

**Prepaid API Specification Document**

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**Version 2.1**

**Revision History**

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# Purpose

The purpose of the document is to provide the APIs for Prepaid scenario use cases. Many of the APIs usage are dependent on business flow they are designed for and hence may not be used standalone.

# API Definition

Application programming interface is a middleware that communicates between the host system and the front end application. This API connects the Prepaid platform with the banking front end channel. This API is built with standard XML protocol for portability and easy integration.

# About XML

XML provides a Rich text-based to describe and also apply a tree-based structure for information processing. At its base level, all information manifests as text, interspersed with markup that indicates the information's separation into a hierarchy of character data, container-like elements, and attributes of those elements. In this respect, it is similar to the LISP programming language's S-expressions, which describe tree structures wherein each node may have its own property list.

The fundamental unit in XML is the character, as defined by the Universal Character Set. Characters are combined to form an XML document. The document consists of one or more entities, each of which is typically some portion of the document's characters, stored in a text file.

XML files may be served with a variety of Media types. RFC 3023 defines the types "application/xml" and "text/xml", which say only that the data is in XML, and nothing about its semantics. The use of "text/xml" has been criticized as a potential source of encoding problems but now is in the process of being deprecated RFC 3023 also recommends that XML-based languages be given media types beginning in "application/" and ending in "+xml"; for example "application/atom+xml" for Atom. This page discusses further XML and MIME.

The ubiquity of text file authoring software (basic text editors such as Notepad and Text Edit as well as word processors) facilitates rapid XML document authoring and maintenance. Prior to the advent of XML, there were very few data description languages that were general-purpose, Internet protocol-friendly, and very easy to learn and author. In fact, most data interchange formats were proprietary, special-purpose, "binary" formats (based foremost on bit sequences rather than characters) that could not be easily shared by different software applications or across different computing platforms, much less authored and maintained in common text editors.

# API Request URL

<https://apideveloper.rblbank.com/test/sb/rbl/api/v1/prepaidplan>

# API Details

## Channel partner login

This is the XML service exposed by the Channel Partners authentication to the RBL. The Login API is designed to allow create login session active for 1 hour after that it needs to regenerate.

### Request

<channelpartnerloginreq>

<username>kartik</username>

<password>50D8DDE5C4B98B57C600982A65E645ED0C16B28B</password>

<bcagent>eur1012333</bcagent>

</channelpartnerloginreq>

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Length** | **Description** |
| Username\* | String | 5-29 | Describes the Channel partner user name maintained by the RBL. |
| Password\* | String | 5-39 | Describe the API password given by RBL |
| Bcagent\* | String | 5-49 | Describes the Partner’s branch maintained. |

### Response

<?xml version="1.0" encoding="utf-16" standalone="no"?>

<channelpartnerloginres>

<sessiontoken>50D8DDE5C4B98B57C600982A65E645ED0C16B28BFB59069209E192D0AEDAC6F15151EB3F7E94BCF85FD78209F5D5FBA05A47CEE802B7B2C899369C48</sessiontoken>

<timeout>10/11/2017 2:14:44 PM</timeout>

<status>1</status>

</channelpartnerloginres>

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Length** | **Description** |
| Sessiontoken | String | 1-200 | Session is created after validating the Credentials. This Key serves as the identifier for consumption of other API’s. |
| Timeout | Date Time | 5-49 | Describes the login logout .Format(mm/dd/yyyy h:mm:ss AM/PM) |
| Status | Int | 1 | 0-failure  1-success |

## Customer on Boarding with card (KYC Auto approved)

This xml is used to create the Customer and allocate the Card and activate the Card. The assumption here is Card is already created and available in the form of INSTA Card.

### Request

<customeOnboardingreq>

<header>

<sessiontoken>50D8DDE5C4B98B57C600982A65E645ED0C16B28BFB59069209E192D0AEDAC6F15151EB3F5016D8C5800F35A79389AF1CB7F30B7102B7B2C899369C48</sessiontoken>

</header>

<bcagent>eur1012333</bcagent>

<firstname>Mri</firstname>

<middlename></middlename >

<lastname>Singh</lastname>

<dateofbirth>09/09/1993</dateofbirth>

<gender>Female</gender>

<mothermaidenname></mothermaidenname>

<nationality>Indian</nationality>

<occupation>Banker</occupation>

<resaddress1>106, Riverra</resaddress1>

<resaddress2>106, Riverra</resaddress2>

<city>Mumabi</city>

<state>Maharashtra</state>

<pincode>401001</pincode>

<rescountry>India</rescountry >

<mobilenumber>9815384427</mobilenumber>

<emailaddress>Mrinalini.Baindara@rblbank.com</emailaddress>

<laddress1>106, Riverra</laddress1>

<laddress2>106, Riverra</laddress2>

<lcity>Alwar</lcity>

<lstate>Raj.</lstate>

<lpincode>301001</lpincode>

<lcountry>India</lcountry>

<CustomerStatus>2</CustomerStatus>

<CustomerType>12</CustomerType>

<SourceIncomeType>13</SourceIncomeType>

<AnnualIncome>7</AnnualIncome>

<PoliticallyExposedPerson>1</PoliticallyExposedPerson>

<cardAlias>RG00000000002849</cardAlias>

<product>PVP1</product>

<actioncode>11</actioncode>

<fatcadecl>1</fatcadecl>

</customeOnboardingreq>

| **Field Name**  **(\* Mandatory)** | **Data Type** | **Length** | **Description** |
| --- | --- | --- | --- |
| sessiontoken\* | String | 1-200 | Session created at the time of login is used here |
| bcagent\* | String | 3-49 | Describes the Partner’s branch maintained |
| firstname\* | String | 3-50 | Describes the customer first name |
| Middlename | String | 3-50 | Describes the customer middle name |
| lastname\* | String | 3-50 | Describes the customer last name |
| dateofbirth\* | Date | 15 | Describes the customer Date of birth (MM/DD/YYYY) |
| gender\* | String | 3-49 | Describes the customer gender Male/Female |
| Mothermaidenname | String | 3-49 | Describes the customer’s mother maiden name |
| nationality\* | String | 10 | Describes the customer nationality |
| occupation\* | String | 1-10 | Describes the customer occupation |
| resaddress1\* | String | 5-199 | Describes the customer residential address1 |
| resaddress2\* | String | 5-199 | Describes the customer residential address2 |
| city\* | String | 3-49 | Describes the customer city |
| state\* | String | 3-49 | Describes the customer state |
| pincode\* | String | 10 | Describes the pin code number |
| rescountry\* | String | 20 | Describes the customer country |
| mobilenumber\* | Int | 10 | Describes the customer mobile number |
| Emailaddress | String | 3-49 | Describes the customer email address |
| laddress1 | String | 3-49 | Describes the customer permanent address1 |
| laddress2 | String | 1-49 | Describes the customer permanent address1 |
| Lcity | String | 3-49 | Describes the customer permanent city |
| Lstate | String | 3-49 | Describes the customer permanent state |
| Lpincode | String | 3-49 | Describes the permanent pincode |
| Lcountry | String | 3-49 | Describes the customer country |
| CustomerStatus\* | Int | 1-2 | Describes the customer status  **1-individual 2-Non-Individual(Same for both UAT and Prod)** |
| CustomerType\* | Int | 1-2 | Describes the customer type in UAT  **16-Salaried 15-Self Employed including Professional 14-Farmer 17-Housewife 12-Minor**  Describes the customer type in Prod  **1-Salaried 2-Self Employed including Professional 3-Farmer 4-Housewife 5-Minor** |
| SourceIncomeType\* | Int | 1-2 | Describes the customer source of income values in UAT  **8- Govt 9- Public sector 10- Private Sector 11- Business 13- Agriculture 12- Dependent**  Describes the customer source of income values in Prod  **1- Govt 2- Public sector 3- Private Sector 4- Business 5- Agriculture 6- Dependent** |
| AnnualIncome\* | Int | 1-2 | **Describes the customer annual income value in UAT**  **6- Rs. 0.00 lacs to Rs. 2.00 Lacs**  **7- Rs. 2.00 Lacs to Rs. 5 Lacs**  **8- Rs. 5 Lacs to Rs. 10 Lacs**  **9- More than Rs. 10 Lacs**  Describes the customer annual income values in Prod  **1- Rs. 0.00 lacs to Rs. 2.00 Lacs**  **2- Rs. 2.00 Lacs to Rs. 5 Lacs**  **3- Rs. 5 Lacs to Rs. 10 Lacs**  **4- More than Rs. 10 Lacs** |
| PoliticallyExposedPerson\* | Int | 1-2 | Describes if PEP or not  **1-Yes 0-No** |
| cardalias\* | String | 1-20 | Card reference number |
| product\* | String | 20 | Describes the card product hard code |
| actioncode\* | Int | 1-2 | 11 – Link Pre-Generated Instrument/ InstaCard  06 – Update Customer Detail |
| Fatcadecl\* | String | 2 | Describes whether the customer is tax resident of India or not  0 – Individual is tax resident of outside India  1 – Individual is tax resident of India |

