**API Description Document**

**Requestor**

|  |  |
| --- | --- |
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| Comments: | |

**Revision History**

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# *Introduction*

*Project –* CCUBP\_SIDebit & Notification API

# *List of API*

*List down the APIs part of the projects:*

|  |  |  |
| --- | --- | --- |
| **Sr. No** | **Name** | **Description** |
| **1.** | CCUBP\_SIDebit & Notification API **(SiDebit)** | It will be used to debit amount by using ONUS on basis of input parameters. |

# *API* *Name*

CCUBP\_SIDebit & Notification API

# *Description*

It will be used to debit amount by using ONUS on basis of input parameters.*.*

# *Transport protocol (SOAP / REST)*

*REST*

# *API Request URLs*

* <https://apideveloper.rblbank.com/test/sb/rbl/api/v1/CCUBP_SI_Debit>
* <https://apideveloper.rblbank.com/test/sb/rbl/api/v1/CCUBP_Notification>

# *Request Parameters*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Business Parameter Name** | **Description** | **Parameter Type** | **Parameter Constraints** | **Comment** |
| RequestUUID | RequestUUID | String | Length=30 | Mandatory |
| ServiceRequestId | ServiceRequestId | String | Length=30 | Mandatory |
| ServiceRequestVersion | ServiceRequestVersion | String | Length=10 | Mandatory |
| ChannelId | ChannelId | String | Length=20 | Mandatory |
| LanguageId | LanguageId | String | Length=10 | Mandatory |
| BankId | BankId | String | Length=20 | Mandatory |
| TimeZone | TimeZone | String | Length=30 | Mandatory |
| EntityId | EntityId | String | Length=26 | Mandatory |
| EntityType | EntityType | String | Length=20 | Mandatory |
| ArmCorrelationId | ArmCorrelationId | String | Length=25 | Mandatory |
| MessageDateTime | MessageDateTime | String | Length=40 | Mandatory |
| CERTIFICATE | CERTIFICATE | String | Length=30 | Mandatory |
| UserId | UserId | String | Length=20 | Mandatory |
| Password | Password | String | Length=20 | Mandatory |
| FICertToken | FICertToken | String | Length=20 | Mandatory |
| RealUserLoginSessionId | RealUserLoginSessionId | String | Length=20 | Mandatory |
| RealUser | RealUser | String | Length=20 | Mandatory |
| RealUserPwd | RealUserPwd | String | Length=20 | Mandatory |
| PARENTREQUESTUUID | PARENTREQUESTUUID | String | Length=30 | Mandatory |
| KEY | KEY | String | Length=30 | Mandatory |
| VALUE | VALUE | String | Length=25 | Mandatory |
| DeviceFamily | DeviceFamily | String | Length=20 | Mandatory |
| DeviceFormat | DeviceFormat | String | Length=20 | Mandatory |
| DeviceType | DeviceType | String | Length=20 | Mandatory |
| CustomerId | CustomerId | String | Length=40 | Mandatory |
| BillerId | BillerId | String | Length=50 | Mandatory |
| BillerAccountId | BillerAccountId | String | Length=50 | Mandatory |
| BillDeskTranId | BillDeskTranId | String | Length=20 | Mandatory |
| Amount | Amount | String | Length=30 | Mandatory |
| CardStart | CardStart | String | Length=30 | Mandatory |
| CardEnd | CardEnd | String | Length=30 | Mandatory |
| ParameterName | ParameterName | String | Length=100 | Mandatory |
| Value | Value | String | Length=30 | Mandatory |
| Optional1 | Optional1 | String | Length=30 | Mandatory |
| Optional2 | Optional2 | String | Length=30 | Mandatory |
| Optional3 | Optional3 | String | Length=30 | Mandatory |

