



National Health Authority

(Ayushman Bharat Digital Mission)

Working with ABHA (Health ID) API – Milestone 1

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Working with ABHA (Health – ID) APIs

Purpose

This purpose of the document is to outline and demystify ABHA creation APIs and associated flows for the integrator. This document has the details of APIs and sequence diagrams for Milestone One/M-1 (Creation and Verification of ABHA Number).

Introduction

Ayushman Bharat Health Account (earlier known as Health ID) is used for the purposes of uniquely identifying persons, authenticating them, and threading their health records (only with the informed consent of the patient) across multiple systems and stakeholders. An integrator can start The ABDM Sandbox is ready to be integrated with Hospital and Lab software such as EMR, HIMS, LIMS, Telemedicine, among others through the ABDM APIs. All the services on the sandbox are designed to work with the Healthidsbx environment.

Implementer's guide to get started with ABDM's APIs can be found here : https://sandbox.abdm.gov.in/docs/getting_started_with_apis.

The complete API documentation with request / response parameters can be found here: <https://sandbox.abdm.gov.in/docs/healthid>

For any technical concerns regarding integration, kindly post query on the <https://devforum.abdm.gov.in/>

For the complete API summary, please refer to ANNEXURE -1 at the end of the document.

Error codes with descriptions have been provided in the **ANNEXURE-2** in this document.

Prerequisites for integration

API Security

You need Authorization Token and X-HIP-ID to consume APIs.

1. In case you want to consume the Health ID APIs and use creation on your own interface, use authentication methods as OTP only.
2. In order to have access to HealthID APIs, your clientId must have hid role in gateway. So if you want access to these APIs then please request it in your ABDM on-boarding request.
3. When calling APIs, please ensure that the Authorization header must have format as Bearer {Token_Value}. Please note that prefix Bearer followed by space before token value.
4. Please use the latest version of APIs (currently latest V2) as older versions may get deprecated soon.
5. Check the state and district codes from LGD directory [click here](#)
6. Additionally, please note, following enhanced security measures have been introduced in version 2 APIs
 - i. Sensitive data(Data like OTP, Aadhaar Number, Password, Username etc) have to be encrypted.
 - ii. Data is encrypted by the public certificate. The certificate can be downloaded from the /v2/auth/cert API under Authentication tag in the version 2.
 - iii. RSA Encryption to encrypt the data. Cipher Type - RSA/ECB/PKCS1Padding. online tool to encrypt data [click here](#)

1. Registration for ABHA (Health ID)

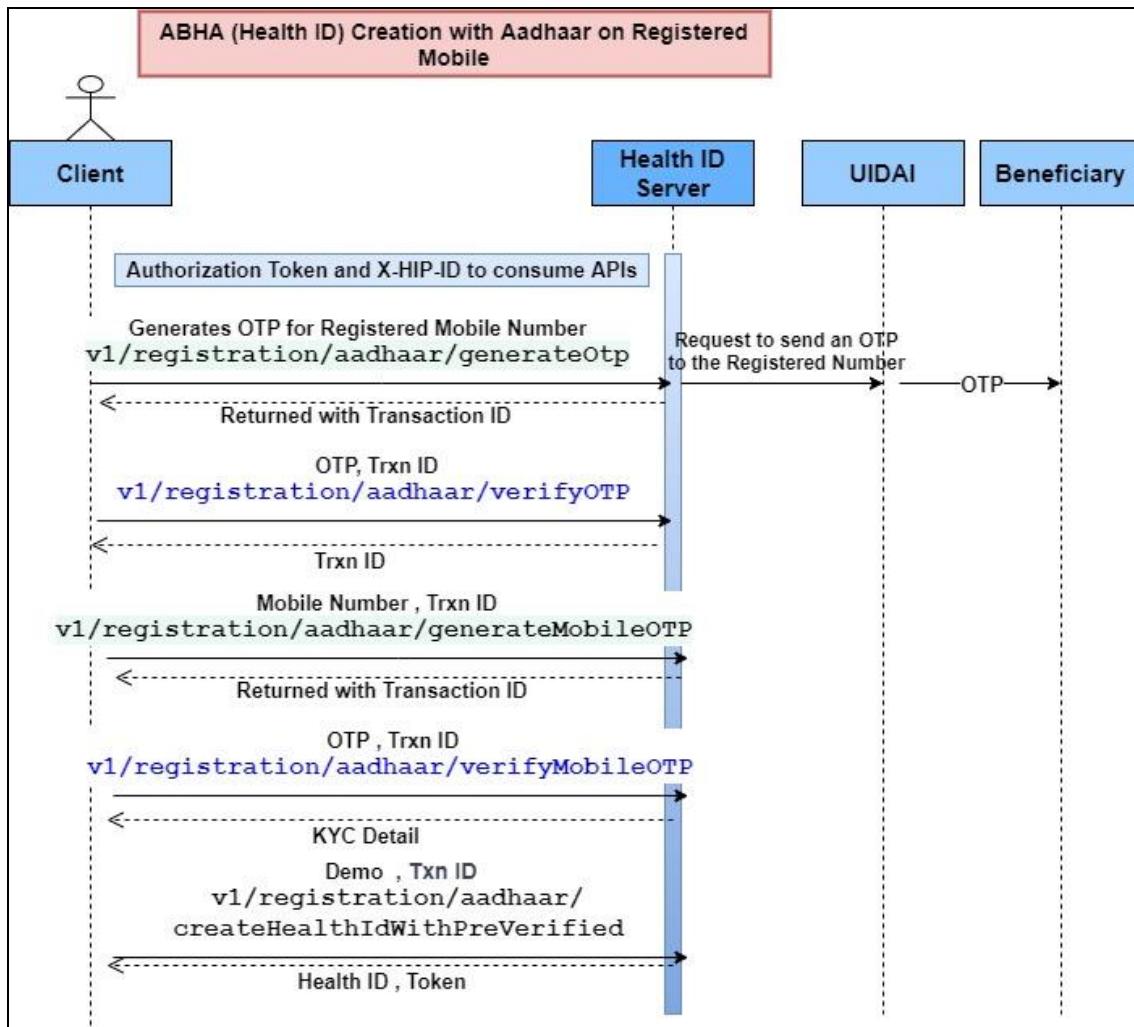
To enable creation of an **Ayushman Bharat Health Account**, henceforth referred as ABHA, following three methods are supported currently.

- a. [Registration via Aadhaar](#)
- b. [Registration via other ID Documents](#)

ABHA is envisioned as a unique, trusted patient identifier in the digital healthcare ecosystem.

