**API Description Document**

**Requestor**

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| --- | --- |
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| Designation  Manager | Department  BSG |

**Approvals**

|  |  |
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| Please add additional rows if you have additional stakeholders that need to approve this document. | |
| Comments: | |

**Revision History**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Document/Dept. Owner: | BSG | | | | |
| Created By: | Arpitam Das | | Date: | | 30 – Jul – 16 |
| Revised By | | Date Revised | | New Version # | |
| Arpitam Das | | 26-Oct-16 | | 1.1. | |
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# Introduction

*Project – RBL API Banking*

*Beneficiary Registration Enquiry API which can be used to enquire the Beneficiaries registered using Beneficiary Registration API. The inputs will be Corp Id, Bene Id or Date.*

# List of API

*List down the APIs part of the projects:*

|  |  |  |
| --- | --- | --- |
| **Sr. No** | **Name** | **Description** |
| 1 | Beneficiary Enquiry | This service enquires the registered Beneficiaries |

## API Name

*RBL\_Beneficiary\_Enquiry*

## Description

*This service would enquire for Beneficiaries corresponding to every unique Ben Account numbers, Date or Corp ID.*

***Process flow, UML Diagram***

## Transport protocol (SOAP / REST)

*REST*

## API Request URLs

*https://apideveloper.rblbank.com/test/sb/v1/rbl/api/ben/enquiry*

## Request Parameters

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Business Parameter Name** | **Description** | **Parameter Name** | **Parameter Type** | **Parameter Constraints** | **Comments** | **Mandatory(Yes/No)** |
| TranID | Transaction Id | TranID | String | Alphanumeric  MaxLength=20 | Transaction ID generated by consumer which is unique | Yes |
| Corp\_ID | Corporate Id | Corp\_ID | String | Alphanumeric MaxLength=20 | Unique ID assigned to each enrolled Corporate | Yes |
| Maker\_ID | Maker Id | Maker\_ID | String | Alphanumeric MaxLength=20 | Unique ID for request creator | No (According to the Validation Flag in Corp Hierarchy Table.) |
| Checker\_ID | Checker Id | Checker\_ID | String | Alphanumeric MaxLength=20 | Unique ID for request checker | No (According to the Validation Flag in Corp Hierarchy Table.) |
| Approver\_ID | Approver Id | Approver\_ID | String | Alphanumeric  MaxLength=20 | Unique ID for request approver | No (According to the Validation Flag in Corp Hierarchy Table.) |
|  |  |  |  |  |  |  |
| Corp\_ID | Corporate ID | Corp\_ID | String | Alphanumeric MaxLength=20 | Unique ID assigned to each enrolled Corporate | No,Any one is Mandatory to be passed |
| Ben\_Id | Beneficiary ID created | Beneficiary Unique Id | String | MaxLength=50 | Bene Id registered | No |
| Date | Date | Date | Date | Date | Date when bene I registered | No |
| Signature | Signature | Signature | String | No max length defined. | Encrypted key for authenticating the request. Currently not required. | No |

