# Oracle® Banking Virtual Account Management Identifier User Guide



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Oracle Banking Virtual Account Management Identifier User Guide, Release 14.6.0.0.0

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## Preface

#### Purpose

This guide is designed to help you quickly get acquainted with the identifier based virtual accounts functions of Oracle Banking Virtual Account Management.

#### Audience

This guide is intended for Back Office Data Entry Clerk, Back Office Managers/Officers, Product Managers, End of Day Operators, and Financial Controller users.

#### Acronyms and Abbreviations

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

Table 1	Acronyms and Abbreviations
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Abbreviation	Description
IBAN	International Bank Account Number
MCA	Multi-Currency Account

#### **List of Topics**

This guide is organized as follows:

#### Table 2 List of Topics

Topics	Description
Introduction	This topic provides the information the identifier based virtual accounts.
Remittance List	This topic provides the information to configure and maintain remittance lists for a customer.
Corporate Specific Rules	This topic provides the information to configure corporate specific rules to validate the virtual account and its transactions.
Multi-Currencies Identifier Mapping	This topic provides the information to map multi-currencies virtual identifiers for a customer and its accounts based on the transaction currency.
Remittance Details	This topic provides the information to configure and maintain the remittance details for a corporate identifier.

#### Symbols and Icons

The following buttons are used in the screens:



Symbol/Icon	Function
×	Minimize
××	Maximize
×	Close
Q	Perform Search
•	Open a list
+	Add a new record
К	Navigate to the first record
К	Navigate to the last record
<	Navigate to the previous record
>	Navigate to the next record
	Grid view
	List view
С	Refresh
+	Click this icon to add a new row.

Table 3 Symbols and Icons - Comm	on
----------------------------------	----



#### Table 3 (Cont.) Symbols and Icons - Common

Symbol/Icon	Function
-	Click this icon to delete a row, which is already added.
	Calendar
<b>Å</b>	Alerts

#### Table 4 Symbols and Icons – Audit Details

Symbol/Icon	Function
Ň	A user
	Date and time
•	Unauthorized or Closed status
	Authorized or Open status

#### Table 5 Symbols and Icons - Widget

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



#### **Basic Actions**

This topic describes about basic actions of the screens that contain buttons to perform the basic actions.

Action	Description
Approve	Used to approve the initiated report.
	This button is displayed, once the user click Authorize.
Audit	Used to view the maker details, checker details, and report status.
Authorize	Used to authorize the report created.
	A maker of the screen is not allowed to authorize the report. Only a checker can authorize a report, created by a maker.
Close	Used to close a record.
	This action is available only when a record is created.
Confirm	Used to confirm the performed action.
Cancel	Used to cancel the performed action.
Compare	Used to view the comparison through the field values of old record and the current record.
	This button is displayed in the widget, once the user click <b>Authorize</b> .
Collapse All	Used to hide the details in the sections.
	This button is displayed, once the user click <b>Compare</b> .
Expand All	Used to expand and view all the details in the sections. This button is displayed, once the user click <b>Compare</b> .
New	Used to add a new record. When the user click <b>New</b> , the system displays a new record enabling to specify the required data.
	Note: The fields which are marked with asterisk aremandatory.
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 <b>Authorize</b> .
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 <b>Compare</b> .
Unlock	Used to update the details of an existing record.
	System displays an existing record in editable mode.

Table 6Basic Actions



#### **Related Documents**

The related documents are as follows:

- Oracle Banking Security Management System User Guide
- Oracle Banking Common Core User Guide
- Oracle Banking Getting Started User Guide
- Overview User Guide
- Charges User Guide
- Customer and Accounts User Guide
- Configuration User Guide
- Transactions User Guide
- Oracle Banking Virtual Account Management Installation Guides



# 1 Introduction

This topic provides the information about the identifier based virtual accounts.

The identifier based virtual accounts are used for one-time payments such as utility payments, payments of visa fees, application fees for schools and universities. The main purpose of such virtual accounts is an effective and automated reconciliation of such receivables by the receiving entities. Such accounts generally consist of two parts, they are Corporate Identifier and Remittance Identifier.

Corporate Identifiers are provided by the bank to their corporate customers to uniquely identify corporates. The corporates have the flexibility to add the second part of the account number that is, Remittance ID based on their requirement. Accounts formed in this manner can be used for receiving payments into the corporate account.



# 2 Remittance List

This topic provides the information to configure and maintain Remittance List for a customer.

This topic contains the following subtopics:

- Create Remittance List
   This topic describes the systematic instructions to configure the remittance list.
- View Remittance List This topic describes the systematic instructions to view a list of configured remittance list.

## 2.1 Create Remittance List

This topic describes the systematic instructions to configure the remittance list.

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

- 1. On Home Screen, click Virtual Account Management. Under Virtual Account Management , click Identifier.
- 2. Under Identifier, click Remittance List. Under Remittance List, click Create Remittance List.

The Create Remittance List screen displays.

stomer Number *		Customer Name	Remittance List ID *	Remittance List Description	
	0	No Customer Selected			

Figure 2-1 Create Remittance List

3. On Create Remittance List screen, specify the fields.



The fields, which are marked with an asterisk, are mandatory.



Field	Description
Customer Number	Click <b>Search</b> icon to view and select the required real customer number.
Customer Name	Based on the Customer Number selected, the information is auto-populated.
Remittance List ID	Specify an ID to uniquely identify the remittance list.
Remittance List Description	Specify additional information about the remittance list ID.

#### Table 2-1 Create Remittance List - Field Description

4. Click Save to save the details.

The user can view the configured remittance list ID details in the View Remittance List.

#### Note:

After configuring the remittance list ID, the user can configure the rules for a customer using the **Corporate Specific Rules**.