## Request Sample

## {

## "SiDebit": {

## "RequestHeader": {

## "MessageKey": {

## "RequestUUID": "UTEST\_63\_02",

## "ServiceRequestId": "ONUSTRAN",

## "ServiceRequestVersion": "",

## "ChannelId": "MYC\_POST",

## "LanguageId": ""

## },

## "RequestMessageInfo": {

## "BankId": "",

## "TimeZone": "",

## "EntityId": "",

## "EntityType": "",

## "ArmCorrelationId": "",

## "MessageDateTime": ""

## },

## "Security": {

## "Token": {

## "CERTIFICATE": "",

## "PasswordToken": {

## "UserId": "",

## "Password": ""

## }

## },

## "FICertToken": "",

## "RealUserLoginSessionId": "",

## "RealUser": "",

## "RealUserPwd": "",

## "SSOTransferToken": ""

## },

## "REVERSAL": {

## "PARENTREQUESTUUID": ""

## },

## "CUSTOMINFO": {

## "TABLE": {

## "KEY": "",

## "VALUE": ""

## }

## },

## "DeviceInfo": {

## "DeviceFamily": "",

## "DeviceFormat": "",

## "DeviceType": ""

## }

## },

## "SiDebitRequestBody":

## {

## "CustomerId": "0220170402635000005",

## "BillerId": "0220170402635000005",

## "BillerAccountId": "HGA1A13B890000142508",

## "BillDeskTranId": "RB2100000021",

## "Amount": "900",

## "CardStart": "0005415382000111187",

## "CardEnd": "RB2100000021",

## "Authenticators":

## [

## {

## "ParameterName": "Mobile Number",

## "Value": "9176103232"

## }

## ] ,

## "Optional1": "",

## "Optional2": "",

## "Optional3": ""

## 

## }

## }

## }

## Response Parameters

|  |  |  |  |
| --- | --- | --- | --- |
| **Business Parameter Name** | **Description** | **Parameter Type** | **Parameter Constraints** |
| RequestUUID | RequestUUID | String | Length=20 |
| ServiceRequestId | ServiceRequestId | String | Length=20 |
| ServiceRequestVersion | ServiceRequestVersion | String | Length=20 |
| ChannelId | ChannelId | String | Length=40 |
| BankId | BankId | String | Length=40 |
| TimeZone | TimeZone | String | Length=40 |
| MessageDateTime | MessageDateTime | String | Length=40 |
| Id | Id | String | Length=40 |
| Status | ResidenceState | String | Length=30 |
| Id | Id | String | Length=6 |
| Status | CountryCode | String | Length=02 |
| Id | Id | String | Length=05 |
| Status | ResidenceCode | String | Length=20 |
| Key | Key | String | Length=20 |
| Value | Value | String | Length=10 |
| BillerAccountId | BillerAccountId | String | Length=30 |
| *BillDeskTranId* | *BillDeskTranId* | String | Length=50 |
| StatusCode | StatusCode | String | Length=20 |
| StatusMessage | StatusMessage | String | Length=100 |
| Amount | Amount | Numeric | Numeric |
| *BankTranId* | *BankTranId* | String | Length=30 |

## Response Sample

*{"SiDebitResponse": {*

*"ResponseHeader": {*

*"MessageKey": {*

*"RequestUUID": "UTEST\_63\_02",*

*"ServiceRequestId": "ONUSTRAN",*

*"ServiceRequestVersion": "",*

*"ChannelId": "MYC\_POST"*

*},*

*"ResponseMessageInfo": {*

*"BankId": "",*

*"TimeZone": "",*

*"MessageDateTime": ""*

*},*

*"UBUSTransaction": {*

*"Id": "NULL",*

*"Status": "NULL"*

*},*

*"HostTransaction": {*

*"Id": "NULL",*

*"Status": "NULL"*

*},*

*"HostParentTransaction": {*

*"Id": "NULL",*

*"Status": "NULL"*

*},*

*"CustomInfo": {"Table": {*

*"Key": "",*

*"Value": ""*

*}}*

*},*

*"SiDebitResponseBody": {*

*"BillerAccountId": "HGA1A025910000144467",*

*"BillDeskTranId": "RB2100000021",*

*"StatusCode": "E000",*

*"StatusMessage": "Success",*

*"Amount": "1.00",*

*"BankTranId": "R0156Z101612" }*

*}}*

***Response Codes***

|  |  |  |
| --- | --- | --- |
| **Response Stage** | **Response Code** | **Response Message** |
| SUCCESS |  | SUCCESS |
| FAILURE |  | FAILURE |

