

VID WRAPPER API REFERENCE DOCUMENT

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1. Introduction

VID Wrapper API is used to generate and retrieve a Virtual ID (VID) for a given Aadhaar Number (UID)

2. Flow

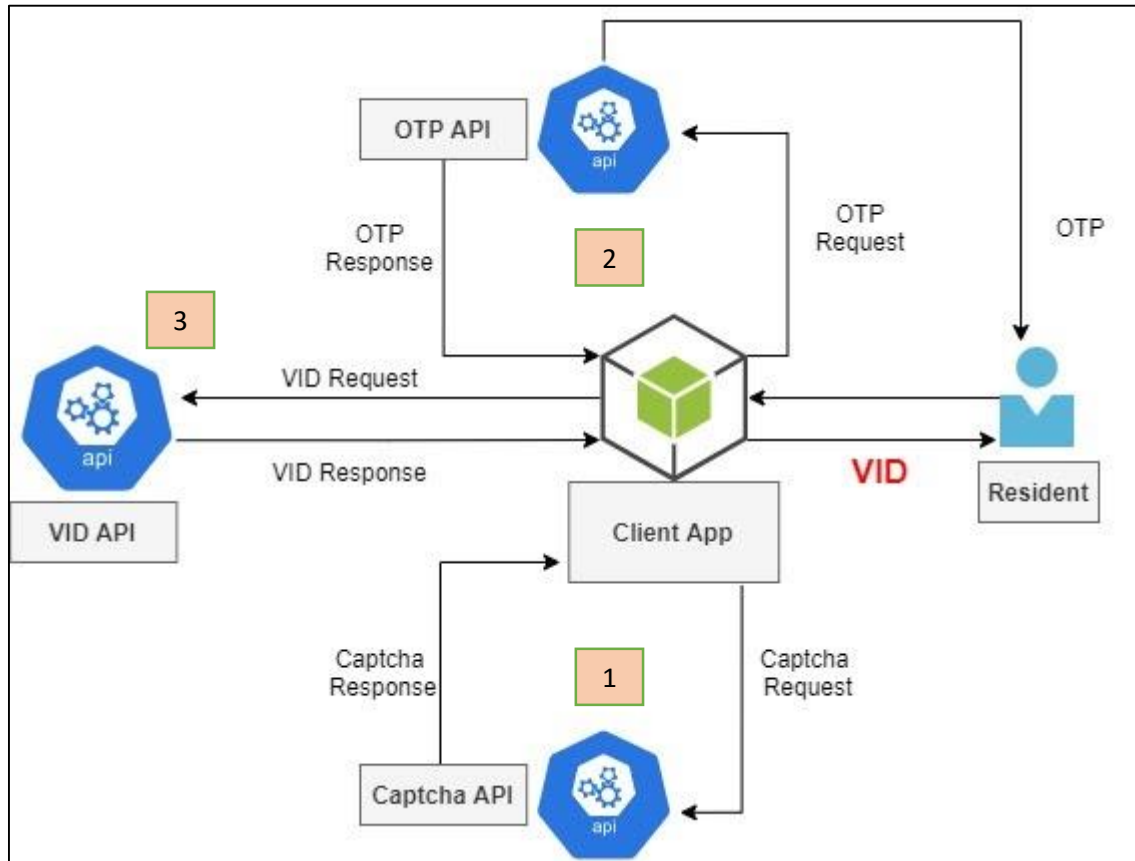


Fig 1. VID Wrapper API Flow

To generate or retrieve VID below are the steps that needs to followed

STEP 1: Generate Captcha

In the above flow diagram, resident will be using a client application through which captcha request will be the sent. The captcha is required to generate OTP for a resident. Below are API details for fetching captcha.

URL

- <https://stage1.uidai.gov.in/unifiedAppAuthService/api/v2/get/captcha>

HTTP Method

- POST

HTTP Header

- Content-Type: application/json

- The request body shown below should be used as is.

