter	CMC_FA_MIS_PARAMETER _REOPEN	REOPEN	Reopen GL Parameters
GL Parameter	CMC_FA_MIS_PARAMETER _AMEND	MODIFY	Modify GL Parameters
GL Parameter	CMC_FA_MIS_PARAMETER _DELETE	DELETE	Delete GL Parameters
Inter Branch Parameters	CMC_FA_INTERBRANCH_N EW	CREATE	Create Inter Branch Parameters
Inter Branch Parameters	CMC_FA_INTERBRANCH_VI EW	GET ALL	Get All Inter Branch Parameters
Inter Branch Parameters	CMC_FA_INTERBRANCH_A UTHORIZE	AUTHORIZE	Authorize Inter Branch Parameters
Inter Branch Parameters	CMC_FA_INTERBRANCH_C LOSE	CLOSE	Close Inter Branch Parameters
Inter Branch Parameters	CMC_FA_INTERBRANCH_R EOPEN	REOPEN	Reopen Inter Branch Parameters
Inter Branch Parameters	CMC_FA_INTERBRANCH_A MEND	MODIFY	Modify Inter Branch Parameters
Inter Branch Parameters	CMC_FA_INTERBRANCH_D ELETE	DELETE	Delete Inter Branch Parameters
External System Services (ECA System APIs)	CMC_FA_ECA_SYSTEM_AU THORIZE	AUTHORIZE	Authorize ECA System
External System Services (ECA System APIs)	CMC_FA_ECA_SYSTEM_CL OSE	CLOSE	Close ECA System
External System Services (ECA System APIs)	CMC_FA_ECA_SYSTEM_CR EATE	CREATE	Create ECA System
External System Services (ECA System APIs)	CMC_FA_ECA_SYSTEM_DE LETE	DELETE	Delete ECA System

Table B-1 (Cont.) List of Functional Activity Codes	
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Screen Name	Functional Activity Codes	Action	Description
External System Services (ECA System APIs)	CMC_FA_ECA_SYSTEM_LO V	LOV	ECA System LOV
External System Services (ECA System APIs)	CMC_FA_ECA_SYSTEM_M ODIFY	MODIFY	Modify ECA System
External System Services (ECA System APIs)	CMC_FA_ECA_SYSTEM_RE OPEN	REOPEN	Reopen ECA System
External System Services (ECA System APIs)	CMC_FA_ECA_SYSTEM_VI EW	VIEW	View ECA System
External System Services (Upload Source APIs)	CMC_FA_UPLOAD_SOURC E_AMEND	AMEND	Amend Upload Source
External System Services (Upload Source APIs)	CMC_FA_UPLOAD_SOURC E_AUTHORIZE	AUTHORIZE	Authorize Upload Source
External System Services (Upload Source APIs)	CMC_FA_UPLOAD_SOURC E_CLOSE	CLOSE	Close Upload Source
External System Services (Upload Source APIs)	CMC_FA_UPLOAD_SOURC E_DELETE	DELETE	Delete Upload Source
External System Services (Upload Source APIs)	CMC_FA_UPLOAD_SOURC E_NEW	NEW	Create Upload Source
External System Services (Upload Source APIs)	CMC_FA_UPLOAD_SOURC E_VIEW	VIEW	View Upload Source

Screen Name	Functional Activity Codes	Action	Description
External System Services (Upload Source Preference APIs)	CMC_FA_UPLOAD_SOURC E_PREF_AMEND	AMEND	Amend Upload Source Preference
External System Services (Upload Source Preference APIs)	CMC_FA_UPLOAD_SOURC E_PREF_AUTHORIZE	AUTHORIZE	Authorize Upload Source Preference
External System Services (Upload Source Preference APIs)	CMC_FA_UPLOAD_SOURC E_PREF_CLOSE	CLOSE	Close Upload Source Preference
External System Services (Upload Source Preference APIs)	CMC_FA_UPLOAD_SOURC E_PREF_DELETE	DELETE	Delete Upload Source Preference
External System Services (Upload Source Preference APIs)	CMC_FA_UPLOAD_SOURC E_PREF_NEW	NEW	Create New Upload Source Preference
External System Services (Upload Source Preference APIs)	CMC_FA_UPLOAD_SOURC E_PREF_REOPEN	REOPEN	Reopen Upload Source Preference
External System Services (Upload Source Preference APIs)	CMC_FA_UPLOAD_SOURC E_PREF_VIEW	VIEW	View Upload Source Preference
Additional Attributes	CMC_MENU_FA_ADDNL_FI ELDS_MAINT	MENU	Additional Fields Maintenance
SLA Maintenance	CMC_FA_SLA_MAINT	CREATE	Create SLA
SLA Maintenance	CMN_WDFA_DASHBOARD_ DEF	DASHBOARD	Service for SLA Breach

