Get Account Balance _v1.8
API Specification Document

Table of Contents

RBL BANK

This document needs to be completed by BSG & IT/Vendor for each Application /API.

Introduction
The get account balance API provides to fetch balance in bank account held by the customer with the bank.

List of API
List down the APIs part of the projects:

Sr. No	Name	Description
1	Account Balance from Account Number.	Provides Account Balance of the account number provided in input.

API Name
POST /balance/query

Description
The account balance provided for the given bank account number.

Transport protocol (SOAP / REST)
REST

API Request URLs
https://apideveloper.rblbank.com/test/sb/rbl/v1/accounts/balance/query

Access Requirement
The following are the information that needs to be passed in every invocation to access
1. Protocol Header – Authorization: Valid User Name and password in encoded in Base64 in the HTTP header called "Authorization" with a value "BASIC XXXXXXX" where XXXXXXX is the base64 encoded value for the string that contains username and password. For e.g. user0001:Pasww0rd!
2. URL Parameter – "client_id" with the value of the client Id obtained from the Advanced Developer Portal
3. URL Parameter – "client_secret" with the value of the client secret obtained from the Advanced Developer Portal
4. Client Certificate – A valid client certificate that the invoking App owner has shared with RBL API Administration team.

Request Parameters

Business Parameter Name	Description	Parameter Name	Parameter Type	Parameter Constraints	Comments
TranID	Transaction Id	TranID	String	MaxLength=20	Transaction ID is, a unique, generated by consumer of service.
Corp_ID	Corporate Id	Corp_ID	String	MaxLength=20	Unique ID assigned to each enrolled Corporate customer
Maker_ID	Maker Id	Maker_ID	String	MaxLength=20	Unique ID for creator of the request.
Checker_ID	Checker Id	Checker_ID	String	MaxLength=20	Unique ID for checker of the request.

Approver_ID	Approver Id	Approver_ID	String	MaxLength=20	Unique ID for approver of the request.
AcctId	AcctId	AcctId	String	MaxLength=16	Provide the account number for which balance is required
Signature	Signature	Signature	String	No max length defined.	Encrypted key for authenticating the request.

Request Sample

```
{
  "getAccountBalanceReq":{
  "Header": {
    "TranID": "TranID",
    "Corp_ID": "Corp_ID",
    "Maker_ID": "Maker_ID",
    "Checker_ID": "Checker_ID",
    "Approver_ID": "Approver_ID"
  },
  "Body": {
    "AcctId": "AcctId"
  },
  "Signature": {
      "Signature": "12345"
    }
}
}
```

Response Parameters

Business Parameter Name	Description	Parameter Name	Parameter Type	Parameter Constraints	Comments
TranID	Transaction Id	TranID	String	MaxLength=20	Transaction ID is, a unique, generated by consumer of service.
Corp_ID	Corporate Id	Corp_ID	String	MaxLength=20	Unique ID assigned to each enrolled Corporate customer
Maker_ID	Maker Id	Maker_ID	String	MaxLength=20	Unique ID for creator of the request.
Checker_ID	Checker Id	Checker_ID	String	MaxLength=20	Unique ID for checker of the request.
Approver_ID	Approver Id	Approver_ID	String	MaxLength=20	Unique ID for approver of the request.
Status	Status	Status	String	SUCCESS/ FAILURE	

Error_Cde	Error Code	Error_Cde	String		Provide error code, if error occurs.
Error_Desc	Error Description	Error_Desc	String		Provide error description, if error occurs.
amountValue	Amount	amountValue	String		Provides effective available balance of the account.
currencyCode	Currency Code	currencyCode	String	MaxLength=3	Provides Currency Code of the amount
Signature	Signature	Signature	String	No max length defined.	Encrypted key for authenticating the request.

Response Sample

```
{
   "getAccountBalanceRes": {
      "Header": {
         "TranID": "TranID",

         "Corp_ID": "Corp_ID",
         "Maker_ID": "Maker_ID",
         "Checker_ID": "Checker_ID",
         "Approver_ID": "Approver_ID",
         "Status": "Status",
         "Error_Cde": "Error_Cde",
         "Error_Desc": "Error_Desc"
      },
      "Body": {
            "BalAmt": {
               "amountValue": "63.64149999999999",
               "currencyCode": "INR"
            }
      },
      "Signature": {
         "Signature": "12345"
      }
   }
}
```

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		
ER007	Business	Other FI Error	Other FI Error		
ER008	Validation	Invalid Corporate Hierarchy	Invalid Corporate Hierarchy		

Appendix

List of mandatory tags for request and response

ACCOUNT BALANCE REQUEST		
FIELDS	**TAGS MANDATORY**	**VALUES MANDATORY**
Header	Y	NA
Header/TranID	Y	Y
Header/Corp_ID	Y	Y
Header/Maker_ID	Y	N
Header/Checker_ID	Y	N
Header/Approver_ID	Y	N
Body	Y	NA
Body/AcctId	Y	Y
Signature	Y	NA
Signature/Signature	Y	N

ACCOUNT BALANCE RESPONSE		
SUCCESS		
FIELDS	**TAGS MANDATORY**	**VALUES MANDATORY**
Header	Y	NA
Header/TranID	Y	Y
Header/Corp_ID	Y	Y
Header/Maker_ID	Y	N
Header/Checker_ID	Y	N
Header/Approver_ID	Y	N
Header/Status	Y	Y
Header/Error_Cde	Y	N
Header/Error_Desc	Y	N
Body	Y	NA
Body/BalAmt/amountValue	Y	Y
Body/BalAmt/currencyCode	Y	Y
Signature	Y	NA
Signature/Signature	Y	N

ERROR		
FIELDS	**TAGS MANDATORY**	**VALUES MANDATORY**
Header	Y	NA
Header/TranID	Y	Y
Header/Corp_ID	Y	Y
Header/Maker_ID	Y	N
Header/Checker_ID	Y	N

Header/Approver_ID	Y	N
Header/Status	Y	Y
Header/Error_Cde	Y	Y
Header/Error_Desc	Y	Y
Body	N	NA
Body/BalAmt/amountValue	N	N
Body/BalAmt/currencyCode	N	N
Signature	Y	NA
Signature/Signature	Y	N