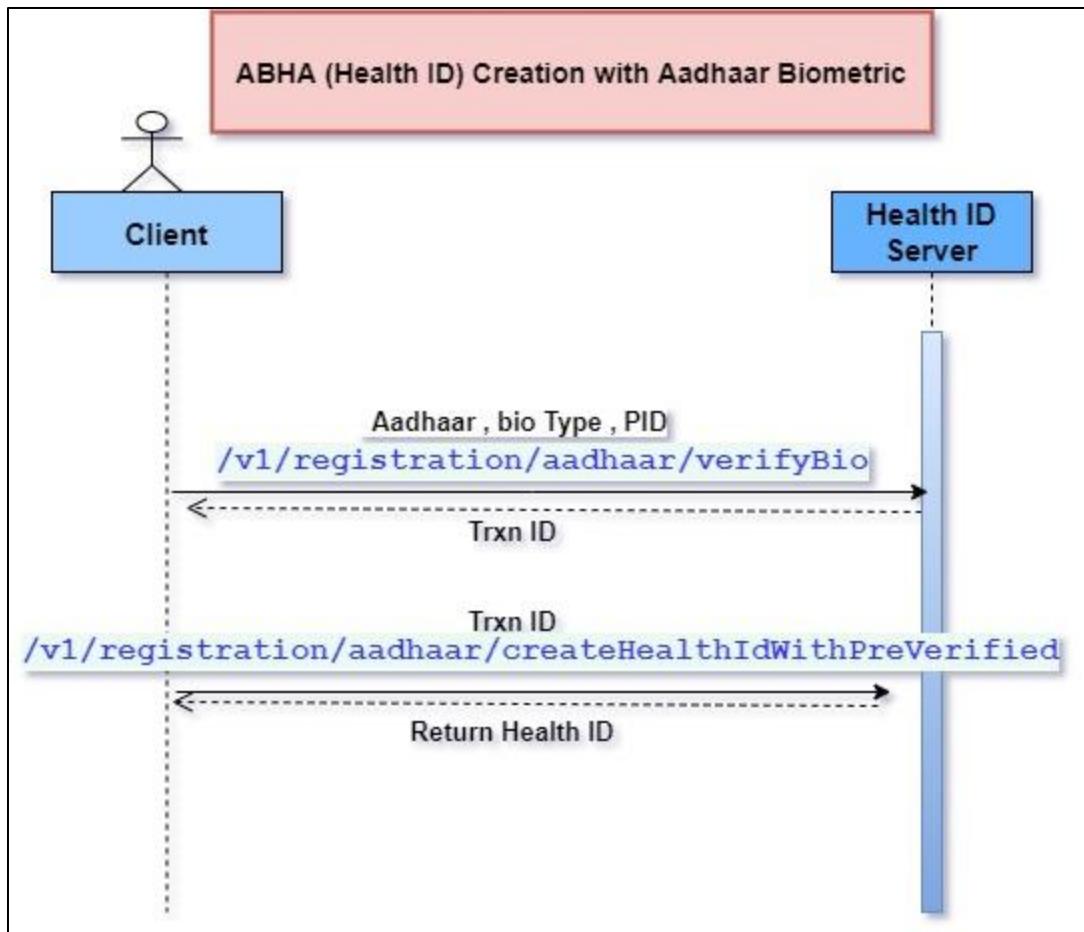
- a. Registration via Aadhaar Number

To enable beneficiary registration using Aadhaar OTP, an integrator needs to generate an Aadhaar OTP, followed by OTP verification. Once the OTP is verified, the client is returned complete profile data along with ABHA (Health ID) Number. The sequence of APIs used via this method are shown in the diagram below.



To enable beneficiary **registration using Aadhaar Biometric**, a client needs to have a Aadhaar Registered Device (RD Device) that allows capture and processing of Biometrics of the beneficiary. This RD Service returns an encrypted PID block containing signed biometrics (using device private key within the registered devices secure zone) back to the calling application.

To enable beneficiary registration using biometrics, this PID is passed in the request along with Aadhaar and other required details. Post verification, the client is returned complete profile data along with ABHA (Health ID). The sequence of APIs used via this method is shown in the diagram below.



b. Registration via Other Documents

Currently we support Driving License (DL) & PAN for ABHA number generation, apart from Aadhaar . ABDM plans to roll out other ID documents as well to enable creation. The same will be communicated and updated in the documentation as necessary. However, the integration flow will remain as the DL/PAN flow.

To enable beneficiary registration using other documents, the user is requested his/her mobile number to be linked with ABHA (Health ID) Number. An OTP is sent to the given mobile number and after verifying the OTP , demographic information of the user is captured along with the driving license number . Following demographic details are expected from the end user

- Name
- Date of birth
- Gender

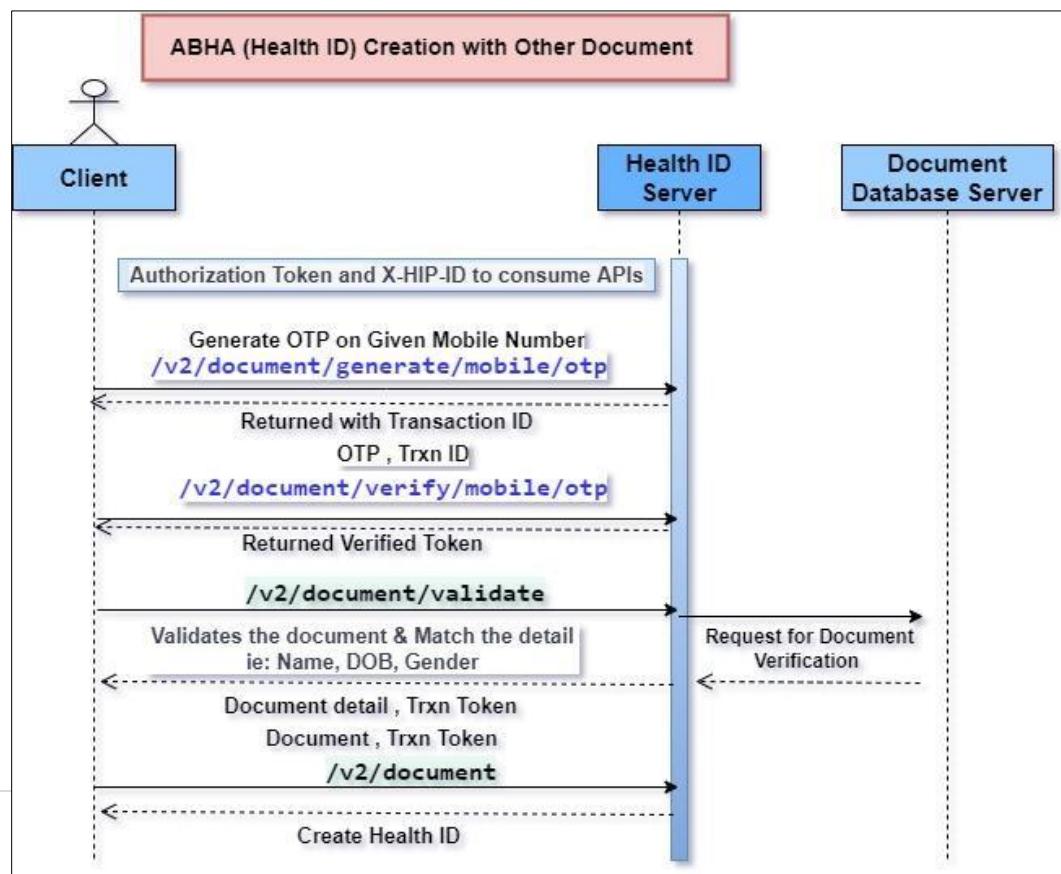
The submitted demographic details are then matched against the DL/PAN database. ABHA system also checks the details against the existing ABHA (Health ID) or Enrolment number database to prevent duplication.

Users are requested to upload scanned front and back images of their DL/PAN. Post submission, an enrollment number is generated. Health care workers/Facility Managers are expected to ensure that the submitted DL/PAN is of the end user requesting creation of ABHA. They can ensure the same by matching the picture in the uploaded document with the requesting person.

Please note, ABHA creation via Aadhaar is a one step process wherein, ABHA is created instantaneously. However, in case of other ID documents, an enrollment number is generated first which can only be converted to ABHA once a manual verification of identity is complete.

ABHA (Health ID) created through Self mode via using Driving license/PAN, an Enrolment number has been issued which can be verified at any facility centers.

The sequence of APIs used via other documents' method is shown in the diagram below.



Note: ABDM will soon roll out features that will support ABHA (Health ID) creation with other ID documents such as PAN card, Driving License, etc. in assisted mode at participating health facilities.

2. Login with ABHA (Health ID)

When an ABHA (health ID) is created, the API confirms if the ABHA (Health ID) is valid and also the authentication methods supported for the ABHA (HealthID). The user can choose an appropriate option to authenticate/Login the user.

To begin the process, the Authentication token public certificate API is called. This certificate is also used to encrypt the data. Then the API checks if ABHA (Health ID) is reserved/used which includes permanently deleted HIDs. Before using the method of login, ensure *Initiate authentication* API has been called already for the given ABHA. The following Authentication (Login) methods are supported. Client has to choose one login method from below given methods.

