RBL BANK LTD

**Onboarding API for RDA**



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**Version: 1.01**

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**\*\*\*\* Version History \*\*\*\***

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| **Date** | **Version** | **Amendment Comments**  **(relating to version being introduced)** | **Owner** |
| 01-8-2018 | 1.01 | Onboarding API for RDA | Siddharth Goyal |
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#### *Introduction*

This is to insert the corporate ID and the account number in the data base while corporate onboarding through the avenues system

#### *Description*

This is to insert the corporate ID and the account number in the data base while corporate onboarding through the avenues system. This remit ID is the identifier for which account to be debited.

#### *Transport protocol (SOAP / REST)*

*REST*

#### *API Request URLs*

<http://10.100.114.28:80>/rbl/api/remitdebitmap

#### Access Requirements

* API endpoints to be used for consuming the service as provided above
* Basic Authorization to be used using the LDAP userid and password
* Client\_id and Client\_secret are to use as Params as Key and Value s (Need to remove spaces before and after the client id and client secret value field)
* Request type should be application/Json

#### Request Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Mandatory** | **Max. Length** | **Description** |
| Tran ID | Field will accept only Alphanumeric values & ‘\_’ No special characters will be allowed except above mentioned | Yes | 20 | This ID should be generated by the customers, transaction will be identified using this ID, for inquiry purpose this ID can be used. Once transaction received against this number, customer cannot initiate another transaction under this number. |
| Corp\_ID | Field will accept only Alphanumeric values & ‘\_’ No special characters will be allowed except above mentioned | Yes | 20 | This is a unique ID assigned to each corporate for identification, once customer onboarding process is completed. Bank will provide this ID. |
| Remit\_ID | Field will accept only Alphanumeric values No special characters will be allowed | No | 30 | This field is the remid ID of the corporate for RDA |
| Debit\_Acc | Field will accept only numeric values. No special characters will be allowed | No | 16 | This is the account number which is to be mapped in the system with the remit ID for RDA |

#### *Response Parameters*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Value Mandatory** | **Length** | **Description** |
| Tran ID | Field will accept only Alphanumeric values  No special characters will be allowed except above mentioned | Yes | MinLength =1 MaxLength=16 | This is an ID should be generated by the customers, transaction will be identified using this ID, for inquiry purpose this ID can be used. Once transaction received against this number, customer cannot initiate another transaction under this number. For any failures the customer should first initiate the inquiry API before re-initiating the same transaction under same ID or new ID |
| Corp\_ID |  | Yes | MinLength =1 MaxLength=20 | This is a unique ID assigned to each corporate for identification, once customer onboarding process is completed. Bank will provide this ID |
| Status | Field will show alphabetic values (Success/Faikure) | Yes | NA | This will have the status of the insert of the remit ID and account number. Below are the possible values.   1. Success 2. Failure |
| StatusDesc | Field will show only Alphabetic values  No special characters will be allowed | Yes | NA | This shows if the data was inserted in the table or not. Below are the possible values.   1. Successfully inserted 2. Already exists |
| ErrorCode | Field will accept only Alphanumeric values  No special characters will be allowed except above mentioned | Yes | NA | This will show the erro codes for the application. |
|  |  | Yes | If Name match = 100%  & DOB/address/docNumber/driv/PAN/UID/voterID/rationcardno. = 100% | Match three parameters with the values in negative list, “Reject” response is received |
|  |  | Yes | If Name match = 100%  Or DOB/address/docNumber/driving license/PAN/UID/voterID/rationcardno. = 100% | For Full match with the values in negative list, “NSTP” response is received |
|  |  | Yes | Match flag “Yes” but percentage 98% then STP But investigation required. | If match tag is in between minimum threshold to maximum threshold |