Table B-1 (Cont.) List of Functional Activity Codes



Screen Name	Functional Activity Codes	Action	Description
Data Segment	CFPM_FA_DATA_SEGMENT _AMEND	MODIFY	API to Modify Data Segment Details
Data Segment	CFPM_FA_DATA_SEGMENT _AUTHORIZE	AUTHORIZE	API to Authorize Data Segment Details
Data Segment	CFPM_FA_DATA_SEGMENT _AUTHQUERY	VERIFY	API to Authquery Data Segment Details
Data Segment	CFPM_FA_DATA_SEGMENT _CLOSE	CLOSE	API to Close Data Segment Details
Data Segment	CFPM_FA_DATA_SEGMENT _DELETE	DELETE	API to Delete New Data Segment Details
Data Segment	CFPM_FA_DATA_SEGMENT _GETBY_DATA_SEGCODE	SAVE	API to Save New Data Segment Details
Data Segment	CFPM_FA_DATA_SEGMENT _GETBY_DOMAIN	FETCH	API to Get Data Segment List by Domain Name
Data Segment	CFPM_FA_DATA_SEGMENT _GETDSLIBYDOM	FETCH	API to Get Data Segment Details List by Domain Name
Data Segment	CFPM_FA_DATA_SEGMENT _NEW	SAVE	API to Save New Data Segment Details
Data Segment	CFPM_FA_DATA_SEGMENT _REOPEN	REOPEN	API to Reopen Data Segment Details
Data Segment	CFPM_FA_DATA_SEGMENT _VIEW	FETCH	API to View Data Segment Details
Data Segment	CFPM_FA_DATA_SEGMENT _VIEWALL	FETCH	API to Get all Data Segment Details
Data Segment	CFPM_FA_DATA_SEGMENT _GETBY_SUBDOMAIN	FETCH	API to Get Data Segment List by Domain Name Categorized by Subdomains
BIC Directory	CMC_FA_BIC_DIRECTORY_ AUTHORIZE	AUTHORIZE	BIC Directory Authorize
BIC Directory	CMC_FA_BIC_DIRECTORY_ CLOSE	CLOSE	BIC Directory Close
BIC Directory	CMC_FA_BIC_DIRECTORY_ CREATE	CREATE	BIC Directory Create
BIC Directory	CMC_FA_BIC_DIRECTORY_ DELETE	DELETE	BIC Directory Delete
BIC Directory	CMC_FA_BIC_DIRECTORY_ LOV	VALIDATION	BIC Directory Lov Validation
BIC Directory	CMC_FA_BIC_DIRECTORY_ MODIFY	UPDATE	BIC Directory Amendment
BIC Directory	CMC_FA_BIC_DIRECTORY_ REOPEN	REOPEN	BIC Directory Reopen
BIC Directory	CMC_FA_BIC_DIRECTORY_ VIEW	FETCH	BIC Directory View
BIC Directory	CMC_FA_BIC_DIRECTORY_ CREATE_SERVICE	CREATE	BIC Directory Create Service
BIC Directory	CMC_FA_BIC_DIRECTORY_ MODIFY_SERVICE	UPDATE	BIC Directory Amendment Service