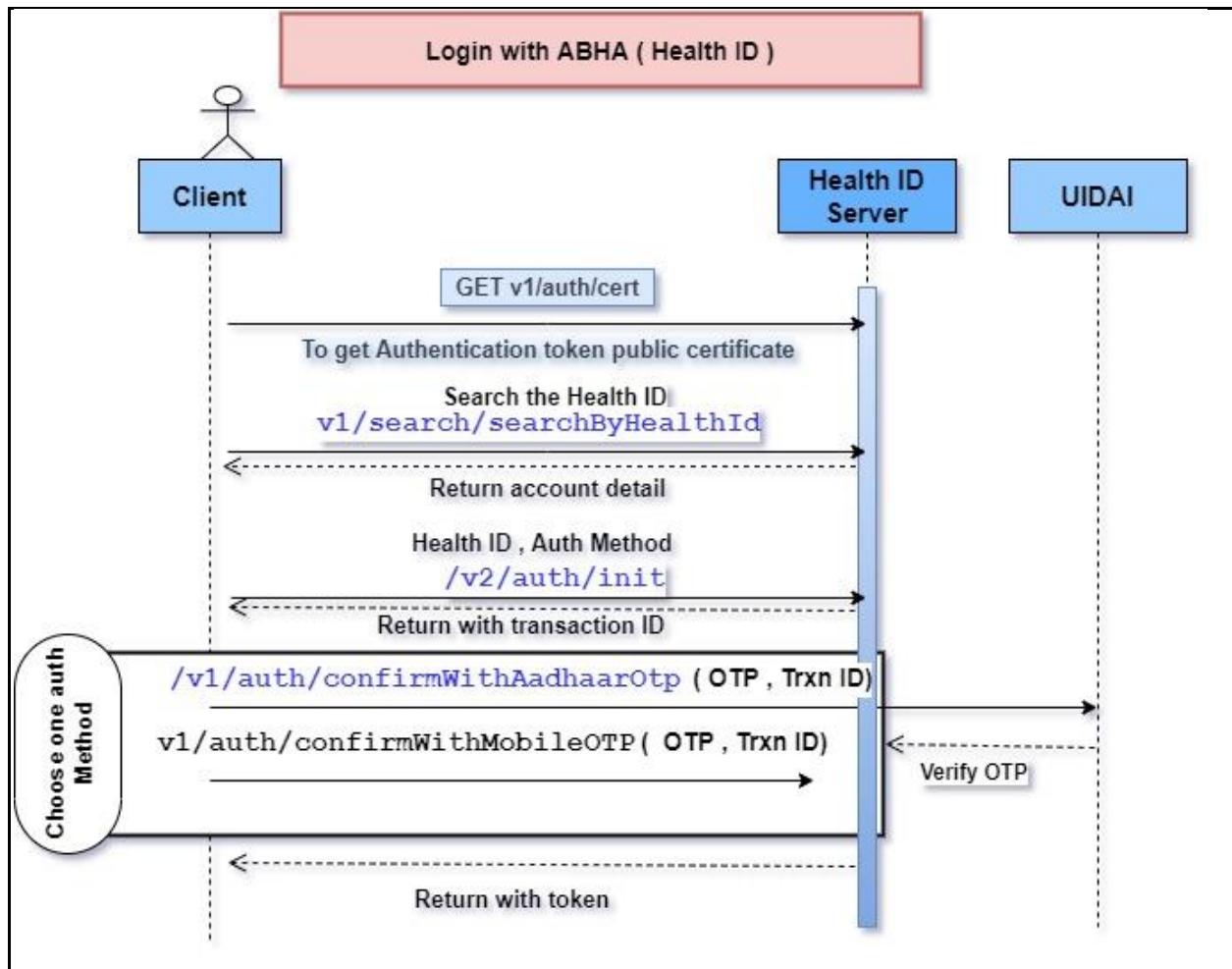
2.1 Login with Aadhaar OTP

An OTP is triggered with the Aadhaar linked mobile number of the patient. The patient must provide the OTP to the user to complete the authentication

2.2 Login with Mobile OTP

An OTP is sent to the patient's mobile number that is linked with the Health ID. The patient must share the OTP with the user for verification. A token has been returned and can be used for Profile APIs purpose.

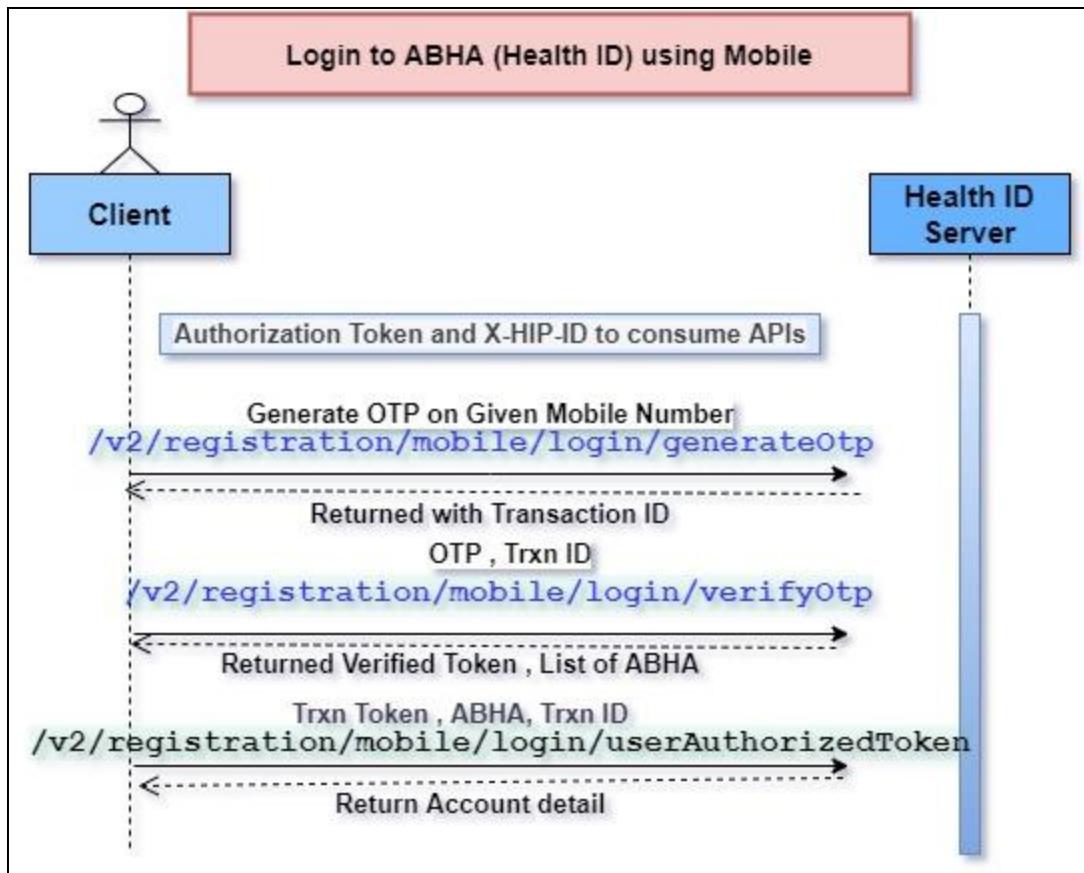
The sequence of APIs used via this method is shown in the diagram below.



3. Login to your ABHA using Mobile

Users will now be able to login to their ABHA using their Mobile Number. In case multiple ABHA numbers are linked to a Mobile Number, users will be able to choose the account they want to login to.

An OTP is sent to the patient's mobile number that is linked with the ABHA. The patient must share the OTP with the user for verification. A token has been returned and can be used for Profile APIs purpose.