### Response

<?xml version="1.0" encoding="utf-8" standalone="no"?>

<customerupdationrmres>

<status>1</status>

<bcagent>eur1012333</bcagent>

<customerid>4133515</customerid>

<CardAlias>RG00000000002849</CardAlias>

<CrdProduct>RGP1</CrdProduct>

<CardDescription>SUCCESS</CardDescription>

</customerupdationrmres>

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Length** | **Description** |
| Status | Int | 1 | 0-failure  1-success |
| Bcagent | String | 3-49 | Describes the Partner’s branch maintained |
| customerid\* | Int | 12 | Unique Identifier number for customer |
| CardAlias | String | 1-20 | Card reference number |
| CrdProduct | String | 5 | The card product reference |
| CardDescription | String | 50 | Response description |

## Customer Physical Card Onboarding (Customer validation and KYC approval is needed)

### Request

<CustomerPhysicalCardOnboardingreq>

<header>

<sessiontoken>50D8DDE5C4B98B57C600982A65E645ED0C16B28BFB59069209E192D09681AFC9A3C47B9A5E1CBF2901D12BD57BD1B3B99BB90A70381FA41579F21319</sessiontoken>

</header>

<bcagent>eur1012333</bcagent>

<firstname>Mri</firstname>

<middlename></middlename >

<lastname>Singh</lastname>

<dateofbirth>09/09/1993</dateofbirth>

<gender>Female</gender>

<mothermaidenname></mothermaidenname>

<nationality>Indian</nationality>

<occupation>Banker</occupation>

<resaddress1>106, Riverra</resaddress1>

<resaddress2>106, Riverra</resaddress2>

<city>Mumabi</city>

<state>Maharashtra</state>

<pincode>401001</pincode>

<rescountry>India</rescountry >

<mobilenumber>9815384427</mobilenumber>

<emailaddress>Mrinalini.Baindara@rblbank.com</emailaddress>

<laddress1>106, Riverra</laddress1>

<laddress2>106, Riverra</laddress2>

<lcity>Alwar</lcity>

<lstate>Raj.</lstate>

<lpincode>301001</lpincode>

<lcountry>India</lcountry>

<CustomerStatus>2</CustomerStatus>

<CustomerType>12</CustomerType>

<SourceIncomeType>13</SourceIncomeType>

<AnnualIncome>7</AnnualIncome>

<PoliticallyExposedPerson>1</PoliticallyExposedPerson>

<cardAlias>BC00000056</cardAlias>

<product>PVP1</product>

<fatcadecl>1</fatcadecl>

</CustomerPhysicalCardOnboardingreq>

| **Field Name**  **(\* Mandatory)** | **Data Type** | **Length** | **Description** |
| --- | --- | --- | --- |
| sessiontoken\* | String | 1-200 | Session created at the time of login is used here |
| bcagent\* | String | 3-49 | Describes the Partner’s branch maintained |
| firstname\* | String | 3-50 | Describes the customer first name |
| Middlename | String | 3-50 | Describes the customer middle name |
| lastname\* | String | 3-50 | Describes the customer last name |
| dateofbirth\* | Date | 15 | Describes the customer Date of birth (MM/DD/YYYY) |
| gender\* | String | 3-49 | Describes the customer gender Male/Female |
| Mothermaidenname | String | 3-49 | Describes the customer’s mother maiden name |
| nationality\* | String | 10 | Describes the customer nationality |
| occupation\* | String | 1-10 | Describes the customer occupation |
| resaddress1\* | String | 5-199 | Describes the customer residential address1 |
| resaddress2\* | String | 5-199 | Describes the customer residential address2 |
| city\* | String | 3-49 | Describes the customer city |
| state\* | String | 3-49 | Describes the customer state |
| pincode\* | String | 10 | Describes the pincode number |
| rescountry\* | String | 20 | Describes the customer country |
| mobilenumber\* | Int | 10 | Describes the customer mobile number |
| Emailaddress | String | 3-49 | Describes the customer email address |
| laddress1 | String | 3-49 | Describes the customer permanent address1 |
| laddress2 | String | 1-49 | Describes the customer permanent address1 |
| Lcity | String | 3-49 | Describes the customer permanent city |
| Lstate | String | 3-49 | Describes the customer permanent state |
| lpincode | String | 3-49 | Describes the permanent pincode |
| lcountry | String | 3-49 | Describes the customer country |
| CustomerStatus\* | Int | 1-2 | Describes the customer status  **1-individual 2-Non-Individual(Same for both UAT and Prod)** |
| CustomerType\* | Int | 1-2 | Describes the customer type in UAT  **16-Salaried 15-Self Employed including Professional 14-Farmer 17-Housewife 12-Minor**  Describes the customer type in Prod  **1-Salaried 2-Self Employed including Professional 3-Farmer 4-Housewife 5-Minor** |
| SourceIncomeType\* | Int | 1-2 | Describes the customer source of income values in UAT  **8- Govt 9- Public sector 10- Private Sector 11- Business 13- Agriculture 12- Dependent**  Describes the customer source of income values in Prod  **1- Govt 2- Public sector 3- Private Sector 4- Business 5- Agriculture 6- Dependent** |
| AnnualIncome\* | Int | 1-2 | **Describes the customer annual income value in UAT**  **6- Rs. 0.00 lacs to Rs. 2.00 Lacs**  **7- Rs. 2.00 Lacs to Rs. 5 Lacs**  **8- Rs. 5 Lacs to Rs. 10 Lacs**  **9- More than Rs. 10 Lacs**  Describes the customer annual income values in Prod  **1- Rs. 0.00 lacs to Rs. 2.00 Lacs**  **2- Rs. 2.00 Lacs to Rs. 5 Lacs**  **3- Rs. 5 Lacs to Rs. 10 Lacs**  **4- More than Rs. 10 Lacs** |
| PoliticallyExposedPerson\* | Int | 1-2 | Describes if PEP or not  **1-Yes 0-No** |
| cardalias\* | String | 1-20 | Card reference number |
| product\* | String | 20 | Describes the card product hard code |
| Fatcadecl\* | String | 2 | Describes whether the customer is tax resident of India or not  0 – Individual is tax resident of outside India  1 – Individual is tax resident of India |

