

OVERVIEW

This document explains REST APIs for verification of identity cards in India like PAN, Passport, Voter ID, Aadhar and Driving License.

A valid JSON response will be returned by all REST API's.

You can have a look at all the available APIs in our demo [link](#), you need a valid API key to access these APIs. Please contact vineeth@onlinerti.com to get your API Keys.

Demo Link - <http://demo.getupforchange.com/?key=YOUR-API-KEY>

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1. Aadhar API

There are two API's for Aadhar. One is Aadhar Card Verification and another is EKYC Verification.

In Aadhar card verification process, submit aadhar number, name, date of birth and the API will return if the card is genuine or not. In EKYC verification, submit aadhar number and an OTP will be generated and send to registered mobile number. Upon providing the OTP code, you will get Name, Date Of Birth, Gender, Photo, Address.

1.1 Aadhar Card Verification

To query details of a Aadhar card, do a HTTP GET Request

Url -

<http://aadhar.getupforchange.com/verify/<aadharNo>/<name>/<dob>?key=YOUR-API-KEY>

1.1.1 Example:

```
curl -X GET -d "key=YOUR-API-KEY"
```

http://aadhar.getupforchange.com/verify/618749677222/Vinoth/22%2F04%2F1984?key=YOUR_API_KEY

Note: Date of birth has to be encoded - [Refer](#)

Sample numbers

618749677222, Vinoth, 22/04/1984

1.1.2 Request

Parameter	Description	Example
aadharNo	Aadhar Number	618749677222
Name	Name of the person	Vinoth

Date Of Birth	Date of Birth	22/04/1984
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1.1.3 Response

Parameter	Description	Example
status	Status of response OK - Request was successful. INVALID_AADHAR_NUMBER - Aadhar Number is Invalid API_LIMIT_EXCEEDED - Over quota. INVALID_API_KEY - Invalid API Key	OK
aadharNo	Aadhar card number	618749677222
name	Name of the person	Vinoth
dob	Date of Birth	22/04/1984
aadharStatus	Status of Aadhar	Verified or Invalid

1.1.4 Sample Response

```
{
  "status": "OK",
  "aadharNo": "618749677222",
  "name": "Vinoth",
  "dob": "22/04/1984",
  "aadharStatus": "Verified"
}
```

1.2 EKYC Verification

Ekyk is a two step process.

- Submit aadharNo to our API. An OTP code will be generated and sent to the registered mobile number.
- Submit OTP code and get the KYC details of the person.

1.2.1 Example (Step 1):

curl -X GET -d "key=YOUR-API-KEY"

http://aadhar.getupforchange.com/ekyc/<aadharNo>?key=YOUR_API_KEY

Sample numbers

618749677222

1.2.1.1 Request

Parameter	Description	Example
aadharNo	Aadhar Number	618749677222

1.2.1.2 Response

Parameter	Description	Example
status	Status of response OK - Request was successful. INVALID_AADHAR_NUMBER - Aadhar Number is Invalid API_LIMIT_EXCEEDED - Over quota. INVALID_API_KEY - Invalid API Key	OK
aadharNo	Aadhar card number	618749677222
otpStaus	OTP Status	OTP Sent to registered mobile number

1.2.1.3 Sample Response

```
{  
  "status": "OK",  
  "aadharNo": "618749677222",  
  "otpstatus": "OTP sent to registered Mobile Number"  
}
```

1.2.2 Example (Step 2):

curl -X GET -d "key=YOUR-API-KEY"

http://aadhar.getupforchange.com/ekyc/otpCode/<code>/<aadharNo>?key=YOUR_API_KEY

1.2.2.1 Request

Parameter	Description	Example
code	OTP Code	12345
aadharNo	Aadhar Number	618749677222

