

Integrator Guide

ABDM ABHA V3 APIs

Version 1.4

Version History:

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1.4	28-01-2025	Kushal Pandita	Priyanka Varude	Nitesh Jain	Find ABHA via Biometric, ABHA address Verification via Biometric

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ABHA APIs

Environment URLs {{base_url}}:

SBX: <https://abhasbx.abdm.gov.in/abha/api>

Prod: <https://abha.abdm.gov.in/api/abha>

Note: Base URLs for ABHA Address verification (applicable to section 12 of this document only):

SBX: <https://abhasbx.abdm.gov.in/abha/api/v3/phr/web>

PROD: <https://phr.abdm.gov.in/api/phr/web/v3>

1.0 Generate session token

This API generates Session token using client_id and client_secret.

V3 Session:

Sandbox Session URL <https://dev.abdm.gov.in/api/hiecm/gateway/v3/sessions>

Production Session URL <https://apis.abdm.gov.in/api/hiecm/gateway/v3/sessions>

Method: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{\${isoTimestamp}}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
X-CM-ID	{{X_CM_ID}}	Yes	This value depends on the environment where API is getting executed. Eg. SBX or PROD. For SBX- sbx and for PROD- abdm

Request Body:

Request Body

```
{
  "clientId": "{{ClientId}}",
  "clientSecret": "{{ClientSecret}}",
  "grantType": "client_credentials"
}
```

```
Response
Code: 200 OK

{
  "accessToken":
"eyJhbGciOiJIUzI1NiIsInR5cCIgOiAiSldUiiwia2lkiiA6ICJBbFJlNVdDbThUbTIFI9JZk85ejA2aW1MhSeZk_CeJGYyHh7NDgFzzfT39oQiUAYfO6buXi1KWX8xptkrQk1uitgNecqw8Lel5wufs2Z8dFawsYJtmVHPP_2rDqvUhSeTADGYBp-84tXkpslgp2tjkjsDOOkQsZtpJLaV_vHkkLi7QRncl2KG2IfHDS8yebcpqi-MMGYCdmyb42Po5xmQ9Lzw6lwGjzUsFxkbIQ22m3MaYqXYt4ZOPfxYcunr7ppMhNIdJVE55_CMuY-NfWrbaTk6iLA-yOPCQ-vyyu9l1pN2iwyJbtMotEtV065Uqek0oQ0py2Mw",
  "expiresIn": 1200,
  "refreshExpiresIn": 1800,
  "refreshToken":
"eyJhbGciOiJIUzI1NiIsInR5cCIgOiAiSldUiiwia2lkiiA6IClyMWU5NzA4OS00ZTcxLTQyNGEOTAzYS1jOTAyMTM1NmFINWYifQ.eyJleHAiOiJEjE3MTA0MDM1NjlsImhdCl6MTcxMDQwMTc2MiwiianRpIjoizTQONDgzYzctZDFmYy00ZDg5LTkyNzctOTUxYzIOMDNhYzUwliwiaXNzljoiHR0cHM6Ly9kZXRYubmRobS5nb3YuaW4vYXV0OAc9yZWFSbxMVy2VudHJhbnB1ZyZwdpc3RyeSlsmF1ZCI6Imh0dHBzOi8vZGV2Lm5kaG0uZ292LmluL2F1dGdvcmVhbG12L2NlbnRyYWwtcmVnaXN0cnkiLCJzdWIiOiIwNmJkNGZlNy04NjEyLTRiZmEtYTlNS1iMDdiZmFjZmU1M2QiLCJ0eXAiOiJSZWZyZXNoliwiYXpwIjoiGVhbHRoaWQyYXBpliwic2Vzc2lvbl9zdGF0ZSI6IjBlNDIjZDBjLWQ0OWQtNDAA0Yi1hZWY3LWRlZGY3NDRINTA1ZCIslNjB3BlIjoib3BlbmklIGVtYWIsIHByb2ZpbGUifQ.NAMWFGblqmGHaWa__9WnJPvglyZdCAE9AwxyUZ5UrM",
  "tokenType": "bearer"
}
```

Step 1 : To encrypt any data(Aadhaar/Mobile/OTP/Password etc) public key can be generated using below API

Request: GET

GET

https://abhasbx.abdm.gov.in/abha/api/v3/profile/public/certificate

Send

Params

Auth

Headers (10)

Body

Scripts

Settings

Cookies

none

This request does not have a body

Response

```

{
  "publicKey":
  "MIICljANBgqhkiG9w0BAQEFAAOCAg8AMIICGgKCAgEASTWB95C5pHLXiYW59qyO4Xb+59KYVm9Hywbo77qETZVAyc6VlsxU+UWhd/k/Yt
jZibCznB+HaXWX9TVTFs9Nwgv7LRGq5uLczpZQDrU7dnGkl/urRA8p0Jv/f8T0MZdFWQgks91uFffeBmJOb58u68ZRxSYGMPe4hb9XXKDVsg
oSJaRNYviH7RgAl2QhTCwLEiMqlaUX3p1SAc178ZIN8qHXSSGXvhDR1GKM+y2DlyJqlzfik7ID14mDY/I4lcbftib8cv7llkybtjX1AayfZp4XpmIXK
Wv8nRM488/jOAF81Bi13paKgpjQUUuwq9tb5Qd/DChytYgBTBTJFe7irDFCmTlCqPr8+IMB7tXA3YXp3z605Z6cGoYxezUm2Nz2o6oUmarD
UntDhq/PnkNergmSeSvS8gD9DHBuJkZWZweG3xOPXiKAUBr92mdFhJGm6fitO5jsBxgpmulxpG0oKDy9IAOLWSqK92JMcMNHn4wRikdl
9HSiXrrl7fLhJYTbyU3I4v5ESdEsayHXuiwO/1C8y56egzKSw44GAtEpbAKTNEEFK5H5R0QnVBIXOvfe4tzGvmkfOO6nNXU3o/WAdOyV3xSQ
9dqLY5MEL4sJCGY1jIBIAQ452s8v0ynJG5Yq+8hNhsCVnklCzAlsIzQpnSVDUVEzv17grVAw078CAwEAAQ==",
  "encryptionAlgorithm": "RSA/ECB/OAEPWithSHA-1AndMGF1Padding"
}

```

Step 2 : once public key is generated data can be encrypted using below third party API

“<https://www.devglan.com/online-tools/rsa-encrypt>”

Step 3: Select Cipher type as **RSA/ECB/OAEPWithSHA-1AndMGF1Padding**

3.0 ABHA Creation via Aadhaar

Create via Aadhaar OTP

Step 1: Login via Aadhaar OTP

This API accepts encrypted Aadhaar Number and then Generates OTP for Aadhaar linked mobile number.

V3 URL: {{base_url}}/v3/enrollment/request/otp

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction

TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body Parameters:

Property Name	Value	Mandatory	Description
txnId	Empty	No	Transaction Id is Mandatory to identify the unique transaction for ABHA enrolment. This chains all the steps to enrol in ABHA. Transaction Id will be returned after a successful OTP transaction.
Scope	abha-enrol	Yes	Defines the scope of the current action of the API, following are the values that can be used. ABHA_ENROL("abha-enrol"), DL_FLOW("dl-flow"), MOBILE_VERIFY("mobile-verify"), EMAIL_VERIFY("email-verify"),
loginHint	aadhaar	Yes	Type of login
loginId	Encrypted Aadhaar number	Yes	Actual value of login type. This needs to be RSA encrypted using a public key
otpSystem	aadhaar	Yes	OTP system to verify hiu/hip/phr login, following are the values that can be used. AADHAAR("aadhaar"), ABDM("abdm"),

V3 Request Body:

Request Body
<pre> { "txnId": "", "scope": ["abha-enrol"], "loginHint": "aadhaar", "loginId": "{{Aadhaar_encrypted_Output}}", "otpSystem": "aadhaar" } </pre>

V3 Response:

Response
Code: 200 OK
<pre>{ "txnId": "1234567890:20211216223812", "message": "OTP is sent to Aadhaar registered mobile ending xxx001" }</pre>

Step 2: Resend Aadhaar OTP

This API resends Aadhaar OTP

V3 URL: {{base_url}}/v3/enrollment/request/otp

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization	{{accesstoken}}	Yes	Token generated from session API

V3 Body Parameters:

Property Name	Value	Mandatory	Description
txnId	Empty	No	Transaction Id is Mandatory to identify the unique transaction for ABHA enrolment. This chains all the steps to enrol in ABHA. Transaction Id will be returned after a successful OTP transaction.
Scope	abha-enrol	Yes	Defines the scope of the current action of the API, following are the values that can be used. ABHA_ENROL("abha-enrol"), DL_FLOW("dl-flow"), MOBILE_VERIFY("mobile-verify"), EMAIL_VERIFY("email-verify"),

loginHint	aadhaar	Yes	Type of login
loginId	Encrypted Aadhaar number	Yes	Actual value of login type. This needs to be RSA encrypted using a public key
otpSystem	aadhaar	Yes	OTP system to verify hlu/hip/phr login, following are the values that can be used. AADHAAR("aadhaar"), ABDM("abdm"),

V3 Request Body:

Request Body
<pre>{ "scope": ["abha-enrol"], "loginHint": "aadhaar", "loginId": "{{AadhaarencryptedOutput}}", "otpSystem": "aadhaar" }</pre>

V3 Response:

Response
Code: 200 OK
<pre>{ "txnId": "0658241c-1ad1-4703-8fc2-512a5fb8754b", "message": "OTP sent to Aadhaar registered mobile number ending with *****5852" }</pre>

Step 3: Enrol ABHA

API accepts transaction ID (previous step response) and encrypted OTP along with a primary mobile number for ABHA.

V3 URL: [{{base_url}}/v3/enrollment/enrol/byAadhaar](#)

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction

TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body Parameters:

Property Name	Example Value	Mandatory	Description
authData	Empty	Yes	Transaction Id is Mandatory to identify the unique transaction for ABHA enrolment. This chains all the steps to enrol in ABHA. Transaction Id will be returned after a successful OTP transaction.
authMethods	Otp	Yes	Defines the authentication method used for enrolment, following are the values that can be used. OTP("otp"), PI("pi"),
timeStamp	Actual time, format : "YYYY-MM-DD HH:mm:ss"	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
txnId	Actual Transaction Id	Yes	Transaction Id received as a response to request/mobileOrEmailOTP API
otpValue	Encrypted OTP value	Yes	
Mobile	Primary Mobile number	Yes	If the user wants to use a mobile number which is other than the mobile number which is linked with the Aadhaar number
Consent	-	Yes	
Code	abha-enrollment	Yes	Consent code for creating AHBA number
Version	1.4	Yes	Consent version for creating ABHA number

Note: mobile parameter in the below request is referred to as the primary mobile number **V3 Request**

Body:

Request Body

```
{
  "authData": {
    "authMethods": [
      "otp"
    ],
    "otp": {
      "txnId": "{{lastResponseTxnId}}",
      "otpValue": "{{OTP_encryption}}",
      "mobile": "{{mobile_number}}"
    }
  },
  "consent": {
    "code": "abha-enrollment",
    "version": "1.4"
  }
}
```

V3 Response

a) If the primary mobile number matches with Aadhaar linked mobile number.

Response
Code: 200 OK

[illegible]

b) If the primary mobile number is different from Aadhaar linked mobile number.