 Table B-1
 (Cont.) List of Functional Activity Codes



Screen Name	Functional Activity Codes	Action	Description
BIC Directory	CMC_FA_BIC_DIRECTORY_ REOPEN_SERVICE	REOPEN	BIC Directory Reopen Service
BIC Directory	CMC_FA_BIC_DIRECTORY_ CLOSE_SERVICE	CLOSE	BIC Directory Close Service
BIC Directory	CMC_FA_BIC_DIRECTORY_ VIEW_SERVICE	FETCH	BIC Directory ViewAll Service
BIC Directory	CMC_FA_BIC_DIRECTORY_ AUTHORIZE	REJECT	BIC Directory Rejection API
Checklist	CFPM_FA_CHECKLIST_CR EATE	CREATE	Checklist Create
Checklist	CFPM_FA_CHECKLIST_DEL ETE	DELETE	Checklist Submit
Checklist	CFPM_FA_CHECKLIST_FIN AL_GET	FETCH	Checklist Latest Get
Checklist	CFPM_FA_CHECKLIST_ID_ GET	FETCH	Checklist Get By ID
Checklist	CFPM_FA_CHECKLIST_SU BMIT	SUBMIT	Checklist Submit
Checklist	CFPM_FA_CHECKLIST_UP DATE	UPDATE	Checklist Update
Checklist	CMC_FA_CHECKLIST_GET _BY_ID	FETCH	Fetch Checklist Details by ID
Checklist	CMC_FA_CHECKLIST_GET _FINAL	FETCH	Fetch submitted Checklist Details by ID
Process Code	TFPM_FA_CMC_PRCODE_ MA_AUTHORIZE	AUTHORIZE	Authorize Process Code
Process Code	TFPM_FA_CMC_PRCODE_ MA_CLOSE	CLOSE	Close Process Code
Process Code	TFPM_FA_CMC_PRCODE_ MA_CREATE	CREATE	Create Process Code
Process Code	TFPM_FA_CMC_PRCODE_ MA_DELETE	DELETE	Delete Process Code
Process Code	TFPM_FA_CMC_PRCODE_ MA_LOV	VALIDATION	Validate Process Code
Process Code	TFPM_FA_CMC_PRCODE_ MA_MODIFY	UPDATE	Update Process Code
Process Code	TFPM_FA_CMC_PRCODE_ MA_REOPEN	REOPEN	Reopen Process Code
Process Code	TFPM_FA_CMC_PRCODE_ MA_VIEW	FETCH	View Process Code
Process Code	CMC_FA_PROCESSCODE_ PHASES	FETCH	Fetch Process Code
Process Code	TFPM_FA_CMC_PRCODE_ MA_AUTHORIZE	REJECT	Rejection API
cmc-ml-indb- services	CMC_FA_ML_TS_USECASE _MODIFY	UNLOCK	Modifies Specific Usecase Setting
cmc-ml-indb- services	CMC_FA_ML_TS_USECASE _GETBYID	VIEW	Fetches Specific Usecase Setting