4. Retrieve your account

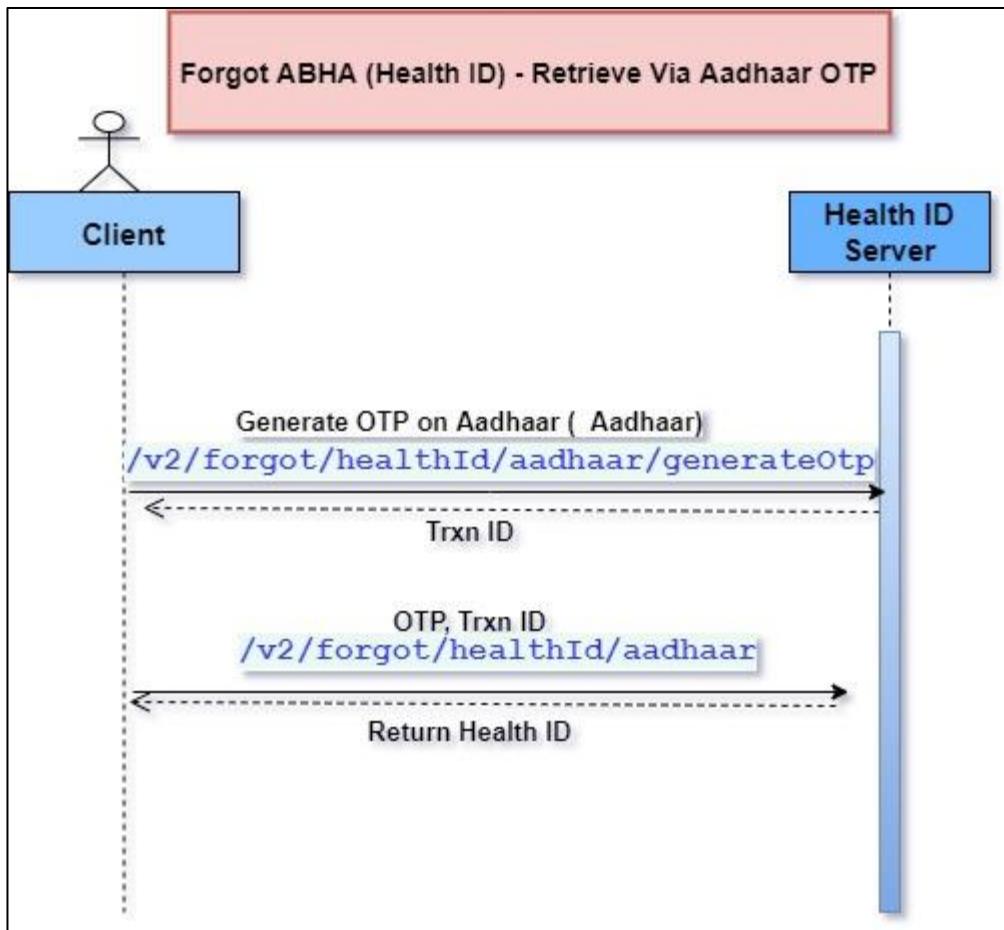
If a user has forgotten his/her ABHA (Health ID), it can be retrieved via the following two methods

- Through Aadhaar OTP
- Through Mobile OTP

Retrieve ABHA via Aadhaar OTP

To retrieve ABHA (Health ID), an OTP is sent on a registered mobile number and the user's health ID is retrieved from the ABDM server.

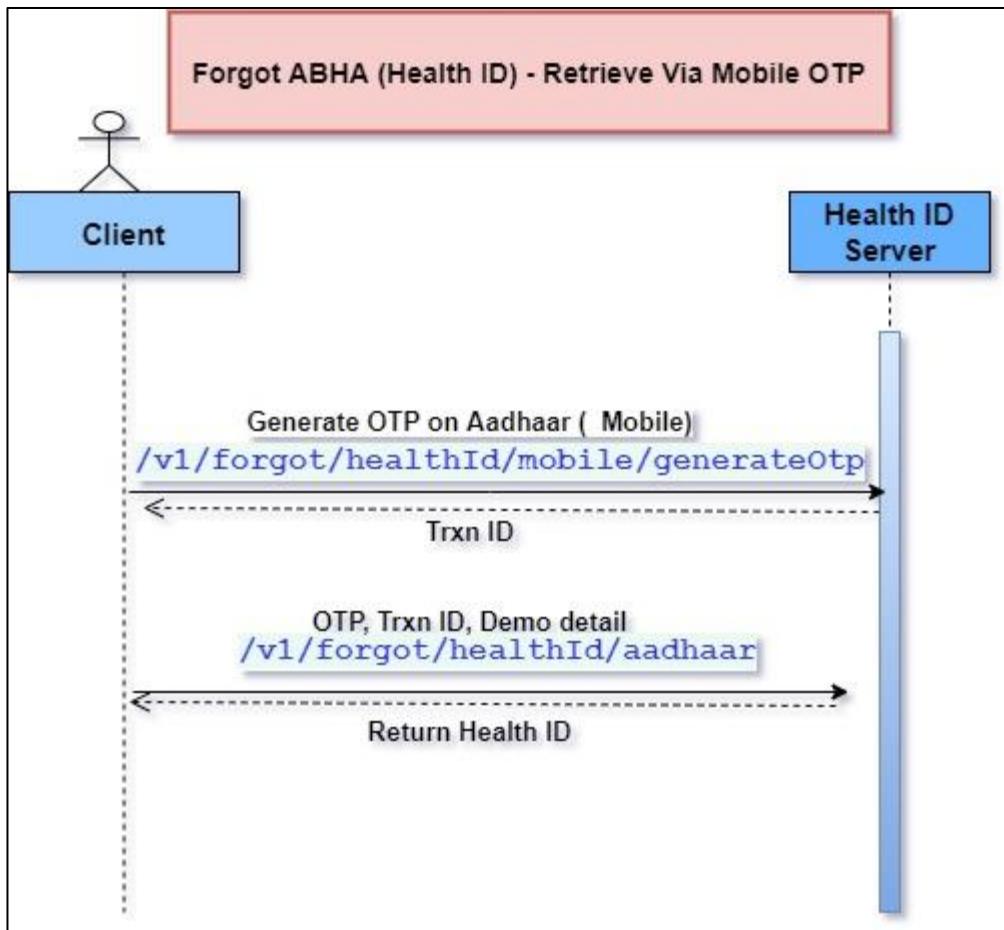
The sequence of APIs used via this method is shown in the diagram below.



Retrieve ABHA via Mobile OTP

To retrieve ABHA (Health ID), an OTP is sent on mobile number along with the user's demographic detail. User's health ID is retrieved from the ABDM server.

The sequence of APIs used via this method is shown in the diagram below.



5. User Profile

Get Profile

Endpoint: GET `v1/account/profile`

Request: Authentication token is used in the header for getting the profile detail for a given user.

X-Token * required
 string
(header)

Auth Token

Response :

Responses

Response content type `*/*`

Code	Description
200	<p><i>Return Account details in case of success</i></p> <p>Example Value Model</p> <pre>{ "address": "b-14 someshwar nagar", "authMethods": "ADHAAR OTP", "dayOfBirth": 31, "districtCode": 401, "districtName": "Pune", "email": "example@demo.com", "emailVerified": true, "firstName": "kishan", "gender": "Male", "id": 1, "lastName": "Patil", "middleName": "Ranjan", "mobile": "9876543210", "name": "kishan patil", "password": "1234567890", "status": "Active", "type": "User", "username": "kishanpatil123"}<code>Content-Type: application/json</code></pre>

GET QR Code

Endpoint : GET v1/account/qrCode

Request: Authentication token is being used in the header for getting the QR code in Byte Array form.

X-Token * required Auth Token

string
(header)

Responses

Code	Description
200	<p><i>Return QR Code in Byte Array Form in case of success</i></p> <p>Example Value Model</p> <pre>"string"<code>Content-Type: application/octet-stream</code></pre>

EDIT Profile

a. Update E-mail

OTP will be sent to the provided e-mail address. OTP will be valid for 10 minute only. To Update or Changes the existing e-mail Address (Verified/Unverified email). Send the New Email Address required in the request.

EndPoint: /v2/account/email/verification/send/otp: Authentication token has been used in header. E-mail address is sent in the request body. Transaction ID is returned in the response.

Request:

Name	Description
Accept-Language string (header)	<i>Default value: en-US</i>
X-Token * required string (header)	Auth Token
request * required (body)	request

Example Value | Model

```
{  
  "emailAddress": "user@xyz.com"  
}
```

Parameter content type

application/json

Response :

Transaction ID is returned.