Response
Code : 200 OK
<pre>{ "message": "Account created successfully", "txnid": "2ec82835-9314-4296-acc0-5d526371998d", "tokens": { "token": "eyJhbGciOiJIUzUxMiJ9.eyJpc0t5Y1ZlcmImaWVklp0cnVlCjZdWiiOiI5MS0xNjAxLTQ1NDgtMTM4MCIslmNsaWVudElkloiYWJ oYS1wcm9maWxlWfWcC1hcGkiLCJ2eXNOZW0iOiIiBQkhBLU4iLCJhY2NvdW50VHlwZSI6InN0YV5kYXJkIiwibW9iaWxlIjpudWxsLCJhYmhhTnV tYmVyljoiOTETMTYwMS00NTQ4LTEZODAiLCJwcmVmZXJyZWRYbmhhQWRkcmVzcyl6ljxMTYwMTQ1NDgxMzgwQHNieCIsInR5cCI6IiRyYW5z YWN0aW9uIiwiaXZlX2hwljoxNzE0ODUwNDY2LCJpYXQjOiE3MTU4NDg2NjYsInR4bklkloiMmVjODI4MzUtOTMxNC00Mjk2LWFjYzAtNWQ1MjYzN zE5OThkin0i.NXTXyZvRmGVTAeByvPW9rLFhYPASOveshK9fvMFY1X00u0LBjNQ5ZzS50lIOWBCOU6yW5wDCA9a03W59UUGEOjXs9QXQG0C5 eyVWQMSLsuYwxjhMXN0yNhQxFtMiXjZfGfXJEUcsHznT5f0UHZIND82dw- bljZpwFoY_y66tmxpHme7Z5kvGKmiheUKpQBcSw6pj6WzZuA2AVB0w15yLW3LAdsxMZqFTESaCxCIQSjc2HOCgduWQu4L9i5rJLEn8Rn4yx_DDj gtxAtP6Ggem5jy-82qQausJUyC30kvuExY5BFpvpvHxHarJoAtmkCRwnci_mJf4TLjI8ygfAncXmElZhhwV3TXfhC6glgnbg- YXN6668aOaOGCg8G5tIjjim65yEKJH4bgArhsYJ_0djLKK_UqFjXRPY6CoJ6S_qgNBuVtA1Mw9LOc2Tfj3_P_gKxoBrPz5AA_aYOIQYsnB5TISI4dzN2HaTrV geosYDhphVXNPnHoe_XvoBwqhZ_A-oOpY-j9j2qeRRXOdWiRgl47juFDPO_ze_iBBcGyXzQqdfdmf35Hk3JXbe1_Y3Qs12PG8dXB9vgh- h3fLkxH_swTMR13JJYWNcU9CAFXbcirTEDTWngdh2JZNDOb0z7_Q68_L8rxGM49kZCQcaVWr5jPlPsGvJ7Ban3Ur8kk", "expiresIn": 1800. } }</pre>

"refreshToken": "eyJhbGciOiJSUzUxMiJ9.eyJzdWIiOiI5MS0xNjAxLTQ1NDgtMTM4MCIslmNsaWVudElkIjoieWJoYS1wcm9maWxlLWFwcC1hcGkiLCJzeXN0ZW0iOiJBQkhBLU4iLCJ0eXAiOiJZSWZyZXNoliwiZXhwIjoxNzE3MTQ0NjY2LCJpYXQiOiE3MTU4NDg2NjZ9.feDbP3ZZ5rjyVHVNTjt2MkecmaRMoorscip-812w899srCCKvdqawh2dwyDsJLOJS6O7tw1g5Bu7qQJdr3GxfQDFzGV3rejfVDNyUq8ZRzyUrrWR3x3P54JbZ51msY0W166arm0SSypaKKitaXsc

[illegible]


```
"email": null,  
"phrAddress": [
```

```

    "91160145481380@sbx"
  ],
  "address": "165/2 Plot no-25 Mangalai Colony Shahunagar, Godoli, Satara, Maharashtra",
  "stateCode": "27",
  "pinCode": "415001",
  "abhaType": "STANDARD",
  "stateName": "MAHARASHTRA",
  "districtName": "SATARA",
  "ABHANumber": "91-1601-4548-XXXX",
  "abhaStatus": "ACTIVE"
},
"isNew": true
}

```

Note: If the primary mobile number matches with Aadhaar linked mobile number then mobile is saved in DB and if the primary mobile number is different from Aadhaar linked mobile number then mobile is not saved and its value is null.

Step 4: ABHA Mobile Verification

a. Send OTP

This API generates OTP for mobile verification (Mobile number not linked with Aadhaar).

V3 URL: {{base_url}}/v3/enrollment/request/otp

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accessToken}}	Yes	Token generated from session api

V3 Body Parameters:

Property Name	Value	Mandatory	Description
txnId	Actual Transaction Id	Yes	Transaction Id received as a response to /enrollment/enrol/byAadhaarAPI

Scope	abha- enrol mobile- verify	Yes	Defines the scope of the current action of the API, following are the values that can be used. ABHA_ENROL("abha-enrol"), DL_FLOW("dl-flow"), MOBILE_VERIFY("mobile-verify"), EMAIL_VERIFY("email-verify"),
loginHint	mobile	Yes	
loginId	Encrypted Mobile number	Yes	
otpSystem	abdm	Yes	OTP system to verify hiu/hip/phr login, following are the values that can be used. AADHAAR("aadhaar"), ABDM("abdm"),

V3 Request Body:

Request Body
<pre>{ "txnId": "{{txnId}}", "scope": ["abha-enrol", "mobile-verify"], "loginHint": "mobile", "loginId": "oEIWeeEnSg4tzWQQ8iPedMACyd/+6pfmdPsnwADBwaj26wWM0emiAHZRVMV0lr8W21oa6ai22CxY2XatoT8DhWnQEIU/ g86QaPsqlr/ksMaSBsKSe0TIPwPasB1RwCmfstelj+Zg0yNplvD/sYqyBFvSLHka7FSqk4/Djp4PK3PCji6He8y3mZXy7rNYBBbo7 9VsZQkgpoiQCzaynZzzW2iEwEmpGmZ0yJz0L9ynjQH/sVvzpljPz5BUIcnn5Qw5nrPlzR764VcBP15MGjdFleNrDn/m1WGaYlQg 7c+AGelcI/3XRjoJvQr722xB0aicJa631Qy3CIQyoX4hJgMv1vgLfdRHB4AsvnbobfZmHngnCuYnBah44tclSZTOyET3nqP6Y/zPHh mPh4CoMu0DAli3dBKKj96SHWVd44JostStCq6hUDKDrNuzNPzdeQPGFcu+B24LuvfKglQR4DGyhwCH6Jr17Atvk/vAi7fxCPpX PLxPoXj9JRJmsp3Gfe3MjtSddpZbGNG24ds47ijhcyusdchwuXzRq6nW/ij4k09qj8WQO1KG7a4b7SLx7OCPoQqiZQFzV+wGf FrNbqZtZ1toAKGKNu7HS5iY5RACYwUffhZvbpu/hUNblsda+zxKzJ3O3zOAJYMie4SBD0W+ZaNem8hQao3brsE5WqxqeyHGxE iDPpA=", "otpSystem": "abdm" }</pre>

V3 Response:

Response
<pre>{ "txnId": "3ec0e997-fd1b-47cd-b0f5-60199d334e73", "message": "OTP sent to mobile number ending with *****3372" }</pre>

b. Verify OTP

This API verifies via Mobile OTP.

V3 URL: {{base_url}}/v3/enrollment/auth/byAbdm **V3 Request:** POST **V3**

Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the endto-end request transaction
TIMESTAMP	{{IsoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accesstoken}}	Yes	Token generated from session api

V3 Body Parameters:

Property Name	Example Value	Mandatory	Description
authData	Empty	Yes	Transaction Id is Mandatory to identify the unique transaction for ABHA enrolment. This chains all the steps to enrol in ABHA. Transaction Id will be returned after a successful OTP transaction.
authMethods	Otp	Yes	Defines the authentication method used for enrolment, following are the values that can be used. OTP("otp"), PI("pi"),
timeStamp	Actual time, format : "YYYY-MM-DD HH:mm:ss"	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
txnId	Actual Transaction Id	Yes	Transaction Id received as a response to request/mobileOrEmailOTP API
otpValue	Encrypted OTP value	Yes	

V3 Request Body:

Request Body

```

{
  "scope": [
    "abha-enrol",
    "mobile-verify"
  ],
  "authData": {
    "authMethods": [
      "otp"
    ],
    "otp": {
      "timeStamp": "{{current_timestamp}}",
      "txnId": "{{txnId}}",
      "otpValue":
        "WyJtOAFEE5shyS5gizaNxl3rGNahQe6cO8Ada+gFBKm0PjWLeVpElh1hsd8GzP2GlvYB6flEstF1aUjqYi9B275EWdpqqTchVn13
        X0zI94SBnEFR6VcdJ35OQaey1JAdldcVAvaAQbbb7M2ih+mLuQ3Y3UsHynt4cUcH5L76Wilk4s2zfB9GZ7PpRPWFJWGJat9LdAs
        wX1H41Ce7PP3Fqp/hs3yhZkEYF25VeESBZYQnuCNTdoy+S+D+dPcYBJKB7Ehwe+o+18F7tcS+Cqj20LQRHGnLWE39A1nXNxc
        kEVdUcoZJA8+otLNFvjINrSS0YHu0uud2UxsCkj1HfM6SLkQzu4QEdllkKB10AtpGFaAbAk4NiKyAJSQsneLRsV66fDE7D7RZjJVlrs
        awxJeqfrTr4xryR+NCEl+90o74T2Im3K/IFxYuMLnUza66pIM0/9NRkk772p9142/F43pY/ntWle8UoZGODUNQySRJuhOhK8JW
        ExZxdocwgwJI7fo9d3SFQ3gIHfsDswtkyDxWLikrVSWvAnaqoBCKa+WlrXx+Ey76ZtPxGjURZ0OtIdMUfhK31X6SzfWlkzOIQUm
        3cAaLeJaLYd0hg+QewbDP6k1nWzZiAap2jpkfUnLunJVRfeSyzRE6tEgvdqT/jUI62S3ApJUrLQQgFAPp3VjUU84="
    }
  }
}

```

V3 Response:

Response
<pre> { "txnId": "366c8f41-4ef8-49ee-b73a-2e3e44613086", "authResult": "success", "message": "OTP verified successfully" } </pre>

Step 5: Email Verification

V3 URL: {{base_url}}/v3/profile/account/request/emailVerificationLink

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction

TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
X-token	Bearer X-token	Yes	X-token of user, user can get X-token after login to the system
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body parameters:

Property Name	Value	Mandatory	Description
Scope	abha-profile emaillinkverify	Yes	Defines the scope of the current action of the API, following are the values that can be used. abha-profile email-linkverify
loginHint	email	Yes	Type of login
loginId	Encrypted email idr	Yes	Actual value of login type. This needs to be RSA encrypted using a public key
otpSystem	abdm	Yes	Otp system to verify hiu/hip/phr login, following are the values that can be used. AADHAAR("aadhaar"), ABDM("abdm"),

V3 Request Body:

Request Body
<pre>{ "scope": ["abha-profile", "email-link-verify"], "loginHint": "email", "loginId": "pb2Rf4GQ3zq5rlxXWgpn8Td9HMH0sJlb/SbN+6CHpylD422FxcJPHgo9Zyc3SESSetu60JFga4729tdi4BPU0mW053M6d2kC3E W8cd917VNP0hett79+S80JG6VdWYsb3pzF3G7GoGaCEqcmr6pt5ZX2NNkN9YT5f9QXqSUkrNA9/RJVUzUy+KuXo0MbV35 nOU6IO5Bs8Bly+Ggs96kogiTf8iajlxheo002nVU1Ln6Q9rjgLF11ibyEJ5/wvOp8FvSA3Ed8+CodQpkWeiJbRFokZCMHx9ONII08 Zbr0brbCGQsZkfQOjRZswgS8vV3lJded1Vx7qY3bqb/QWZSYLWgXN61TFU4EZ/vq1jix0YasluuxjijWUzTV43qDL/AJPKLnsOhGis 1G+quo7WKzTCAAekjEEApZNrZL5RYcn3gykXfbNJaSu82tHO4Bke9uXc6ON91QcAhNHeOJFc3zPvftCQu59YYunuiaM3YmX MCEvtaOYyaO1mLd+OEDCrWTeEyPZCkRf32W0TXjhoTN7UcC+t94hWWv2dAahbVzpMiS+NXVoAMj66/l/7wbUqsem/aK+3j /tveftXJTyREg7/wjHwBrjUdt8hMFsbinsYs+S7Bpus65Oafqrost5MDdxlu+0g8C3ce0EUDF76sklA1S885gN3KMsqk5cC9hY=", "otpSystem": "abdm" }</pre>

V3 Response:

Response
Code: 200
No Response

Step 6: ABHA Suggestions and ABHA Address creation**a) Get ABHA Address Suggestion**

This API returns ABHA address suggestion.