Table B-1 (Cont.) List of Functional Activity Codes



Screen Name	Functional Activity Codes	Action	Description
cmc-ml-indb-	CMC_FA_ML_TS_USECASE	GETSUMMA	Fetches All Usecase Settings
services	_GETALL	RY	
cmc-ml-indb- services	CMC_FA_ML_TS_USECASE _DELETE	DELETE	Deletes Specific Usecase Setting
cmc-ml-indb- services	CMC_FA_ML_TS_USECASE _AUTHORIZE	AUTHORIZE	Approves Usecase Setting Record
cmc-ml-indb-	CMC_FA_ML_TS_USECASE	GETUNAUTH	Fetches Unauthorized Data of Specific Usecase Setting
services	_UNAUTHORIZE	RESOURCES	
cmc-ml-indb- services	CMC_FA_ML_TS_USECASE _CLOSE	CLOSE	Closes Usecase Setting Record
cmc-ml-indb- services	CMC_FA_ML_TS_USECASE _GETHISTORY	HISTORY	Fetches History of Specific Usecase Setting
cmc-ml-indb- services	CMC_FA_ML_TS_USECASE _REOPEN	REOPEN	Reopen Usecase Setting Record
cmc-ml-indb- services	CMC_FA_ML_TS_USECASE _CREATE	CREATE	Saves New Usecase Setting
cmc-ml-indb-	CMC_FA_ML_TS_USECASE	GETDATACO	Fetches Data Columns
services	_FETCH_DATACOLUMNS	LUMNS	
cmc-ml-indb-	CMC_FA_ML_TS_USECASE	GETMETRIC	Metrics of Specific Usecase
services	_METRIC	S	
cmc-ml-indb- services	CMC_FA_ML_TS_USECASE _FETCH_MINING_FUNCTIO NS	GETUSECAS ETYPES	Fetches Supported Mining Functions
cmc-ml-indb- services	CMC_FA_ML_TS_USECASE _FETCH_ALGORITHMS	GETSUPPOR TEDALGORI THMS	Fetches Algorithms Supported by Mining Functions
cmc-ml-indb-	CMC_FA_ML_TS_USECASE	GETPRODU	Fetches Preconfigured Obma Prodcuts
services	_FETCH_PRODUCTS	CTLIST	
cmc-ml-indb-	CMC_FA_ML_TS_MODEL_T	TRAINMODE	Trains The Model For Specified Usecase
services	RAIN	L	
cmc-ml-indb-	CMC_FA_ML_TS_MODEL_B	BATCHSCOR	Score The Model For Specified Usecase
services	ATCH_SCORING	E	
cmc-ml-indb-	CMC_FA_ML_CORRELATIO	CORRELATI	Perform Correlation
services	N	ON	
cmc-ml-indb-	CMC_FA_ML_POSITIVE_TA	GETPOSITIV	Get Positive Target Value
services	RGET	ETARGET	
cmc-ml-indb-	CMC_FA_ML_COST_MATRI	GETCOSTMA	Fetch Cost Matrix
services	X	TRIX	
cmc-ml-indb-	CMC_FA_ML_SAVE_COST_	SAVECOSTM	Save Cost Matrix
services	MATRIX	ATRIX	
cmc-ml-indb- services	CMC_FA_ML_TS_USECASE _MONITORING	GETMODEL MONITORIN G	Model Monitoring
cmc-ml-indb- services	CMC_FA_ML_TS_USECASE _MONITORING_DETAILS	GETMODEL MONITORIN GDETAILS	Model Monitoring Details
cmc-ml-indb-	CMC_FA_ML_TS_USECASE	GETAUTOMO	Save Model Monitoring Automod
services	_SAVE_AUTOMOD	DDETAILS	

 Table B-1
 (Cont.) List of Functional Activity Codes



Screen Name	Functional Activity Codes	Action	Description
cmc-ml-indb- services	CMC_FA_ML_TS_USECASE _GET_AUTOMOD	SAVEAUTOM ODS	Get Model Monitoring Automod
cmc-ml-indb- services	CMC_FA_ML_TS_USECASE _TRAIN_INF_CHECK	TRAININFCH ECK	Check Train And Inference Data Source
cmc-ml-indb- services	CMC_FA_ML_TS_USECASE _METRIC_PARTITIONCOLU MNS	GetPartitionC olumns	Partition Columns for Metrics of specific usecase
cmc-ml-indb- services	CMC_FA_ML_TS_USECASE _METRICMODELS	GetModelMetr ics	Metrics Models of specific usecase
cmc-ml-indb- services	CMC_FA_MLCORE_TS_MO DEL_TRAIN	TrainModel	Trains the model for specified usecase in core
cmc-ml-indb- services	CMC_FA_MLCORE_TS_MO DEL_BATCH_SCORING	BatchScore	Trains the model for specified usecase in core
cmc-ml-indb- services	CMC_FA_MLCORE_CORRE	Correlation	Perform Correlation in core
cmc-ml-indb- services	CMC_FA_MLCORE_POSITI VE_TARGET	GetPositiveTa rget	Get Positive target value in core
cmc-ml-indb- services	CMC_FA_MLCORE_COST_ MATRIX	GetCostMatri x	Fetch Cost Matrix in core
cmc-ml-indb- services	CMC_FA_MLCORE_SAVE_C OST_MATRIX	SaveCostMatr ix	Save Cost Matrix in core
cmc-ml-indb- services	CMC_FA_MLCORE_TS_USE CASE_FETCH_DATACOLUM NS	GetDataColu mns	Fetches Data Columns in core
cmc-ml-indb- services	CMC_FA_MLCORE_TS_USE CASE_METRICMODELS	GetModelMetr ics	Metrics Models of specific usecase in core
cmc-ml-indb- services	CMC_FA_MLCORE_TS_USE CASE_METRIC_PARTITION COLUMNS	GetPartitionC olumns	Partition Columns for Metrics of specific usecase in core
cmc-ml-indb- services	CMC_FA_MLCORE_TS_USE CASE_METRIC	GetMetrics	Metrics of specific usecase in core
cmc-ml-indb- services	CMC_FA_MLCORE_TS_USE CASE_MONITORING	GetModelMon itoring	Model Monitoring in core
cmc-ml-indb- services	CMC_FA_MLCORE_TS_USE CASE_MONITORINGDETAIL S	GetModelMon itoringDetails	Model Monitoring Details in core
cmc-ml-indb- services	CMC_FA_MLCORE_TS_USE CASE_SAVEAUTOMOD	SaveAutomod s	Save Model Monitoring Automod in core
cmc-ml-indb- services	CMC_FA_MLCORE_TS_USE CASE_TRAININFCHECK	TrainInfCheck	Check Train and Inf table in core
cmc-ml-indb- services	CMC_FA_MLCORE_TS_USE CASE_GETAUTOMOD	GetAutomodD etails	Get Model Monitoring Automod in core
cmc-fc-ai-ml- services	CMC_FA_POLLER_FLAG	SETPOLLER FLAG	Sets the pollar flag
cmc-nlp-text- extraction- services	CMC_NLP_FA_TEXT_EXTR ACTION_PROCESS	PROCESSFIL E	Text Extraction Process