## 2.2 View Remittance List

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

The user can configure the remittance list using Create Remittance List.

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

- 1. On Home Screen, click Virtual Account Management. Under Virtual Account Management , click Identifier.
- 2. Under Identifier, click Remittance List. Under Remittance List, click View Remittance List.

The View Remittance List screen displays.

# Year Remittance List 10: Immittance List

#### Figure 2-2 View Remittance List



Field	Description
Remittance List ID	Displays the remittance list ID.
Customer Number	Displays the customer number associated with the remittance list ID.
Authorized Status	Displays the authorization status of the report. The options are: • Authorized • Unauthorized
Record Status	Displays the record status of the report. The options are: • Open • Close

#### Table 2-2 View Remittance List - Field Description



# 3 Corporate Specific Rule

This topic provides the information to configure Corporate Specific Rule to validate the virtual account and its transactions.

The **Corporate Specific Rule** helps to validate the incoming virtual account and its transaction as per the corporate specific validation requirements.

This topic contains the following subtopics:

- Create Corporate Specific Rule
   This topic describes the systemetic instructions to configure corporate specific rules to
   validate the virtual account and its transactions.
- View Corporate Specific Rule This topic describes the systemetic instructions to view a list of configured corporate specific rules.

## 3.1 Create Corporate Specific Rule

This topic describes the systemetic instructions to configure corporate specific rules to validate the virtual account and its transactions.

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

- 1. On Home Screen, click Virtual Account Management. Under Virtual Account Management , click Identifier.
- 2. Under Identifier, click Corporate Specific Rule. Under Corporate Specific Rule, click Create Corporate Specific Rule.

The Create Corporate Specific Rule screen displays.



Create Corporate Specific Rule				2
Customer Number *	Customer Name No Customer Selected		Validation Rule ID *	Rule Description
Virtual Account Length				
Minimum Length *			Maximum Length *	
Remittance ID Range				
Start Number			End Number	
Remittance List				
Remittance ID List				
Collection Period				
Date Range Apr 7, 2018 i \leftrightarrow Apr 7, 2018 iii Date Format V	Start Time Start Position		End Time	End Date Part of Account Number
Checksum Algorithm				
Check digit Position	Checksum Algorithm	v	Include Transaction Amount	
Transaction Amount Range				
			•	
Currency	From Amount	To Amount	Action	
No data to display. Page 1 (0 of 0 items) K < 1	К <			
Preferences				
Reporting Preferences *	Prefix/Suffix		Failure Action *	Exception Suffix
				Save Cancel

#### Figure 3-1 Create Corporate Specific Rule

3. On Create Corporate Specific Rule screen, specify the fields.



The fields, which are marked with an asterisk, are mandatory.

 Table 3-1
 Create Corporate Specific Rule - Field Description

Field	Description
Customer Number	Click <b>Search</b> icon to view and select the required customer number.
Customer Name	Based on the Customer Number selected, the information is auto-populated.
Validation Rule ID	Click <b>Search</b> to view and select the required validation rule ID.



Field	Description	
Rule Description	Specify the additional information about the corporate specific rule.	
Minimum Length	Specify a minimum number of characters for the account number.	
Maximum Length	Specify a maximum number of characters for the account number.	
Start Number	Specify a start number for the remittance ID range.	
End Number	Specify a end number for the remittance ID range.	
Remittance ID List	Click <b>Search</b> icon to view and select the required remittance list.	
	Note: The user can configure the required remittance list ID using the Create Remittance List	
Date Range	Select the start and end date for the collections from the drop- down calendar.	
Start Time	Specify a start time for the collection.	
End Time	Specify a stop time for the collection.	
End Date Part of Account Number	By default, it is disabled. If enabled, the collection end date is expected to be part of the account number. If disabled, the account number appears as it is.	
Date Format	Select a date format from the drop-down list, if the collection end date is part of the account number.	
Start Position	Select a start position of the date, if the collection end date is part of account number.	
Check digit Position	Specify a checkdigit position.	
Checksum Algorithm	<ul> <li>Select the one of the checksum algorithm from the drop-down list.</li> <li>Modulo 97: If selected, can have only numeric account mask.</li> <li>Modulo 10: If selected, can have mask of length 10.</li> <li>Modulo 11: If selected, can have either numeric or alphanumeric account mask. In case of numeric, D is appended to the account mask by the system and in case of alpha numeric, user must manually input D at the end of the mask.</li> <li>Modulo 11: With weights this can have mask with size no more than 13.</li> </ul>	
Include Transaction Amount	By default, it is disabled.	
	If enabled, the transaction amount must be included in the checksum calculation. If disabled, the transaction amount is not included and displays the amount as it is.	
Currency	Click Search icon to view and select the required currency.	
From Amount	Enter the start range for the transaction amount.	

#### Table 3-1 (Cont.) Create Corporate Specific Rule - Field Description



Field	Description	
To Amount Reporting Preferences	<ul> <li>Enter the end range for the transaction amount.</li> <li>Select the one of the following preferences for reporting from the drop-down list: <ul> <li>Virtual Account Number: If selected, the virtual account number is reported with the transaction.</li> <li>Remitter ID: If selected, the remittance ID is reported with the transaction.</li> <li>Virtual Account No-Prefix: If selected, the virtual account number with a specified prefix is reported with transaction.</li> <li>Virtual Account No-Suffix: If selected, the virtual account number with a specified suffix is reported with transaction.</li> <li>Virtual Account No-Suffix: If selected, the virtual account number with a specified suffix is reported with transaction.</li> <li>Remitter ID - Prefix: If selected, the remittance ID with specified prefix is reported with the transaction.</li> </ul> </li> </ul>	
	Note: Depending on the options selected, the options are enabled.	
Prefix/Suffix	Specify a prefix/suffix value, if the reporting preference contains a prefix/suffix.	
Failure Action	Select the action to be performed, if the corporate specific validation rule fails during the execution for a transaction. Based on the preferences, the transaction either proceeds or is rejected.	
Exception Suffix	Specify a suffix, if the validation fails the transaction proceeds based on the preference and is suffixed with the reporting value.	