V3 URL: {{base_url}}/v3/enrollment/enrol/suggestion

V3 Request: GET

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
Transaction_Id	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Transaction Id is Mandatory to identify the unique transaction for ABHA enrollment. This chains all the steps to enroll in ABHA.
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the endtoend request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization	{{accesstoken}}	Yes	Token generated from session API

V3 Body parameters: NA

V3 Request body: NA

V3 Response:

Response
Code: 200 OK
<pre>{ "txnId": "daa3ec62-60b2-4d06-8dc0-16e38c38d102", "abhaAddressList": ["anchalsing1", "anchal1995", "anchal.singh", "anchal299", "singh299"] }</pre>

b) Create Custom ABHA Address.

API is used to create Custom ABHA Address against that transaction ID.

V3 URL: {{base_url}}/v3/enrollment/enrol/abha-address

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization	{{accesstoken}}	Yes	Token generated from session API

V3 Body parameters:

Property Name	Value	Mandatory	Description
txnId	txnId	Yes	Transaction Id is Mandatory to identify the unique transaction for ABHA enrollment. This chains all the steps to enroll in ABHA. Transaction Id will be returned after successful ABHA Address creation

abhaAddress	String	Yes	Custom ABHA Address that the user wants to create
Preferred	Number	Yes	The accepted value is "1" which is used for setting the ABHA Address as the Preferred one.

V3 Request Body:

Request Body
<pre>{ "txnId": "e4a7ebfa-18c5-481f-acd2-a6dc1165ae46", "abhaAddress": "gaurav_22101991", "preferred": 1 } </pre>

V3 Response:

Response
Code: 200 OK
<pre>{ "txnId": "e4a7ebfa-18c5-481f-acd2-a6dc1165ae46", "healthIdNumber": "91-6285-4575-XXXX", "preferredAbhaAddress": "gaurav_22101991" }</pre>

4.0 ABHA Creation via Driving License

Step 1: Generate OTP

This is an API that will be invoked to send OTP to a given encrypted mobile number and create transaction id.

V3 URL: {{base_url}}/v3/enrollment/request/otp

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{IsoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds

Authorization Token	{{accesstoken}}	Yes	Token generated from session api
---------------------	-----------------	-----	----------------------------------

V3 Body Parameters:

Property Name	Example Value	Mandatory	Description
scope	abha-enrol mobileverify dl-flow	Yes	Defines the scope of the current action of the API
loginHint	"mobile"	Yes	Type of login
loginId	Encrypted mobile number	Yes	Actual value of login type. This needs to be RSA encrypted using a Public key
otpSystem	"abdm"	Yes	OTP system to verify hiu/hip/phr login

V3 Request Body:

Request body
<pre>{ "scope": ["abha-enrol", "mobile-verify", "dl-flow"], "loginHint": "mobile", "loginId": "{{Mobile_Encryption}}", "otpSystem": "abdm" }</pre>

V3 Response:

Response
Code: 200 OK
<pre>{ "txnId": "34935c59-f57e-4304-a318-3aa0b146c426", "message": "OTP is sent to Aadhaar registered mobile ending *****3603" }</pre>

Step 2: Verify Mobile OTP

This API will verify mobile OTP and update details in the transaction table.

V3 URL: {{base_url}}/v3/enrollment/auth/byAbdm

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end- to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body Parameters:

Property Name	Example Value	Mandatory	Description
scope	abha-enrol mobileverify dl-flow	Yes	Defines the scope of the current action of the API
authMethods	"otp"	Yes	Defines the authentication method used for enrolment, following are the values that can be used OTP("otp"), PI("pi"),
timeStamp	Actual time, format : "YYYY-MM-DD HH:mm:ss"	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
txnId	"3585baee-eab3-4651-b2cb215ee4f4d181"	Yes	Transaction Id is Mandatory to identify the unique transaction for ABHA enrollment. This chains all the steps to enroll ABHA. Transaction Id will be returned after a successful OTP transaction.
otpValue	Encrypted OTP value	Yes	

V3 Request Body:

Request Body

```
{
  "scope": [
    "abha-enrol",
    "mobile-verify",
    "dl-flow"
  ],
  "authData": {
    "authMethods": [
      "otp"
    ],
    "otp": {
      "timeStamp": "{{timestamp}}",
      "txnId": "{{lastResponseTxnId}}",
      "otpValue": "{{OTP_encryption}}"
    }
  }
}
```

V3 Response:

Response
Code: 200 OK

```
{
  "txnId": "649ce755-810e-4f05-a9e6-022741acc42d",
  "authResult": "success",
  "message": "OTP verified successfully." }
```

Step 3: Verify DL documents

This is an API to validate the driving license document with NEPIX and create a new account and generate an enrolment number.

V3 URL: {{base_url}}/v3/enrollment/enrol/byDocument

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body Parameters:

Property Name	Example Value	Mandatory	Description
txnId	"3585baee-eab3-4651-b2cb215ee4f4d181"	Yes	Transaction Id is Mandatory to identify the unique transaction for ABHA enrollment. This chains all the steps to enroll in ABHA. Transaction Id will be returned after a successful OTP transaction.
documentType	"DRIVING_LICENCE"	Yes	
documentId	MH1320140019054	Yes	Driving license number
frontSidePhoto	BASE 64 ENCODED JPEG	Yes	
backSidePhoto	BASE 64 ENCODED JPEG	Yes	
Dob	Yyyy-mm-dd	Yes	Date of Birth
Consent	{ "code": "abhaenrollment", "version": "1.4" } }	Yes	Consent code and consent version

V3 Request Body:

Request Body
<pre>{ "txnId": "{{lastResponseTxnId}}", "documentType": "DRIVING_LICENCE", "documentId": "MH1320140019054", "firstName": "anand", "middleName": "vyankatesh", "lastName": "sunchu", "dob": "1996-07-15", "gender": "M", "frontSidePhoto": "{{BASE 64 ENCODED JPEG}}", "backSidePhoto": "{{BASE 64 ENCODED JPEG}}", "address": "russia", "state": "maharashtra", "district": "pune", "pinCode": "413005", "consent": { "code": "abha-enrollment", "version": "1.4" } }</pre>

V3 Response:

Response
Code: 200 OK
<pre>{ "EnrolProfile": { "enrolmentNumber": "91-6087-5423-XXXX", "enrolmentState": "VERIFIED", "firstName": "anand", "middleName": "V", "lastName": "sunchu", "dob": "1996-7-15", "gender": "M", "mobile": "*****3603", "email": null, "address": "india", "districtCode": "490", "district": "PUNE", "stateCode": "27", "state": "MAHARASHTRA", "abhaType": STANDARD, "pinCode": 411017, "abhaStatus": "ACTIVE", "phrAddress": [91608754231330@abdm] } }</pre>

5.0 ABHA Creation via Demo Auth

This API is used to create ABHA using Demo Auth.

V3 URL: {{base_url}}/v3/enrollment/enrol/byAadhaar

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end- to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
BENEFIT-NAME	benefit name	Yes	Benefit name of client
Authorization Token	{{accesstoken}}	Yes	Token generated from session api

V3 Body parameters:

Property Name	Value	Mandatory	Description
authMethods	Demo_auth	Yes	Account creation method, currently it is demo
aadhaar	Encryoted aadhaar number	Yes	User Aadhaar number encrypted by RSA
address		No	User personal details. It's optional field.
Mobile		No	User personal details. It's optional field.
dateOfBirth		Yes	User personal details
districtCode		Yes	User personal details
Name		Yes	User personal details
Gender		Yes	User personal details
stateCode		Yes	User personal details
pinCode		No	User personal details
Validity		No	User personal details
profilePhoto		No	User personal details

V3 Request Body:

Request Body
<pre> { "authData": { "authMethods": ["demo_auth"], "demo_auth": { "aadhaarNumber": "cRmMrv8dA/an19TRnKxUYuzNlx+xSezheT83aQ/U1lFilzPI+h5U+/SG2uhnIWl7hro6l7LnImqAiP5gd+buQ5aa8LeC/tnhlyIESMxtltoQOlyUmr wOgDFQAo7BLqGyWsXJayWn0sa2yhmzxzrdlpGdaQhDMBW+Z5DFZC4ZWWoBqoEeAt69eLH+9qGA9UEmJRbDD2vI7crHmkhSZjFnn/BcaKv 86DCHkLwmJlAgzODJknBlWglMdlkXhGhjRSNeSaVKFgpxzxxzx4xjX2jmQnaW5FtUOjV2THjfgW6ptV0yGpe+ljiUevzLcJo7skNpTjPCLtGlhXZqF PLweDLHzbOumidhOxtrd5kt0mHQXhdR2jPcvw2J+Y/27dLUH05q5xzbifSZm5pvGxB9bxs0M8nVmfc6kPvHSHg3wSbXVMTkRffq/wfV5sa86x 0bsu+ewocCgq5OpMPsEJFUEGdjLWAEvaBgKpMX/pc3XJrrfaD/yGB58QjReoYkucemDCY+vJ0SlmisxvzNZtC+jhj2iVFuG5yRDewC7WR9sYsbLq 2KUufGZ43M15CSNzmIkOAsBv/UlpcYkMeTIWe5lhRq8/Sd8oiW8x4+uyehDDwPR/F3RZJtnD1U5LbnMQHeKqDmEh6eX43KJXCBS1RCCBOao 0ifNfv1CVb2V+ZtQNqBb8TTPyJzQg=", "districtCode": "490", "stateCode": "27", "dateOfBirth": "23-1-1989", "gender": "M", "name": "Yashraj Chonde", "mobile": "{{mobile_number}}", //Optional Field "pinCode": "234562" //Optional Field } }, "consent": { "code": "abha-enrollment", "version": "1.4" } }</pre>

V3 Response:

Response
Code: 200 OK
<pre>{ "photo": "/9j/4AAQSkZJRgABAgAAYaAF0vqVVjebUF3OVuJvs1ykkk4Ujsamph3BWlucU8RGtU5oLQ74ONuKjkc=", "gender": "M", "name": "Sushant Kumar Jha", "email": null, "phone": null, "pincode": "847121", "birthdate": "20-11-1997", "careOf": "Avinash Kumar", "house": null, "street": null, "landmark": null, "locality": "dulha", "villageTownCity": "Khairi Banka", "subDist": "Bisfi", "district": "Madhubani", "state": "Bihar", "postOffice": "Keoti Ranway", "aadhaar": null, "txnId": "4ebe8020-17a8-4c35-b39e-201bdb01d417", "healthIdNumber": "91-3111-6864-XXXX", "jwtResponse": { "token": "eNSjzkMI", "expiresIn": 1800, "refreshToken": "eqKGvH-Yfzr0dAVys_MMaQpwrZ1mPoxWrMNGqonL-iKG2yyv22xHC_7iDbVer7htQWtk", "refreshExpiresIn": 1296000 }, "new": true }</pre>

6.0 ABHA Creation via Biometrics

6.2.1 Create ABHA via FingerPrint

Note : List of UIDAI-approved biometric devices

- <https://uidai.gov.in/en/ecosystem/authentication-devices-documents/biometric><https://ind01.safelinks.protection.outlook.com/?url=https://uidai.gov.in/en/ecosystem/authentication-devices-documents/biometric-devices.html&data=05|02|Kushal.Pandita@ltimindtree.com|022d6e5cc5ca4c50ddc708dd93aaf31c|ff355289721e4dd7a663afec62ab9d54|0|0|638829084605444457|Unknown|TWfPbGZsb3d8eyJFbXB0eU1hcGkiOnRydWUslYiOilwLjAuMDAwMCIslAIiOjXaW4zMlslkFOljoitWFpbiClldUljoyfQ==|0||&sdata=l/nQjqzQwmHiwJj++2ueol9Tlnbz1iunxdtkXwPjPLQ=&reserved=0>[devices.html](https://uidai.gov.in/en/ecosystem/authentication-devices-documents/biometric-devices.html). (Kindly note that the list is updated by UIDAI periodically.)