 Table B-1
 (Cont.) List of Functional Activity Codes



Screen Name	Functional Activity Codes	Action	Description
cmc-nlp- maintenance -services	CMC_NLP_FA_MOD_MNGM NT_GET	GETALL	Model Management Get all
cmc-nlp- maintenance -services	CMC_NLP_FA_MOD_MNGM NT_GETBY_ID	GETBYID	Model Management Getting By ID
cmc-nlp- maintenance -services	CMC_NLP_FA_MOD_MNGM NT_POST	SAVERECOR D	Model Management Saving
cmc-nlp- maintenance -services	CMC_NLP_FA_MOD_MNGM NT_AUTHORIZE	AUTHORIZE	Model Management Authorize
cmc-nlp- maintenance -services	CMC_NLP_FA_MOD_MNGM NT_AUTHQUERY	AUTHQUERY	Model Management Auth
cmc-nlp- maintenance -services	CMC_NLP_FA_MOD_MNGM NT_CLOSE	CLOSERECO RD	Model Management Close
cmc-nlp- maintenance -services	CMC_NLP_FA_MOD_MNGM NT_DELETE	DELETE	Model Management Delete
cmc-nlp- maintenance -services	CMC_NLP_FA_MOD_MNGM NT_HISTORY	GETHISTOR Y	Model Management History
cmc-nlp- maintenance -services	CMC_NLP_FA_MOD_MNGM NT_REOPEN	REOPENREC ORD	Model Management Open Record
cmc-nlp- maintenance -services	CMC_NLP_FA_MOD_MNGM NT_TAGPARAMS	TAGPARAMS	Model Management Tag Parameters
cmc-nlp- maintenance -services	CMC_NLP_FA_ANNOTATOR _ERROR_DATA	FETCHERRO RDATA	Annotator service to return Doc id and file name for Error status
cmc-nlp- maintenance -services	CMC_NLP_FA_ANNOTATOR _CLASS_FILE	UPLOADCLA SSFILE	Annotator service to save classification file
cmc-nlp- maintenance -services	CMC_NLP_FA_ANNOTATOR _ANNOTATED_FILE	UPLOADANN OTATEDFILE	Annotator service to save annotated file
cmc-nlp- maintenance -services	CMC_NLP_FA_MOD_MNGM NT_PUT	MODIFYREC ORD	Model_Management Modifying
cmc-nlp- maintenance -services	CMC_NLP_FA_ONL_PRCSN G_PROCESS	PROCESSFIL E	Online Processing Process File
cmc-nlp- maintenance -services	CMC_NLP_FA_ONL_PRCSN G_TRAIN	TRAINMODE L	Online Processing Model Train
cmc-nlp- maintenance -services	CMC_NLP_FA_ONL_PRCSN G_SAVE	SAVEMODEL	Online Processing Model Save
cmc-nlp- maintenance -services	CMC_NLP_FA_ONL_PRCSN G_SERV	PROCESSFIL E	Online Processing Process File