### Response

<?xml version="1.0" encoding="utf-16" standalone="no"?>

<CustomerPhysicalCardOnboardingres>

<status>1</status>

<bcagent>eur1012333</bcagent>

<customerid>4133515</customerid>

<CardAlias>BC00000056</CardAlias>

<CrdProduct>RGP1</CrdProduct>

<CardDescription>Success</CardDescription>

</CustomerPhysicalCardOnboardingres>

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Length** | **Description** |
| Status | Int | 1 | 0-failure  1-success |
| Bcagent | String | 3-49 | Describes the Partner’s branch maintained |
| customerid\* | Int | 12 | Unique Identifier number for customer |
| CardAlias | String | 1-20 | Card reference number |
| CrdProduct | String | 5 | The card product reference |
| Carddescription | String | 50 | Response description |

## Customer Virtual Card Onboarding (Customer Validation and KYC approval is needed)

This is the XML service exposed to the Channel Partners to capture Demographic Data for the Applicant

### Request

<CustomerVirtualCardOnboardingreq>

<header>

<sessiontoken>50D8DDE5C4B98B57C600982A65E645ED0C16B28BFB59069209E192D0AEDAC6F15151EB3F92DB433B4ABD9CCACB6753D2CB84474B02B7B2C899369C48</sessiontoken>

</header>

<bcagent>eur1012333</bcagent>

<firstname>Mri</firstname>

<middlename></middlename >

<lastname>Singh</lastname>

<dateofbirth>09/09/1993</dateofbirth>

<gender>Female</gender>

<mothermaidenname></mothermaidenname>

<nationality>Indian</nationality>

<occupation>Banker</occupation>

<resaddress1>106, Riverra</resaddress1>

<resaddress2>106, Riverra</resaddress2>

<city>Mumbai</city>

<state>Maharashtra</state>

<pincode>401001</pincode>

<rescountry>India</rescountry >

<mobilenumber>9815384426</mobilenumber>

<emailaddress>Mrinalini.Baindara@rblbank.com</emailaddress>

<laddress1>106, Riverra</laddress1>

<laddress2>106, Riverra</laddress2>

<lcity>Alwar</lcity>

<lstate>Raj.</lstate>

<lpincode>301001</lpincode>

<lcountry>India</lcountry>

<CustomerStatus>2</CustomerStatus>

<CustomerType>12</CustomerType>

<SourceIncomeType>13</SourceIncomeType>

<AnnualIncome>7</AnnualIncome>

<PoliticallyExposedPerson>1</PoliticallyExposedPerson>

<product>PVP1</product>

<fatcadecl>1</fatcadecl>

</CustomerVirtualCardOnboardingreq>

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Length** | **Description** |
| Firstname\* | String | 3-50 | Describes the customer first name |
| Middlename | String | 50 | Describes the customer middle name |
| Lastname\* | String | 3-50 | Describes the customer last name |
| Dateofbirth\* | Date | Date | Describes the customer Date of birth (MM/DD/YYYY) |
| Gender\* | String | 3-49 | Describes the customer gender Male/Female |
| Mothermaidenname | String | 49 | Describes the customer maiden name/mothername |
| Nationality\* | String | 1-10 | Describes the customer nationality |
| Occupation\* | String | 1-10 | Describes the customer occupation |
| resaddress1\* | String | 5-199 | Describes the customer residential address1 |
| resaddress2\* | String | 5-199 | Describes the customer residential address2 |
| City\* | String | 3-49 | Describes the customer city |
| State\* | String | 3-49 | Describes the customer state |
| Pincode\* | String | 10 | Describes the pincode number |
| Rescountry\* | String | 1-20 | Describes the customer country |
| Mobilenumber\* | Int | 10 | Describes the customer mobile number |
| Emailaddress\* | String | 3-49 | Describes the customer email address |
| laddress1 | String | 49 | Describes the customer permanent address1 |
| laddress2 | String | 49 | Describes the customer permanent address1 |
| Lcity | String | 49 | Describes the customer permanent city |
| Lstate | String | 49 | Describes the customer permanent state |
| Lpincode | String | 49 | Describes the permanent pincode |
| lcountry | String | 49 | Describes the customer country |
| CustomerStatus\* | Int | 2 | Describes the customer status  **1-individual 2-Non-Individual(Same for both UAT and Prod)** |
| CustomerType\* | Int | 1-2 | Describes the customer type in UAT  **16-Salaried 15-Self Employed including Professional 14-Farmer 17-Housewife 12-Minor**  Describes the customer type in Prod  **1-Salaried 2-Self Employed including Professional 3-Farmer 4-Housewife 5-Minor** |
| SourceIncomeType\* | Int | 1-2 | Describes the customer source of income values in UAT  **8- Govt 9- Public sector 10- Private Sector 11- Business 13- Agriculture 12- Dependent**  Describes the customer source of income values in Prod  **1- Govt 2- Public sector 3- Private Sector 4- Business 5- Agriculture 6- Dependent** |
| AnnualIncome\* | Int | 1-2 | **Describes the customer annual income value in UAT**  **6- Rs. 0.00 lacs to Rs. 2.00 Lacs**  **7- Rs. 2.00 Lacs to Rs. 5 Lacs**  **8- Rs. 5 Lacs to Rs. 10 Lacs**  **9- More than Rs. 10 Lacs**  Describes the customer annual income values in Prod  **1- Rs. 0.00 lacs to Rs. 2.00 Lacs**  **2- Rs. 2.00 Lacs to Rs. 5 Lacs**  **3- Rs. 5 Lacs to Rs. 10 Lacs**  **4- More than Rs. 10 Lacs** |
| PoliticallyExposedPerson\* | Int | 1-2 | Describes if PEP or not  **1-Yes 0-No** |
| Product\* | String | 20 | Describes the card product hard code |
| Fatcadecl\* | String | 1 | Describes whether the customer is tax resident of India or not  0 – Individual is tax resident of outside India  1 – Individual is tax resident of India |

### Response

<?xml version="1.0" encoding="utf-16" standalone="no"?>

<CustomerVirtualCardOnboardingres>

<status>1</status>

<customerid>4133513</customerid>

</CustomerVirtualCardOnboardingres>

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Length** | **Description** |
| Status | Int | 1 | 0- failure  1-success |
| Customerid | Int | 12 | Unique identification of customer |

## Customer Validation

This API will be used for customer validation using OTP

### Request

<walletregistrationvalidatereq>

<header>

<sessiontoken>50D8DDE5C4B98B57C600982A65E645ED0C16B28BFB59069209E192D0AEDAC6F15151EB3F92DB433B4ABD9CCACB6753D2CB84474B02B7B2C899369C48</sessiontoken>

</header>

<mobilenumber>9815384407</mobilenumber>

<verficationcode>188734</verficationcode>

<customerid>4132940</customerid>

</walletregistrationvalidatereq>

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Length** | **Description** |
| Sessiontoken\* | String | 1-200 | Session created at the time of login is used here |
| mobilenumber\* | Int | 1-10 | Mobile no. of customer |
| verificationcode\* | Int | 5-199 | OTP to validate the customer |
| customerid\* | Int | 12 | Unique Identifier for customer |

### Response

<?xml version="1.0" encoding="utf-16" standalone="no"?>

<walletregistrationvalidateres>

<mobilenumber>9815384407</mobilenumber>

<Status>1</Status>

</walletregistrationvalidateres>

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Length** | **Description** |
| Mobilenumber | Int | 10 | Customer Mobile Number |
| Status | Int | 1 | 0- failure  1-success |

## Resend OTP

This API is used to resend the OTP in case it is not received it.