This API creates an ABHA account using FingerPrint.

V3 URL: {{base_url}}/v3/enrollment/enrol/byAadhaar

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body Parameters:

Property Name	Example Value	Mandatory	Description
authData	Empty	Yes	Transaction Id is Mandatory to identify the unique transaction for ABHA enrolment. This chains all the steps to enrol in ABHA. Transaction Id will be returned after a successful OTP transaction.
authMethods	bio	Yes	Defines the authentication method used for enrolment, following are the values that can be used. BIO("bio"),
txnId	Actual Transaction Id	Yes	Transaction Id received as a response to request/mobile Or Email OTP API
fingerPrintAuthPid	Encrypted fingerPrintAuthPid value	Yes	PID value is base 64 encoded which is generated by fingerprint scanner device.
Mobile	Primary Mobile number	Yes	If the user wants to use a mobile number which is other than the mobile number which is linked with the Aadhaar number
Consent	-	Yes	
Code	abha-enrollment	Yes	Consent code for creating ABHA number
Version	1.4	Yes	Consent version for creating ABHA number

Note: mobile parameter in the below request is referred to as the primary mobile number

V3 Request Body:

Request Body

```
{
  "authData": {
    "authMethods": [
      "bio"
    ],
    "bio": {
      "aadhaar": "{{Encrypted Aadhaar Number}}",
      "fingerPrintAuthPid": "<PID>",
      "mobile": "{{mobile_number}}"
    }
  },
  "consent": {
    "code": "abha-enrollment",
    "version": "1.4"
  }
}
```

Note: Checkpoints to generate fingerprintAuthPid:- Ir = 'Y'; (This Attribute should be passed as 'Y' otherwise it will give K-547 error) ra = deviceType; rc = 'Y'; de = 'N'; pfr = 'N'; text = '2.5' + ra + rc + Ir + de + pfr; wadh = Base64.stringify(sha256(text)) or convert to SHA-256 and then to base64.

V3 Response:

a) If the primary mobile number matches with Aadhaar linked mobile number.

Response
Code: 200 OK
<pre>{ "message": "Account created successfully", "txnId": "2ec82835-9314-4296-acc0-5d526371998d", "tokens": { "token": "eyJhbGciOiJIUzUxMiJ9.eyJpc0t5Y1ZlcmlmaWVkljp0cnVILCJzdWliOiI5MS0xNjAxLTQ1NDgtMTM4MCIsmNsaWVudElkljoiYWJlYXN1cm9maWxlWFwC1hcGkiLCJzeXN0ZW0iOiJBQkhBLU4iLCJhY2NvdW50VHlwZSI6InN0YW5kYXJkIiwibW9iaWxlIjpudWxsLCJhYmhhTnVtYmVyljoiOTEtMTYwMS00NTQ4LTEzODAiLCJwcmVmZXJyZWRYbW91bWVudCJzZDZlbnR5YW5zYWNoaW9uIiwiaWF0IjoxNjE0ODUwNDY2LCJpYXQiOiE3MTU4NDg2NjYsInR4bklkIjoiMmVjODI4MzUtOTMxNC00Mjk2LWVjYzAtNWQ1MjYzNzE5OThkn0.NXTXYzvRmGVTAeByvPW9rLFhYPASOveshK9fvMFY1X00u0LBJNQ5ZzSS0lOwBCOU6yW5wDCA9a03W59UUGEOjXs9QXQG0CSeyWVQSMLsuYwxjhMXN0yNhQxFTMiXjZFfGiXJEUcSHznT5f0UHZINd82dw-</pre>

[illegible]

b) If the primary mobile number is different from Aadhaar linked mobile number.

Response
Code : 200 OK

[illegible]

3Of1V33iOPlm6UzTJVsgJjwXNO1WOCtCeFdwHBFYP2dpNQ+OrPOso6KzZBrRRutyG2megXRtUttP3AnGcVzkbGS5a4TAVj0qpPlc3Fo0U7GNC
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```
"mobile": null,
"email": null,
"phrAddress": [
  "91160145481380@sbx"
],
"address": "165/2 Plot no-25 Mangalai Colony Shahunagar, Godoli, Satara, Maharashtra", "districtCode": "494",
"stateCode": "27",
"pinCode": "415001",
"abhaType": "STANDARD",
"stateName": "MAHARASHTRA",
"districtName": "SATARA",
"ABHANumber": "91-1601-4548-XXXX",
"abhaStatus": "ACTIVE"
},
"isNew": true
}
```

Note:

1. If the primary mobile number matches with Aadhaar linked mobile number then mobile is saved in DB and if the primary mobile number is different from Aadhaar linked mobile number then mobile is not saved and its value is null.
2. In case mobile number is null, it can be update using mobile updation APIs. To update the mobile number please refer [Section: 3 \(Step 4- ABHA Mobile Verification\)](#).
3. After creating account, need to create ABHA address. For ABHA address creation please refer [Section: 3 \(Step 6: ABHA Suggestions and ABHA Address creation\)](#).

6.2.2 Create ABHA via FaceAuth

Step 1 : Generate the Transaction Id

This API will help to generate transaction id. This transaction Id will be used for whole face authentication process.

The user can submit this transaction ID to the **ABHA** app using either intent-based sharing or by generating a QR code. User can use this transaction ID to generate QR code using any QR generator tool. Open ABHA app and scan this QR code on ABHA App to start and complete the face capture process.

The data format of the QR code should follow this pattern:

<https://<phr-env-base-url>/face-auth?txnId=<txn-id-from-the-response-of-init-api>>.

For example: <https://phrsbx.abdm.gov.in/face-auth?txnId=bac7251b-cd25-44d5-9707-f3d2ba181c1c>

V3 URL : `{{base_url}}/v3/enrollment/enrol/auth/init`

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body Parameters:

Property Name	Example Value	Mandatory	Description
scope	"abha-enrol", "face-auth"	Yes	Scope is Mandatory to generate transactionId. Transaction Id will be returned after a successful request.

V3 Request Body:

Request Body
<pre>{ "scope": ["abha-enrol", "face-auth"] }</pre>

```
}
]
```

V3 Response :

```
{
  "txnId" : "23acf181-339d-4771-b532-5c5df4a28d19"
  "message" : "Transaction Id generated Successfully"
}
```

Step 2 : Check The status of the Transaction Id

This API is designed to verify the status of a transaction ID that was generated during the invocation of the **auth/init** API. It serves as a follow-up mechanism to ensure that the transaction is still valid, active, and has not expired or been invalidated.

The response of the API will return status of that transactionId. It can be either **PENDING,VERIFIED,FAILED,COMPLETE**.

Once the status in the response of this API is returned as **COMPLETE**, it indicates that the face authentication process has been successfully completed. At this stage, the next step is to invoke the **enrolment/enrol/byAadhaar** API to proceed further.

User can poll the **/capturePID** API in every 5 - 10 seconds interval to check the status of face capture process or alternatively skip this step and call the **/byAadhaar** API once they see the PID submission success message in the ABHA app.

V3 URL : {{base_url}}/v3/enrollment/enrol/capturePID

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body Parameters:

Property Name	Example Value	Mandatory	Description
scope	"abha-enrol", "face-verify"	Yes	Scope is Mandatory to check the status of the transaction Id.
txnId	"{{transactionId}}"	Yes	Transaction Id generated by you by calling auth/init will be used here

V3 Request Body:

Request Body
<pre>{ "scope": ["abha-enrol", "face-verify"], "txnId": "93f4e14e-d5f1-447b-a6f5-f7f72428b50a" }</pre>

V3 Response based on status:

If the status is **PENDING**:

<pre>{ "status": "PENDING", "message": "Awaiting PID capture" }</pre>

If the status is **VERIFIED**:

<pre>{ "status": "VERIFIED", "message": "Awaiting PID capture" }</pre>
--

If the status is **FAILED**:

```
{
  "status": "FAILED",
  "message": "PID capture failed. Please regenerate the QR Code. "
}
```

If the status is **COMPLETED**:

```
{
  "status": "COMPLETE",
  "message": "PID captured successfully",
  "txnId": "ea1dc7aa-d7c3-40ab-bee8-84c6f1eb90fc"
}
```

Step 3 : Create ABHA using Face Auth

This API creates an ABHA account using FaceAuth.

V3 URL: {{base_url}}/v3/enrollment/enrol/byAadhaar

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body Parameters:

Property Name	Example Value	Mandatory	Description
authData	Empty	Yes	Transaction Id is Mandatory to identify the unique transaction for ABHA enrolment. This chains all the steps to enrol in ABHA. Transaction Id will be returned after a successful OTP transaction.

authMethods	face_auth	Yes	Defines the authentication method used for enrolment, following are the values that can be used. face_auth
txnId	Actual Transaction Id	Yes	Transaction Id received as a response to auth/init API
aadhaar	Encrypted Aadhaar number	Yes	Encrypted aadhaar number of a user
Mobile	Primary Mobile number	Yes	If the user wants to use a mobile number which is other than the mobile number which is linked with the Aadhaar number
Consent	-	Yes	
Code	abha-enrollment	Yes	Consent code for creating AHBA number
Version	1.4	Yes	Consent version for creating ABHA number

Note: mobile parameter in the below request is referred to as the primary mobile number

V3 Request Body:

Request Body

```
{
  "authData": {
    "authMethods": [
      "face_auth"
    ],
    "face": {
      "txnId": "{{transactionId}}",
      "aadhaar": "{{Encrypted Aadhaar Number}}",
      "mobile": "{{mobile_number}}"
    }
  },
  "consent": {
    "code": "abha-enrollment",
    "version": "1.4"
  }
}
```

V3 RESPONSE:

[illegible]

B) If the primary mobile number is different from Aadhaar linked mobile number.

Response
Code : 200 OK
<pre>{ "message": "Account created successfully", "txnId": "2ec82835-9314-4296-acc0-5d526371998d", "tokens": { "token": "eyJhbGciOiJIUzUxMiJ9.eyJpc0t5Y1ZlcmImaWVklp0cnVlCjZdWliOiI5MS0xNjAxLTQ1NDgtMTM4MCIslmNsaWVudElkIjoiYWJlOYS1wcm9maWxlLWwC1hcGkiLCJzeXN0ZW0iOiBQkhBLU4iLCJhY2NvdW50VHlwZSI6InN0YW5kYXJkIiwibW9iaWxlpudWxsLCJhYmhhTnVtYmVyljoiOTETMTYwMS00NTQ4LTEzODAiLCJwcmVmZmVZSWRBYmhhQWRkcmVzcyl6IjlxMTYwMTQ1NDgxMzgwQHNieCisInR5cCI6IlRyYW5zYWNOaW91ulwiZXhwIjoxNzE1ODUwNDY2LCJpYXQoIjE3MTU4NDg2NjYsInR4bklkIjoiMmVjODI4MzUtOTMxNC00Mjk2LWFjYzAtNWQ1MjYzNzE0ThknO.XNTXyZvRmGVTAeByvPW9rLFhYPASOveshK9fvMFY1X00u0LBJNQ5ZzS0lIOWBCOU6yW5wDCA9a03W59UUGEOjXs9XQXG0C5eyWVQSMsUyWwxjhMXN0yNhQxFTMiXjZFgiXJEUcShznT5f0UHZINd82dw-bJjZpwFoY_y66tmxpHme7Z5kvGKmiheUKpQBcSw6pj6WzZuA2AVB0w15yLW3LAdsxMZqFTES-aCx_c_iQSJc2HOCGduWQu4L9i5rJLEn8Rn4yx_DDjGxtAtP6Gem5jy-82qQausJUYc30kvuExY5BFpvpnXHarJoAtmkCRwnci_mJf4TLjI8ygfAncXmElZhhwV3TXfhCg6lgnbg-XYN6668aOoAGcG8G5tljijm6-</pre>

[illegible]