 Table 3-1
 (Cont.) Create Corporate Specific Rule - Field Description

- 4. Click **Add** icon to add a row and provide the required details.
- 5. Click **Save** to save the details.

The user can view the configured corporate specific rules in the View Corporate Specific Rule.

#### Note:

After configuring the corporate specific rule, the user can configure the rules for a customer using the **Multi-Currencies Identifier Mapping**.

## 3.2 View Corporate Specific Rule

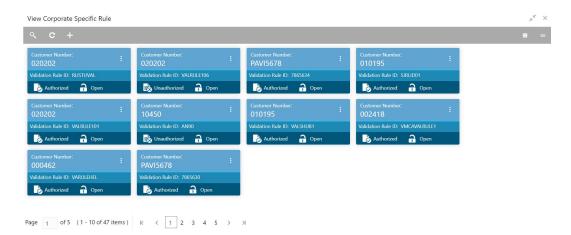
This topic describes the systemetic instructions to view a list of configured corporate specific rules.

The user can configure the corporate specific rules using Create Corporate Specific Rule.

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

- 1. On Home Screen, click Virtual Account Management. Under Virtual Account Management , click Identifier.
- 2. Under Identifier, click Corporate Specific Rule. Under Corporate Specific Rule, click View Corporate Specific Rule.

The View Corporate Specific Rule screen displays.



#### Figure 3-2 View Corporate Specific Rule

Table 3-2	View Corporate Specific Rule - Field Description
-----------	--

Field	Description
Customer Number	Displays the customer number.
Validation Rule ID	Displays the unique ID of the validation rule.
Authorized Status	Displays the authorization status of the report. The options are: • Authorized • Unauthorized
Record Status	Displays the record status of the report. The options are: • Open • Close



# 4 Multi-Currencies Identifier Mapping

This topic provides the information to map multi-currencies virtual identifiers for a customer and its accounts based on the transaction currency.

The **Multi-Currencies Identifier Mapping** allows the corporate to assign/create a virtual identifier based on account numbers. The same identifier can be used to make transactions in different currencies and based on the currency of the transaction, the account can be derived.

For a combination of a virtual identifier, and a transaction currency, a real customer account must be mapped. A default account must be configured, if the maintenance of the transaction currency is not found. The user can also map corporate specific rules for a customer using a validation rule ID.

This topic contains the following subtopics:

- Create Multi-Currencies Identifier Mapping This topic describes the systematic instructions to map multi-currencies virtual identifiers for a customer and its accounts based on the transaction currency.
- View Multi-Currencies Identifier Mapping This topic describes the systematic instructions to view a list of mapped multi-currencies identifier.

## 4.1 Create Multi-Currencies Identifier Mapping

This topic describes the systematic instructions to map multi-currencies virtual identifiers for a customer and its accounts based on the transaction currency.

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

- 1. On Home Screen, click Virtual Account Management. Under Virtual Account Management, click Identifier.
- 2. Under Identifier, click Multi-Currencies Identifier Mapping. Under Multi-Currencies Identifier Mapping, click Create Multi-Currencies Identifier Mapping.

The Create Multi-Currencies Identifier Mapping screen displays.



Create Multi-Currencies Identifier Mapping				× -
Yees Customer Number *	Customer Name No Customer Selected			
Identifier Details				
Host Code * Q, Identifier Description	Branch Code * Q Valdation Rule (D * Q	Virtual Account Identifier Mask No Branch-Selected Ruke Description No Validation Rule Selected	Virtual Account Identifier *	
Account Linkage				
Account Linkage Rivel Account Virtual MCA	Real Account Number	Account Brinch No Real Account Selected	Virtual Multi-Currency Account	
				Save Cancel

Figure 4-1 Create Multi-Currencies Identifier Mapping

3. On Create Multi-Currencies Identifier Mapping screen, specify the fields.



Field	Description
Customer Number	Click <b>Search</b> icon to view and select the required customer number.
Customer Name	Based on the Customer Number selected, the information is auto-populated.
Host Code	Click Search icon to view and select the required host code.
Branch Code	Click Search icon to view and select the required branch code.
Virtual Account Identifier Mask	Based on the Host Code selected, the information is auto- populated.
Virtual Account Identifier	Enter a unique identifier for the customer which complies to the mask.
Identifier Description	Enter additional information about the identifier.
Validation Rule ID	Click <b>Search</b> icon to view and select the required validation rule ID.
Rule Description	Based on the Validation Rule ID selected, the information is auto-populated.
Account Linkage	<ul> <li>Select one of the checksum algorithm from the drop-down list.</li> <li>Real Account: If selected, the Real Account Number field is enabled.</li> <li>Virtual MCA: If selected, the Virtual Multi-Currency Account field is enabled.</li> </ul>
Real Account Number	Click <b>Search</b> icon to view and select the real account number to associate the transaction currency.

Table 4-1	Create Multi-Currencies Identifier Mapping - Field Description
-----------	--



Field	Description
Account Branch	Based on the Real Account Number selected, the information is auto-populated.
Virtual Multi-Currency Account	Click <b>Search</b> icon to view and select the virtual multi-currency account.

## Table 4-1 (Cont.) Create Multi-Currencies Identifier Mapping - Field Description

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

The user can view the defined mapping details in the View Multi-Currencies Identifier Mapping.