1. **Success - Request and Response Sample**

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| --- | --- | --- |
| **Type of action** | **Request** | **Response** |
| **Success Scenario** | {  "RDADebitRemitMapReq": {  "Header": {  "TranID": "I3340224004",  "Corp\_ID": "Test",  "Maker\_ID": "",  "Checker\_ID": "",  "Approver\_ID": ""  },  "Body": {  "Remit\_ID": "610073925393",  "Debit\_Acc": "123456789012"  }  }  } | {"RDADebitRemitMapRes": {  "Header": {  "TranID": "I3340224004",  "Corp\_ID": "Test"  },  "Body": {  "Status": "Success",  "StatusDesc": "Successfully inserted",  "ErrorCode": ""  }  }} |

1. **When we delete some tags getting Schema Validation Response Failure**

|  |  |  |
| --- | --- | --- |
| **Type of action** | **Request** | **Response** |
| **Schema Validation Failure** | {  "RDADebitRemitMapReq": {  "Header": {  "TranID": "I3340224004",  "Corp\_ID": "Test",  "Maker\_ID": "",  "Checker\_ID": "",  "Approver\_ID": ""  },  "Body": {  "Remit\_ID": "610073925393",    }  }  } | {"getAccDetailsRes": {"Header": {  "Status": "Failure",  "ErrorCode": "ERR\_\_DI\_007",  "StatusDesc": "Schema Validation Failure"  }}} |

1. **when we delete “TranID” and “Corp\_ID” getting Technical Failure response**

|  |  |  |
| --- | --- | --- |
| **Type of action** | **Request** | **Response** |
| **Technical Failure response** | {  "RDADebitRemitMapReq": {  "Header": {    "Maker\_ID": "",  "Checker\_ID": "",  "Approver\_ID": ""  },  "Body": {  "Remit\_ID": "610073925393",  "Debit\_Acc": "123456789012"  }  }  } | {"getAccDetailsRes": {"Header": {  "Status": "Failure",  "ErrorCode": "ERR\_DI\_011",  "StatusDesc": "Technical Failure"  }}} |

1. **Failure - Request and Response Sample when we keep “TranID” and "Corp\_ID" field blank**

|  |  |  |
| --- | --- | --- |
| **Type of action** | **Request** | **Response** |
| **Failure** | {  "RDADebitRemitMapReq": {  "Header": {  "TranID": "",  "Corp\_ID": "",  "Maker\_ID": "",  "Checker\_ID": "",  "Approver\_ID": ""  },  "Body": {  "Remit\_ID": "610073925393",  "Debit\_Acc": "123456789012"  }  }  } | {"getAccDetailsRes": {"Header": {  "Status": "Failure",  "ErrorCode": "ERR\_DI\_011",  "StatusDesc": "Technical Failure"  }}} |

#### Error Codes and Description

1. To be added

#### Technical Failure Codes and Description

|  |  |  |  |
| --- | --- | --- | --- |
| **Error Code** | **Category** | **Error Message** | **Description** |
| ERRAO006 | Failure | Technical Failure | This is an technical failure error. This error will occur **w**hen we left “TranID” and "Corp\_ID" field blank |
| ERRAO006 | Technical Failure | Technical Failure | This is an technical failure error. This error will occur when we delete “TranID” and “Corp\_ID” getting Technical Failure response. |
| ERRAO003 | Schema Validation Response | Schema Validation Failure | This is an Schema Validation Failure. This error will occur When we delete some tags getting Schema Validation Response Failure |
| ERRAO001 | Timeout Exception Occured | Timeout Exception Occurred | Timeout Exception Occurred error occurred when take time to receive the response |
| ERRAO002 | Improper JSON Format | Improper JSON Format | Improper JSON Format error occurred when we enters extra special characters or any unwanted tag |
| ERRJW001 | Duplicate TranID | Duplicate TranID | Duplicate TranID error occurred when we heat the request with same TranID |
| ERRJW002 | Invalid Entry | Invalid Entry | Invalid Entry error occurred when we enters any invalid entry in the request tags |
| ERRAO004 | Error Occurred While Calling the Provider Service | Error Occurred While Calling the Provider Service | Error Occurred While Calling the Provider Service |
| ERRAO005 | ERRAO005 | Error Occurred While Accessing The ESB Database | Error Occurred While Accessing The ESB Database |