

<NSDL PAN Verification>

API Specification Document

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

Introduction

Project – RBL API Banking

List of API

Sr. No	Name	Description
1	PAN verification	API will sent PAN no's to NSDL for checking the existence and validity. This API is compatible only for RBL Bank's Internal/External business use.

API Name

verifyPAN

Description

Customer verification basis PAN with NSDL.

Transport protocol (SOAP / REST)

REST

API Request URLs

https://apideveloper.rblbank.com/test/sb/rbl/v1/PAN/Without_User_ID

Access Requirement

Request Parameters

Business Parameter Name	Description	Parameter Name	Parameter Type	Parameter Constraints	Comments	Mandatory/Option
TranID	Transaction Id	TranID	AN	MaxLength=16	Transaction ID generated by consumer which is unique	M
Corp_ID	Corporate Id	Corp_ID	AN	MaxLength=20	Unique ID assigned to each enrolled Corporate	M
Maker_ID	Maker Id	Maker_ID	AN	MaxLength=20	Unique ID for request creator	NA
Checker_ID	Checker Id	Checker_ID	AN	MaxLength=20	Unique ID for request checker	NA

Approver_ID	Approver Id	Approver_ID	AN	MaxLength=20	Unique ID for request approver	NA
pan1	PAN 1 out of 5 PAN numbers in the request.	pan1	AN	MaxLength=10	PAN No for which validation needs to be done.	M
pan2	PAN 1 out of 5 PAN numbers in the request.	pan2	AN	MaxLength=10	PAN No for which validation needs to be done.	O
pan3	PAN 1 out of 5 PAN numbers in the request.	pan3	AN	MaxLength=10	PAN No for which validation needs to be done.	O
pan4	PAN 1 out of 5 PAN numbers in the request.	pan4	AN	MaxLength=10	PAN No for which validation needs to be done.	O
pan5	PAN 1 out of 5 PAN numbers in the request.	pan5	AN	MaxLength=10	PAN No for which validation needs to be done.	O
Signature	Signature	Signature	AN	No max length defined.	Encrypted key for authenticating the request. Currently not required.	NA

Request Sample

```

{
  "panInquiry": {
    "Header": {
      "TranID": "uniqueTransactionID",
      "Corp_ID": "validCorpID",
      "Maker_ID": "",
      "Checker_ID": "",
      "Approver_ID": ""
    },
    "Body": {
      "panNumbers": [
        { "pan1": "AMXPP6546K" },
        { "pan2": "AWXCC6589K" },
        { "pan3": "AKLPP6421L" },
        { "pan4": "ACQHP6546K" },
        { "pan5": "AZXPM8531O" }
      ]
    }
  },
  "Signature": {
    "Signature": "Signature"
  }
}

```

Response Parameters

Business Parameter Name	Description	Parameter Name	Parameter Type	Parameter Constraints	Comments	Mandatory/ Option
TranID	Transaction Id	TranID	AN	MaxLength=16	Transaction ID generated by consumer which is unique	M
Corp_ID	Corporate Id	Corp_ID	AN	MaxLength=20	Unique ID assigned to each enrolled Corporate	M
Maker_ID	Maker Id	Maker_ID	AN	MaxLength=20	Unique ID for request creator	NA
Checker_ID	Checker Id	Checker_ID	AN	MaxLength=20	Unique ID for request checker	NA
Approver_ID	Approver Id	Approver_ID	AN	MaxLength=20	Unique ID for request approver	NA
esbreturncode	ESB Return code	esbreturncode	Numeric	MaxLength=2	ESB error code, incase validations fails at ESB end.	O
esbreturndesc	ESB error Description	esbreturndesc	AN	MaxLength=2	Valid Error Desc for ESB error Code,	O
returncode	NSDL Status code	returncode	Numeric	MaxLength=2	NSDL Status Code for Request Sent.	M
pan	PAN No	pan	AN	MaxLength=10	PAN no sent as part of Request	M
panstatus	PAN No status at NSDL.	Panstatus	String	MaxLength=1	PAN status managed by NSDL	M
lastname	Last Name	lastname	String	NA	Last name as per NSDL Database	O
firstname	First Name	firstname	String	NA	First name as per NSDL Database	O
middlename	Middle Name	middlename	String	NA	Middle name as per NSDL Database	O
pan-title	Title	pan-title	String	NA	Title as per NSDL Database	O
last-update-date	Last update	last-update-date	String	NA	Last update date as per NSDL Database	O
filler1	Filler 1	filler1	AN	NA	Filler defined by NSDL for future use	O
Filler2	Filler 2	filler2	AN	NA	Filler defined by NSDL for	O