## 4.2 View Multi-Currencies Identifier Mapping

This topic describes the systematic instructions to view a list of mapped multi-currencies identifier.

The user can map the multi-currencies identifier using Create Multi-Currencies Identifier Mapping.

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

- 1. On Home Screen, click Virtual Account Management. Under Virtual Account Management , click Identifier.
- 2. Under Identifier, click Multi-Currencies Identifier Mapping. Under Multi-Currencies Identifier Mapping, click View Multi-Currencies Identifier Mapping.

The View Multi-Currencies Identifier Mapping screen displays.



#### Figure 4-2 View Multi-Currencies Identifier Mapping



Field	Description
Customer Number	Displays the real customer number for which the virtual identifier mapping is maintained.
Branch Code	Displays the branch code where virtual identifier mapping is maintained.
Virtual Account Identifier	Displays the virtual account identifier details.
Identifier Description	Displays the additional information of the record.
Authorized Status	Displays the authorization status of the report. The options are: • Authorized • Unauthorized
Record Status	Displays the record status of the report. The options are: • Open • Close

#### Table 4-2 View Multi-Currencies Identifier Mapping - Field Description



# 5 Remittance Details

This topic provides the information to configure and maintain Remittance Details for a corporate identifier.

This topic contains the following subtopics:

- Create Remittance Details
   This topic describes the systematic instructions to configure the remittance details.
- View Remittance Details
   This topic describes the systematic instructions to view a list of configured remittance details.

### 5.1 Create Remittance Details

This topic describes the systematic instructions to configure the remittance details.

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

- 1. On Home Screen, click Virtual Account Management. Under Virtual Account Management , click Identifier.
- 2. Under Identifier, click Remittance Details. Under Remittance Details, click Create Remittance Details.

The Create Remittance Details screen displays.

#### Figure 5-1 Create Remittance Details

Create Remittance Details						×	×
Customer Number *	Q	Customer Name No Customer Selected	Virtual Identifier	Q	Identifier Description No Data Available		
Branch Code <i>No Data Available</i>		Remittance List ID No Data Available	Remittance List Description No Data Available				
Remittance Details							
Remittance ID		Virtual Account Number No Data Available	IBAN Required		IBAN Account Number No Data Available		
Validity Date Range $\longleftrightarrow$		Reconciliation Information	Additional Information				
					Save	Cance	el

3. On Create Remittance Details screen, specify the fields.





Field	Description
Customer Number	Click <b>Search</b> icon to view and select the required real customer number.
Customer Name	Based on the Customer Number selected, the information is auto-populated.
Virtual Account Identifier	Click <b>Search</b> icon to view and select the required Virtual Account Identifier. Displays the list of Virtual Account Identifiers, based on the customer number selected.
Identifier Description	Based on the Virtual Account Identifier selected, the information is autopopulated.
Branch Code	Based on the Virtual Account Identifier selected, the information is auto-populated.
Remittance List ID	Based on the Virtual Account Identifier selected, the information is autopopulated.
Remittance List Description	Displays the Remittance List description.
Remittance ID	Specify the Remittance ID.
Virtual Account Number	System generates the Virtual Account Number based on the Virtual Account Identifier and Remittance ID. Example: Let's assume below: Virtual Account Identifier: VA12 Remittance ID: 12345 Virtual Account Number: VA1212345 Virtual Account Number: VA1212345 Virtual Account number length is validated against the Virtual Account Number range defined in corporate specific rule.
IBAN Required	By default, this is disabled. If enabled, indicates that an IBAN must be generated. Note: If IBAN Required is selected, Remittance ID is validated against the BBAN Remittance ID Mask configured in Identifier Branch Parameters.
Validity Start Date	Select a start date for the remittance ID from the drop-down calendar.
Validity End Date	Select an expiry date for the remittance ID from the drop-down calendar.

 Table 5-1
 Create Remittance Details - Field Description



Field	Description
Reconciliation Information	Specify information that can be used for reconciliation.
Additional Information	Specify additional information about the remittance ID.

Table 5-1 (Cont.) Create Remittance Details - Field Description

4. Click Save to save the details.

The user can view the configured remittance details in the View Remittance Details.

## 5.2 View Remittance Details

This topic describes the systematic instructions to view a list of configured remittance details.

The user can configure the remittance details using Create Remittance Details.

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

- 1. On Home Screen, click Virtual Account Management. Under Virtual Account Management , click Identifier.
- 2. Under Identifier, click Remittance Details. Under Remittance Details, click View Remittance Details.

The View Remittance Details screen displays.

Remittance ID: :					
100AAA	100AAM	100ACL :	100ACA :	245	
Customer Number: 000462	Customer Number: 000462	Customer Number: 000462	Customer Number: 000462	Customer Number: 020202	
Remittance List ID: RLISTHEL	Remittance List ID: SDIBAN01				
💫 Authorized 🔒 Open	💫 Authorized 🔒 Open	Authorized 🔒 Closed	🍃 Authorized 🔒 Open	Authorized 🔒 Open	
Remittance ID:					
23	56	9CS	CC2	94SX	
Customer Number: 020202	Customer Number: 020202	Customer Number: 020202	Customer Number: 020202	Customer Number: 000062	
Remittance List ID: SDIBAN01	Remittance List ID: REM101	Remittance List ID: REM101	Remittance List ID: SDIBAN01	Remittance List ID: FCREM001	
Authorized 🔒 Open	Authorized 🔒 Open	Authorized 🔒 Closed	Authorized 🔒 Open	Authorized 🔒 Open	

#### Figure 5-2 View Remittance Details

Page 1 of 113 (1 - 10 of 1121 items) K < 1 2 3 4 5 .... 113 >  $\times$ 

Table 5-2	View Remittance Details - Field Description
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Field	Description	
Remittance ID	Displays the remittance ID.	
Customer Number	Displays the customer number associated with the remittance ID.	
Remittance List ID	Displays the remittance list ID.	
Authorized Status	Displays the authorization status of the report. The options are: • Authorized • Unauthorized	



Field	Description
Record Status	Displays the record status of the report. The options are: • Open • Close

 Table 5-2
 (Cont.) View Remittance Details - Field Description



# A Error Codes and Messages

This topic provides the error code and messages found while using Oracle Banking Virtual Account Management.