## Request Sample:

*{*

*{*

*"Beneficiary\_Enquiry" : {*

*"Header" :{*

*"TranID" : "003",*

*"Corp\_ID" : "MC009",*

*"Maker\_ID" : "",*

*"Checker\_ID" : "",*

*"Approver\_ID" : ""*

*},*

*"Body" :{*

*"Corp\_ID" : "MC009",*

*"Bene\_ID" : "",*

*"Date" : ""*

*},*

*"Signature" :{*

*"Signature" : "Signature"*

*}*

*}*

*}*

***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 | | | |
| 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 |  |  |  |
| RefNo | Reference Number | RefNo | String | Alphanumeric  MaxLength=50 | | Unique reference number provided for each request | | | |
| Ben\_Id | Beneficiary ID | Ben\_Id | String |  | | Unique ID for each Beneficiary Registered | | | |
| Ben\_Ifsc | Beneficiary IFSC | Ben\_Ifsc | String |  | | Beneficiary IFSC code. | | | |
| Ben\_Mobile | Beneficiary Mobile | Ben\_Mobile | Integer |  | | Beneficiary Mobile Number | | | |
| Ben\_Email | Beneficiary Email | Ben\_Email | String |  | | Beneficiary Email ID | | | |
| Ben\_BankName | Beneficiary Bank Name | Ben\_BankName | String |  | | Beneficiary Bank Name | | | |
| Ben\_Name | Beneficiary Name | Ben\_Name | String |  | | Beneficiary Name | | | |
| Ben\_Acct\_No | Beneficiary Account Number | Ben\_Acct\_No | String | Alphanumeric & ‘\_’  MaxLength=50 | | Beneficiary Account Number | | | |
| TxnTime | Transaction Time | TxnTime | Timestamp | YYYY-mm-dd HH:mm:ss.000000 | |  | | | |
| NEFT | Transaction Type | NEFT | String | Y/N, Limits | | Specified channel of payment | | | |
| RTGS | Transaction Type | RTGS | String | Y/N, Limits | | Specified channel of payment | | | |
| FT | Transaction Type | FT | String | Y/N, Limits | | Specified channel of payment | | | |
| DD | Transaction Type | DD | String | Y/N, Limits | | Specified channel of payment | | | |
| IMPS | Transaction Type | IMPS | String | Y/N, Limits | | Specified channel of payment | | | |
| Signature | Signature | Signature | String | No max length defined. | | Encrypted key for authenticating the request. Currently not required. | | | |

## Response Sample

*{"Beneficiary\_Enquiry": {*

*"Header": {*

*"TranID": "667benreg",*

*"Corp\_ID": "MC005",*

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

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

*"Approver\_ID": "A001"*

*},*

*"Body": {*

*"Ref\_No": "BENMC005667benreg",*

*"EnqTxn\_Time": "2016-10-26 13:13:06.005902",*

*"Bene\_ID": "BENMC005667benreg",*

*"Details": [ {*

*"BEN\_ID": "BENMC005667benreg",*

*"BEN\_IFSC": "CBINOR10001",*

*"BEN\_NAME": "YUVIKA",*

*"BEN\_ACCNO": "acc667",*

*"BEN\_ACCSTATUS": "A",*

*"BEN\_BANKNAME": "YUTR",*

*"BEN\_ADDRESS": "MUMBAI",*

*"BEN\_TYPE": "SALC",*

*"BEN\_MOBILE": 9819378393,*

*"BEN\_EMAIL": "BenDSA@gmail.com",*

*"NEFT": {"YN": "N"},*

*"RTGS": {*

*"YN": "Y",*

*"Limit": {"WEEKLY": 7}*

*},*

*"DD": {"YN": "N"},*

*"FT": {*

*"YN": "Y",*

*"Limit": [*

*{"DAILY": 7},*

*{"MONTHLY": 333}*

*]*

*},*

*"IMPS": {"YN": "N"},*

*"TXNTIME": "2016-10-26 12:26:51.975251"*

*}]*

*},*

*"Signature": {"Signature": "Signature"}*

*}}*

**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** |
| ER001 | General | Improper JSON Format | Improper JSON Format |  |  |
| ER002 | Validation | Schema Validation Failure | Schema Validation Failure |  |  |
| ER003 | Validation | Invalid CorpId | Invalid CorpId |  |  |
| ER004 | Technical | Technical Failure | Technical Failure |  |  |
| ER006 | Technical | Timeout Exception Occurred | Timeout Exception Occurred |  |  |
| ER008 | Validation | Invalid Corporate Hierarchy | Invalid Corporate Hierarchy |  |  |
| ER013 | Validation | Duplicate transaction Id | Duplicate transaction Id |  |  |
| ER021 | Validation | Request not valid for given Corp ID | Request not valid for given Corp ID |  |  |
| ER040 | Vaidation | No records found | No records found |  |  |
| ER018 | DB | Error Occurred While Accessing The ESB Database | Error Occurred While Accessing The ESB Database |  |  |
| ER020 | Validation | Request not valid for the given Debit Acct No | Request not valid for the given Debit Acct No |  |  |
|  |  |  |  |  |  |