### Request

<walletregistrationresendotpreq>

<header>

<sessiontoken>50D8DDE5C4B98B57C600982A65E645ED0C16B28BFB59069209E192D0AEDAC6F15151EB3F92DB433B4ABD9CCACB6753D2CB84474B02B7B2C899369C48</sessiontoken>

</header>

<mobilenumber>9815384406</mobilenumber>

<customerid>4132939</customerid>

</walletregistrationresendotpreq>

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Length** | **Description** |
| Sessiontoken\* | String | 1-200 | Session created at the time of login is used here |
| mobilenumber\* | Int | 1-10 | Mobile no. of customer |
| customerid\* | Int | 12 | Unique Identifier for customer |

### Response

<?xml version="1.0" encoding="utf-16" standalone="no"?>

<walletregistrationresendotpres>

<status>1</status>

</walletregistrationresendotpres>

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Length** | **Description** |
| Status | Int | 1 | 0- failure  1-success |

## Resend PDF and Password

THIS API is used to resend pdf and pdf password to registered email id in case it does not get delivered.

### Request

<Resendpdforotpreq>

<header>

<sessiontoken>50D8DDE5C4B98B57C600982A65E645ED0C16B28BFB59069209E192D0AEDAC6F15151EB3F9F56EB8748BCE58D25B9916DBDC4A79702B7B2C899369C48</sessiontoken>

</header>

<mobilenumber>9815384403</mobilenumber>

<customerid>4132936</customerid>

<flag>1</flag>

</Resendpdforotpreq>

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Length** | **Description** |
| Sessiontoken\* | String | 1-200 | Session created at the time of login is used here |
| mobilenumber\* | Int | 1-10 | Mobile no. of customer |
| customerid\* | Int | 12 | Unique Identifier for customer |
| Flag | Int | 1 | Flag : 0 is for resend password(otp)  Flag : 1 is for resend mail (pdf) |

### Response

<?xml version="1.0" encoding="utf-16" standalone="no"?>

<Resendpdforotpres>

<status>1</status>

<Description>success</Description>

</Resendpdforotpres>

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Length** | **Description** |
| Status | Int | 1 | 0- failure  1-success |
| Description | String | 50 | Response description |

## Customer KYC Upload

This is the XML service exposed by the Channel Partners to the RBL to upload KYC document of the customer on the RBL BC platform. (DOCUMENTS CAN BE UPLOADED IN below FORMAT (.PDF/.JPG)

### Request

<customerkycreq>

<header>

<sessiontoken>50D8DDE5C4B98B57C600982A65E645ED0C16B28BFB59069209E192D0AEDAC6F15151EB3FFD903CDD6AC26238CB6753D2CB84474B02B7B2C899369C48</sessiontoken>

</header>

<customerid>4132964</customerid>

<bcagentid>eur1012333</bcagentid>

<idproofname>Aadhar</idproofname>

<idproofnumber>gkjgdaui678564648</idproofnumber>

<idproofissuedate>09/09/2005</idproofissuedate>

<idproofexpirydate>09/09/2020</idproofexpirydate>

<idproofissueplace>hfgwr765</idproofissueplace>

<addressproof>nwjfbo</addressproof>

<idproof>hjhljj776</idproof>

<addressproofurl>Fish10.jpg</addressproofurl>

<idproofurl>28.jpg</idproofurl>

<CustomerStatus>2</CustomerStatus>

<CustomerType>12</CustomerType>

<SourceIncomeType>13</SourceIncomeType>

<AnnualIncome>7</AnnualIncome>

<PoliticallyExposedPerson>1</PoliticallyExposedPerson>

<uploadtype>1</uploadtype>

</customerkycreq>

| **Field Name** | **Data Type** | **Length** | **Description** |
| --- | --- | --- | --- |
| Sessiontoken\* | String | 1-200 | Session created at the time of login is used here |
| customerid\* | Int | 12 | Describes the customer ID |
| bcagentid\* | String | 5-199 | Describes the agent id |
| Idproofname\* | String | 5-199 | Describes the customer ID proof name(Pancard only) |
| Ifproofnumber\* | String | 5-199 | Describes the customer ID proof number of selected ID proof(Pancard only) |
| Idproofissuedate | String | 10 | Describes the customer ID proof issued date |
| Idproofexpirydate | String | 10 | Describes the customer ID proof expiry date |
| Idproofissueplace | String | 2-49 | Describes the customer ID proof issued place |
| addressproof\* | String | 5-199 | Describes the customer address proof |
| idproof\* | String | 5-199 | Describes the customer id proof |
| addressproofurl\* | String | 5-199 | Describes the customer address proof path name |
| idproofurl\* | String | 5-199 | Describes the customer ID proof path name |
| CustomerStatus\* | Int | 1-2 | Describes the customer status  **1-individual 2-Non-Individual(Same for both UAT and Prod)** |
| CustomerType\* | Int | 1-2 | Describes the customer type in UAT  **16-Salaried 15-Self Employed including Professional 14-Farmer 17-Housewife 12-Minor**  Describes the customer type in Prod  **1-Salaried 2-Self Employed including Professional 3-Farmer 4-Housewife 5-Minor** |
| SourceIncomeType\* | Int | 1-2 | Describes the customer source of income values in UAT  **8- Govt 9- Public sector 10- Private Sector 11- Business 13- Agriculture 12- Dependent**  Describes the customer source of income values in Prod  **1- Govt 2- Public sector 3- Private Sector 4- Business 5- Agriculture 6- Dependent** |
| AnnualIncome\* | Int | 1-2 | **Describes the customer annual income value in UAT**  **6- Rs. 0.00 lacs to Rs. 2.00 Lacs**  **7- Rs. 2.00 Lacs to Rs. 5 Lacs**  **8- Rs. 5 Lacs to Rs. 10 Lacs**  **9- More than Rs. 10 Lacs**  Describes the customer annual income values in Prod  **1- Rs. 0.00 lacs to Rs. 2.00 Lacs**  **2- Rs. 2.00 Lacs to Rs. 5 Lacs**  **3- Rs. 5 Lacs to Rs. 10 Lacs**  **4- More than Rs. 10 Lacs** |
| PoliticallyExposedPerson\* | Int | 1-2 | Describes if PEP or not  **1-Yes 0-No** |
| uploadtype\* | Int | 1-10 | Upload type-1 |
| RegistrationForm | String | 5-199 | Registration form |

### Response

<?xml version="1.0" encoding="utf-16" standalone="no"?>

<customerkycres>

<status>1</status>

</customerkycres>

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Length** | **Description** |
| Status | Int | 1 | 0- failure  1-success |

## KYC status API

This API gives status of all the KYCs done for customers of respective channel partner.

### Request

<kycdetailsreq>

<header>

<sessiontoken>50D8DDE5C4B98B57C600982A65E645ED0C16B28BFB59069209E192D0AEDAC6F15151EB3FFD903CDD6AC26238CB6753D2CB84474B02B7B2C899369C48</sessiontoken>

</header>

<startdate>2017-10-09</startdate>

<enddate>2017-10-10</enddate>

</kycdetailsreq>

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Length** | **Description** |
| Sessiontoken\* | String | 1-200 | Session created at the time of login is used here |
| Startdate\* | Date | 12 | Start date for KYC status to be displayed.  (DD/MM/YYYY) |
| Enddate\* | Date | 12 | End date till KYC status to be displayed  (DD/MM/YYYY) |

### Response

<?xml version="1.0" encoding="utf-16" standalone="no"?>

<kycdetailsres>

<status>1</status><recordlist><record>4133503,9825527891,0,,1/1/1900 12:00:00 AM</record><record>4133504,9815527891,0,,1/1/1900 12:00:00 AM</record><record>4133505,9215527891,0,,1/1/1900 12:00:00 AM</record><record>4133507,9819967850,0,,1/1/1900 12:00:00 AM</record><record>4133509,9833512722,0,,1/1/1900 12:00:00 AM</record><record>4133510,9619951990,0,,1/1/1900 12:00:00 AM</record></recordlist></kycdetailsres>

