**<Account Statement Wrapper>**

**API Specification Document**

**Table of Contents**

[1. Scope and Business Case Overview 4](#__RefHeading___Toc413661394)

[1.1 Project Overview 4](#__RefHeading___Toc413661395)

[1.2 Current process & opportunity 4](#__RefHeading___Toc413661396)

[1.3 High-level business requirements 4](#__RefHeading___Toc413661397)

[1.3.1 Functional Requirement 4](#__RefHeading___Toc413661398)

[1.3.2 Non- Functional Requirement 4](#__RefHeading___Toc413661399)

[1.4 Business Benefit Case 4](#__RefHeading___Toc413661400)

[1.4.1 Financial Benefit 4](#__RefHeading___Toc413661401)

[1.4.2 Non-Financial Benefit 4](#__RefHeading___Toc413661402)

[2. Acceptance Criteria & Project Plan 5](#__RefHeading___Toc413661403)

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

# *Introduction*

1. By using this API we can get customer’s debit/credit/both account statement for Monthly, Quarterly, Half Yearly and Yearly basis

# *List of API*

*List down the ……….*

|  |  |  |
| --- | --- | --- |
| **Sr. No** | **Name** | **Description** |
| 1 | *Account Statement Wrapper* | *Account Statement for a specified period will be provided for debit, credit or both.* |

## API Name

1. *getAccStmtWrapper*

## Description

1. *Monthly/Quaterly/Half-Yearly/Yearly account Statement for the specified period will be provided for debit, credit or both.*

## Transport protocol (SOAP / REST)

*REST*

## API Request URLs

<https://apideveloper.rblbank.com/test/sb/rbl/v1/cas/statement_wrapper>

***Access Requirement***

## 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 | Transaction Type | Tran\_Type | Character | Allowed values - D/C/B | Provides transaction type(debit(D) or credit(C) or both(B)) |
| Period | Period | Period | Character | Allowed values -M/Q/H/Y | Provides period choice (monthly(M) or quaterly(Q) or half-yearly(H) or yearly(Y)) |
| 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 |  | This is the posted date of the last transaction in previous response |
| Last\_Txn\_Date | Last Transaction Date | txnDate | String |  | 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. |
| Signature | Signature | Signature | String | No max length defined. | Encrypted key for authenticating the request. Currently not required. |

## Request Sample

*{*

*"Acc\_Stmt\_Period\_Req": {*

*"Header": {*

*"TranID": "T01",*

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

*"Approver\_ID": "A001"*

*},*

*"Body": {*

*"Acc\_No": "100881000000236",*

*"Tran\_Type": "D",*

*"Period": "M",*

*"Pagination\_Details": {*

*"Last\_Balance": {*

*"Amount\_Value": "",*

*"Currency\_Code": ""*

*},*

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

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

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

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

*}*

*},*

*"Signature": {*

*"Signature": "Signature"*

*}*

*}*

*}*

## 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. |
| 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 | MaxLength = 1 | Either 'Y' or “”. If 'Y' then it has more transactions. If “” then no more transactions. |
| pstdDate | Post Date | pstdDate | String |  | 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 |  | 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 |  | Provides business date of the transaction |
| Signature | Signature | Signature | String | No max length defined. | Encrypted key for authenticating the request. Currently not required. |

## Response Sample

1. *{"Acc\_Stmt\_Period\_Res": {*
2. *"Header": {*
3. *"TranID": "T01",*
4. *"Corp\_ID": "MC001",*
5. *"Approver\_ID": "A001",*
6. *"Status": "SUCCESS",*
7. *"Error\_Cde": "",*
8. *"Error\_Desc": ""*
9. *},*
10. *"Body": {*
11. *"accountBalances": {*
12. *"acid": "1008810030000236",*
13. *"availableBalance": {*
14. *"amountValue": "0.00",*
15. *"currencyCode": "INR"*
16. *},*
17. *"branchId": "0001",*
18. *"currencyCode": "INR",*
19. *"fFDBalance": {*
20. *"amountValue": "0.00",*
21. *"currencyCode": "INR"*
22. *},*
23. *"floatingBalance": {*
24. *"amountValue": "0.00",*
25. *"currencyCode": "INR"*
26. *},*
27. *"ledgerBalance": {*
28. *"amountValue": "20.00",*
29. *"currencyCode": "INR"*
30. *},*
31. *"userDefinedBalance": {*
32. *"amountValue": "0.00",*
33. *"currencyCode": "INR"*
34. *}*
35. *},*
36. *"hasMoreData": "",*
37. *"transactionDetails": [*
38. *{*
39. *"pstdDate": "2016-03-02T15:11:56.000",*
40. *"transactionSummary": {*
41. *"instrumentId": " ",*
42. *"txnAmt": {*
43. *"amountValue": "9700.00",*
44. *"currencyCode": "INR"*
45. *},*
46. *"txnDate": "2016-03-02T00:00:00.000",*
47. *"txnDesc": "NEFT/RATNN16062902677/AMERICAN EXPRESS ",*
48. *"txnType": "D"*
49. *},*
50. *"txnBalance": {*
51. *"amountValue": "4468.43",*
52. *"currencyCode": "INR"*
53. *},*
54. *"txnCat": "TCI",*
55. *"txnId": " S2486",*
56. *"txnSrlNo": " 1",*
57. *"valueDate": "2016-03-02T00:00:00.000"*
58. *},*
59. *{*
60. *"pstdDate": "2016-03-04T09:21:37.000",*
61. *"transactionSummary": {*
62. *"instrumentId": " ",*
63. *"txnAmt": {*
64. *"amountValue": "900.00",*
65. *"currencyCode": "INR"*
66. *},*
67. *"txnDate": "2016-03-04T00:00:00.000",*
68. *"txnDesc": "ATW/4591830000000312/+SBI MHADA CHANDIVALI MUMBAI",*
69. *"txnType": "D"*
70. *},*
71. *"txnBalance": {*
72. *"amountValue": "3255.43",*
73. *"currencyCode": "INR"*
74. *},*
75. *"txnCat": "TCI",*
76. *"txnId": " S104798",*
77. *"txnSrlNo": " 1",*
78. *"valueDate": "2016-03-04T00:00:00.000"*
79. *}*
81. *]*
82. *},*
83. *"Signature": {"Signature": "Signature"}*
84. *}}*

## 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 |  |  |

# *Appendix*

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

|  |  |  |
| --- | --- | --- |
| **TITLE** | | |
| **FIELDS** | **TAGS MANDATORY** | **VALUES MANDATORY** |
| "Acc\_No": | Account Number | Mandatory field |
| "Tran\_Type" | Transaction Type (Debit/Credit/Both) | Mandatory field |
| "Period" | Period for which statement is required  (M-Monthly  Q- Quarterly  H- Half yearly  Y – Yearly) | Mandatory field |

|  |  |  |
| --- | --- | --- |
| **ERROR** | | |
| **FIELDS** | **TAGS MANDATORY** | **VALUES MANDATORY** |
|  |  |  |
|  |  |  |
|  |  |  |