**Resident Service**

Resident services are the self-services which are used by the residents themselves via a portal. Resident Portal is a web-based UI application that provides residents of a country the services related to their Unique Identification Number.

The Vid generation and revocation will be done using valid UIN and the data will be stored in idmap.vid table.

Here, we will get the vid details like vid, vid type, vid status.

We have two ways, for generating and revoking the vid

1.) OTP based Vid. (OTP based, we are processing it from API)

2.) Token based Vid. (Token based, we are processing it via resident UI / API)

* In resident vid controller, we have generate vid method, in that vidGenerator it will internally call **idRepository** to create the vid. **IDAUTHCREATEVID =** ${mosip.idrepo.vid.url}/idrepository/v1/vid

URL for **OTP Based** Generate VID:

**https://api-internal.tfgov.idencode.link/resident/v1/vid**

**Generate VID:**

POST**:** {{url}}/resident/v1/vid  
Api used to Generate Vids.  
Request Sample:

{

  "id": "mosip.resident.vid",

  "request": {

  "individualId": "7507328370",

   "otp": "111111",

   "transactionID": "0123456789",

   "vidType": "perpetual"

  },

  "requesttime": "2023-03-17T05:57:06.819Z",

  "version": "v1"

}

Response Json:

{

    "id": "mosip.resident.vid",

    "version": "v1",

    "responsetime": "2023-07-20T12:56:31.310Z",

    "response": {

        "vid": "3829169043026341",

        "message": "Notification has been sent to the provided contact detail(s)"

    },

    "errors": []

}

* we have generateVidV2 method, in that vidGenerator it will internally call **idRepository** to create the vid. **IDAUTHCREATEVID =** ${mosip.idrepo.vid.url}/idrepository/v1/vid

To access the swagger, we need to login through resident UI.

<https://resident.tfgov.idencode.link/#/dashboard>

After successful login, we can be able to perform the generation and revocation from the UI or We can perform through API.

URL for **Token Based** Generate VID:

<https://api-internal.tfgov.idencode.link/resident/v1/generate-vid>

**Generate VID:**  
POST**:** {{url}}resident/v1/generate-vid  
Api used to Generate Vids.  
Request Sample:

{

  "id": "mosip.resident.vid.generate",

  "version": "1.0",

  "requesttime": "2020-09-30T06:20:22.404Z",

  "request": {

    "transactionID": "1234567890",

    "vidType": "perpetual",

    "channels": [

    ]

  }

}

Response Json:

{

  "id": "mosip.resident.vid.generate",

  "version": "1.0",

  "responsetime": "2023-07-20T13:16:22.174Z",

  "response": {

    "vid": "3917508370520479",

    "message": "Notification has been sent to the provided contact detail(s)",

    "maskedPhone": "\*\*\*\*\*\*4518",

    "maskedEmail": "Tes\*\*\*\*@gmail.com",

    "status": "Success"

  },

  "errors": []

}

* In revoke vid method, we have vid deactivator, it will internally call **idrepository** to revoke the vid. **IDAUTHREVOKEVID =** ${mosip.idrepo.vid.url}/idrepository/v1/vid

URL for **OTP Based** Revoke VID:

<https://api-internal.tfgov.idencode.link/resident/v1/vid/3829169043026341>

**Revoke VID:**  
PATCH**:** {{url}}/resident/v1/vid/3829169043026341  
Api used to Revoke the Vids.

Request Sample:

{

  "id": "mosip.resident.vidstatus",

  "version": "v1",

  "requesttime": "2023-03-13T09:46:14.424Z",

  "request": {

    "transactionID": "0123456789",

    "vidStatus": "REVOKED",

    "individualId": "7507328370",

    "otp": "111111"

  }

}

Response Json:

{

    "id": "mosip.resident.vidstatus",

    "version": "v1",

    "responsetime": "2023-07-20T13:28:31.443Z",

    "response": {

        "message": "Notification has been sent to the provided contact detail(s)"

    },

    "errors": []

}

* In revokeVidV2Version method, we have vid deactivator, it will internally call **idrepository** to revoke the vid. **IDAUTHREVOKEVID =** ${mosip.idrepo.vid.url}/idrepository/v1/vid

URL for **Token Based** Revoke VID:

<https://api-internal.tfgov.idencode.link/resident/v1/revoke-vid/3917508370520479>

**Revoke VID:**  
PATCH**:** {{url}}resident/v1/revoke-vid/3917508370520479  
Api used to Revoke the Vids.  
Request Sample:

{

  "id": "mosip.resident.vid.revoke",

  "version": "1.0",

  "requesttime": "2022-05-23T07:51:23.304Z",

  "request": {

    "transactionID": "1234567890",

    "vidStatus": "Revoked"

  }

}

Response Json:

{

  "id": "mosip.resident.vid.revoke",

  "version": "1.0",

  "responsetime": "2023-07-20T13:32:04.990Z",

  "response": {

    "message": "Notification has been sent to the provided contact detail(s)",

    "status": "Success"

  },

  "errors": []

}

Notification Service:

1.) OTP based Vid.

2.) Token based Vid.

**FLOW:**

1. If we are performing the generate vid for the first time, it will generate vid and the generated vid notification will be send to the registered **mobile number** and to the **E-mail**.
2. In other case, if vid is already generated from the UIN**, for the 2nd (**configurable **mosip-vid-policy.json)** time if again we are generating the vid, it will generate new vid and the existing vid will be revoked. Therefore, same case for revoke vid, it will revoke the vid and it will generate vid for that UIN.
3. We added notification flag as an optional, based on some country requirement, they can change the flag. For e.g.: if they setting the value is true for notification, they will receive the notification for their registered mobile number and for the email. If flag is False, they will not receive notification.
4. In Addition, the value of the vid is masked and then, it will send through the mail.
5. Templates for the notification:

The Templates are stored in the Mosip\_Master under Template table. Here we have template for the preferred languages like English, Arabic, French. If we add the preferred language based on language, we will get the notification in that language. Also, in this template table we can check the column (**file\_txt**) preferred languages and **(template\_type\_code)**

Templates:

1. Otp based vid Template Type Code:

RS\_VIN\_GEN\_SUCCESS\_EMAIL

**file text = Hi $fullName\_eng, Your VID for your UIN has been successfully generated. Your VID number is $VID. Thank You!**

Response in Notification:

karthik@gmail.com Successful Generation of VID

date:7/20/2023, 7:08:05 PM From: do-not-reply@mosip.io

Hi karthik, Your VID for your UIN has been successfully generated. Your VID number is 3\*\*\*\*\*\*\*\*\*\*\*\*\*51. Thank You!

RS\_VIN\_REV\_SUCCESS\_EMAIL

**file text = Hi $fullName\_eng, Your $VID has been successfully revoked. Thank You!**

Response in Notification:

karthik@gmail.com Successful Revocation of VID

date:7/20/2023, 7:08:04 PM From: do-not-reply@mosip.io

Hi karthik, Your 6\*\*\*\*\*\*\*\*\*\*\*\*\*47 has been successfully revoked. Thank You!

1. Token Based Vid Template Type Code:

gen-or-revoke-vid-success-email-content

**file text = Dear $name, <br>**

**Your request to $eventDetails is completed successfully on $date at $time. <br>**

**Your event id is #$eventId. <br>**

**Log in to the official website $trackServiceRequestLink for further details. <br>**

Notification Response:

For Generation**:**

karthik@gmail.com Acknowledgement: Generate VID|event ID: 8872351468852992|Status: success

Date:7/20/2023, 7:19:15 PM From: do-not-reply@mosip.io

Dear karthik, <br> Your request to Generate VID is completed successfully on 20-07-2023 at 13:36:02. <br> Your event id is #8872351468852992. <br> Log in to the official website https://resident.tfgov.idencode.link/#/uinservices/trackservicerequest?eid=8872351468852992 for further details.

For Revocation**:**

karthik@gmail.com Acknowledgement: Revoke VID|event ID: 1909862223051281 |Status: success

Date:7/20/2023, 7:19:14 PM From: do-not-reply@mosip.io

Dear karthik, <br> Your request to Revoke VID is completed successfully on 20-07-2023 at 13:55:42. <br> Your event id is #1909862223051281. <br> Log in to the official website https://resident.tfgov.idencode.link/#/uinservices/trackservicerequest?eid=1909862223051281 for further details.