# *Introduction*

*Project –* CCUBP\_SIDebit & Notification API

# *List of API*

*List down the APIs part of the projects:*

|  |  |  |
| --- | --- | --- |
| **Sr. No** | **Name** | **Description** |
| **1.** SiNotification | SI Debit and Notification | It will be used to send notification to the customer |

# *API* *Name*

# CCUBP\_SIDebit & Notification API

# *Description*

# It will be used to send notification to the customer *Transport protocol (SOAP / REST)*

*REST- key value pair*

# *API Request URLs*

* <https://apideveloper.rblbank.com/test/sb/rbl/api/v1/CCUBP_SI_Debit>
* <https://apideveloper.rblbank.com/test/sb/rbl/api/v1/CCUBP_Notification>

# *Request Parameters*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Business Parameter Name** | **Description** | **Parameter Type** | **Parameter Constraints** | **Comment** |
| RequestUUID | RequestUUID | String | Length=30 | Mandatory |
| ServiceRequestId | ServiceRequestId | String | Length=30 | Mandatory |
| ServiceRequestVersion | ServiceRequestVersion | String | Length=10 | Mandatory |
| ChannelId | ChannelId | String | Length=20 | Mandatory |
| LanguageId | LanguageId | String | Length=10 | Mandatory |
| BankId | BankId | String | Length=20 | Mandatory |
| TimeZone | TimeZone | String | Length=30 | Mandatory |
| EntityId | EntityId | String | Length=26 | Mandatory |
| EntityType | EntityType | String | Length=20 | Mandatory |
| ArmCorrelationId | ArmCorrelationId | String | Length=25 | Mandatory |
| MessageDateTime | MessageDateTime | String | Length=40 | Mandatory |
| CERTIFICATE | CERTIFICATE | String | Length=30 | Mandatory |
| UserId | UserId | String | Length=20 | Mandatory |
| Password | Password | String | Length=20 | Mandatory |
| FICertToken | FICertToken | String | Length=20 | Mandatory |
| RealUserLoginSessionId | RealUserLoginSessionId | String | Length=20 | Mandatory |
| RealUser | RealUser | String | Length=20 | Mandatory |
| RealUserPwd | RealUserPwd | String | Length=20 | Mandatory |
| PARENTREQUESTUUID | PARENTREQUESTUUID | String | Length=30 | Mandatory |
| KEY | KEY | String | Length=30 | Mandatory |
| VALUE | VALUE | String | Length=25 | Mandatory |
| DeviceFamily | DeviceFamily | String | Length=20 | Mandatory |
| DeviceFormat | DeviceFormat | String | Length=20 | Mandatory |
| DeviceType | DeviceType | String | Length=20 | Mandatory |
| CustomerId | CustomerId | String | Length=40 | Mandatory |
| BillerAccountId | BillerAccountId | String | Length=50 | Mandatory |
| BillId | BillId | String | Length=50 | Mandatory |
| BillerId | BillerId | String | Length=30 | Mandatory |
| TemplateId | TemplateId | String | Length=30 | Mandatory |
| BillAmount | BillAmount | String | Length=40 | Mandatory |
| BillDateOfGeneration | BillDateOfGeneration | String | Length=25 | Mandatory |
| BillDueDate | BillDueDate | String | Length=25 | Mandatory |
| Optional1 | Optional1 | String | Length=20 | Mandatory |
| Optional2 | Optional2 | String | Length=25 | Mandatory |
| Optional3 | Optional3 | String | Length=30 | Mandatory |