1.2.2.2 Response

Parameter	Description	Example
status	Status of response OK - Request was successful. INVALID_AADHAR_NUMBER - Aadhar Number is Invalid API_LIMIT_EXCEEDED - Over quota. INVALID_API_KEY - Invalid API Key	OK
aadharNo	Aadhar card number	618749677222
name	Name of the card Holder	Vinoth Ranganathan
dob	Date of Birth	22-04-1984
photo	Last Name	Base64 String of the Photo
gender	Gender	Male
address	Address	S/O: G Ranganathan,#34,1st main road,near christian college,Bangalore North,Bangalore,Karnataka,560043

1.2.3 Sample Response

```
{  
  "status": "OK",  
  "name": "Vinoth Ranganathan",  
  "dob": "22-04-1984",  
  "photo": "base64_string",  
  "gender": "Male",  
  "address": "S/O: G Ranganathan,#34,1st main road,near christian college,Bangalore  
North,Bangalore,Karnataka,560043",  
  "otpstatus": "Valid OTP Code",  
  "aadharNo": "618749677222"  
}
```

2. PAN API

To query details of a PAN card, do a HTTP GET Request

Url - <http://pan.getupforchange.com/api/<panNumber>?key=YOUR-API-KEY>

2.1 Example:

curl -X GET -d "key=YOUR-API-KEY" <http://pan.getupforchange.com/api/AFGPV2392K>

Sample numbers

AFGPV2392K

2.2 Request

Parameter	Description	Example
panNo	PAN Number	AFGPV2392K
key	API Key	API key shared with you

2.3 Response

Parameter	Description	Example
status	Status of response	OK

	OK - Request was successful. INVALID_PAN_NUMBER - Pan Number is Invalid API_LIMIT_EXCEEDED - Over quota. INVALID_API_KEY - Invalid API Key	
panNumber	PAN card number	AFGPV2392K
firstName	First Name	Vinoth
middleName	Middle Name	
lastName	Last Name	Ranganathan
State	Place of Issue	Karnataka

2.4 Sample Response

```
{
  "status": "OK",
  "panNumber": "AFGPV2392K",
  "firstName": "VINOTH",
  "middleName": "",
  "lastName": "RANGANATHAN",
  "state": "KAR"
}
```


3. Voter ID

To query details of a voter ID card, do a HTTP GET request:

Url - <http://votercard.getupforchange.com/api/<voterIDNumber>?key=YOUR-API-KEY>

3.1 Example:

curl -X GET -d "key=YOUR-API-KEY" <http://votercard.getupforchange.com/api/UZJ6599955>

Sample numbers

UZJ6599955

3.2 Request

Parameter	Description	Example
Voter ID	Voter ID Number	UZJ6600308
apikey	API Key	API key shared with you

3.3 Response

Parameter	Description	Example
status	Status of response OK - Request was successful. INVALID_VOTERID_NUMBER - Voter ID Number is Invalid API_LIMIT_EXCEEDED - Over	OK

	quota. INVALID_API_KEY - Invalid API Key	
id	Voter ID Number	UZJ6599955
name	First name	Vinoth R
gender	Gender of card holder	Male
fathersName	Father's Name	G.Ranganathan
age	Age	32
dateOfBirth	Date of Birth	1984-04-22
houseNumber	House Number	34
region	Region	K.R. Pura
state	State	Karnataka

3.4 Sample Response

```
{
  "id": "UZJ6599955",
  "name": "Vinoth R ",
  "nameInLocale": "ವಿನೋತ್ ",
  "gender": "Male",
  "fathersName": "G Ranganathan ",
  "fathersNameInLocale": "ಜಿ ರಂಗನಾಥನ್ ",
  "age": 32,
  "dateOfBirth": "1984-04-22",
  "houseNumber": "34",
  "pollingStation": "Govt. Lower Primary School",
  "region": "K.R. Pura",
  "zone": "Bangalore North",
  "district": "B.B.M.P(NORTH)",
  "state": "Karnataka",
  "latlong": "13.03606310,77.65714470",
  "lastUpdate": "Tue May 31 06:35:41 IST 2016",
  "status": "OK"
}
```