Screen_Name	Error_Code	Error_Message
All Screens	GC-CLS-02	Record Successfully Closed
All Screens	GC-REOP-03	Successfully Reopened
All Screens	GCS-AUTH-01	Record Successfully Authorized
All Screens	GCS-AUTH-02	Valid modifications for approval were not sent. Failed to match
All Screens	GCS-AUTH-03	Maker cannot authorize
All Screens	GCS-AUTH-04	No Valid unauthorized modifications found for approval.
All Screens	GCS-CLOS-002	Record Successfully Closed
All Screens	GCS-CLOS-01	Record Already Closed
All Screens	GCS-CLOS-02	Record Successfully Closed
All Screens	GCS-CLOS-03	Unauthorized record cannot be closed, it can be deleted before first authorization
All Screens	GCS-COM-001	Record does not exist
All Screens	GCS-COM-002	Invalid version sent, operation can be performed only on latest version
All Screens	GCS-COM-003	Please Send Proper ModNo
All Screens	GCS-COM-004	Please send makerId in the request
All Screens	GCS-COM-005	Request is Null. Please Resend with Proper Values
All Screens	GCS-COM-006	Unable to parse JSON
All Screens	GCS-COM-007	Request Successfully Processed
All Screens	GCS-COM-008	Modifications should be consecutive.
All Screens	GCS-COM-009	Resource ID cannot be blank or "null".
All Screens	GCS-COM-010	Successfully cancelled \$1.
All Screens	GCS-COM-011	\$1 failed to update.
All Screens	GCS-DEL-001	Record deleted successfully
All Screens	GCS-DEL-002	Record(s) deleted successfully
All Screens	GCS-DEL-003	Modifications didn't match valid unauthorized modifications that can be deleted for this record
All Screens	GCS-DEL-004	Send all unauthorized modifications to be deleted for record that is not authorized even once.
All Screens	GCS-DEL-005	Only Maker of first version of record can delete modifications of record that is not once authorized.

#### Table A-1 List of Error Codes and Messages



Screen_Name	Error_Code	Error_Message
All Screens	GCS-DEL-006	No valid unauthorized modifications found for deleting
All Screens	GCS-DEL-007	Failed to delete. Only maker of the modification(s) can delete.
All Screens	GCS-MOD-001	Closed Record cannot be modified
All Screens	GCS-MOD-002	Record Successfully Modified
All Screens	GCS-MOD-003	Record marked for close, cannot modify.
All Screens	GCS-MOD-004	Only maker of the record can modify before once auth
All Screens	GCS-MOD-005	Not amendable field, cannot modify
All Screens	GCS-MOD-006	Natural Key cannot be modified
All Screens	GCS-MOD-007	Only the maker can modify the pending records.
All Screens	GCS-REOP-003	Successfully Reopened
All Screens	GCS-REOP-01	Unauthorized Record cannot be Reopened
All Screens	GCS-REOP-02	Failed to Reopen the Record, cannot reopen Open records
All Screens	GCS-REOP-03	Successfully Reopened
All Screens	GCS-REOP-04	Unauthorized record cannot be reopened, record should be closed and authorized
All Screens	GCS-SAV-001	Record already exists
All Screens	GCS-SAV-002	Record Saved Successfully.
All Screens	GCS-SAV-003	The record is saved and validated successfully.
All Screens	GCS-VAL-001	The record is successfully validated.
Identifier Mask Configuration Identifier Branch Parameters	VAI-BRP-01	Mask can contain only the characters a, n and f
Identifier Mask Configuration Identifier Branch Parameters	VAI-BRP-02	Please don't enter Fixed Value as the character f is not present in the Mask
Identifier Mask Configuration Identifier Branch Parameters	VAI-BRP-03	Please Enter the Fixed Value as the mask Contains the character f
Identifier Mask Configuration Identifier Branch Parameters	VAI-BRP-04	f cannot have multiple occurrence in the Mask
Identifier Mask Configuration Identifier Branch Parameters	VAI-BRP-05	\$1 Branch Code is not Valid

Table A-1	(Cont.)	List of Error Codes and Messages
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Screen_Name	Error_Code	Error_Message
Identifier Branch Parameters	VAI-BRP-06	Sum of identifier Start position and the length of the Mask cannot exceed Maximum size of the Account No
Identifier Mask Configuration		Account No
Identifier Branch Parameters	VAI-BRP-07	Record cannot be closed as there are active identifiers mapped to real account no.
Identifier Mask Configuration		
Identifier Branch Parameters	VAI-BRP-08	Cannot Reopen Record as the Branch Code is Closed
Identifier Mask Configuration		
Identifier Branch Parameters	VAI-BRP-10	\$1 cannot be Modified
Identifier Mask Configuration		
Identifier Branch Parameters	VAI-BRP-11	Rate Type is invalid
Identifier Mask Configuration		
Remittance List	VAI-IBAN-001	Invalid identifier branch for the given Identifier
Remittance Details		
Remittance List Remittance Details	VAI-IBAN-002	BBAN format mask is not maintained
Remittance List	VAI-IBAN-003	Length of Bank code differs from bban format
Remittance Details		bank code mask character length
Remittance List	VAI-IBAN-004	BBAN Bank code is not maintained
Remittance Details		
Remittance List	VAI-IBAN-005	Length of Branch code differs from bban format
Remittance Details		branch code mask character length
Remittance List	VAI-IBAN-006	BBAN Branch code is not maintained
Remittance Details		
Remittance List	VAI-IBAN-007	Length of Identifier account does not match with
Remittance Details		the length of mask character z maintained in BBAN format mask
Remittance List	VAI-IBAN-008	Identifier Account could not be generated
Remittance Details		Ť
Remittance List	VAI-IBAN-009	Failed to validate BBAN data type
Remittance Details		
Remittance List	VAI-IBAN-010	Mismatch in length of bban format mask and bban
Remittance Details		data type
Remittance List Remittance Details	VAI-IBN-24	BBAN Format Mask is mandatory if BBAN Data Type is present

