**<Statement with Remitter Details API>**

**API Specification Document**

**API Description Document**

**Requestor**

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

**Approvals**

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

**Revision History**

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# *Introduction*

*Project – RBL API Banking*

*Account Statement with Remitter details API is for generate the Corporate customer‘s Debit/Credit/both Account Statement with Remitter details for the date rage provided in the field i.e., date given in From date and to date field*

# *List of API*

1. *List down the APIs part of the projects:*

|  |  |  |
| --- | --- | --- |
| **Sr. No** | **Name** | **Description** |
| 1 | Account Statement with Remitter details | Debit/Credit/Both account statement can be fetched as per details provided in From date and To date field along with Remitter details (Remitter Name, Remitter Account, Remitter IFSC Code) |

## API Name

## getAcctStmtWithRemitterDetails

## Description

1. *Account Statement for a specified date range will be provided for debit, credit or both.*

## Process flow, UML Diagram

*Please add detailed process flow, UML diagram where were necessary.*

## Transport protocol (SOAP / REST)

1. *REST*

## API Request URLs

[*https://apideveloper.rblbank.com/test/sb/rbl/v1/remitter-account-statement*](https://apideveloper.rblbank.com/test/sb/rbl/v1/remitter-account-statement)

## Request Parameters

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Business Parameter Name** | **Description** | **Parameter Name** | **Parameter Type** | **Parameter Constraints** | **Comments** |
| TranID | Transaction Id | TranID | String | Alphanumeric and ‘\_’  MaxLength = 16 | Transaction ID generated by consumer of service  which is unique |
| Corp\_ID | Corporate Id | Corp\_ID | String | Alphanumeric and ‘\_’  MaxLength = 20 | Unique ID assigned to each enrolled Corporate |
| Approver\_ID | Approver Id | Approver\_ID | String | Alphanumeric and ‘\_’  MaxLength = 20 | Unique ID for request approver |
| Acc\_No | Account Number | Acc\_No | String | Alphanumeric and ‘\_’  MaxLength = 16 | Holds the Finacle Account ID. |
| Tran\_Type | TransactionType | Tran\_Type | Character | Allowed values - D/C/B | Provides transaction type(debit(D) or credit(C) or both(B)) |
| From\_Dt | From Date | From\_Dt | String | Format –  dd-mm-yyyy | Holds the date from which the transaction details are required for the account |
| Amount\_Value | Amount | amountValue | String |  | This is the Amount of the last transaction in previous response |
| Currency\_Code | Currency Code | currencyCode | String |  | This is the Currency Code of the last transaction in previous response |
| Last\_Pstd\_Date | Last Post Date | pstdDate | String | Format – dd-mm-yyyy 00:00:00 | This is the posted date of the last transaction in previous response |
| Last\_Txn\_Date | Last Transaction Date | txnDate | String | Format - dd-mm-yyyy | This is the transaction date of the last transaction in previous response |
| Last\_Txn\_Id | Last Transaction Id | txnId | String |  | This is the transaction ID of the last transaction in previous response |
| Last\_Txn\_SrlNo | Last Transaction Serial Number | txnSrlNo | String |  | This is the transaction serial number of the last transaction in previous response. |
| To\_Dt | To Date | To\_Dt | String | Format –  dd-mm-yyyy | Holds the date up to which the transaction details are required for the account. |
| Signature | Signature | Signature | String | No max length defined. | Encrypted key for authenticating the request. Currently not required. |