```

"stateCode": "27",
"pinCode": "415001",
"abhaType": "STANDARD",
"stateName": "MAHARASHTRA",
"districtName": "SATARA",
"ABHANumber": "91-1601-4548-XXXX",
"abhaStatus": "ACTIVE"
},
"isNew": true
}

```

Note:

1. If the primary mobile number matches with Aadhaar linked mobile number then mobile is saved in DB and if the primary mobile number is different from Aadhaar linked mobile number then mobile is not saved and its value is null.
2. In case mobile number is null, it can be update using mobile updation APIs. To update the mobile number please refer [Section: 3 \(Step 4- ABHA Mobile Verification\)](#).
3. After creating account, need to create ABHA address. For ABHA address creation please refer [Section: 3 \(Step 6: ABHA Suggestions and ABHA Address creation\)](#).

6.2.3 Create ABHA via IrisAuth

This API creates an ABHA account using IrisAuth.

V3 URL: {{base_url}}/v3/enrollment/enrol/byAadhaar

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body Parameters:

Property Name	Example Value	Mandatory	Description
---------------	---------------	-----------	-------------

authData	Empty	Yes	Transaction Id is Mandatory to identify the unique transaction for ABHA enrolment. This chains all the steps to enrol in ABHA. Transaction Id will be returned after a successful OTP transaction.
authMethods	iris	Yes	Defines the authentication method used for enrolment, following are the values that can be used. IRIS("iris"),
txnId	Actual Transaction Id	Yes	Transaction Id received as a response to request/mobile Or Email OTP API
pid	Encrypted PID value	Yes	PID value is base 64 encoded which is generated by iris scan device.
Mobile	Primary Mobile number	Yes	If the user wants to use a mobile number which is other than the mobile number which is linked with the Aadhaar number
Consent	-	Yes	
Code	abha-enrollment	Yes	Consent code for creating ABHA number
Version	1.4	Yes	Consent version for creating ABHA number

Note: mobile parameter in the below request is referred to as the primary mobile number

V3 Request Body:

Request Body
<pre>{ "authData": { "authMethods": ["iris"], "iris": { "aadhaar": "{{Encrypted Aadhaar Number}}", "pid": "<PID>", "mobile": "{{mobile_number}}" } }, "consent": { "code": "abha-enrollment", "version": "1.4" } }</pre>

V3 Response:

- a) If the primary mobile number matches with Aadhaar linked mobile number.

Response
Code: 200 OK

[illegible]

[illegible]

b) If the primary mobile number is different from Aadhaar linked mobile number.

Response
Code : 200 OK

[illegible]


```

OuMkfNJ8x/GuvDrW5w4l2VjbZ1pwaowaUGuw4iYHNLmohTgaAFppp5ppNikjbrWbq1jFfWxilXOCCK02qtOrtOamSurFJ21PGtWtfs16VUD5
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2OXESTgxp264WpwuFpsS4WpR1rqZxoMcUoHrTgKMUDGkUmKU0o6UAPooopmoUUUUAFlwyppaKBPY5PX7YLDLlBw45+tZOBIQkjBT0DHT9a
6rW7bzbQsOsZ3fhXLOoj3rirRtl6qD5o+gy60+4tSrOh2HkOOQfxq3TlrUttSntlzEQstuesUgyPw9KVI0y5gedBPBs+/GBvBz0wf8ajlXQ05mviOf
mc1VbzG+UKcnvWs6lxlSPaPVjk00loHP50rMq9ylYWDt3kMLfxuA30716Yq4x6CuT8Pwebqu/HESE59zx/jXXKOQK66C925w4h3lYmQcVIBTVH
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```

```

"mobile": null,
"email": null,
"phrAddress": [
  "91160145481380@sbx"
],
"address": "165/2 Plot no-25 Mangalai Colony Shahunagar, Godoli, Satara, Maharashtra", "districtCode": "494",
"stateCode": "27",
"pinCode": "415001",
"abhaType": "STANDARD",
"stateName": "MAHARASHTRA",
"districtName": "SATARA",
"ABHANumber": "91-1601-4548-XXXX",
"abhaStatus": "ACTIVE"
},
"isNew": true
}

```

Note:

1. If the primary mobile number matches with Aadhaar linked mobile number then mobile is saved in DB and if the primary mobile number is different from Aadhaar linked mobile number then mobile is not saved and its value is null.
2. In case mobile number is null, it can be update using mobile updation APIs. To update the mobile number please refer [Section: 3 \(Step 4- ABHA Mobile Verification\)](#).
3. After creating account, need to create ABHA address. For ABHA address creation please refer [Section: 3 \(Step 6: ABHA Suggestions and ABHA Address creation\)](#).

7.0 ABHA verification

7.1 Login via Aadhaar OTP

Step 1: Generate OTP

This API accepts the encrypted ABHA number and then generates OTP for Aadhaar linked mobile number.

V3 URL: {{base_url}}/v3/profile/login/request/otp

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the endtoend request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accessToken}}	Yes	Token generated from session API

V3 Body parameters:

Property Name	Value	Mandatory	Description
Scope	abha-login, aadhaar- verify	Yes	Defines the scope of the current action of the API, following are the values that can be used ABHA_LOGIN("abha-login"), ABHA_PROFILE("abha-profile"), AADHAAR_VERIFY("aadhaar-verify"), EMAIL_VERIFY("email-verify"), MOBILE_VERIFY("mobile-verify"), PASSWORD_VERIFY("password-verify"), CHANGE_PASSWORD("change-password"), RE_KYC("re-kyc"),
loginHint	Abha-number	Yes	Type of login, following are the values that can be used. ABHA_NUMBER("abha-number"), MOBILE("mobile"), EMAIL("email"), AADHAAR("aadhaar"), PASSWORD("password"),
loginId	Encrypted ABHA number	Yes	Actual value of login type. This needs to be RSA encrypted using a public key
otpSystem	aadhaar	Yes	Otp system to verify hiu/hip/phr login, following are the values that can be used. AADHAAR("aadhaar"), ABDM("abdm"),

V3 Request Body:

Request Body
<pre>{ "scope": ["abha-login", "aadhaar-verify"], "loginHint": "abha-number", "loginId": "eP7sVhb5mxtlleG1xKUUTYDvcUoVBFDeWpYFcA+pwFAOTsvZ/yTEOGyCfRKXcUKG0fTvAjtU73OIR9aJAu2lIr6FWM8pwcDwlvZgP8YR6+X/8rxvcuYYyGkBuWb6zoXeHE7ZwTDHNCUwEFyWLwBpNkbYJ+vbtYLlyB7y3fRk+cJtB+iJq/IOQaLYZQoYqR4aTMutqQaopWukaBRz1h/0LSFh2PIfOxfSMKymOFvS33OqVVMqQ6p9aajm5zuFW/dG86oeN5qFZHaPjN/dx2Rv0VWlLivAm8J+ZQGuJovm0OuPmfaL+FZgbjJDLPMAmhUYm+WBv9GPqWbxt3sjYtQy2Th6y4j12Nw+O++9eKuW8mZ28Vdo6w/ulp1kmKzZvMdVUGp1piF6h/ru6r5k4nNT+C6ib6BB8rH8qcBs00nrX4WjzIiVGOAuvvZxAsCMzAXf+cep6RXZgeg68ORouvoA9mCv2xyOWKAkc+eJ7Y6GcdT3Vvl0Kqa/awqUpY/Tsppk7RVGAN2w2RL+SX7/V6Sa7o2GwJIJfGghihUWIHkX3yaCyS7wCIMFzeLHIC4bTPb0lyoyYnM3MxvPtWl6Rlq08eyZFSUeEhpa+nTfVPjok6j7p2WjBXRln4ynxwr4yYpiiONlgnHtaziUPvcW47B+sb28ZLqU1Gpldfcw8bXJrcHqc=", "otpSystem": "aadhaar" }</pre>

V3 Response:

Response
Code: 200 OK
<pre>{ "txnId": "01a71f23-b26f-463a-b54b-ea50446eae9", "message": "OTP is sent to Aadhaar registered mobile number ending with *****0161" }</pre>

Step 2: Verify OTP

This API accepts OTP from the user, once the OTP is successfully validated a session token is generated.

V3 URL: {{base_url}}/v3/profile/login/verify

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body parameters:

Property Name	Value	Mandatory	Description
Scope	abha-login, aadhaar- verify	Yes	Defines the scope of the current action of the API, following are the values that can be used ABHA_LOGIN("abha-login"), ABHA_PROFILE("abha-profile"), AADHAAR_VERIFY("aadhaar-verify"), EMAIL_VERIFY("email-verify"), MOBILE_VERIFY("mobile-verify"), PASSWORD_VERIFY("password-verify"), CHANGE_PASSWORD("change-password"), RE_KYC("re-kyc"),
txnId	txnId	Yes	Transaction Id is Mandatory to identify the unique transaction for ABHA login.
otpValue	Encrypted OTP value	Yes	
authMethods	otp	Yes	Type of login, following are the values that can be used OTP("otp"), PASSWORD("password"),

V3 Request Body:

Request Body
<pre>{ "scope": ["abha-login", "aadhaar-verify"], "authData": { "authMethods": ["otp"], "otp": { "txnId": "{{txnId}}", "otpValue": "{{OTP_encryption}}" } } }</pre>

V3 Response:

[illegible]

7.2 Login via Aadhaar Number

Step 1: Generate OTP

This API accepts the encrypted Aadhaar Number and then generates OTP for Aadhaar linked ABHA number.

