**API Description Document**

**Requestor**

|  |  |
| --- | --- |
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| Comments: | |

**Revision History**

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# Introduction

*Project – RBL API Banking*

*The API would be used to enquire for the Virtual Account created.*

# List of API

*List down the APIs part of the projects:*

|  |  |  |
| --- | --- | --- |
| **Sr. No** | **Name** | **Description** |
| 1 | Inquire Virtual Account | The API would Inquire for the Virtual Account created for a real Acc. No. |

## API Name

## Inquire\_VA

## Description

Description

The API would inquire for the Virtual Account created for a real Acc. No.

***Process flow, UML Diagram***

*NA*

## Transport protocol (SOAP / REST)

*REST*

## API Request URLs

<https://apideveloper.rblbank.com/test/sb/rbl/api/create_VA/InquireVirtualAccount>

## Request Parameters

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Business Parameter Name** | **Description** | **Parameter Name** | **Parameter Type** | **Parameter Constraints** | **Comments** |
| TranID | Transaction Id | TranID | String | Alphanumeric  MaxLength=20 | Transaction ID generated by consumer which is unique |
| Corp\_ID | Corporate Id | Corp\_ID | String | Alphanumeric MaxLength=20 | Unique ID assigned to each enrolled Corporate |
| Maker\_ID | Maker Id | Maker\_ID | String | Alphanumeric MaxLength=20 | Unique ID for request creator |
| Checker\_ID | Checker Id | Checker\_ID | String | Alphanumeric MaxLength=20 | Unique ID for request checker |
| Approver\_ID | Approver Id | Approver\_ID | String | Alphanumeric  MaxLength=20 | Unique ID for request approver |
| Account\_No | Account Number | Account\_No | String | Alphanumeric  MaxLength=20 | Current Account Number |
| Client\_Id | Client ID | Client\_Id | String | Alphanumeric  MaxLength=5 | Unique Client Identification |

## Request Sample

*{*

*"inquire\_VA":{*

*"Header":{*

*"TranID":"12345678965",*

*"Corp\_ID":"MC001",*

*"Maker\_ID":"M001",*

*"Checker\_ID":"C001",*

*"Approver\_ID":"A001"*

*},*

*"Body":{*

*"Account\_No":"123456",*

*"Client\_Id":"ABC01",*

*}*

*}*

*}*

***Response Parameters***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Business Parameter Name** | **Description** | **Parameter Name** | **Parameter Type** | **Parameter Constraints** | **Comments** |
| TranID | Transaction Id | TranID | String | Alphanumeric  MaxLength=20 | Transaction ID generated by customer which is unique |
| Status | Status | Status | String | Alphanumeric | SUCCESS/ FAILURE |  |  |  |
| Full\_VA\_Number | Full Virtual Account Number | Full\_VA\_Number | String | Alphanumeric | Full Unique VA number generated in ESB |  |  |  |
| Client\_ID | Client\_ID | Client ID | String | Alphanumeric | Client ID present in Finacle |  |  |  |
| Beneficiary \_Name | Beneficiary Name | Beneficiary Name | String | Alphanumeric | The Beneficiary Name of the customer |

## Response Sample

*{*

*"inquire\_VA": {*

*"Header": {*

*"TranID": "231141",*

*"Status": "Success"*

*},*

*"Body": {*

*"Details": [*

*{*

*"Full\_VA\_Number": "VAEBAYAQYS1467",*

*"Client\_ID": "EBAYA",*

*"Beneficiary\_Name": "MBAASASDMBAAQA"*

*},*

*{*

*"Full\_VA\_Number": "VAEBAYAQYS143467",*

*"Client\_ID": "EBAYA",*

*"Beneficiary\_Name": "MBAASASDMBAAQA"*

*}*

*]*

*}*

*}*

*}*

Response Codes

|  |  |  |
| --- | --- | --- |
| **Response Stage** | **Response Code** | **Response Message** |
| SUCCESS |  | SUCCESS |
| FAILURE |  | FAILURE |

## Error Codes

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Error Code** | **Error Type** | **Short Message** | **Long Message** | **Correcting This Error** | **Error Type** |
|  | Validation | Duplicate Tran Id |  | Enter a unique Id |  |
|  | Validation | Please Enter Tran Id |  | Enter Tran Id |  |
|  | Validation | Please Enter Corp Id |  | Enter Corp Id |  |
|  | Validation | Please Enter Account Number |  | Enter Account Number |  |
|  | Validation | Please Enter Client Id |  | Enter Client Id |  |
|  | Validation | Please Enter Beneficiary Name |  | Enter Beneficiary Name |  |
|  | Validation | Invalid Corp Id |  | Enter Valid Corp Id |  |
|  | Validation | Beneficiary Name should be less than or equal to 100 |  | Enter Beneficiary Name less than or equal to 100 Characters |  |
|  | Validation | Invalid Serial Number Length |  | Enter a valid serial number length |  |
|  | Validation | Invalid Input Data |  | Enter valid data in the input request |  |
|  | Validation | Please enter Maker Id |  | Enter Maker Id |  |
|  | Validation | Please enter Checker Id |  | Enter Checker Id |  |
|  | Validation | Please enter Approver Id |  | Enter Approver Id |  |
|  | Validation | Maker Id should be less than or equal to 20 characters |  | Enter Maker Id less than or equal to 20 characters |  |
|  | Validation | Checker Id should be less than or equal to 20 characters |  | Enter Checker Id less than or equal to 20 characters. |  |
|  | Validation | Approver Id should be less than or equal to 20 |  | Enter Approver Id less than or equal to 20 characters. |  |
|  | Validation | Virtual Account Already Exists |  | Enter new input details , as same virtual account already exists. |  |
| ER001 | General | Improper JSON Format |  | Enter a proper JSON Format Request |  |
| ER002 | Validation | Schema Validation Failure |  | Enter proper data types and constraints |  |
| ER006 | Technical | Timeout Exception Occurred |  | ESB Service didn’t respond because a technical roadblock. |  |
| ER018 | Validation | Error Occurred While Accessing The ESB Database |  | Enter proper request field length and check ESB database |  |

# *Appendix*

***List of mandatory tags in request and response***

|  |  |  |
| --- | --- | --- |
| **MANDATORY REQUEST FIELDS** | | |
| **FIELDS** | **TAGS MANDATORY** | **VALUES MANDATORY** |
| TranID | Y | Y |
| Corp\_ID | Y | Y |
| Maker\_ID | N | N |
| Checker\_ID | N | N |
| Approver\_ID | N | N |
| Account\_No | Y | Y |
| Client\_Id | Y | Y |

|  |  |  |
| --- | --- | --- |
| **MANDATORY RESPONSE FIELDS** | | |
| **FIELDS** | **TAGS MANDATORY** | **VALUES MANDATORY** |
| TranID | Y | Y |
| Status | Y | Y |
| Full\_VA\_Number | Y | Y |
| Client\_ID | Y | Y |
| Beneficiary Name | Y | Y |