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Length** | **Description** |
| Status | Int | 1 | 0- failure  1-success |
| Record | Mixed data type(String, String, String, String, Date and time) | 150 | Custumerid, mobile number, KYC approval status, Comment, Date time of approval/Rejection |

## Get Details

This API is used to fetch the details of Applicant Data along with the status of Approval and Card Creation Status/Card Alias

### Request

<GetCustDetailsreq>

<header>

<sessiontoken>50D8DDE5C4B98B57C600982A65E645ED0C16B28BFB59069209E192D0AEDAC6F15151EB3FFD903CDD6AC26238CB6753D2CB84474B02B7B2C899369C48</sessiontoken>

</header>

<mobilenumber>9815384302</mobilenumber>

</GetCustDetailsreq>

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Length** | **Description** |
| Sessiontoken\* | String | 1-200 | Session Token received in Login Response |
| Mobilenumber\* | Int | 10 | Describes the customer mobile number |

### Response

<?xml version="1.0" encoding="utf-16" standalone="no"?>

<GetCustDetailsres>

<status>1</status>

<firstname>Mri</firstname>

<middlename>Singh</middlename>

<lastname />

<dateofbirth>09/09/1993</dateofbirth>

<gender>Female</gender>

<mothermaidenname />

<nationality>Indian</nationality>

<resaddress1>106, Riverra</resaddress1>

<resaddress2>106, Riverra</resaddress2>

<city>Alwar</city>

<state>Maharashtra</state>

<pincode>401001</pincode>

<rescountry>India</rescountry>

<mobilenumber>9815384302</mobilenumber>

<emailaddress>mri@gmail.com</emailaddress>

<laddress1>106, Riverra</laddress1>

<laddress2>106, Riverra</laddress2>

<lcity>Alwar</lcity>

<lstate>Raj.</lstate>

<lpincode>301001</lpincode>

<lcountry>India</lcountry>

<CustomerStatus>NON-INDIVIDUAL</CustomerStatus>

<CustomerType>Minor</CustomerType>

<SourceIncomeType>Agriculture</SourceIncomeType>

<AnnualIncome>Rs. 2.00 Lacs to Rs. 5 Lacs</AnnualIncome>

<PoliticallyExposedPerson>YES</PoliticallyExposedPerson>

<customerid>4132901</customerid>

<Approvalstatus>7</Approvalstatus>

<cardAlias>bc00000044</cardAlias>

<AccountNumber>9113454</AccountNumber>

</GetCustDetailsres>

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Length** | **Description** |
| Status | Int | 1 | 0-failure |
| 1-success |
| Firstname | String | 3-50 | Describes the customer first name |
| Middlename | String | 50 | Describes the customer middle name |
| Lastname | String | 3-50 | Describes the customer last name |
| Dateofbirth | Date | Date | Describes the customer Date of birth (MM/DD/YYYY) |
| Gender | String | 3-49 | Describes the customer gender Male/Female |
| mothermaidenname | String | 49 | Describes the customer maiden name/mothername |
| Nationality | String | 10 | Describes the customer nationality |
| resaddress1 | String | 5-199 | Describes the customer residential address1 |
| resaddress2 | String | 5-199 | Describes the customer residential address2 |
| City | String | 3-49 | Describes the customer city |
| State | String | 3-49 | Describes the customer state |
| Pincode | String | 10 | Describes the pincode number |
| Rescountry | String | 20 | Describes the customer country |
| Mobilenumber | Int | 10 | Describes the customer mobile number |
| Emailaddress | String | 3-49 | Describes the customer email address |
| laddress1 | String | 49 | Describes the customer permanent address1 |
| laddress2 | String | 49 | Describes the customer permanent address1 |
| Lcity | String | 49 | Describes the customer permanent city |
| Lstate | String | 49 | Describes the customer permanent state |
| Lpincode | String | 49 | Describes the permanent pincode |
| Lcountry | String | 49 | Describes the customer country |
| CustomerStatus | Int | 1-2 | Describes the customer status  **1-individual 2-Non-Individual(Same for both UAT and Prod)** |
| CustomerType | Int | 1-2 | Describes the customer type in UAT  **16-Salaried 15-Self Employed including Professional 14-Farmer 17-Housewife 12-Minor**  Describes the customer type in Prod  **1-Salaried 2-Self Employed including Professional 3-Farmer 4-Housewife 5-Minor** |
| SourceIncomeType | Int | 1-2 | Describes the customer source of income values in UAT  **8- Govt 9- Public sector 10- Private Sector 11- Business 13- Agriculture 12- Dependent**  Describes the customer source of income values in Prod  **1- Govt 2- Public sector 3- Private Sector 4- Business 5- Agriculture 6- Dependent** |
| AnnualIncome | Int | 1-2 | **Describes the customer annual income value in UAT**  **6- Rs. 0.00 lacs to Rs. 2.00 Lacs**  **7- Rs. 2.00 Lacs to Rs. 5 Lacs**  **8- Rs. 5 Lacs to Rs. 10 Lacs**  **9- More than Rs. 10 Lacs**  Describes the customer annual income values in Prod  **1- Rs. 0.00 lacs to Rs. 2.00 Lacs**  **2- Rs. 2.00 Lacs to Rs. 5 Lacs**  **3- Rs. 5 Lacs to Rs. 10 Lacs**  **4- More than Rs. 10 Lacs** |
| PoliticallyExposedPerson | Int | 1-2 | Describes if PEP or not. 1-Yes 0-No |
| Customerid | Int | 12 | Unique identification of customer |
| Approvalstatus | Int | 2 | 0-KYC not done |
| 1-KYC uploaded not accepted (In Process) |
| 3- KYC rejected |
| 10- KYC reuploaded- in process |
| 7- KYC Accepted |
| CardAlias | String | 1-20 | Card reference number |
| AccNumber | Int | 1-20 | Unique account number |

## Update Customer Details

Update Customer details API to be used to submit KYC and demographic data in case Ops needs more details basis the info fetched from Get Profile. Mobile no can not be updated.

### Request

<customerupdationreq>

<header>

<sessiontoken>50D8DDE5C4B98B57C600982A65E645ED0C16B28BFB59069209E192D0AEDAC6F15151EB3FFD903CDD6AC26238CB6753D2CB84474B02B7B2C899369C48</sessiontoken>