V3 URL: {{base_url}}/v3/profile/login/request/otp

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the endtoend request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accessToken}}	Yes	Token generated from session API

V3 Body parameters:

Property Name	Value	Mandatory	Description
Scope	abha-login, aadhaar- verify	Yes	Defines the scope of the current action of the API, following are the values that can be used ABHA_LOGIN("abha-login"), ABHA_PROFILE("abha-profile"), AADHAAR_VERIFY("aadhaar-verify"), EMAIL_VERIFY("email-verify"), MOBILE_VERIFY("mobile-verify"), PASSWORD_VERIFY("password-verify"), CHANGE_PASSWORD("change-password"), RE_KYC("re-kyc"),
loginHint	aadhaar	Yes	Type of login, following are the values that can be used. ABHA_NUMBER("abha-number"), MOBILE("mobile"), EMAIL("email"), AADHAAR("aadhaar"), PASSWORD("password"),
loginId	Encrypted aadhaar number	Yes	Actual value of login type. This needs to be RSA encrypted using a public key
otpSystem	aadhaar	Yes	Otp system to verify hiu/hip/phr login, following are the values that can be used. AADHAAR("aadhaar"), ABDM("abdm"),

V3 Request Body:

Request Body

```

{
  "scope": [
    "abha-login",
    "aadhaar-verify"
  ],
  "loginHint": "aadhaar",
  "loginId":
  "eP7sVhb5mxtlleG1xKUUTYDvcUoVBFDEwpYFcA+pwFAOTsvZ/yTEOgyCfRKXcUKG0fTvAjtU73OIR9aJAu2llr6FWM8pwcDWlvZgP8YR6+X/8
rxvcuYYyGkBuWB6zoXeHE7ZwTDHNCUwEFyWLwBpNkbYJ+vbtYLLyB7y3fRk+cJtB+iJq/IOQaLYZQoYqR4aTMutqQaopWukaBRz1h/0LSFh2PI
fOxfSMKymOFvS33OqVVmqQ6p9aajm5zuFW/dG86oeN5qFZHaPjN/dx2Rv0VWILlvAm8J+ZQGuJovm0OuPmfal+FZgbjJDLPMAmhUYm+
WBv9GPqWbxt3sjYtQy2Th6y4j12Nw+O++9eKuwBmZ28Vdo6w/ulp1kmKzZvMdVUGp1piF6h/ru6r5k4nNT+C6ib6BB8rH8qcBs00nrX4WjzJ
iVG0AuvvZxAsCMzAXf+cep6RXZgeg68ORouvoA9mCv2xyOWKAkc+eJ7Y6GcdT3Vvl0Kqa/awqUpY/Tsppk7RVGAN2w2RL+SX7/V6Sa7o2Gw
JJJFgGhihUWIHkX3yaCyS7wCIMFzeLHIC4bTPb0lyoyYnM3MxvPtWl6Rlq08eyZFSUeEhpa+nTfVPjok6j7p2WjBXRln4ynxwr4yYpiiONIgnHta
ziUPvcW47B+sb28ZLqU1Gpldfcw8bXJrcHqc=",
  "otpSystem": "aadhaar"
}

```

V3 Response:

Response
Code: 200 OK
<pre> { "txnId": "01a71f23-b26f-463a-b54b-ea50446eae9", "message": "OTP is sent to Aadhaar registered mobile number ending with *****0161" } </pre>

Step 2: Verify OTP

This API accepts OTP from the user, once the OTP is successfully validated a session token is generated.

V3 URL: {{base_url}}/v3/profile/login/verify

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body parameters:

Property Name	Value	Mandatory	Description
Scope	abha-login, aadhaar- verify	Yes	Defines the scope of the current action of the API, following are the values that can be used ABHA_LOGIN("abha-login"), ABHA_PROFILE("abha-profile"), AADHAAR_VERIFY("aadhaar-verify"), EMAIL_VERIFY("email-verify"), MOBILE_VERIFY("mobile-verify"), PASSWORD_VERIFY("password-verify"), CHANGE_PASSWORD("change-password"), RE_KYC("re-kyc"),
txnId	txnId	Yes	Transaction Id is Mandatory to identify the unique transaction for ABHA login.
otpValue	Encrypted OTP value	Yes	
authMethods	otp	Yes	Type of login, following are the values that can be used OTP("otp"), PASSWORD("password"),

V3 Request Body:

Request Body


```
{
  "scope": [
    "abha-login",
    "aadhaar-verify"
  ],
  "authData": {
    "authMethods": [
      "otp"
    ],
    "otp": {
      "txnId": "{{txnId}}",
      "otpValue": "{{OTP_encryption}}"
    }
  }
}
```

V3 Response:

```
Response

Code: 200 OK

{
  "txnId": "15fbec8b-0168-471d-8691-003c183a24fb",
  "authResult": "success",
  "message": "OTP verified successfully",   "token":
"eyJhbGciOiJIUzUxMiJ9.eyJpc0t5Y1ZlcmImaWVklp0cnVlCjZdWliOiI5MS0yNTY4LTcwNzMtNDgxOSIsImNsaWVudEl
kljoiYWJ0YS1wcm9maWxlbWFWcC1hcGkiLCJzeXN0ZW0iOiJlCjZdWliOiI5MS0yNTY4LTcwNzMtNDgxOSIsImNsaWVudEl
51bWJlci6ljxlTI1NjgtNzA3My00ODE5liwicHJlZmVycmVkJWJ0YUkZlCjZdWliOiI5MS0yNTY4LTcwNzMtNDgxOSIsImNsaWVudEl
9uliwiZXhwIjoxNzA3MTI0MDI4LCJpYXQiOiE3MDcxMjlyMjg5LnR4bklkIjoiaMTVmYmVmVjOGltMDE2OC00NzFkLTg2OTEtMDA
zYzE4M2EyNGZiIn0.OqM17elgGWYIzhn6Rlw3VlepK1ClcXdbw6ry8dDjPZepzbngRGQVUn0Na4uT7bMjgRXC3mNTaUZZWvJGLLCYnEXijtqlmzyQ
ATTHI_4KITIAd4PSEyZlmPjdFRiSoaz_etNt
6RPDt9q5 tze64YludufxsiCfDkfr0J6w6yK3crWYkobClKMokVzVdnGM9X1ysEduK-bozTIPvsyXwdfa3dc9km5nFClcFWaXQajPk",
  "expiresIn": 1800,
  "refreshToken": "eyJhbGciOiJIUzUxMiJ9. wEvha4yvYo4WNYMxigG7ObhAKL6ICUJGQ9hiGCglPwc2e1FrFXmw5W ",
  "refreshExpiresIn": 1296000,
  "accounts": [
    {
      "ABHANumber": "91-4819-7073-XXXX",
      "preferredAbhaAddress": "guneetarora@sbx",
      "name": "Guneet Singh Arora",
      "status": "ACTIVE",           "profilePhoto":
"/9j/4AAQSkZJRgABAgAAAQABAAD/2wBDAAGGBgcGBQgHBWcJCQgKDBQNDAsLDBkSEw8UHRofHh0aHBwgJC4nIC
IsxwckDcpLDAxNDQ0Hyc5PTgyPC4zNDL/2wBDAQkJCQwLDBGNDRgylRwhMjlyMjlyMjlyMjlyMjlyMjlyMjlyMjlyMjlyMjly
MjlyMjlyMjlyMjlyMjlyMjlyMjL/wAARCAIAKADASIAAhEBAxEB9QE80yB+ar6jDFd6dNazcxz0bqHBKkEHH4VJnimzH9x9
TTA+bdQtXs7+4tpCpkhlaNyvTcpcwfkPnrXW+P7E2niy4YKqpclsyhfcYJPuWVjXJHpVoBvU4FdVoN5aafFtyCzcs2OSa
w9KHgeZpbj/Vp0Hqat3MfK7BoJjGeoDMMfzrOpZ+6zWCa1R6Bp+qWc0qASAbuma3WeMBMMmGbH1+leTWcjRnBb
cvsa7bQ7uRrcIJA+6PQVvygom6k5bm9PNdAMysqj3rGuPENhCflkDHOMYrG1y/kaR4t/U8CuXkt5riY/vD15JojTi9WNy
a2L/iOAt21CYXMACzdGA/ ACP+BV65bda4rwLYf2d4ct1Yyef9+/OR8wGPp8oXj1zXb2i/ ="
    }
  ]
}
```

7.3 Login via Abha OTP

Step 1: Generate OTP

This API accepts the encrypted ABHA number and then generates OTP for Abha linked mobile number.

V3 URL: {{base_url}}/v3/profile/login/request/otp

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the endtoend request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body parameters:

Property Name	Value	Mandatory	Description
Scope	abha-login, mobile-verify	Yes	Defines the scope of the current action of the API, following are the values that can be used ABHA_LOGIN("abha-login"), ABHA_PROFILE("abha-profile"), AADHAAR_VERIFY("aadhaar-verify"), EMAIL_VERIFY("email-verify"), MOBILE_VERIFY("mobile-verify"), PASSWORD_VERIFY("password-verify"), CHANGE_PASSWORD("change-password"), RE_KYC("re-kyc"),
loginHint	abha-number	Yes	Type of login, following are the values that can be used. ABHA_NUMBER("abha-number"), MOBILE("mobile"), EMAIL("email"), AADHAAR("aadhaar"), PASSWORD("password"),

loginId	Encrypted Abha number	Yes	Actual value of login type. This needs to be RSA encrypted using a public key
otpSystem	abdm	Yes	Otp system to verify hiu/hip/phr login, following are the values that can be used. AADHAAR("aadhaar"), ABDM("abdm"),

V3 Request Body:

Request Body
<pre>{ "scope": ["abha-login", "mobile-verify"], "loginHint": "abha-number", "loginId": "{{Abha_encryptedOutput}}", "otpSystem": "abdm" }</pre>

V3 Response:

Response
Code: 200 OK
<pre>{ "txnId": "cef6460d-a068-4c84-ae78-407fe6ad13d4", "message": "OTP sent to mobile number ending with *****4723" }</pre>

Step 2: Verify OTP

This API accepts encrypted OTP from the user, once the OTP is successfully validated a session token is generated.

V3 URL: {{base_url}}/v3/profile/login/verify

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction

TIMESTAMP	{{\${isoTimestamp}}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accessToken}}	Yes	Token generated from session API

V3 Body parameters:

Property Name	Value	Mandatory	Description
Scope	abha-login, mobile-verify	Yes	Defines the scope of the current action of the API, following are the values that can be used ABHA_LOGIN("abha-login"), ABHA_PROFILE("abha-profile"), AADHAAR_VERIFY("aadhaar-verify"), EMAIL_VERIFY("email-verify"), MOBILE_VERIFY("mobile-verify"), PASSWORD_VERIFY("password-verify"), CHANGE_PASSWORD("change-password"), RE_KYC("re-kyc"),
txnId	txnId	Yes	Transaction Id is Mandatory to identify the unique transaction for ABHA login.
otpValue	Encrypted OTP value	Yes	
authMethods	otp	Yes	Type of login, following are the values that can be used OTP("otp"), PASSWORD("password"),

V3 Request Body:

Request Body

```
{
  "scope": [
    "abha-login",
    "mobile-verify"
  ],
  "authData": {
    "authMethods": [
      "otp"
    ],
    "otp": {
      "txnId": "{{txnId}}",
      "otpValue": "{{OTP_encryption}}"
    }
  }
}
```

V3 Response:

[illegible]

7.4 Login via Mobile OTP

Step 1: Generate OTP

API accepts mobile numbers and then generates OTP for the entered mobile number.

V3 URL: {{base_url}}/v3/profile/login/request/otp

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the endtoend request transaction
TIMESTAMP	{{IsoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body parameters:

Property Name	Value	Mandatory	Description
Scope	abha-login, mobile-verify	Yes	Defines the scope of the current action of the API, following are the values that can be used ABHA_LOGIN("abha-login"), ABHA_PROFILE("abha-profile"), AADHAAR_VERIFY("aadhaar-verify"), EMAIL_VERIFY("email-verify"), MOBILE_VERIFY("mobile-verify"), PASSWORD_VERIFY("password-verify"), CHANGE_PASSWORD("change-password"), RE_KYC("re-kyc"),
loginHint	mobile	Yes	Type of login, following are the values that can be used ABHA_NUMBER("abha-number"), MOBILE("mobile"), EMAIL("email"), AADHAAR("aadhaar"), PASSWORD("password"),
loginId	Encrypted Mobile number	Yes	Actual value of login type. This needs to be RSA encrypted using public key

otpSystem	abdm	Yes	Otp system to verify hiu/hip/phr login, following are the values can be used. AADHAAR("aadhaar"), ABDM("abdm"),
-----------	------	-----	---

V3 Request body:

Request Body
<pre>{ "scope": ["abha-login", "mobile-verify"], "loginHint": "mobile", "loginId": "{{[Mobile_Encryption]}", "otpSystem": "abdm" }</pre>

V3 Response:

Response
Code: 200 OK
<pre>{ "txnId": "67f12929-22fd-4826-a8f3-a6fef3e11244", "message": "OTP sent to mobile number ending with *****9260" }</pre>

Step 2: Verify OTP

This API accepts encrypted OTP from the user, once the OTP is successfully validated a session token is generated along with the list of ABHA numbers (ACTIVE and DEACTIVATED) linked with the mobile number.