Endpoint /v2/account/email/verification/verify/otp:

Transaction ID & encrypted OTP is passed in the requested body. An authentication token is used in the header. OTP should be in the encrypted form. Status is returned in the response body.

```

Accept-          Default value : en-US
Language
string
(header)

X-              Auth Token
Token * required
string
(header)

request * required request
(body)           Example Value | Model

{
  "encryptedOtp": "n8kr0P9p0Ngev81g0CoSWEcDb+7Aico0ijHcReUa3Lb08C8qDqSd2Lk19wua+LXGe1ahasn0y2L+oAsrLoZtHJF5qR0nuu1tKjKphFPQWkR1Y3RmJ2ygpwJzEhVL5ATFzzFVCTKjwG4DwRiL91r40s0y/dgzaA
u-1ttnAIccCKR/5tr70ENWR0GgfGEfIv0VhIkf72kdg4Ym0FT00eBxU4U80pxM10fSvK38RH45R5WLfh8x5vN6BCfM38RYuWg8pKnhgRp0RURVv4PvhEHTBVGAJ6deGp/8aKlTPCj9aHq8c8j1P1ZK
wh1DmRN09CdT9T1Hj705txd1s8DARMs9mLmHS/BS4FQ9eR04wNpfccpX06n12k89MqZ+yDvc1BAv/HZ37qPUgnkFbK1Com1ay248JtNrzPgrHtjJ6DkY+ZtHtS3LH00+pxXlmucJttc0m0n7s8wF5E818
s14R24Q1989yYCej3pGrIHFKBaCleCAMgkN4XIEf9/SIBH0VGJzaExFCEVFh1eS01CD0n8b0eP1CH1R702k7untdaG1fa/vuD2SeCmAJGx31WxLYf0tRkWIX4Yi6mZz8v23vvR+HTE6JPh3KUVrKvLE+E+
nfsYrLhxdIDXuQ069enHkdTPRG5r18pyWxlyuxD88W8Q0lx81S+nDvH1=",
  "txnid": "c3b0c27d-e19d-4244-b8bb-3fa19285054a"
}

```

Response :

Code	Description
200	API will return the true/false.

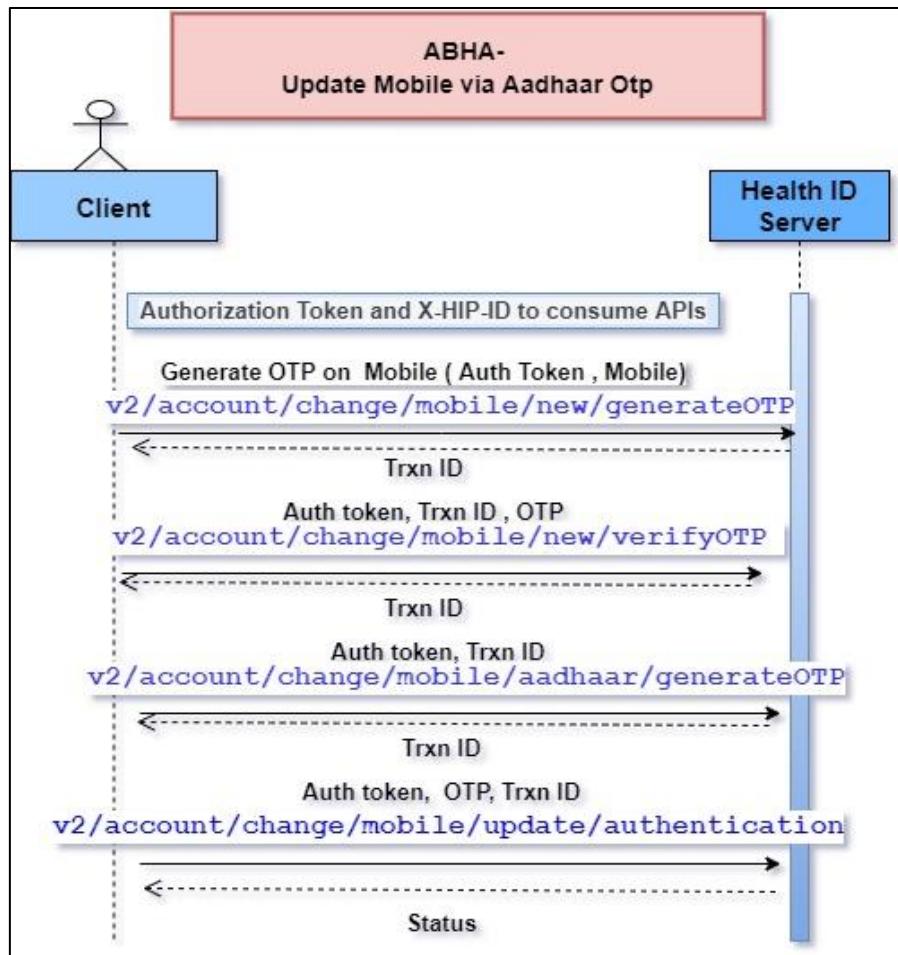
Example Value	Model
true	

b. Update Mobile

Update Mobile via Aadhaar Otp

To update the mobile using Aadhaar OTP , a client (Integrator) needs to first generate Mobile OTP and verify it. Again generate Aadhaar OTP and a transaction ID is returned. Auth token, OTP, old password along with transaction ID is passed in the requested body and client is returned with the status of changed mobile number.

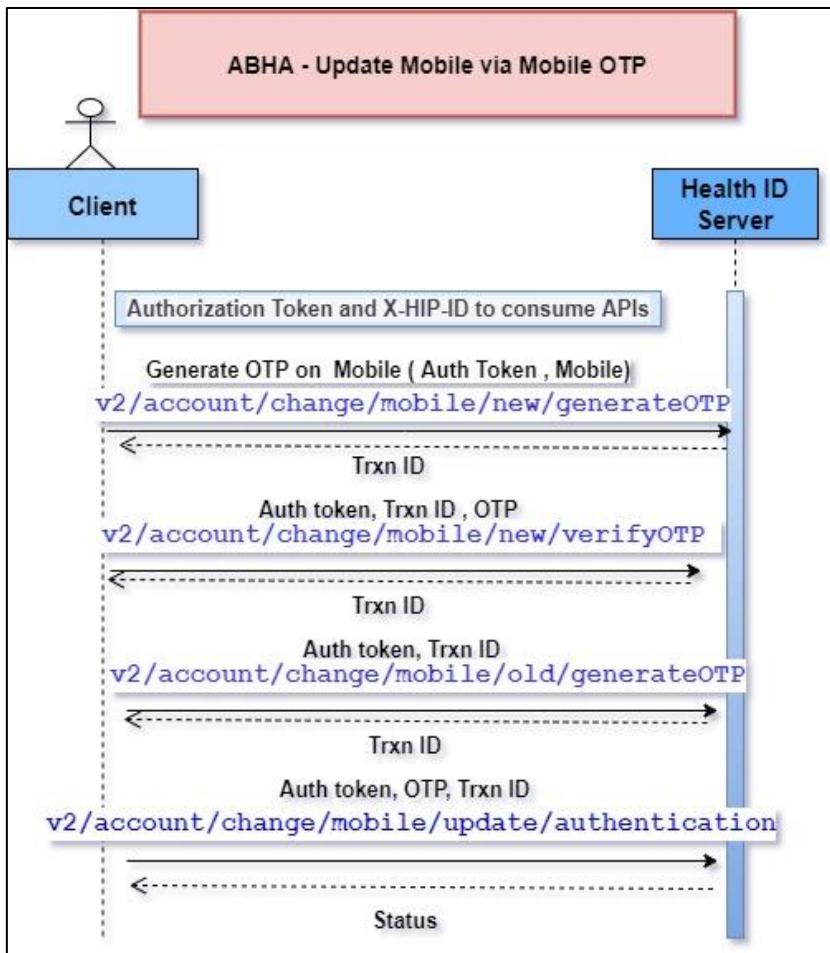
The sequence of APIs used via this method is shown in the diagram below.



Update Mobile via Mobile Otp :

To update the mobile using Mobile OTP , a client (Integrator) needs to first generate Mobile OTP on a new number and verify it. Again generate Aadhaar OTP on the old number and a transaction ID is returned. Auth token, OTP , along with transaction ID is passed in the requested body and the client is returned with the status of changed mobile number.

The sequence of APIs used via this method is shown in the diagram below.



6. Delete ABHA (Health ID)

Users may delete his/her ABHA (Health ID) permanently.