</header>

<bcagent>eur1012333</bcagent>

<customerid>4132904</customerid>

<firstname>Mri</firstname>

<middlename>Devi</middlename>

<lastname>Singh</lastname>

<dateofbirth>10/10/1987</dateofbirth>

<gender>Female</gender>

<mothermaidenname>Devi</mothermaidenname>

<nationality>Indian</nationality>

<occupation>Banker</occupation>

<resaddress1>106, Riverra</resaddress1>

<resaddress2>106, Riverra</resaddress2>

<city>Alwar</city>

<state>Maharashtra</state>

<pincode>400101</pincode>

<rescountry>India</rescountry >

<mobilenumber>9815384305</mobilenumber>

<emailaddress>mrinalini.baindara@rblbank.com</emailaddress>

<laddress1>106, Riverra</laddress1>

<laddress2>106, Riverra</laddress2>

<lcity>Alwar</lcity>

<lstate>Raj.</lstate>

<lpincode>301001</lpincode>

<lcountry>India</lcountry>

<CustomerStatus>2</CustomerStatus>

<CustomerType>12</CustomerType>

<SourceIncomeType>13</SourceIncomeType>

<AnnualIncome>7</AnnualIncome>

<PoliticallyExposedPerson>1</PoliticallyExposedPerson>

<product>PVP1</product>

<fatcadecl>1</fatcadecl>

</customerupdationreq>

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Length** | **Description** |
| Sessiontoken\* | String | 1-200 | Session created at the time of login is used here |
| bcagentid\* | String | 5-199 | Describes the agent id |
| customerid\* | Int | 12 | Describes the customer ID |
| Firstname | String | 3-50 | Describes the customer first name |
| middlename | String | 50 | Describes the customer middle name |
| lastname | String | 3-50 | Describes the customer last name |
| dateofbirth | date | date | Describes the customer Date of birth (MM/DD/YYYY) |
| Gender | String | 3-49 | Describes the customer gender Male/Female |
| mothermaidenname | String | 49 | Describes the customer maiden name/mothername |
| nationality | String | 10 | Describes the customer nationality |
| occupation | String | 1-10 | Describes the customer occupation |
| resaddress1 | String | 5-199 | Describes the customer residential address1 |
| resaddress2 | String | 5-199 | Describes the customer residential address2 |
| City | String | 3-49 | Describes the customer city |
| State | String | 3-49 | Describes the customer state |
| Pincode | String | 10 | Describes the pincode number |
| rescountry | String | 20 | Describes the customer country |
| emailaddress | String | 3-49 | Describes the customer email address |
| MobileNumber | Int | 1-10 | Mobile no. of customer |
| laddress1 | String | 49 | Describes the customer permanent address1 |
| laddress2 | String | 49 | Describes the customer permanent address1 |
| Lcity | String | 49 | Describes the customer permanent city |
| Lstate | String | 49 | Describes the customer permanent state |
| lpincode | String | 49 | Describes the permanent pincode |
| lcountry | String | 49 | Describes the customer country |
| CustomerStatus | Int | 1-2 | Describes the customer status |
| **1-individual 2-Non-Individual(Same for both UAT and Prod)** |
| CustomerType | Int | 1-2 | Describes the customer type in UAT |
| **16-Salaried 15-Self Employed including Professional 14-Farmer 17-Housewife 12-Minor** |
| Describes the customer type in Prod |
| **1-Salaried 2-Self Employed including Professional 3-Farmer 4-Housewife 5-Minor** |
| SourceIncomeType | Int | 1-2 | Describes the customer source of income values in UAT |
| **8- Govt 9- Public sector 10- Private Sector 11- Business 13- Agriculture 12- Dependent** |
|  |
| Describes the customer source of income values in Prod |
| **1- Govt 2- Public sector 3- Private Sector 4- Business 5- Agriculture 6- Dependent** |
| AnnualIncome | Int | 1-2 | **Describes the customer annual income value in UAT** |
| **6- Rs. 0.00 lacs to Rs. 2.00 Lacs** |
| **7- Rs. 2.00 Lacs to Rs. 5 Lacs** |
| **8- Rs. 5 Lacs to Rs. 10 Lacs** |
| **9- More than Rs. 10 Lacs** |
|  |
|  |
| Describes the customer annual income values in Prod |
| **1- Rs. 0.00 lacs to Rs. 2.00 Lacs** |
| **2- Rs. 2.00 Lacs to Rs. 5 Lacs** |
| **3- Rs. 5 Lacs to Rs. 10 Lacs** |
| **4- More than Rs. 10 Lacs** |
| PoliticallyExposedPerson | Int | 1-2 | Describes if PEP or not. 1-Yes 0-No |
| Product | String | 20 | Describes the card product hard code |
| fatcadecl | String | 2 | Describes whether the customer is tax resident of India or not |
| 0 – Individual is tax resident of outside India |
| 1 – Individual is tax resident of India |

### Response

<?xml version="1.0" encoding="utf-16" standalone="no"?>

<customerupdationres>

<status>1</status>

<desc>Success</desc>

</customerupdationres>

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Length** | **Description** |
| Status | Int | 1 | 0- failure  1-success |
| Desc | String | 50 | Response description |

## Card Replacement

This API will be used for replacing an already hotlisted card. The card can be replaced only if it is hotlisted.

### Request

<cardreplacementreq>

<header>

<sessiontoken>50D8DDE5C4B98B57C600982A65E645ED0C16B28BFB59069209E192D0AEDAC6F15151EB3F5016D8C5800F35A79389AF1CB7F30B7102B7B2C899369C48</sessiontoken>

</header>

<cardalias>BC00000046</cardalias>

<ReplacementCardAlias>RG00000000002850</ReplacementCardAlias>

</cardreplacementreq>

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Length** | **Description** |
| Sessiontoken\* | String | 1-200 | Session created at the time of login is used here |
| CardAlias\* | String | 16-19 | The actual card number to be replaced |
| ReplacementCardAlias\* | String | 1-20 | New card number for replacement |

### Response

<?xml version="1.0" encoding="utf-8" standalone="no"?>

<cardreplacementres>

<status>1</status>

<desc>SUCCESS</desc>

</cardreplacementres>

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Length** | **Description** |
| Status | Int | 1 | 0 – failure  1 – success |
| Desc | String | 50 | response description |

## PIN Re-Issuance Req.

This API is used for Re-Issuance of PIN incase Customer has forgot his PIN.

### Request

<PinReIssuancereq>

<header>

<sessiontoken>50D8DDE5C4B98B57C600982A65E645ED0C16B28BFB59069209E192D0AEDAC6F15151EB3F92DB433B4ABD9CCACB6753D2CB84474B02B7B2C899369C48</sessiontoken>

</header>

<cardalias>BC00000050</cardalias>

</PinReIssuancereq>

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Length** | **Description** |
| Sessiontoken\* | String | 1-200 | Session created at the time of login is used here |
| CardAlias\* | String | 1-20 | Card Reference number |

### Response

<?xml version="1.0" encoding="utf-8" standalone="no"?>

<PinReIssuanceres>

<status>1</status>

<desc>SUCCESS</desc>

</PinReIssuanceres>

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Length** | **Description** |
| Status | Int | 1 | 0 – failure  1 – success |
| Desc | String | 50 | response description |

## Account Load

This API will be called for loading of Cards

### Request

<accountloadreq>

<header>

<sessiontoken>50D8DDE5C4B98B57C600982A65E645ED0C16B28BFB59069209E192D0AEDAC6F15151EB3F7E94BCF85FD78209F5D5FBA05A47CEE802B7B2C899369C48</sessiontoken>

</header>

<amount>10000</amount>

<accnumber>9113460</accnumber>

<customerid>4132933</customerid>

<RefNo>vdsy97dcac</RefNo>

</accountloadreq>

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Length** | **Description** |
| Sessiontoken\* | String | 1-200 | Session Token received in Login Response |
| amount\* | Int | 1-10 | The amount to be loaded |
| accnumber\* | Int | 1-20 | Unique account number generated at RBL end |
| customerid\* | Int | 12 | Describes the customer ID |
| RefNo\* | String | 1-20 | Unique reference number per transaction for Channel partner |

### Response

<?xml version="1.0" encoding="utf-16" standalone="no"?>

<accountloadres>

<status>1</status>

<desc>SUCCESS</desc>

<customerid>4132933</customerid>

<BankRefID>11101701283611</BankRefID>

</accountloadres>

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Length** | **Description** |
| status | Int | 1 | 0- failure  1-success |
| desc | String | 50 | Response description |
| customerid | Int | 12 | Describes the customer ID |
| BankRefID | String | 1-20 | Bank reference id of the transaction |

## Load Query

### Request

<accountloadrequeryreq>

<header>

<sessiontoken>50D8DDE5C4B98B57C600982A65E645ED0C16B28BFB59069209E192D0AEDAC6F15151EB3F7E94BCF85FD78209F5D5FBA05A47CEE802B7B2C899369C48</sessiontoken>

</header>

<RefNo>vdsy97dcac</RefNo>

</accountloadrequeryreq>

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Length** | **Description** |
| Sessiontoken | String | 1-200 | Session Token received in Login Response |
| RefNo | String | 1-20 | Reference number for load to generated by channel partner |