					future use	
Filler3	Filler 3	filler3	AN	NA	Filler defined by NSDL for future use	O
Signature	Signature	Signature	AN	No max length defined.	Encrypted key for authenticating the request. Currently not required.	NA

Response Sample

```
{
  "panInquiryResponse": {
    "Header": {
      "TranID": "uniqueTransactionID",
      "Corp_ID": "validCorpID",
      "Maker_ID": "",
      "Checker_ID": "",
      "Approver_ID": ""
    },
    "Body": {
      "esbreturncode": "0",
      "esbreturndesc": "",
      "returncode": "1",
      "panDetails": [
        {
          "pan": "AMXPP6546K",
          "panstatus": "E",
          "lastname": "PATIL",
          "firstname": "BHUSHAN",
          "middlename": "VILAS",
          "pan-title": "Shri",
          "last-update-date": "15/09/2014",
          "filler1": null,
          "filler2": null,
          "filler3": null
        },
        {
          "pan": "AWXCC6589K",
          "panstatus": "E",
          "lastname": "PATIL",
          "firstname": "KAMLESH",
          "middlename": "BHUSHAN",
          "pan-title": "Shri",
          "last-update-date": "15/09/2014",
          "filler1": null,
          "filler2": null,
          "filler3": null
        },
        {
          "pan": "AKLPP6421L",
          "panstatus": "E",
          "lastname": "PATIL",
          "firstname": "SHAILESH",
          "middlename": "KAMLESH",
          "pan-title": "Shri",
          "last-update-date": "15/09/2014",
          "filler1": null,
          "filler2": null,
          "filler3": null
        },
        {
          "pan": "ACQHP6546K",
          "panstatus": "N",
          "lastname": null,
          "firstname": null,
          "middlename": null,

```

```

    "pan-title": null,
    "last-update-date": null,
    "filler1": null,
    "filler2": null,
    "filler3": null
  },
  {
    "pan": "AZXPM8531O",
    "panstatus": "F",
    "lastname": "PATEL",
    "firstname": "RAMESH",
    "middlename": "SURESH",
    "pan-title": "Shri",
    "last-update-date": "15/09/2014",
    "filler1": null,
    "filler2": null,
    "filler3": "null"
  }
],
"Signature": {
  "Signature": "Signature"
}
}
}

```

Response Codes

Response Stage	Response Code	Response Message
SUCCESS	E	Existing and Valid PAN
SUCCESS	F	Fake PAN
SUCCESS	N	Record (PAN) Not Found in ITD Database/Invalid PAN

Error Codes

Error Code	Error Type	Short Message	Long Message	Correcting This Error	Error Type
1	SUCCESS	Success	NA	NA	NA
2	FAILURE	System Error	NA	NA	NA
3	FAILURE	Authentication Failure	NA	NA	NA
4	FAILURE	User not authorized	NA	NA	NA
5	FAILURE	No PANs Entered	NA	NA	NA
6	FAILURE	User validity has expired	NA	NA	NA
7	FAILURE	Number of PANs exceeds the limit (5)	NA	NA	NA
8	FAILURE	Not enough balance	NA	NA	NA
9	FAILURE	Not an HTTPs request	NA	NA	NA
10	FAILURE	POST method not used	NA	NA	NA