V3 URL: {{base_url}}/v3/profile/login/verify

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the endtoend request transaction

TIMESTAMP	{{ \$isoTimestamp }}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{ accessToken }}	Yes	Token generated from session API

V3 Body parameters:

Property Name	Value	Mandatory	Description
Scope	abha-login, mobile-verify	Yes	Defines the scope of the current action of the API, following are the values that can be used ABHA_LOGIN("abha-login"), ABHA_PROFILE("abha-profile"), AADHAAR_VERIFY("aadhaar-verify"), EMAIL_VERIFY("email-verify"), MOBILE_VERIFY("mobile-verify"), PASSWORD_VERIFY("password-verify"), CHANGE_PASSWORD("change-password"), RE_KYC("re-kyc"),
authMethods	otp	Yes	Type of login, following are the values that can be used OTP("otp"), PASSWORD("password"),
txnId	txnId	Yes	Transaction Id is Mandatory to identify the unique transaction for ABHA login.
otpValue	Encrypted OTP value	Yes	

V3 Request Body:

Request Body

V3 Response:

Step 3: Verify User.

This API accepts the ABHA number and transaction id, once both are validated a session token is generated.

V3 URL: {{base_url}}/v3/profile/login/verify/user

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the endtoend request transaction
TIMESTAMP	{{IsoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accesstoken}}	Yes	Token generated from session API
T-token	Bearer {{token}}	Yes	Token received in login/verify API. Its' valid for 5mins.

V3 Body parameters:

Property Name	Value	Mandatory	Description
ABHANumber	AbhaNumber	Yes	14-digit ABHA number
txnId	9b4ce0f9-3a27-4598a02ab889479f4fb0	Yes	Transaction Id is Mandatory to identify the unique transaction for ABHA login generated from Verify OTP step.

V3 Request Body:

Request Body
<pre>{ "ABHANumber": "{{AbhaNumber}}", "txnId": "{{txnId}}" }</pre>

V3 Response:

Response

```
{
  "token":
"eyJhbGciOiJIUzUxMiJ9.eyJzdWIiOiI1MS00MTczLTMyNTMtNTQwNiIsImNsaWVudElkIjoieYlWJoYS1wcm9maWxlLWFwcC1hcGkiLCJzeXN0ZW0iOiJBQkhBLU4iLCJtb2JpbGUiOiI3ODEEzMDEwMTYxliwiYWJ0eYU1bWJlcil6jklTQXNzMtMz11MyO1NDA2liwicHJlZmVycmVkQWJ0eYUfKZHjc3MiOiI1MTQXNzMzMjUzNTQwNkNhYmRtliwiZXhwIjoxNjc0Njc0OTI1LClpYXQiOiJE2NmzMzNg5MjUsInR4bklkIjoIODY1MjEzODgtZThkNS00NzljLWVmYyEtYjEyZjE0ZDgyMGGM4In0.OiNgXenYMMliGNtNx4OPr29qyXYBunUa3DSkyY2TRRWNRNZfp1bW6CWNlz-9QbkNfgmDx44QQMkQWRxJBnbaA9ASmchriMgG1OWc6H1DittwzDUsfhUKNDABr1eHLbtXcbKqAAIPhZ9uWw7nshhxKXkYmMWPGAUm9T-
Ny46Lb4P1qQQo6RQA7r4fq5g_6fyhFxnIz2_HV2XSvy3gyZZ3ajPmM0APZLMjLYbvkoXv8HXWCYXLXYW7EYdRCh8unJey3Px2VDqvdsJr3z8jmsGsbltxTBtymoJB03rR243zO2u-wf1dEZuZbsiNko5Yeu67Mu2p3o6z6bAoMzk6crxcus0gw0kuAkUuC8md1Xy4-FD98TtUmETa5umWW3zs155_J4rk9cd1wmNPOMLRJct5hRpqfFxmrsWNatw61VdQp6enUAG9Kkf8eLLiaQFv_qSIKyhMgSFxjKk2PBU2nvC3LUdcqf_YxCxqzwXc_rrzOLN2h6MzmGYQgtXqf1gsrD_IQ7H14-BZwkrDeYMYvsDSi2CFGqJfDJBLQNfc7eZKGmkjTFz_idUL4EaIJ3qX2TbIMCCW5UA2IYbLJPclCPaCLXApf2zpaOnZmBhUr8ycDYTCVnMt6XpZm7J5by-CACYa0v0rTN7H-RbJOEq3loLiooPf4dWZd4UUrTA",
  "expiresIn": 1800,
  "refreshToken": "eyJhbGciOiJIUzUxMiJ9.eyJzdWIiOiI1MS00MTczLTMyNTMtNTQwNiIsImNsaWVudElkIjoieYlWJoYS1wcm9maWxlLWFwcC1hcGkiLCJzeXN0ZW0iOiJBQkhBLU4iLCJ0eXAiOiI1SjZWZyZXNoliwiZXhwIjoxNjc0Njc0OTI1LClpYXQiOiJE2NmzMzNg5MjV9.cyskKue4BcvT-vpx5rCVUeocEXYTfAuBTmJHaaPUtd4AOdUnhlyOJSBNkHk5IIJcwdpqrRntWj5ynpTFJJnGnRRi2fbP6Cu89y29K0AnPmSFeaO9kNm1LM53ZA519VwAAN3zLqySm8s6ccPFKF_p-ewHvb73k2k2lnjpJTsww_kmVtHs4R46EuhzoKXYx48TOVmsraO1ScfAjYm-R1LZ66T42PXVrJaZ6RSrRmuW6Xc_N7cmDermpjmO3to21zinEary8jcHZXnmTTWTWxzST4TFOQ7fqN_t4xmtUQR1QHkcF4M-mPKCRfbaGBazz6DldpvC2HEkbROIz8_XQDUlgPOon2JX2smQ27IzobPP4LRwiVTktPAoprTvRVBqW4i6GirYf3i7JXgv4UOtYQOLFnkOH7IZsbtpht4xfIggWwZ8dzinWRduUUVVEZDP_Fn5oPm1EqH87JDM6mNTQEfrAZ4PxsAgkNXZnxjkV6fCKjKshwsZmgntJtwHiA2Ep48za2waQQnNqEfMxb_cLmfaf6ZqDY_2MAVsFddGgj3Hguekd8kCc_OJ705qaGh2XwfIS67rTTZSeHTC1-UzyXA0sQPSN4FLvY3D-mM4VhHNb7Kp-xEJHOksKS_3Gz7LqpfiTPyJ4EEovbvWb1HgMBXHv3kGuuay4srGisZ4mjE",
  "refreshExpiresIn": 1296000 }
}
```

7.5.1 Login via FaceAuth

ADL = Activities of Daily Living; ADHA = Attention Deficit Hyperactivity Disorder; ICD = International Classification of Diseases; DSM = Diagnostic and Statistical Manual of Mental Disorders

V3 Request: POST

V3 Request Header

Property Name	
---------------	--

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the endtoend request transaction

TIMESTAMP	{{\${isoTimestamp}}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{{accessToken}}}	Yes	Token generated from session API

V3 Body parameters:

Property Name	Value	Mandatory	Description
Scope	abha-login, aadhaar-face-verify	Yes	Defines the scope of the current action of the API, following are the values that can be used ABHA_LOGIN("abha-login"), ABHA_PROFILE("abha-profile"), AADHAAR_VERIFY("aadhaar-verify"), EMAIL_VERIFY("email-verify"), MOBILE_VERIFY("mobile-verify"), PASSWORD_VERIFY("password-verify"), CHANGE_PASSWORD("change-password"), RE_KYC("re-kyc"), AADHAAR_FACE_VERIFY("aadhaar-face-verify"), AADHAAR_BIO_VERIFY("aadhaar-bio-verify"), AADHAAR_IRIS_VERIFY("aadhaar-iris-verify"),
loginHint	ABHA number	Yes	Type of login, following are the values that can be used ABHA_NUMBER("abha-number"), MOBILE("mobile"), EMAIL("email"), AADHAAR("aadhaar"), PASSWORD("password"),
loginId	Encrypted ABHA number	Yes	Actual value of login type. This needs to be RSA encrypted using public key
otpSystem	aadhaar	Yes	Otp system to verify hlu/hip/phr login, following are the values can be used. AADHAAR("aadhaar"), ABDM("abdm"),

V3 Request body:

Request Body

```

{
  "scope": [
    "abha-login",
    "aadhaar-face-verify"
  ],
  "loginHint": "abha-number",
  "loginId": "{{Abha_Number Encrypted}}",
  "otpSystem": "aadhaar"
}

```

V3 Response:

Response
Code: 200 OK
<pre> { "txnId": "67f12929-22fd-4826-a8f3-a6fef3e11244", "message": "FACE authentication request successfully sent." } </pre>

Step 2: Verify Face

This API accepts base-64 encoded face auth PID for the user which is generated by the Aadhaar RD service application. once the PID value is successfully validated a session token is generated.

V3 URL: {{base_url}}/v3/profile/login/verify

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the endtoend request transaction
TIMESTAMP	{{\${isoTimestamp}}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body parameters:

Property Name	Value	Mandatory	Description
Scope	abha-login, aadhaar-face-verify	Yes	Defines the scope of the current action of the API, following are the values that can be used ABHA_LOGIN("abha-login"), ABHA_PROFILE("abha-profile"), AADHAAR_VERIFY("aadhaar-verify"), EMAIL_VERIFY("email-verify"), MOBILE_VERIFY("mobile-verify"), PASSWORD_VERIFY("password-verify"), CHANGE_PASSWORD("change-password"), RE_KYC("re-kyc"), AADHAAR_FACE_VERIFY("aadhaar-face-verify"), AADHAAR_BIO_VERIFY("aadhaar-bio-verify"), AADHAAR_IRIS_VERIFY("aadhaar-iris-verify")
authMethods	face	Yes	Type of login, following are the values that can be used OTP("otp"), PASSWORD("password"), FACE("face"), BIO("bio"), IRIS("iris")
txnId	txnId	Yes	Transaction Id is Mandatory to identify the unique transaction for ABHA login.
faceAuthPid	Base 64 encoded face auth Pid	Yes	PID value is base 64 encoded which is generated by the Aadhaar RD service application

V3 Request Body:

Request Body
<pre>{ "scope": ["abha-login", "aadhaar-face-verify"], "authData": { "authMethods": ["face"], "face": { "txnId": "{{txnId}}", "faceAuthPid": "{{Base-64-encoded_faceAuthPid}}" } } }</pre>

V3 Response:

Note : List of UIDAI-approved biometric devices

- <https://uidai.gov.in/en/ecosystem/authentication-devices-documents/biometric>
<https://ind01.safelinks.protection.outlook.com/?url=https://uidai.gov.in/en/ecosystem/authentication-devices-documents/biometric-devices.html&data=05|02|Kushal.Pandita@ltimindtree.com|022d6e5cc5ca4c50ddc708dd93aaf31c|ff355289721e4dd7a663afec62ab9d54|0|0|638829084605444457|Unknown|TWfPbGZsb3d8eyJFbXB0eU1hcGkiOnRydWUsIlYiOiIwLjAuMDAwMCIslIAiOiJXaW4zMlslSkFOIjoiTWFpbiClldUIjoyfQ==|0||&sdata=l/nQjzqQwmHwJj++2ueol9Tlnbz1iunxdtKxwPjPLQ=&reserved=0>[devices.html](#). (Kindly note that the list is updated by UIDAI periodically.)

Step 1: Send Biometric Verification Request

API accepts ABHA number and then by verifying the account will send the fingerprint verification request to the application.