## Request Sample

{

"SiNotification": {

"RequestHeader": {

"MessageKey": {

"RequestUUID": "UTEST\_63\_02",

"ServiceRequestId": "ONUSTRAN",

"ServiceRequestVersion": "",

"ChannelId": "MYC\_POST",

"LanguageId": ""

},

"RequestMessageInfo": {

"BankId": "",

"TimeZone": "",

"EntityId": "",

"EntityType": "",

"ArmCorrelationId": "",

"MessageDateTime": ""

},

"Security": {

"Token": {

"CERTIFICATE": "",

"PasswordToken": {

"UserId": "",

"Password": ""

}

},

"FICertToken": "",

"RealUserLoginSessionId": "",

"RealUser": "",

"RealUserPwd": "",

"SSOTransferToken": ""

},

"REVERSAL": {

"PARENTREQUESTUUID": ""

},

"CUSTOMINFO": {

"TABLE": {

"KEY": "",

"VALUE": ""

}

},

"DeviceInfo": {

"DeviceFamily": "",

"DeviceFormat": "",

"DeviceType": ""

}

},

"SiNotificationRequestBody":

{

"CustomerId": "0220170402635000005",

"BillerAccountId": "HGA1A13B890000142508",

"BillId": "HGA1A089420000141872",

"BillerId": "DLJB00000DEL01",

"TemplateId": "RBL",

"BillAmount": "1500.00",

"BillDateOfGeneration": "06-08-2018",

"BillDueDate": "13-08-2018",

"Optional1": "",

"Optional2": "",

"Optional3": ""

}

}

}

## Response Parameters

|  |  |  |  |
| --- | --- | --- | --- |
| **Business Parameter Name** | **Description** | **Parameter Type** | **Parameter Constraints** |
| RequestUUID | RequestUUID | String | Length=20 |
| ServiceRequestId | ServiceRequestId | String | Length=20 |
| ServiceRequestVersion | ServiceRequestVersion | String | Length=1000 |
| ChannelId | ChannelId | String | Length=40 |
| BankId | BankId | String | Length=40 |
| TimeZone | TimeZone | String | Length=40 |
| MessageDateTime | MessageDateTime | String | Length=40 |
| Id | Id | String | Length=40 |
| Status | ResidenceState | String | Length=30 |
| Id | Id | String | Length=6 |
| Status | CountryCode | String | Length=02 |
| Id | Id | String | Length=05 |
| Status | ResidenceCode | String | Length=20 |
| Key | Key | String | Length=20 |
| Value | Value | String | Length=10 |
| Status | Status | String | Length=20 |

## Response Sample

{"SiNotificationResponse": {

"ResponseHeader": {

"MessageKey": {

"RequestUUID": "UTEST\_63\_02",

"ServiceRequestId": "ONUSTRAN",

"ServiceRequestVersion": "",

"ChannelId": "MYC\_POST"

},

"ResponseMessageInfo": {

"BankId": "",

"TimeZone": "",

"MessageDateTime": ""

},

"UBUSTransaction": {

"Id": "NULL",

"Status": "NULL"

},

"HostTransaction": {

"Id": "NULL",

"Status": "NULL"

},

"HostParentTransaction": {

"Id": "NULL",

"Status": "NULL"

},

"CustomInfo": {"Table": {

"Key": "",

"Value": ""

}}

},

"SiNotificationResponseBody": {"Status": "Success"}

}}

***Response Codes***

|  |  |  |
| --- | --- | --- |
| **Response Stage** | **Response Code** | **Response Message** |
| SUCCESS | E000 | SUCCESS |
| FAILURE | E001 | FAILURE |

## Error Codes

|  |
| --- |
| **Warning Message and Description** |
| E000 (SUCCESS) |
| E001 (Failure) |
| E002(Invalid Amount) |
| E003(Insufficient Balance) |
| E004(Technical Failure) |
| E005 (Database Exception) |
| E006(Parser Exception) |
| E007 (User Exception) |
| E008(UnKnown Error) |
| E009(SocketTimeoutException) |
| E010(SocketException) |
| E011(SQlException) |
| E012 Invalid Data |