## Request Sample

*{*

*"Acc\_Stmt\_With\_Remitter\_Details\_Req":{*

*"Header":{*

*"TranID":"2017091900021",*

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

*"Maker\_ID":"M002",*

*"Checker\_ID":"C003",*

*"Approver\_ID":"A004"*

*},*

*"Body":{*

*"Acc\_No":"1256905",*

*"Tran\_Type":"B",*

*"From\_Date":"10-10-2017",*

*"To\_Date":"10-10-2017",*

*"Pagination\_Details":{*

*"Last\_Balance":"",*

*"Amount\_Value":"",*

*"Currency\_Code":"",*

*"Last\_Pstd\_Date":"",*

*"Last\_Txn\_Date":"",*

*"Last\_Txn\_Id":"",*

*"Last\_Txn\_SrlNo":""*

*}*

*},*

*"Signature":{*

*"Signature":"abc2345"*

*}*

*}*

*}*

## Response Parameters

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Business Parameter Name** | **Description** | **Parameter Name** | **Parameter Type** | **Parameter Constraints** | **Comments** |
| TranID | Transaction Id | TranID | String | Alphanumeric and ‘\_’  MaxLength = 16 | Transaction Id that will be entered by the customer and it will be unique for each request. |
| Corp\_ID | Corporate Id | Corp\_ID | String | Alphanumeric and ‘\_’  MaxLength = 20 | Unique ID assigned to each enrolled Corporate |  |  |  |
| Approver\_ID | Approver Id | Approver\_ID | String | Alphanumeric and ‘\_’  MaxLength = 20 | Unique ID for request approver |  |  |  |
| Status | Status | Status | String | SUCCESS/ FAILURE | Transaction Status |  |  |  |
| Error\_Cde | Error Code | Error\_Cde | String |  | If Error occurs provides error code |  |  |  |
| Error\_Desc | Error Description | Error\_Desc | String |  | If Error occurs provides error description |  |  |  |
| acid | Account Number | Acid | String |  | Holds the Finacle Account ID. |
| amountValue | Amount | amountValue | String |  | Provides available balance amount of the account |
| currencyCode | Currency Code | currencyCode | String |  | Provides Currency Code of the amount |
| branchId | Branch Id | branchId | String |  | Provides the Finacle branch id |
| currencyCode | Currency Code | currencyCode | String |  | Provides Currency Code of the amount |
| amountValue | Amount | amountValue | String |  | This is the amount avaiable in the FFD |
| currencyCode | Currency Code | currencyCode | String |  | Provides Currency Code of the amount |
| amountValue | Amount | amountValue | String |  | This field shows the amount which has been lodged for outward clearing. When a release to shadow balance is done, the amount present in this field gets transferred to the field “Funds in Clearing”. |
| currencyCode | Currency Code | currencyCode | String |  | Provides Currency Code of the amount |
| amountValue | Amount | amountValue | String |  | This is clear and unclear balance amount |
| currencyCode | Currency Code | currencyCode | String |  | Provides Currency Code of the amount |
| amountValue | Amount | amountValue | String |  | Provides available balance amount in the user's account |
| currencyCode | Currency Code | currencyCode | String |  | Provides Currency Code of the amount |
| hasMoreData | Has More Data | hasMoreData | Character |  | Either 'Y' or “”. If 'Y' then it has more transactions. If “” then no more transactions. |
| pstdDate | Post Date | pstdDate | String | Format – dd-mm-yyyy 00:00:00 | Provides the transaction posted date. |
| instrumentId | Instrument Id | instrumentId | String |  | Provides instrument ID for the transaction. |
| amountValue | Amount | amountValue | String |  | Provides the adhoc limit granted to account |
| currencyCode | Currency Code | currencyCode | String |  | Provides Currency Code of the amount |
| txnDate | Transaction Date | txnDate | String | Format – dd-mm-yyyy | Provides transaction date. |
| txnDesc | Transaction Description | txnDesc | String |  | Provides particulars related to the transaction. |
| txnType | Transaction Type | txnType | Character |  | D/C/B  Provides transaction type(debit(D) or credit(C) or both(B)) |
| amountValue | Amount | amountValue | String |  | Provides the adhoc limit granted to account |
| currencyCode | Currency Code | currencyCode | String |  | Provides Currency Code of the amount |
| txnCat | Transaction Category | txnCat | String |  | Provides transaction category (type(length 1 char) and sub type(length 2 char)).The type has possible values C - Cash, T - Transfer, L - Clearing .The subtype has the possible values BI, CI, NP, NR |
| txnId | Transaction Id | txnId | String |  | Provides transaction ID of the inquiry |
| txnSrlNo | Transaction Serial Number | txnSrlNo | String |  | Provides transaction serial number of the inquiry. |
| valueDate | Value Date | valueDate | String | Format – dd-mm-yyyy | Provides business date of the transaction |
| SENDER\_IFSC | Sender IFSC code | SENDER\_IFSC | Varchar2 |  | Provides Ref\_Number from Core system |
| SENDER\_ACC\_NO | Sender Account No | SENDER\_ACC\_NO | Varchar2 |  | Provides transaction Particulars from Core system |
| SENDER\_NAME | Sender Name | SENDER\_NAME | Varchar2 |  | Provides Transaction remarks from Core system |
| Signature | Signature | Signature | String | No max length defined. | Encrypted key for authenticating the request. Currently not required. |