Sample HTTP Response Body

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```
"message": "SUCCESS"
}
```

- In the above response, the field `statusCode` will value 200 indicates successful captcha generation. The captcha value is contained in the field `captchaBase64String` which contains the base64 value of captcha image.

STEP 2: Generate OTP

- As seen in the flow diagram, after successful generation of captcha , OTP generation is triggered using `captchaTxnId` and `captchaBase64String` fields as shown below.

URL

- <https://stage1.uidai.gov.in/unifiedAppAuthService/api/v2/generate/aadhaar/otp>

HTTP Method

- POST

HTTP Request Headers

- x-request-id: This value should be generated using UUIDv4 standard
- appid: MYAADHAAR
- Accept-Language: en_in
- Content-Type: application/json

HTTP Request Body

```
{
  "uidNumber": "xxxxxxxx9999",
  "captchaTxnId": "mbQxiUT4NtnP",
  "captchaValue": "dvw2kz",
  "transactionId": "MYAADHAAR:59142477-3f57-465d-8b9a-75b28fe48725"
}
```

- In the above request body, the field `uidNumber` is the Aadhaar number for which VID has to be generated/retrieved
- `captchaTxnId` field value should match the `captchaTxnId` field value in captcha response
- `captchaValue` is the characters in the image shown in `captchaBase64String`
- `transactionId` field whose value should be generated by UUIDV4 standard and prefixed with "MYAADHAAR:"

Sample HTTP Response Body

```
{
  "uidNumber": xxxxxxxx9999,
  "mobileNumber": 0,
  "txnId": "mAadhaar:fb227e0b-7fdf-4555-85f1-e8ed73df2650",
  "status": "Success",
  "message": "OTP generation done successfully"
}
```

- In the above response field `status` with value "Success" indicates successful OTP generation



STEP 3:

FLOW 1: Generate VID

- As shown in the flow diagram, after successful generation of OTP below are the details to generate VID

URL

- <https://stage1.uidai.gov.in/vidwrapper/generate>

HTTP Header

- Content-Type: application/json

HTTP Method

- POST

HTTP Request Body

```
{
  "uid" : "xxxxxxxx9999",
  "mobile" : "xxxxxxxxxxxx",
  "otp" : "640496",
  "otpTxnId" : "mAadhaar:fb227e0b-7fdf-4555-85f1-e8ed73df2650"
}
```

- In the above request body, the field `uid` is the Aadhaar number for which OTP has been generated and VID has to be generated
- `mobile` field is the registered mobile number of UID
- `otp` field is the OTP sent to the registered mobile during OTP generation step
- `otpTxnId` field value should be same as `txnId` field value fetched from OTP Generation response body

Sample HTTP Response Body

```
{
  "status": "Success",
  "vid": "xxxxxxxxxx949461",
  "message": "Successfully generated the Vid for Aadhaar: xxxxxxxx7882",
  "ErrorCode": null
}
```

FLOW 2: Retrieve VID

- As shown in the flow diagram, after successful generation of OTP below are the details to retrieve VID

URL

- <https://stage1.uidai.gov.in/vidwrapper/retrieve>

HTTP Header

- Content-Type: application/json



HTTP Method

- POST

HTTP Request Body

```
{
  "uid" : "xxxxxxxx9999",
  "mobile" : "xxxxxxxxxxxx",
  "otp" : "640496",
  "otpTxnId" : "mAadhaar:fb227e0b-7fdf-4555-85f1-e8ed73df2650"
}
```

- In the above request body, the field `uid` is the Aadhaar number for which OTP has been generated and VID has to be generated
- `mobile` field is the registered mobile number of UID
- `otp` field is the OTP sent to the registered mobile during OTP generation step
- `otpTxnId` field value should be same as `txnId` field value fetched from OTP Generation response body

Sample HTTP Response Body

```
{
  "status": "Success",
  "vid": "xxxxxxxx949461",
  "message": "Successfully generated the Vid for Aadhaar: xxxxxxxx7882",
  "ErrorCode": null
}
```