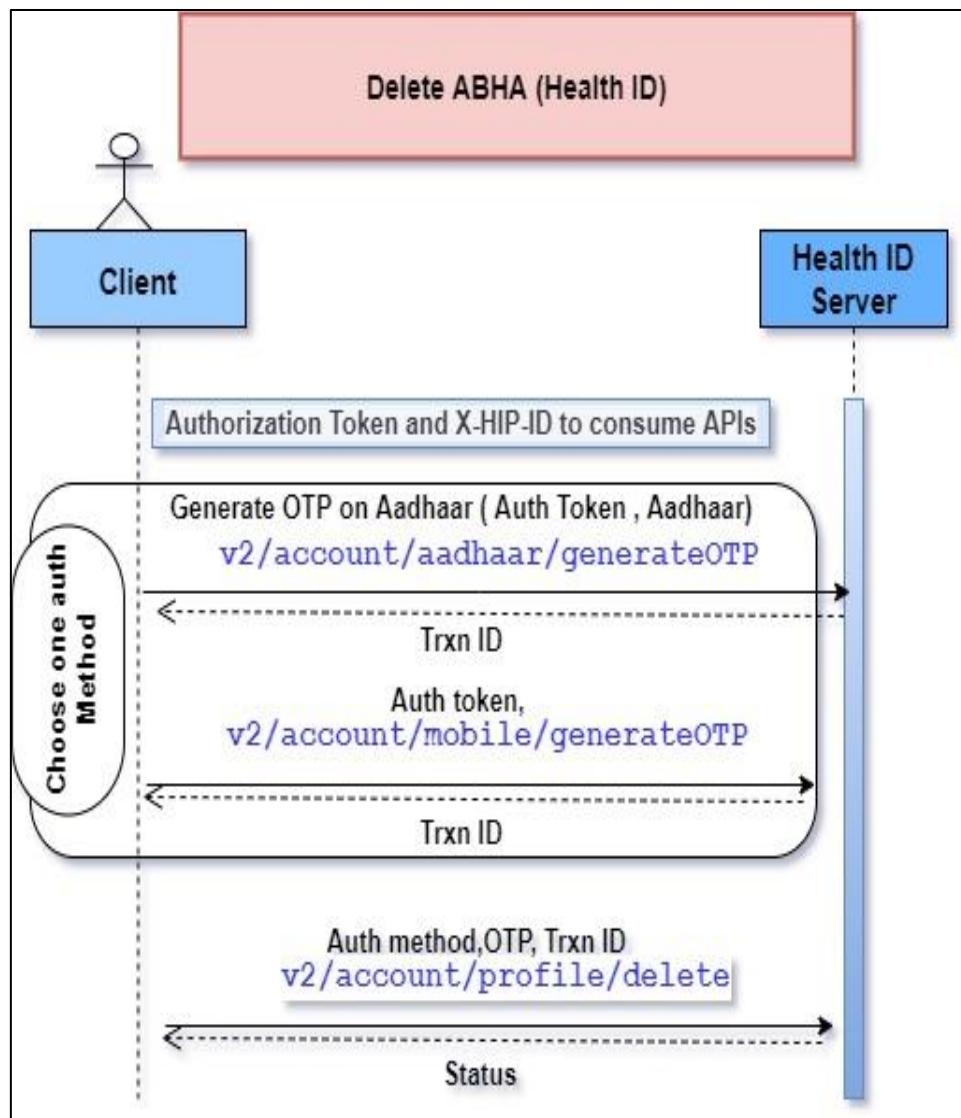
Following will happen if you delete your ABHA (Health ID) :

1. Your ABHA (Health ID) will be permanently deleted, along with all your demographic details .
2. You will not be able to retrieve any information tagged to your ABHA (Health ID) in future.
3. You will never be able to access ABDM applications or any health records over the ABDM network with your deleted ABHA (Health ID).

There are two option to delete your ABHA (Health ID) :

- Through Aadhaar OTP
- Through Mobile OTP

The sequence of APIs used via this method is shown in the diagram below.



7. Deactivate ABHA (Health ID)

Users may De-activate his/her ABHA (Health ID) .

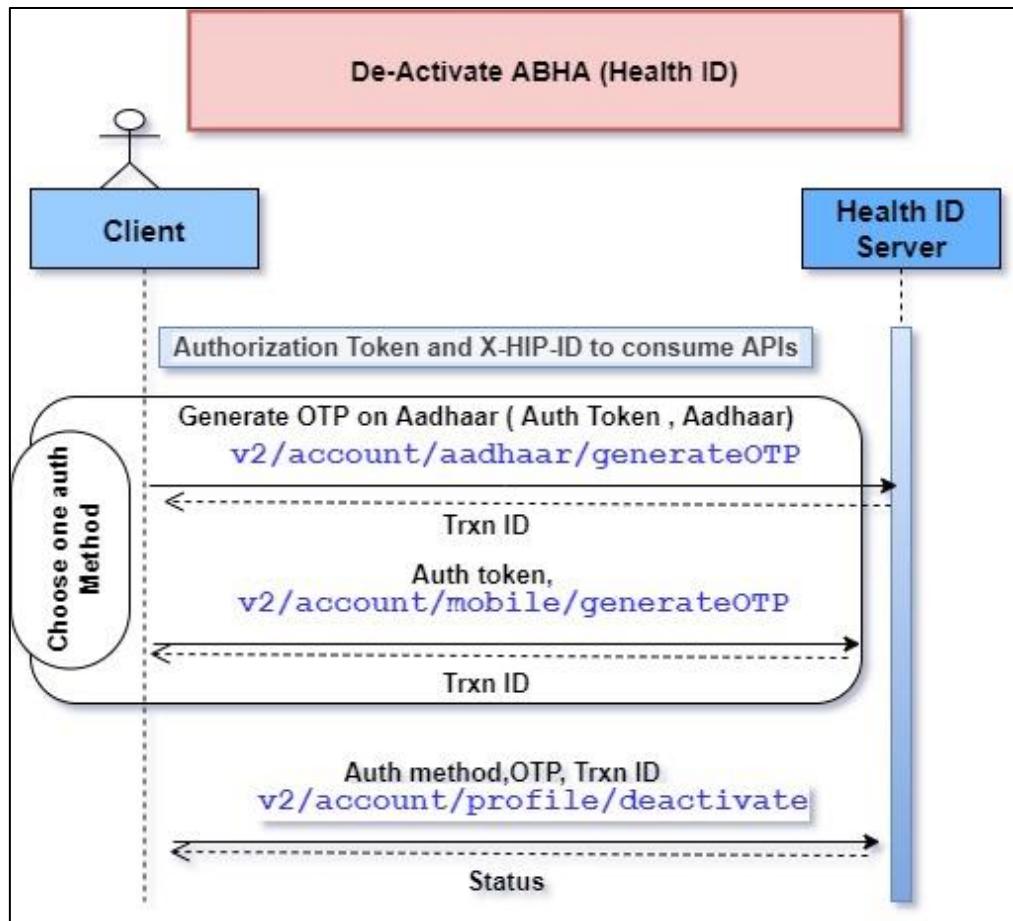
Following will happen (during the deactivation period) if you deactivate your ABHA (Health ID) :

1. You will lose access to all ABDM applications.
2. You will no longer be able to share your health records over the ABDM network.
3. You will no longer be able to share your ABHA (Health ID) at any health facility.

There are two option to deactivate your ABHA (Health ID) :

- Through Aadhaar OTP
- Through Mobile OTP

The sequence of APIs used via this method is shown in the diagram below.



8. Reactivate ABHA (Health ID)

Users may Reactivate his/her ABHA (Health ID) via Aadhaar OTP or Mobile OTP by using the below endpoints .