Table A-1	(Cont.) List of Error Codes and Messages	
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Screen_Name	Error_Code	Error_Message
Remittance List Remittance Details	VAI-IBN-25	IBAN Country Code can have maximum of only two characters to generate IBAN , If you want to generate IBAN choose a country with only two characters as Country Code
Remittance List Remittance Details	VAI-IBN-26	BBAN Data Type is mandatory if BBAN Format Mask is present
Remittance List Remittance Details	VAI-IBN-27	BBAN Data Type length and BBAN Mask Length must be the same
Remittance List Remittance Details	VAI-IBN-29	Bank Code is part of BBAN Mask and the same is not maintained
Remittance List Remittance Details	VAI-IBN-30	Alphabet h can occur only once in BBAN Format Mask
Remittance List Remittance Details	VAI-IBN-31	Account mask maintained in BBAN format Mask is not the same as the Account Mask maintained for the branch
Remittance List Remittance Details	VAI-IBN-34	Branch Code is part of BBAN Mask and the same is not maintained
Remittance List Remittance Details	VAI-IBN-35	Branch Code needs to be maintained with the length and data type maintained as in BBAN Data Type field
Remittance List Remittance Details	VAI-IBN-36	Bank Code needs to be maintained with the length and data type maintained as in BBAN Data Type field
Remittance List Remittance Details	VAI-IBN-40	Identifier Mask is not maintained for the host.
Remittance List Remittance Details	VAI-IBN-56	Bban bank code should be blank if b is not part of bban format mask
Remittance List Remittance Details	VAI-IBN-57	Bban branch code should be blank if s is not part of bban format mask
Remittance List Remittance Details	VAI-IBN-59	Country code is not valid. Country code maintained for Current branch is \$1
Remittance List Remittance Details	VAI-IBN-62	\$1 Checksum Algorithm is invalid
Remittance List Remittance Details	VAI-IBN-65	The length of BBAN Remittance ID Mask does not match BBAN Format Mask. Allowed length for Remitter Id mask is \$1
Remittance List Remittance Details	VAI-IBN-66	Remitter Id mask needs to be maintained with the length and data type maintained as in BBAN Data Type field
Remittance List Remittance Details	VAI-IBN-68	Country Code is not maintained for the Current branch.
Multi-Currencies Identifier Mapping	VAI-MAP-01	Only One Account Can be selected as Default Account

 Table A-1 (Cont.) List of Error Codes and Messages



Screen_Name	Error_Code	Error_Message
Multi-Currencies Identifier Mapping	VAI-MAP-02	Duplicate Rows with Same Transaction Currency are Present in the Multi Block
Multi-Currencies Identifier Mapping	VAI-MAP-03	Length of Virtual Identifier and Identifier Mask must be equal
Multi-Currencies Identifier Mapping	VAI-MAP-04	Please Enter a Numeric Digit in Virtual Identifier for the corresponding mask character n in the Mask
Multi-Currencies Identifier Mapping	VAI-MAP-05	Please Enter a Alpha-Numeric Digit in Virtual Identifier for the corresponding mask character a in the Mask
Multi-Currencies Identifier Mapping	VAI-MAP-06	The Value of fixed Identifier at Position \$1 should not be altered
Multi-Currencies Identifier Mapping	VAI-MAP-07	Please Select one default Account
Multi-Currencies Identifier Mapping	VAI-MAP-08	Please Enter All the Values in the Multi Block
Multi-Currencies Identifier Mapping	VAI-MAP-09	Enter at least one Row in the Multi Block Grid
Multi-Currencies Identifier Mapping	VAI-MAP-10	Real customer should not be modified
Multi-Currencies Identifier Mapping	VAI-MAP-11	Select one Account as Default
Multi-Currencies Identifier Mapping	VAI-MAP-12	Invalid Account Number for given branch
Multi-Currencies Identifier Mapping	VAI-MAP-13	Invalid Account Number for the Given Customer
Multi-Currencies Identifier Mapping	VAI-MAP-14	Duplicate Rows with Same Account No are Present
Multi-Currencies Identifier Mapping	VAI-MAP-15	Identifier Value must be Same in both Master and Detail
Multi-Currencies Identifier Mapping	VAI-MAP-16	Invalid Currency \$1
Multi-Currencies Identifier Mapping	VAI-MAP-17	Invalid Branch Code \$1
Multi-Currencies Identifier Mapping	VAI-MAP-18	Invalid Customer No \$1
Multi-Currencies Identifier Mapping	VAI-MAP-19	Invalid Rule Id \$1
Multi-Currencies Identifier Mapping	VAI-MAP-20	Account Currency of \$1 and Transaction currency must be same
Multi-Currencies Identifier Mapping	VAI-MAP-21	\$1 cannot be modified
Multi-Currencies Identifier Mapping	VAI-MAP-22	Account Group Id must not be entered when Account Linkage is A
Multi-Currencies Identifier Mapping	VAI-MAP-23	Real Account No and Branch cannot be null when Account Linkage is A
Multi-Currencies Identifier Mapping	VAI-MAP-24	Invalid Account for the Customer in Core