 Table B-1
 (Cont.) List of Functional Activity Codes



Screen Name	Functional Activity Codes	Action	Description
cmc-nlp- maintenance -services	CMC_NLP_FA_TAG_CREATI ON_GET	GETALL	Tag Creation Get all
cmc-nlp- maintenance -services	CMC_NLP_FA_TAG_CREATI ON_GETBY_ID	GETBYID	Tag Creation Getting By ID
cmc-nlp- maintenance -services	CMC_NLP_FA_TAG_CREATI ON_POST	SAVERECOR D	Tag Creation Saving
cmc-nlp- maintenance -services	CMC_NLP_FA_TAG_CREATI ON_PUT	MODIFYREC ORD	Tag Creation Modifying
cmc-nlp- maintenance -services	CMC_NLP_FA_TAG_CREATI ON_AUTHORIZE	AUTHORIZE	Tag Creation Authorize
cmc-nlp- maintenance -services	CMC_NLP_FA_TAG_CREATI ON_AUTHQUERY	AUTHQUERY	Tag Creation Auth
cmc-nlp- maintenance -services	CMC_NLP_FA_TAG_CREATI ON_CLOSE	CLOSERECO RD	Tag Creation Close
cmc-nlp- maintenance -services	CMC_NLP_FA_TAG_CREATI ON_DELETE	DELETE	Tag Creation Delete
cmc-nlp- maintenance -services	CMC_NLP_FA_TAG_CREATI ON_HISTORY	GETHISTOR Y	Tag Creation History
cmc-nlp- maintenance -services	CMC_NLP_FA_TAG_CREATI ON_REOPEN	REOPENREC ORD	Tag Creation Open Record
cmc-nlp- maintenance -services	CMC_NLP_FA_TXN_LOG_U PDATE	UPDATETXN LOG	Transaction Log Update Service
cmc-nlp- maintenance -services	CMC_NLP_FA_TXN_LOG_F ETCH_LOGDATA	FETCHLOGT ABLEDATA	Transaction Log Fetch Log Data Service
cmc-nlp- maintenance -services	CMC_NLP_FA_TXN_LOG_F ETCH_TAGVALS	FETCHTAGV ALS	Transaction Log Fetch Tag values Service
cmc-nlp- maintenance -services	CMC_NLP_FA_UTIL_USECA SES	GETUSECAS ES	UTIL Service usecasenames
cmc-nlp- maintenance -services	CMC_NLP_FA_UTIL_TAGS	GETTAGS	UTIL Service tags
cmc-nlp- maintenance -services	CMC_NLP_FA_MODMNGMN T_GET_RUNREF	GETRUNREF S	Get Run Reference By Usecase
cmc-nlp- maintenance -services	CMC_NLP_FA_MODMNGMN T_EXPORT_MODEL	EXPORTMO DEL	Export NLP Models
cmc-nlp- maintenance -services	CMC_NLP_FA_MODMNGMN T_IMPORT_MODEL	IMPORTMOD EL	Import NLP Models



Screen Name	Functional Activity Codes	Action	Description
cmc-nlp- maintenance -services	CMC_NLP_FA_ANNOTATOR _GET_FILE_BY_ID	GETFILEBYI D	Get File IDs
cmc-nlp- maintenance -services	CMC_NLP_FA_ANNOTATOR _GET_FILE_IDS	GETFILEIDS	Get File IDs
cmc-nlp- maintenance -services	CMC_NLP_FA_MOD_MNGM NT_AUTHORIZE	REJECT	Rejection API
cmc-nlp- maintenance -services	CMC_NLP_FA_TAG_CREATI ON_AUTHORIZE	REJECT	Rejection API

Table B-1 (Cont.) List of Functional Activity Codes



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