## Response Sample

*{*

*"Acc\_Stmt\_With\_Remitter\_Details\_Res": {*

*"Header": {*

*"TranID": "2017091900021",*

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

*"Maker\_ID": "M002",*

*"Checker\_ID": "C003",*

*"Approver\_ID": "A004"*

*},*

*"Body": {*

*"Status": "SUCCESS",*

*"Error\_Cde": "",*

*"Error\_Desc": "",*

*"accountBalances": {*

*"acid": "1256905",*

*"availableBalance": {*

*"amountValue": "9996532.60",*

*"currencyCode": "INR"*

*},*

*"branchId": "1",*

*"currencyCode": "INR",*

*"fFDBalance": {*

*"amountValue": "0.00",*

*"currencyCode": "INR"*

*},*

*"floatingBalance": {*

*"amountValue": "0.00",*

*"currencyCode": "INR"*

*},*

*"ledgerBalance": {*

*"amountValue": "10215985.42",*

*"currencyCode": "INR"*

*},*

*"userDefinedBalance": {*

*"amountValue": "9996532.60",*

*"currencyCode": "INR"*

*}*

*},*

*"hasMoreData": "N",*

*"transactionDetails": [*

*{*

*"pstdDate": "10-10-2017 12:07:07",*

*"transactionSummary": {*

*"instrumentId": {},*

*"txnAmt": {*

*"amountValue": "19",*

*"currencyCode": "INR"*

*},*

*"txnDate": "10-10-2017",*

*"txnDesc": "FARIDA",*

*"txnType": "D"*

*},*

*"txnBalance": {*

*"amountValue": "10218124.43",*

*"currencyCode": "INR"*

*},*

*"txnCat": "TCI",*

*"txnId": "M1676",*

*"txnSrlNo": "1",*

*"valueDate": "10-10-2017",*

*"SENDER\_IFSC": {},*

*"SENDER\_ACC\_NO": {},*

*"SENDER\_NAME": {}*

*},*

*{*

*"pstdDate": "10-10-2017 15:23:14",*

*"transactionSummary": {*

*"instrumentId": {},*

*"txnAmt": {*

*"amountValue": ".46",*

*"currencyCode": "INR"*

*},*

*"txnDate": "10-10-2017",*

*"txnDesc": "728315406860-ACCOUNT VALIDATION",*

*"txnType": "D"*

*},*

*"txnBalance": {*

*"amountValue": "10218095.43",*

*"currencyCode": "INR"*

*},*

*"txnCat": "TCI",*

*"txnId": "M2448",*

*"txnSrlNo": "5",*

*"valueDate": "10-10-2017",*

*"SENDER\_IFSC": {},*

*"SENDER\_ACC\_NO": {},*

*"SENDER\_NAME": {}*

*}*

*]*

*},*

*"Signature": {"Signature": "abc2345"}*

*}*

*}*

## 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 |  |  |
| ER017 | Technical | Error Occurred While Calling the Provider Service | Error Occurred While Calling the Provider Service |  |  |
| ER018 | DB Error | Error Occurred While Accessing The ESB Database | Error Occurred While Accessing The ESB Database |  |  |
| ER034 | Validation | Request not valid for the given Account Number | Request not valid for the given Account Number |  |  |

Mandatory Tags Document