Table A-1	(Cont.) List of Error Codes and Messages	
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Screen_Name	Error_Code	Error_Message
Multi-Currencies Identifier Mapping	VAI-MAP-25	Invalid Account for the Customer
Multi-Currencies Identifier Mapping	VAI-MAP-26	Please input Account Group Id as the Account Linkage is G
Multi-Currencies Identifier Mapping	VAI-MAP-27	Real Account No and Branch is not required as the Account Linkage is G
Multi-Currencies Identifier Mapping	VAI-MAP-28	Invalid Account Group Id for the Real Customer
Multi-Currencies Identifier Mapping	VAI-MAP-29	Cannot close Identifier as it is mapped in Identifier Rule
Multi-Currencies Identifier Mapping	VAI-MAP-30	Invalid host code.
Remittance List	VAI-REML-001	Invalid value for Virtual Identifier
Remittance List	VAI-REML-002	Remitter list id is not mapped to the identifier. Please choose identifier mapped to remitter list id
Remittance List	VAI-REML-003	The length of the combination of Remittance ID and Virtual Account Identifier must be between minimum and maximum length of rule
Remittance List	VAI-REML-004	The length of the remitter id must be equal to the length of the remitter mask
Remittance List	VAI-REML-005	Invalid Remitter List Id
Remittance List	VAI-REML-006	IBAN generation failed
Remittance List	VAI-REML-007	RECORD not found
Remittance List	VAI-REML-008	The characters in Remittance ID does not match with the BBAN Remittance ID Mask
Remittance List	VAI-REML-009	Start Date cannot be less than Application Date \$1
Remittance List	VAI-REML-010	End Date cannot be less than Start Date
Remittance List	VAI-REML-011	Invalid Date Format
Remittance Details	VAI-RMLS-01	Invalid Real Customer Number
Remittance Details	VAI-RMLS-02	Remitter List Id should be alphanumeric
Remittance Details	VAI-RMLS-03	Invalid Remitter ID : Either Remitter ID is not present in the List or its Status is Closed
Remittance Details	VAI-RMLS-04	At least one record should be present in detail block
Remittance Details	VAI-RMLS-05	Remitter ID for 2 records cannot be same
Remittance Details	VAI-RMLS-06	Validity End Date Should be Greater than Validity Start Date
Remittance Details	VAI-RMLS-07	Transaction Value Date should be Greater than the Validity Start Date Of Remitter ID
Remittance Details	VAI-RMLS-08	Transaction Value Date should be Less than the Validity End Date Of Remitter ID
Remittance Details	VAI-RMLS-09	Remitter Id should be alphanumeric
Remittance Details	VAI-RMLS-10	Remitter List ID is linked to a real customer in Static Rule Maintenance
Remittance Details	VAI-RMLS-11	Maximum Length allowed for Remitter List ID is 35

Table A-1	(Cont.)	List of Error Codes and Messages
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Screen_Name	Error_Code	Error_Message	
Remittance Details	VAI-RMLS-12	Remitter List ID in master and detail blocks are not matching	
Remittance Details	VAI-RMLS-13	Maximum Length allowed for Remitter ID is 35	
Remittance Details	VAI-RMLS-14	Record Cannot be reopened as Customer is closed	
Remittance Details	VAI-RMLS-15	Invalid Remitter List Id	
Remittance Details	VAI-RMLS-16	Validity Start Date format is invalid	
Remittance Details	VAI-RMLS-17	Validity start date should be an application date or less	
Remittance Details	VAI-RMLS-18	Validity End Date format is invalid	
Corporate Specific Rule	VAI-RULE-01	Please Enter both Minimum Length and Maximum Length	
Corporate Specific Rule	VAI-RULE-02	Please Enter both Start Number and End Number	
Corporate Specific Rule	VAI-RULE-03	Please Enter both From Amount and To Amount	
Corporate Specific Rule	VAI-RULE-04	Collection start date and end date both should be entered	
Corporate Specific Rule	VAI-RULE-05	Maximum Length Cannot be greater than Max Length of Account Number	
Corporate Specific Rule	VAI-RULE-06	Minimum Length Cannot be greater than Max Length of Account Number	
Corporate Specific Rule	VAI-RULE-07	Minimum Length Cannot be greater than Maximum Length	
Corporate Specific Rule	VAI-RULE-08	Remitter Id Start Number Cannot be Greater than Remitter Id End Number	
Corporate Specific Rule	VAI-RULE-09	Txn amount Start Range Cannot be greater than Txn amount End Range	
Corporate Specific Rule	VAI-RULE-10	Collection Start Date Cannot be greater than Collection End Date	
Corporate Specific Rule	VAI-RULE-11	Both Check Digit Position and Algorithm must be input	
Corporate Specific Rule	VAI-RULE-12	Remitter ID Range, User Defined Rules and Checksum fields must not be input when Remitter List ID is input	
Corporate Specific Rule	VAI-RULE-13	Check Digit Position is greater than Max length of Account No	
Corporate Specific Rule	VAI-RULE-14	Rule Id must be Alphanumeric \$1	
Corporate Specific Rule	VAI-RULE-15	Enter both start time and end time	
Corporate Specific Rule	VAI-RULE-16	Enter start position and Date Format when end date is checked	
Corporate Specific Rule	VAI-RULE-17	Remitter List ID is invalid	
Corporate Specific Rule	VAI-RULE-18	Start time must be of the form hh:mm:ss	
Corporate Specific Rule	VAI-RULE-19	End Time must be of the form hh:mm:ss	
Corporate Specific Rule	VAI-RULE-20	The Value Entered for Reporting Preference is Invalid	
Corporate Specific Rule	VAI-RULE-21	Invalid Value for Failure Action	