Endpoint: /v2/auth/reactivate/init

authRequest * required

(body)

authRequest

Example Value | Model

```
{
  "authMethod": "AADHAAR OTP",
  "healthid": "43-4221-5105-6749"
}
```

Responses

Code	Description
200	OK

Example Value | Model

```
{
  "mobileNumber": 9545812125,
  "txnid": "a825f76b-0696-40f3-864c-5a3a5b389a83"
}
```

Endpoint: /v2/auth/reactivate

reactivateByOTPWebRequest * required reactivateByOTPWebRequest

(body)

Example Value | Model

```
{
  "authMethod": "AADHAAR OTP",
  "otp": "SWPjPjLGPWuIgNPvctkuyejDpxhNLXKhn6rTBmN1eayDx1Eh99jJ99kwG2dsLr8ByxrmM3xctT09fT93CzsdhS9/mxzQpmkS5b009Dd2w7XJL9sC905YChnhok
  n4KeyVsrmFFDF/xCDfLYpHvhtEm014/3/Ghj+1O+gAHQfOtxk7AdhsS8WKGcAbCHj7uTfFsHtUtc-RtS+Setso4Tx8v+YLzj28/bfTmxDwAwY19pThjXkwmRnq43dVd5SOXa
  xIII6SXs0JzofVwSk7VxhulIRyZKqrkfcnMr_rnRgE8xZ62Lft6G031eHb9WAb/6/q08Hd17FKoSF6t59gSpaaJS8ftQIgFn/1HizQYosZdsuRG9v+bhHTIn=",
  "password": "String",
  "reactivationDate": "12/2/2021",
  "reasons": "Official requirement",
  "txnid": "a825f76b-0696-40f3-864c-5a3a5b389a83"
}
```

Responses

Code	Description
200	OK

Example Value | Model

```
[
  {
    "expiresIn": 1800,
    "refreshExpiresIn": 86400,
    "refreshToken": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXCVJ9.eyJzdWIiOiIxMjM0NTY3ODkwIiwibmFtZSI6IkpvaG4gRG9lIiwiZW5kZWJ1bWJ5IiwidWIjM5KDIyfQ.SfIKxwRJSMeKKF2QT4fwpHeJf36P0k6yJv_adQssw5c",
    "token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXCVJ9.eyJzdWIiOiIxMjM0NTY3ODkwIiwibmFtZSI6IkpvaG4gRG9lIiwiZW5kZWJ1bWJ5IiwidWIjM5KDIyfQ.SfIKxwRJSMeKKF2QT4fwpHeJf36P0k6yJv_adQssw5c"
  }
]
```

9. Annexure 1 : API Summary

The following table lists down all the rest APIs rolled out by the ABHA system for consumption by the integrators. The same APIs can be used to develop system specific user flows by the integrators.

Link : <https://sandbox.abdm.gov.in/docs/healthid>

Type of API	Sequence	API Endpoint	Description	Request	Response
Registration via Aadhaar	1	v1/registration/aadhaar/generateOtp	Generate Aadhaar OTP on Registered mobile number	Aadhaar	Trxn ID
	2	v1/registration/aadhaar/verifyOTP	Verify Aadhaar OTP received on Registered mobile number	OTP,Trxn ID	Trxn ID
	3	v1/registration/aadhaar/generateMobileOTP	Generate Mobile OTP for verification.	Mobile, Trxn ID	Trxn ID
	4	v1/registration/aadhaar/verifyMobileOTP	Verify Mobile OTP in an existing transaction.	OTP,Trxn ID	Trxn ID
	5	v1/registration/aadhaar/createHealthIdWithPreVerified	Create Health ID using pre-verified Aadhaar & Mobile.	Trxn ID , Demo	Health ID, Token
	6	v1/search/existsByHealthId	Check the Health ID in our system.This API checks if HealthID is reserved/used which includes permanently deleted HIDs.	Health ID	Status
Registration via Aadhaar biometric	1	/v1/registration/aadhaar/verifyBio	Verify aadhaar via biometric	Aadhaar, PID, Auth type	Trxn ID
	2	v1/registration/aadhaar/createHealthIdWithPreVerified	Create Health ID using pre-verified Aadhaar & Mobile.	Trxn ID	Health ID, Token
Registration via Mobile	1	v2/registration/mobile/generateOtp	Generate Mobile OTP to start registration transaction	Mobile	Trxn ID
	2	v2/registration/mobile/verifyOtp	Verify Mobile OTP sent as part of registration transaction.	OTP, Trxn ID	Token
	3	v2/registration/mobile/createHidViaMobile	Create Health ID with verified mobile token	Demo, Token	Health ID, token
	4	v2/registration/mobile/resendOtp	Resend Mobile OTP in an existing transaction in case previous OTP is not received.	Trxn ID	Status
Registration via Other documents	1	v2/document/generate/mobile/otp	Generate Mobile OTP	Mobile No	Mobile, Txn
	2	v2/document/verify/mobile/otp	Verify Mobile OTP	Otp, Txn ID	Token
	3	v2/document/validate	Match the provided demographic details against document and check for the already created HID or Enrollment number against the document	Document,Name, DOB, Gender	Verification Status,token
	4	v2/document	Create Health ID using ID documents like Driving Licence	Token	Health ID

Type of API	Sequence	API Endpoint	Description	Request	Response
Login Via Aadhaar/Mobile OTP	1	v1/auth/cert	Authentication token public certificate.	GET	Auth Token
	2	v1/search/searchByHealthId	Check the Health ID in our system. This API checks if HealthID is reserved/used which includes permanently deleted HIDs.	Health ID	Account detail
	3	v1/auth/init	Initiate authentication process for given Health ID	Auth Method, Health ID	Trxn ID
	4	v1/auth/confirmWithAadhaarOtp	Authentication with Aadhaar OTP based auth transaction	OTP, Trxn ID	Token
	6	v1/auth/confirmWithMobileOTP	Authentication with Mobile OTP based auth transaction.	OTP, Trxn ID	Token
Retrieve for forgotten ABHA	1	/v2/forgot/healthId/aadhaar/generateOtp	Api Accepts Aadhaar and then creates OTP for linked Mobile number	Aadhaar	Trxn ID
	2	/v2/forgot/healthId/aadhaar	Check the Health ID in our system.	Trxn ID, OTP	Health ID
	3	/v1/forgot/healthId/mobile/generateOtp	Api Accepts Mobile Number and then generates OTP for it	Mobile	Trxn
	4	/v1/forgot/healthId/mobile	Check the Health ID in our system.	OTP, Trxn ID, Demo	Health ID
User Profile					
Get User Profile	1	v1/account/profile	Get account information	Auth Token	Account detail
Get QR code	1	v1/account/qrCode	Get Quick Response code in PNG format for this account.	Auth Token	QR Code
Update Mobile via Aadhaar Otp	1	v2/account/change/mobile/new/generateOTP	Generate OTP on new mobile need to update existing account mobile number	Mobile	Trxn ID
	2	v2/account/change/mobile/new/verifyOTP	Verify Mobile OTP to complete new mobile update verification.	OTP, Trxn ID	Trxn ID
	3	v2/account/change/mobile/aadhaar/generateOTP	Generate Aadhaar OTP on Registered mobile number to start mobile update	Trxn ID	New Trxn ID
	4	v2/account/change/mobile/update/authentication	Change mobile number via password/aadhaar/existing mobile for Health ID.	OTP, Trxn ID	Status
Update Mobile via Mobile Otp	1	v2/account/change/mobile/new/generateOTP	Generate OTP on new mobile need to update existing account mobile number	Mobile	Trxn ID
	2	v2/account/change/mobile/new/verifyOTP	Verify Mobile OTP to complete new mobile update verification.	OTP, Trxn ID	Trxn ID
	3	v2/account/change/mobile/old/generateOTP	Generate Mobile OTP to start mobile update.	Trxn ID	New Trxn ID
	4	v2/account/change/mobile/update/authentication	Change mobile number via password/aadhaar/existing mobile for Health ID.	OTP, Trxn ID	Status
Update Email Via Aadhaar Otp/Mobile OTP	1	v2/account/email/verification/auth/initiate/send	Send the Email Verification Activation Link to verify the E-mail Address	Auth Token, Auth Method, Email	Trxn ID
	2	v2/account/email/verification/auth/verify	Verifiy the user initiate the Activation Link	Trxn ID, OTP, Auth Method	Status
Delete HID using Aadhaar/Mobile	1	v2/account/aadhaar/generateOTP	Generate Aadhaar OTP on Registered for link account with aadhar number	Aadhaar, Auth token	Trxn ID
	2	v2/account/profile/delete	Delete account	Auth Token, OTP, Trxn ID	Status
Delete HID using Mobile	1	v2/account/mobile/generateOTP	Generate Mobile OTP to start mobile txn.	Auth Token	Trxn ID
	2	v2/account/profile/delete	Delete account	Auth Token, OTP, Trxn ID	Status
Deactivate HID using Aadhaar	1	v2/account/aadhaar/generateOTP	Generate Aadhaar OTP on Registered for link account with aadhar number	Aadhaar, Auth token	Trxn ID
	2	v2/account/profile/deactivate	Deactivate the account using mobile or aadhaar otp.	Auth method, OTP, Trxn ID	Status
Deactivate HID using Mobile	1	v2/account/mobile/generateOTP	Generate Mobile OTP to start mobile txn.	Auth Token	Trxn ID
	2	v2/account/profile/deactivate	Deactivate the account using mobile or aadhaar otp.	Auth method, OTP, Trxn ID	Status