4. Passport

To query details of a passport number, do a HTTP GET request:

Url - <http://passport.getupforchange.com/api/<fileNumber>/<dob>?key=YOUR-API-KEY>

4.1 Example:

```
curl -X GET -d "key=YOUR-API-KEY"
```

<http://passport.getupforchange.com/api/BN2077198736713/11%2F04%2F1982>

Note: Date of birth has to be encoded - [Refer](#)

Sample numbers

BN2077198736713, 11/04/1982

4.2 Request

Parameter	Description	Example
File Number	Passport File Number	BN2077198736713
Date of Birth	Date of Birth	11/04/1982
key	API Key	API key shared with you

4.3 Response

Parameter	Description	Example
status	Status of response OK - Request was successful. INVALID_PASSPORT_FILENUMBER - Pan Number is Invalid API_LIMIT_EXCEEDED - Over quota. INVALID_API_KEY - Invalid API Key	OK
fileNumber	Passport File Number	BN2077198736713
dateOfBirth	Date of Birth	11/04/1982
firstName	First name of passport holder	Bharani
lastName	Last name of passport holder	VittalGopinath
date	Date of Issue	10/09/2013

4.4 Sample Response

```
{
  "status": "OK",
  "fileNumber": "BN2077198736713",
  "dateOfBirth": "11/04/1982",
  "firstName": "BHARANI",
  "lastName": "VITTALGOPINATH",
  "date": "10/09/2013"
}
```

5. Driving License

To query license data for a driver, do a HTTP POST request:

Url - <http://license.getupforchange.com/licenseDetails>

Params - LicenseNo, API Key, CallbackUrl

5.1 Example:

```
curl -X POST -d "licenseNo=KA4120120003401&callbackUrl=  
http://demo.getupforchange.com/licenseReport&key=YOUR-API-KEY"  
http://license.getupforchange.com/licenseDetails
```

5.2 Request

Parameter	Description	Example
licenseNo	Driver License Number	KA0320090010244
key	API Key	YOUR_API_KEY
callbackUrl	Callback URL where we will post the license data	Callback URL to your server

5.3 Immediate Response

Parameter	Description	Example
status	Status of request	OK

	OK - Request was successful. SERVER_ERROR -There was some error in server.	
--	---	--

5.4 Sample Initial Response

```
{
  "status": "OK",
  "message": "License Request Accepted",
  "reqTime": "01/09/2016 16:53:12"
}
```

5.5 Push Response

Parameter	Description	Example
status	Status of response OK - Request was successful. SERVER_ERROR -There was some error in server. DONT_KNOW - Record does not exist. INVALID_REQUEST -Request was invalid. OVER_QUERY_LIMIT - Over quota.	OK
name	Name of the driver	PRADEEP BHATT
swd	Son/Wife/Daughter of	SACHIDANAND BHATT
issuedBy	License Issued By	RTO,BANGALORE (EAST)
issuedDate	License Issued Date	18/02/2011
nonTransportValidFrom	Non-Transport - Valid From	18/02/2011

nonTransportValidUntil	Non-Transport - Valid Until	14/03/2029
transportValidFrom	Transport - Valid From	-
transportValidUntil	Transport - Valid Until	-

5.6 Sample Final Response

```
{
  "name": "SHARANABASU ANGADI",
  "swd": "GURAPPA",
  "issuedBy": "RTO JNANABHARATHI",
  "issuedDate": "18/02/2012",
  "licenseNo": "KA4120120003401",
  "permanentAddress": "# 8/26/2, GANGADHARA LAYOUT,,NEAR BHEL LAYOUT, PATTANAGERE, RR NAGAR,,BANGALORE",
  "presentAddress": "",
  "nonTransportValidFrom": "18/02/2012",
  "nonTransportValidUntil": "17/02/2032"
}
```