Table A-1	(Cont.)	List of Error Codes	s and Messages
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Screen_Name	Error_Code	Error_Message	
Corporate Specific Rule	VAI-RULE-22	Enter Prefix/Suffix as Reporting Preference has pre/suf value	
Corporate Specific Rule	VAI-RULE-23	Don't Enter Prefix/Suffix as Reporting Preference doesn't have pre/suf value	
Corporate Specific Rule	VAI-RULE-24	Don't enter Prefix/Suffix as Reporting Preference is null	
Corporate Specific Rule	VAI-RULE-25	Exception Suffix must be present when Failure Action is Proceed	
Corporate Specific Rule	VAI-RULE-26	Real Customer No does not Exist	
Corporate Specific Rule	VAI-RULE-27	Length Validation Failed for Account No \$1	
Corporate Specific Rule	VAI-RULE-28	Remitter ID Range Validation Failed for Account No \$1	
Corporate Specific Rule	VAI-RULE-29	Transaction Amount Range Validation Failed for Account No \$1	
Corporate Specific Rule	VAI-RULE-30	Collection Date Validation Failed for Account No \$1	
Corporate Specific Rule	VAI-RULE-31	Remitter List Id Validation failed	
Corporate Specific Rule	VAI-RULE-32	Modulo 10 checksum Validation Failed for Account \$1	
Corporate Specific Rule	VAI-RULE-33	Modulo 11 checksum Validation Failed for Account \$1	
Corporate Specific Rule	VAI-RULE-34	Modulo 11 with weights checksum Validation Failed for Account \$1	
Corporate Specific Rule	VAI-RULE-35	Please Enter Collection Start Date and End Date as Collection Time is specified	
Corporate Specific Rule	VAI-RULE-36	Record Cannot be Closed as active Record for this Rule Id Exists in IDMAP	
Corporate Specific Rule	VAI-RULE-37	Collection Date Format is Invalid	
Corporate Specific Rule	VAI-RULE-38	hh cannot be greater than 23	
Corporate Specific Rule	VAI-RULE-39	mm cannot be greater than 59	
Corporate Specific Rule	VAI-RULE-40	ss cannot be greater than 59	
Corporate Specific Rule	VAI-RULE-41	Cannot reopen as Real Customer is invalid	
Corporate Specific Rule	VAI-RULE-42	Same CCy cannot be present multiple times in the block	
Corporate Specific Rule	VAI-RULE-43	Rule Id in Master and Detail Cannot be different	
Corporate Specific Rule	VAI-RULE-44	Enter Both Transaction Currency and Transaction Amount Range with amount greater than 0	
Corporate Specific Rule	VAI-RULE-45	Enter Valid Value For Check Sum Algorithm	
Corporate Specific Rule	VAI-RULE-46	Min Length Value must be greater than 0	
Corporate Specific Rule	VAI-RULE-47	Max Length Value must be greater than 0	
Corporate Specific Rule	VAI-RULE-48	Remitter Id Start and End Range must be greater than 0	
Corporate Specific Rule	VAI-RULE-49	Failed in Validating Include End Date Part for Account \$1	
Corporate Specific Rule	VAI-RULE-50	Invalid Currency \$1	
Corporate Specific Rule	VAI-RULE-51	ChkdgtIncludeTxnamt flag must be Y or N	



Screen_Name	Error_Code	Error_Message
Corporate Specific Rule	VAI-RULE-52	EndDatePartOfAccno flag must be Y or N
Corporate Specific Rule	VAI-RULE-53	Start Time Cannot be Greater Or Equal To End Time If Start and End Date is same
Corporate Specific Rule	VAI-RULE-54	Cannot Reopen as Real Customer is Closed in Remittance
Corporate Specific Rule	VAI-RULE-55	Cannot Reopen as Real Customer is Closed in Core Customer
Corporate Specific Rule	VAI-RULE-56	Time Format is Invalid
Corporate Specific Rule	VAI-RULE-57	Failure Action Should not Empty as Reporting Preference is inputted
Corporate Specific Rule	VAI-RULE-90	remitter list id is already mapped to remittance detail and hence cannot be modified

Table A-1	(Cont.	) List of Error	Codes and	Messages
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# B Functional Activity Codes

Screen Name	Functional Activity Code
Create Corporate Specific Rule	VAI_FA_VIRTUAL_IDENTIFIER_RULE_CREATE
View Corporate Specific Rule	VAI_FA_VIRTUAL_IDENTIFIER_RULE_VIEWALL
Create Multi-Currencies Identifier Mapping	VAI_FA_VIRTUAL_IDENTIFIER_MAP_CREATE
View Multi-Currencies Identifier Mapping	VAI_FA_VIRTUAL_IDENTIFIER_MAP_VIEW
Create Remittance Details	VAI_FA_REMITTERS_CREATE
View Remittance Details	VAI_FA_REMITTERS_GETALL
Create Remittance List	VAI_FA_REMITTER_LIST_ID_CREATE
View Remittance List	VAI_FA_REMITTER_LIST_ID_VIEWALL

 Table B-1
 List of Functional Activity Codes



# C Annexure - Events

This topic contains the events and its purpose.

#### Table C-1 List of Events

Events	Purpose
vai.identifierServiceNotif ication	Event is generated when a Virtual Identifier is Created/ Modified/ Closed / Re-Opened
vas.genericdashboarde ventrequest	Event is generated for unauthorised transaction count



# Feedback and Support

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



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