10. Annexure 2 : Error Codes and Description

Error Code	Description
HIS-500	An unexpected error has occurred. Please try again sometime.
HIS-422	Unable to process the current request due to incorrect data entered.
HIS-400	Request is invalid. Please enter the correct data.
HIS-401	User is not authorized.
HIS-1001	The data you are looking for is not available.
HIS-1002	The field value should not be empty.
HIS-1003	Invalid pattern found
HIS-1004	Invalid size
HIS-1004	Type mismatched. Please enter the correct type.
HIS-1005	Please try logging in with correct details.
HIS-1006	Authentication is not initiated with the provided authentication method.
HIS-1007	The user you are searching for is disabled.
HIS-1008	No user account can be found with the Health ID provided.
HIS-1009	Please try again sometime.
HIS-1010	Must contain an uppercase, a lowercase, a number, a special character and at least 8 or more characters. It should not contain any sequences (like 123).
HIS-1011	Please enter a valid Mobile Number.
HIS-1012	Please enter a valid UUID Number.

HIS-1013	The OTP that you have entered is incorrect. Please try again.
HIS-1014	The field only accepts alphabetical characters.
HIS-1015	A Health ID already exists with these details. Click here to login to your Health ID
HIS-1016	Requested Health ID is not available. Please use another Health ID
HIS-1018	Currently, Health IDs can be made only in Chandigarh, Ladakh, Dadra and Nagar Haveli and Daman and Diu, Puducherry, Andaman & Nicobar Islands and Lakshadweep.
HIS-1019	Health Facility ID not available.
HIS-1020	The given Health Facility ID is already registered with Health ID number #healthIdNumber.
HIS-1021	The password that you've entered is incorrect.
HIS-1022	Please verify captcha.
HIS-1023	Please wait for 30 seconds before sending another OTP request.
HIS-1024	Please enter a valid State.
HIS-1025	Please enter a valid District.
HIS-1026	Transaction not found for UUID.
HIS-1027	Benefit ID has not been integrated.
HIS-1028	Aadhaar Number is mandatory for KYC verification.
HIS-1029	The provided Health ID number #healthIdNumber is already registered with Aadhaar.
HIS-1030	Name entered by you does not match with your Aadhaar data.

HIS-1031	Password not set for #healthIdNumber. Please use another login method and change the password.
HIS-1032	No public programme found for the benefit name provided.
HIS-1033	The password that you have entered is incorrect. Please try again.
HIS-1034	Please enter your Date of Birth in dd-MM-YYYY Or YYYY format.
HIS-1035	Please enter a valid Health ID. It should contain 4 (min) to 32 (max) characters. For instance- xxxx.1523
HIS-1036	Transaction has expired for the Health ID provided.
HIS-1037	Please provide at least one of the fields in the request parameter.
HIS-1039	You have exceeded the maximum limit of failed attempts. Please try to login using other modes or try again in 12 hours.
HIS-1040	The selected file exceeds the maximum allowable size of 100kb. Only files with the following extensions are allowed: png, jpeg, jpg.
HIS-1041	You have reached the maximum verify attempts. Exit your browser and try again. You have reached the maximum verify attempts. Exit your browser and try again.
HIS-1042	Invalid Oidc Transition
HIS-1043	RedictUrl is not matched
HIS-1044	Access code has been expired
HIS-1045	Mobile number update failed.
HIS-1046	The provided mobile number same as the existing mobile number of the Health ID: #healthIdNumber. Please use another mobile number.

HIS-1047	Input OTP/PASSWORD must be encrypted form.
HIS-1048	Please enter valid token.
HIS-1049	Consent flag in your request body is not 'True'. Please collect consent from the user and try again.
HIS-1050	Please verify mobile number
HIS-1052	The mobile user provided by you is already linked to 10 other Health IDs. Please provide a different Mobile Number.
HIS-1053	Current password and new password are same. Please try with different new password.
HIS-1054	Please enter a valid document type.
HIS-1055	Current password and new password are same. Please try with different password.
HIS-1056	OTP has been expired. Please re-send.
HIS-1057	Enrollment number does not exist.
HIS-1058	Please enter the valid Gender code. Male - M, Female - F, Other - O.
HIS-1059	Please enter the valid data
HIS-1059	Existing Heath ID/PHR address can't update
HIS-1061	Phr address is required
HIS-601	Email address is invalid.
HIS-3005	Aadhaar number does not have mobile number.
HIS-2001	Invalid Aadhaar number entered. Please enter a valid Aadhaar number.

HIS-2002	Unauthorized ASA channel.
HIS-2003	Unspecified ASA channel.
HIS-2004	OTP store related technical error.
HIS-2005	Biometric lock related technical error.
HIS-2006	Unsupported option.
HIS-2007	Aadhaar suspended by competent authority.
HIS-2008	Aadhaar cancelled(Aadhaar is no in authenticable status).
HIS-2009	Aadhaar suspended(Aadhaar is not in authenticatable status).
HIS-2010	Unknown error.
HIS-2011	Ensure correct Information is entered.
HIS-2012	\u201CPa\u201D (address) attributes of demographic data did not match.
HIS-2013	Biometric data did not match.
HIS-2014	Duplicate fingers used.
HIS-2015	Duplicate Irises used.
HIS-2016	Aadhaar Number/Virtual ID is invalid.
HIS-2017	You have requested multiple OTPs in this transaction. Please try again in 30 minutes.
HIS-2018	Ensure correct Aadhaar Information is entered.

HIS-2019	BioType is invalid. Please use (FMR for 'Fingerprint Minutiae Record', FIR for 'Fingerprint Image Record', IIR for 'Iris Image Record', FID for 'Face Image Data').
HIS-2020	FMR and FIR cannot be used in same transaction.
HIS-2021	Biometrics locked by Aadhaar holder.
HIS-2022	Invalid OTP value.
HIS-2023	\u201Ctn\u201D value did not match with \u201Ctn\u201D value used in Request OTP API.
HIS-2024	Invalid encryption of session key.
HIS-2025	Invalid certificate identifier in \u201Cci\u201D attribute of \u201CSkey\u201D.
HIS-2026	Invalid encryption of PID.
HIS-2027	Invalid encryption of Hmac.
HIS-2028	Public devices are not allowed to be used.
HIS-2029	Device Certificate has expired.
HIS-2030	DP Master Certificate has expired.
HIS-2031	Request expired.
HIS-2032	Timestamp value is future time.
HIS-2033	Duplicate request.
HIS-2034	HMAC Validation failed.
HIS-2035	AUA license has expired.

HIS-2036	Invalid Input.
HIS-2037	Unsupported Language.
HIS-2038	Digital signature verification failed
HIS-2039	Invalid key info in digital signature.
HIS-2040	PIN requires reset.
HIS-2041	Invalid biometric position.
HIS-2042	FID usage not allowed as per license.
HIS-2043	Name space not allowed.
HIS-2044	Registered device not allowed as per license.
HIS-2045	Current password and new password are same. Please try with different password.
HIS-3001	Resident data currently not available.
HIS-3002	Invalid UID Token Used.
HIS-3003	Invalid VID used.
HIS-3004	VID used is expired.
HIS-3005	Aadhaar number does not have mobile number.
HIS-3006	The details you've entered against the document is not matching. Please enter the correct details.
HIS-3007	Health Id already exists with this document.

HIS-4000	The details provided by you do not match against your Driving Licence details. Please provide the correct details.
HIS-4001	The provided enrollment number is already verified.