### Response

<?xml version="1.0" encoding="utf-16" standalone="no"?>

<accountloadrequeryres>

<status>1</status>

<refno>vdsy97dcac</refno>

<remarks>SUCCESS</remarks>

<BankRefID>11101701283611</BankRefID>

</accountloadrequeryres>

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Length** | **Description** |
| Status | Int | 1 | 0 - API Failure  1 - success load  6 – Load failure  Any status other than 1 and 6 to be treated as pending and to be refered to Bank |
| Refno | String | 1-20 | Reference number for load to generated by channel partner |
| Remarks | String | 1-20 | Successful /Failure |
| BankRefID | String | 1-20 | Bank reference id of the transaction |

## Card Account Balance

This API will be used to get the card account balance

### Request

<GetAccountBalancereq>

<header>

<sessiontoken>50D8DDE5C4B98B57C600982A65E645ED0C16B28BFB59069209E192D0AEDAC6F15151EB3F7E94BCF85FD78209F5D5FBA05A47CEE802B7B2C899369C48</sessiontoken>

</header>

<cardalias>BC00000050</cardalias>

</GetAccountBalancereq>

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Length** | **Description** |
| sessiontoken\* | String | 1-200 | Session Token received in Login Response |
| cardalias\* | String | 1-20 | Card reference number |

### Response

<?xml version="1.0" encoding="utf-16" standalone="no"?>

<GetAccountBalanceres>

<status>1</status>

<desc>SUCCESS</desc>

<AvaliableBal>31000.00</AvaliableBal>

<cardalias>BC00000050</cardalias>

</GetAccountBalanceres>

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Length** | **Description** |
| Status | Int | 1 | 0- failure  1-success |
| Desc | String | 50 | Response description |
| AvaliableBal | Int | 1-10 | The available balance of card |
| cardalias | String | 1-20 | Card reference number |

## Get Card Status

This API is used for getting card status

### Request

<getcardstatusreq>

<header>

<sessiontoken>50D8DDE5C4B98B57C600982A65E645ED0C16B28BFB59069209E192D0AEDAC6F15151EB3F7E94BCF85FD78209F5D5FBA05A47CEE802B7B2C899369C48</sessiontoken>

</header>

<Pan>5088870100054543</Pan>

</getcardstatusreq>

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Length** | **Description** |
| Sessiontoken\* | String | 1-200 | Session Token received in Login Response |
| Pan\* | String | 16-19 | Actual card number |

### Response

<?xml version="1.0" encoding="utf-16" standalone="no"?>

<getcardstatusres>

<status>1</status>

<desc>SUCCESS</desc>

<statcode>normal</statcode>

<custcode> 4132933 </custcode>

</getcardstatusres>

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Length** | **Description** |
| Status | Int | 1 | 0- failure  1-success |
| Desc | String | 50 | Response description |
| statcode | String | 1-30 | It describes the status of the card (Normal, Block etc) |
| custcode | String | 2-50 | Unique identification of customer |

## Card Blocking/Unblocking

This API will be used for blocking/unblocking of the card of a customer.

### Request

<cardblockunblockreq>

<header>

<sessiontoken>50D8DDE5C4B98B57C600982A65E645ED0C16B28BFB59069209E192D0AEDAC6F15151EB3F7E94BCF85FD78209F5D5FBA05A47CEE802B7B2C899369C48</sessiontoken>

</header>

<customerid>4132933</customerid>

<cardalias>BC00000050</cardalias>

<flag>06</flag >

</cardblockunblockreq>

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Length** | **Description** |
| Sessiontoken | String | 1-200 | Session created at the time of login is used here |
| customerid\* | Int | 12 | Unique Identifier for customer |
| cardalias\* | String | 1-20 | Card reference number |
| flag\* | Int | 2 | 00-->NORMAL (Used for Unblocking)  04-->LOST (Used for hotlisting)  05-->STOLEN (Used for hotlisting)  06-->CUSTOMER\_CLOSED (Used for temporary blocking) |

### Response

<?xml version="1.0" encoding="utf-16" standalone="no"?>

<cardblockunblockres>

<cardalias>BC00000050</cardalias>

<status>1</status>

<desc>SUCCESS</desc>

</cardblockunblockres>

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Length** | **Description** |
| Cardalias | String | 1-20 | Card reference number |
| Status | Int | 1 | 0- failure  1-success |
| Desc | String | 50 | response description |

## Transaction Details

This API will be used to display all successful and unsuccessful transactions details at the switch level.

### Request

<Cardtransactiondetailsreq>

<header>

<sessiontoken>50D8DDE5C4B98B57C600982A65E645ED0C16B28BFB59069209E192D0AEDAC6F15151EB3F7E94BCF85FD78209F5D5FBA05A47CEE802B7B2C899369C48</sessiontoken>

</header>

<cardalias>BC00000050</cardalias>

<startdate>2017-10-10</startdate>

<enddate>2017-10-11</enddate>

<pagesize>10</pagesize>

</Cardtransactiondetailsreq>

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Length** | **Description** |
| Sessiontoken\* | String | 1-200 | Session created at the time of login is used here |
| CardAlias\* | String | 1-20 | The actual card number to be replaced |
| Startdate\* | Date | 12 | Start date for transaction to be displayed.  ( YYYY-MM-DD) |
| Enddate\* | Date | 12 | End date till transaction to be displayed  ( YYYY-MM-DD) |
| PageSize | Int | 2 | Number of records to be displayed |

### Response

<?xml version="1.0" encoding="utf-16" standalone="no"?>

<Cardtransactiondetailsres>

<status>1</status>

<totalrecord>1</totalrecord>

<transaction>

<recno>1</recno>

<AmBill>10000</AmBill>

<DateLocal>11-10-2017</DateLocal>

<TimeLocal>13:28:53</TimeLocal>

<RRN>728407815822</RRN>

<crdAcptLocCity />

<ActionCode>authorisation approved</ActionCode>

<Stan>815822</Stan>

<CrDb>2</CrDb>

<RejReason>0</RejReason>

<Txncode>account load</Txncode>

<TxnStatus>approved</TxnStatus>

<Mcc>0</Mcc>

<RspCode>0</RspCode>

<pandisplay>508887\_4543</pandisplay>

</transaction>

</Cardtransactiondetailsres>

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Length** | **Description** |
| Status | Int | 1 | 0- failure  1-success |
| Totalrecord | Int | - | Total number of record |
| Recno | Int | 1-4 | Record number |
| Ambill | Decimal | - | Amount |
| Datelocal | YYYY-MM-DD | 10 | Date |
| Timelocal | HH:MM:SS | 8 | Time |
| RRN | Int | - | The retrieval reference number |
| CrdAcptLocCity | String | - | City where card is accepted |
| ActionCode | Int | 1-2 | Action code |
| Stan | Int | - | Stan number |
| CrDb | Int | 1 | Credit debit flag |
| RejReason | String | - | Reject reason code |
| Txncode | String | - | Type of transaction |
| txnstatus | String | - | Status of transaction |
| Mcc | Int | - | Merchant category code |
| RspCode | String |  | Response code |
| Pandisplay | String | - | Masked pan number |

## Get Statement

This API will be used to get the statement (success transactions only)

### Request

<Cardstatementreq>

<header><sessiontoken>50D8DDE5C4B98B57C600982A65E645ED0C16B28BFB59069209E192D0AEDAC6F15151EB3F92DB433B4ABD9CCACB6753D2CB84474B02B7B2C899369C48</sessiontoken>

</header>

<cardalias>BC00000050</cardalias>

<startdate>2017-10-01</startdate>

<enddate>2017-10-11</enddate>

<pagesize>10</pagesize>

</Cardstatementreq>

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Length** | **Description** |
| Sessiontoken\* | String | 1-200 | Session created at the time of login is used here |
| CardAlias\* | String | 1-20 | The actual card number to be replaced |
| Startdate\* | Date | 10 | Start date for transaction to be displayed.  (YYYY-MM-DD) |
| Enddate\* | Date | 10 | End date till transaction to be displayed  ( YYYY-MM-DD) |
| Pagesize\* | Int | 2 | Number of records to be displayed |

### Response

<?xml version="1.0" encoding="utf-8" standalone="no"?>

<Cardstatementres>

<status>1</status>

<cardalias>BC00000050</cardalias>

<record>

<txnamt>10000</txnamt>

<txndate>11-10-2017</txndate>

<txntime>013:28:53</txntime>

<Desc>card load</Desc>

</record>

<record>

<txnamt>1000</txnamt>

<txndate>04-10-2017</txndate>

<txntime>019:40:58</txntime>

<Desc>card load</Desc>

</record>

</Cardstatementres>

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Length** | **Description** |
| CardAlias | String | 1-20 | The actual card number to be replaced |
| Txnamt | Int | 10 | This field describe about transaction amt |
| Txndate | Date | 12 | This field describe about transaction date  mm/dd/yyyy |
| Txntime | String | 10 | For example :- hhmmss |

## Verify PIN

This API is used to verify Card PIN. For specific cases of virtual card only.

### Request

<verifypinreq>

<header>

<sessiontoken>50D8DDE5C4B98B57C600982A65E645ED0C16B28BFB59069209E192D0AEDAC6F15151EB3F92DB433B4ABD9CCACB6753D2CB84474B02B7B2C899369C48</sessiontoken>

</header>

<Pan>5088380001125749</Pan>

<pin>7DE5404ED11F01B1</pin>

</verifypinreq>

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Length** | **Description** |
| Sessiontoken | String | 1-200 | Session created at the time of login is used here |
| Pin | String | 2000 | Unique PIN of the card |
| Pan | String | 16-19 | Actual card number |

### Response

<?xml version="1.0" encoding="utf-8" standalone="no"?>

<verifypinres>

<status>1</status>

<desc>SUCCESS</desc>

</verifypinres>

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Length** | **Description** |
| Status | Int | 1 | 0- failure  1-success |
| Desc | String | 50 | Response description |

## Set PIN

This API is used to set card PIN. For specific cases of virtual card only.

### Request

<setpinreq>

<header>

<sessiontoken>50D8DDE5C4B98B57C600982A65E645ED0C16B28BFB59069209E192D0AEDAC6F15151EB3F92DB433B4ABD9CCACB6753D2CB84474B02B7B2C899369C48</sessiontoken>

</header>

<Pan>5088380001125749</Pan>

<pin>7DE5404ED11F01B1</pin>

</setpinreq>

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Length** | **Description** |
| Sessiontoken | String | 1-200 | Session created at the time of login is used here |
| Pin | String | 2000 | Unique PIN of the card |
| Pan | String | 16-19 | Actual card number |

### Response

<?xml version="1.0" encoding="utf-8" standalone="no"?>

<setpinres>

<status>1</status>

<desc>SUCCESS</desc>

</setpinres>

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Length** | **Description** |
| Status | Int | 1 | 0- failure  1-success |
| Desc | String | 50 | Response description |

## Change PIN

This API will be used to change the PIN requested by the customer.

### Request

<changecardpinreq>

<header>

<sessiontoken>50D8DDE5C4B98B57C600982A65E645ED0C16B28BFB59069209E192D0AEDAC6F15151EB3F92DB433B4ABD9CCACB6753D2CB84474B02B7B2C899369C48</sessiontoken>

</header>

<Pan>5088380001125749</Pan>

<oldpin>7DE5404ED11F01B1</oldpin>

<newpin>456EFB71A4B97B65</newpin>

<confirmnewpin>456EFB71A4B97B65</confirmnewpin>

</changecardpinreq>

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Length** | **Description** |
| Sessiontoken\* | String | 5-199 | Session created at the time of login is used here |
| Pan\* | String | 16-19 | Actual card number |
| Oldpin\* | String | 16 | Old PIN number of customer (Encryption Logic will be shared) |
| Newpin\* | String | 16 | New PIN number of customer (Encryption Logic will be shared) |
| Confirmnewpin\* | String | 16 | confirm PIN number of customer (Encryption Logic will be shared) |

### Response

<changecardpinres>

<status>1</status>

<desc>SUCCESS</desc>

</changecardpinres>

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Length** | **Description** |
| Status | Int | 1 | 0- failure  1-success |
| Desc | String | 50 | Response description |

## Virtual to Physical Card

This API is used to associate physical card to wallet

### Request

<CustomerVirToPhyCardOnboardingreq>

<header>

<sessiontoken>50D8DDE5C4B98B57C600982A65E645ED0C16B28BFB59069209E192D09681AFC9A3C47B9AD472309A26E8B36A25B9916DBDC4A79702B7B2C899369C48</sessiontoken>

</header>

<cardAlias>BC00000054</cardAlias>

</CustomerVirToPhyCardOnboardingreq>

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Length** | **Description** |
| Sessiontoken | String | 1-200 | Session Token received in Login Response |
| Customerid | Int | 12 | Unique identification of customer |
| Cardlias | String | 1-20 | Card reference number |

### Response

<?xml version="1.0" encoding="utf-16" standalone="no"?>

<CustomerVirToPhyCardOnboardingres>

<status>1</status>

<desc>SUCCESS</desc>

<bcagent />

<customerid />

<CardAlias>BC00000054</CardAlias>

<CrdProduct>RGP1</CrdProduct>

</CustomerVirToPhyCardOnboardingres>

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Length** | **Description** |
| Cardlias | String | 1-20 | Card reference number |
| Status | Int | 1 | 0- failure  1-success |
| Desc | String | 1-25 | Description |
| CrdProduct | String | 5 | The card product reference |

## Balance Enquiry

This API is used for Balance enquiry

### Request

<GetAccountBalancereq>

<header>

<sessiontoken>50D8DDE5C4B98B57C600982A65E645ED0C16B28BFB59069209E192D0AEDAC6F15151EB3FD124F44D46942ABD94464B97AA556DA002B7B2C899369C48</sessiontoken>

</header>

<cardalias>BC00000050</cardalias>

</GetAccountBalancereq>

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Length** | **Description** |
| Sessiontoken | String | 1-200 | Session Token received in Login Response |
| Cardalias | String | 2-20 | Card Alias of customer’s card |

### Response

<?xml version="1.0" encoding="utf-8" standalone="no"?>

<GetAccountBalanceres>

<status>1</status>

<desc>SUCCESS</desc>

<AvaliableBal>31000.00</AvaliableBal>

<cardalias>BC00000050</cardalias>

</GetAccountBalanceres>

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Length** | **Description** |
| Status | Int | 1 | 0-failure  1-success |
| Desc | String | 1-25 | Description |
| Availablebal | Int | 1-10 | Represents the available amount of card |
| cardalias | String | 2-20 | Card Alias of customer’s card |

# Error scenarios

## Response Scenario 1:

<errorres>

<status></status>

<Description></description>

</errorres>

* XSD validation error like (Data type, Length)
* Unknown and unhandled exceptions in the code.
* Wrong input XML
  + 1. Mismatch in start and end tag
    2. Missing any tag
    3. Spelling mistakes in tags

## Response Scenario 2:

Proper API Response with status 0 will be sent in all business errors like.

* Card already linked.
* Card not found and etc.

This is also considered as failure.

**For Example:**

<customerupdationrmres>

<status>0</status>

<bcagent> </bcagent>

<customerid></customerid>

<CardAlias> </CardAlias>

<CrdProduct> </CrdProduct>

</customerupdationrmres>

In case of APIs having no response description(transaction details and Get statement APIs), only status “0” will come.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**End of Document**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_