V3 URL: {{base_url}}/v3/profile/login/request/otp

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the endtoend request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accessToken}}	Yes	Token generated from session API

V3 Body parameters:

Property Name	Value	Mandatory	Description
Scope	abha-login, aadhaar-bio-verify	Yes	Defines the scope of the current action of the API, following are the values that can be used ABHA_LOGIN("abha-login"), ABHA_PROFILE("abha-profile"), AADHAAR_VERIFY("aadhaar-verify"), EMAIL_VERIFY("email-verify"), MOBILE_VERIFY("mobile-verify"), PASSWORD_VERIFY("password-verify"), CHANGE_PASSWORD("change-password"), RE_KYC("re-kyc"), AADHAAR_FACE_VERIFY("aadhaar-face-verify"), AADHAAR_BIO_VERIFY("aadhaar-bio-verify"), AADHAAR_IRIS_VERIFY("aadhaar-iris-verify"),

loginHint	ABHA number	Yes	Type of login, following are the values that can be used ABHA_NUMBER("abha-number"), MOBILE("mobile"), EMAIL("email"), AADHAAR("aadhaar"), PASSWORD("password"),
loginId	Encrypted ABHA number	Yes	Actual value of login type. This needs to be RSA encrypted using public key
otpSystem	aadhaar	Yes	Otp system to verify login, following are the values can be used. AADHAAR("aadhaar"), ABDM("abdm"),

V3 Request body:

Request Body
<pre>{ "scope": ["abha-login", "aadhaar-bio-verify"], "loginHint": "abha-number", "loginId": "{{ABHA_Number Encrypted}}", "otpSystem": "aadhaar" }</pre>

V3 Response:

Response
Code: 200 OK
<pre>{ "txnId": "67f12929-22fd-4826-a8f3-a6fef3e11244", "message": "Fingerprint authentication request successfully sent." }</pre>

Step 2: Verify Fingerprint

This API accepts base-64 encoded Fingerprint auth pid for the user which is generated by the biometric device. Once the pid value is successfully validated a session token is generated.

V3 URL: {{base_url}}/v3/profile/login/verify

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the endtoend request transaction
TIMESTAMP	{{\${isoTimestamp}}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body parameters:

Property Name	Value	Mandatory	Description
Scope	abha-login, aadhaar-bio-verify	Yes	Defines the scope of the current action of the API, following are the values that can be used ABHA_LOGIN("abha-login"), ABHA_PROFILE("abha-profile"), AADHAAR_VERIFY("aadhaar-verify"), EMAIL_VERIFY("emailverify"), MOBILE_VERIFY("mobile-verify"), PASSWORD_VERIFY("password-verify"), CHANGE_PASSWORD("change-password"), RE_KYC("re-kyc"), AADHAAR_FACE_VERIFY("aadhaar-face-verify"), AADHAAR_BIO_VERIFY("aadhaar-bio-verify"), AADHAAR_IRIS_VERIFY("aadhaar-iris-verify")
authMethods	bio	Yes	Type of login, following are the values that can be used OTP("otp"), PASSWORD("password"), FACE("face"), BIO("bio"), IRIS("iris")
txnId	txnId	Yes	Transaction Id is Mandatory to identify the unique transaction for ABHA login.
fingerprintAuthPid	Base 64 encoded bio auth PID	Yes	PID value is base 64 encoded which is generated by biometric device

Note: Checkpoints to generate fingerprintAuthPid:- Ir = 'Y'; (This Attribute should be passed as 'Y' otherwise it will give K-547 error) ra = deviceType; rc = 'Y'; de = 'N'; pfr = 'N'; text = '2.5' + ra + rc + Ir + de + pfr; wadh = Base64.stringify(sha256(text)) or Convert to SHA-256 and then to base64.

V3 Request Body:

Request Body

```
{
  "scope": [
    "abha-login",
    "aadhaar-bio-verify"
  ],
  "authData": {
    "authMethods": [
      "bio"
    ],
    "bio": {
      "txnId": "{{txnId}}",
      "fingerprintAuthPid": "{{Base-64-encoded_fingerprintAuthPid}}"
    }
  }
}
```

V3 Response:

Response

Code: 200 OK

```
{
  "txnId": "ec5d10f4-41c9-4d7e-b857-4a77b04a35b7",
  "authResult": "success",
  "message": "Bio verified successfully",   "token":
"eyJhbGciOiJIUzUxMiJ9.eyJzdWIiOiI5ODcyNjk5MjYwIiwiaXp2xpZW50SWQkOiJhYmhmLXByb2ZpbnRtYXNwLWFwaSIsIn
N5c3RlbiS16ikFCSEEtIiIsIm1vYmIsZSI6Ij4NzI0OTkyNjAiLCJ0eXAiOiJ1UcmFuc2ZlciIsImV4cCI6MTcwNzEyMzMywiaWw
F0ljoXNzA3MTIzMDYzfQ.Jn9Xt0UuiVJ61-9paqnr0KWoy9T6pdc2QKQrV5qH6NlCujcoYq-ch8JVM7xHa6CkgDvt4PZj_
",
  "expiresIn": 300,
  "accounts": [
    {
      "ABHANumber": "91-5568-7073-XXXX",
      "preferredAbhaAddress": "nilam33@sbx",
      "name": "Nilam Pratik Jadhav",
      "gender": "M",
      "dob": "19-03-1997",
      "status": "ACTIVE",      "profilePhoto":
"/9j/zVr7GGNefc7jIEYzjFLKmwZNaotku4A5qveRooztPXYG3lGe4RNU4kgBSM7j2Fen2MC29vHChJCKFYep964rSYkwc
XUzKiqQF8xwgB/vc9QCVHHfHvXbpyWs8dxAs0EkcsbdHjcMDjjgrXo0YcsTgrT5pBMWWYnKX7yxtjnHIFvwwlv5BuUj589i
Rzj061dj+YICMS5JqNh56O+CcsxBPpk4rUyZFKJ13zQHzE2fkG9Qp7e5x09acl6pco4IOSAQmJg4/MnPHtUdrJ5c/IE8HpVu
SBjTuK/OMfOOCmDOaVgRLFKrGrgynuDmpw3FY32Sa3Km3fi3AHHB2/
/Nzz+WfnfLi/7pJbuXbky2GxfYtyM9QcZyDRRQtQZWn03U07lpt7WLGPKt2IzXj5j/EcADnPTtWzpOnzRafJJYhZJ0lwVbM
anoQAccBsZ1zRRTa0EpNGfYfRyXE8SRoojYkBGGBG3dgY/Nf++gOatDGOKK82vFRloelSk3HUgcYnNRR239o38Vpn
G/JLegHu/0+poopUopyVx1JNRbQmr+bpV/arWLR5zRAxmJskAHaQTg5BAUdcZD5ycVjBrUqS+ZqVjBtCm4tC2SA2
4Bh98KPQfS/3T0oor0kজেZnU2ModAwmWbnKsuPmX+E8d8DH1B6dKbp7Smwg81NknlLvTH3WlyR+tFFMorz5Vgw6g1
ow570Vs+xoopMS3Eb5W9qbJfHcgFwcjIDDqAQQf59DRRSgF/9k=",
      "kycVerified": true
    }
  ]
}
```

7.5.3 Login via IrisAuth

Step 1: Send Iris verification Request

API accepts ABHA number and then by verifying the account will send the Iris verification request to the application.

V3 URL: {{base_url}}/v3/profile/login/request/otp

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the endtoend request transaction
TIMESTAMP	{{IsoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds

Authorization Token	{{accesstoken}}	Yes	Token generated from session API
---------------------	-----------------	-----	----------------------------------

V3 Body parameters:

Property Name	Value	Mandatory	Description
Scope	abha-login, aadhaar-irisverify	Yes	Defines the scope of the current action of the API, following are the values that can be used ABHA_LOGIN("abha-login"), ABHA_PROFILE("abha-profile"), AADHAAR_VERIFY("aadhaar-verify"), EMAIL_VERIFY("email-verify"), MOBILE_VERIFY("mobile-verify"), PASSWORD_VERIFY("password-verify"), CHANGE_PASSWORD("change-password"), RE_KYC("re-kyc"), AADHAAR_FACE_VERIFY("aadhaar-face-verify"), AADHAAR_BIO_VERIFY("aadhaar-bio-verify"), AADHAAR_IRIS_VERIFY("aadhaar-iris-verify"),
loginHint	ABHA number	Yes	Type of login, following are the values that can be used ABHA_NUMBER("abha-number"), MOBILE("mobile"), EMAIL("email"), AADHAAR("aadhaar"), PASSWORD("password"),
loginId	Encrypted ABHA number	Yes	Actual value of login type. This needs to be RSA encrypted using public key
otpSystem	aadhaar	Yes	Otp system to verify login, following are the values can be used. AADHAAR("aadhaar"), ABDM("abdm"),

V3 Request body:

Request Body
<pre>{ "scope": ["abha-login", "aadhaar-iris-verify"], "loginHint": "abha-number", "loginId": "{{Abha_Number Encrypted}}", "otpSystem": "aadhaar" }</pre>

V3 Response:

Response
Code: 200 OK
<pre>{ "txnId": "67f12929-22fd-4826-a8f3-a6fef3e11244", "message": "Iris authentication request successfully sent." }</pre>

Step 2: Verify Iris

This API accepts base-64 encoded Iris auth PID for the user which is generated by the Iris device. Once the PID value is successfully validated a session token is generated.

V3 URL: {{base_url}}/v3/profile/login/verify

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the endtoend request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body parameters:

Property Name	Value	Mandatory	Description
---------------	-------	-----------	-------------

Scope	abha-login, aadhaar-irisverify	Yes	Defines the scope of the current action of the API, following are the values that can be used ABHA_LOGIN("abha-login"), ABHA_PROFILE("abha-profile"), AADHAAR_VERIFY("aadhaar-verify"), EMAIL_VERIFY("emailverify"), MOBILE_VERIFY("mobile-verify"), PASSWORD_VERIFY("password-verify"), CHANGE_PASSWORD("change-password"), RE_KYC("re-kyc"), AADHAAR_FACE_VERIFY("aadhaar-face-verify"), AADHAAR_BIO_VERIFY("aadhaar-bio-verify"), AADHAAR_IRIS_VERIFY("aadhaar-iris-verify")
authMethods	iris	Yes	Type of login, following are the values that can be used OTP("otp"), PASSWORD("password"), FACE("face"), BIO("bio"), IRIS("iris")
txnId	txnId	Yes	Transaction Id is Mandatory to identify the unique transaction for ABHA login.
irisAuthPid	Base 64 encoded iris auth PID	Yes	PID value is base 64 encoded which is generated by Iris Device

V3 Request Body:

Request Body

```
{
  "scope": [
    "abha-login",
    "aadhaar-iris-verify"
  ],
  "authData": {
    "authMethods": [
      "iris"
    ],
    "iris": {
      "txnId": "{{txnId}}",
      "irisAuthPid": "{{Base-64-encoded_irisAuthPid}}"
    }
  }
}
```

V3 Response:

Response

Code: 200 OK
<pre>{ "txnId": "ec5d10f4-41c9-4d7e-b857-4a77b04a35b7", "authResult": "success", "message": "Iris verified successfully", "token": "eyJhbGciOiJSUzUxMiJ9.eyJzdWIiOiI5ODcyNjk5MjYwIiwiaWF0Ij0iYmhhLXByb2ZpbGUtYXBwLWFWaSI6N5c3RlbiSI6IjFCSEEtTilslm1vYmIsZSI6Ij4NzI2OTkyNjAiLCJ0eXAiOiJ1cmFuc2ZlciIsImV4cCI6MTcwNzEyMzMywWiaWF0Ij0xNzA3MTIzMDYzfQ.Jn9Xt0UuiVJ61-9paqnr0KWoy9T6pdc2QKQRv5qH6NlCuJcoYq-ch8JVM7xHa6CkgDvT4PZj_ ", "expiresIn": 300, "accounts": [{ "ABHANumber": "91-5568-7073-XXXX", "preferredAbhaAddress": "nilam11@sbx", "name": "Nilam Pratik Jadhav", "gender": "M", "dob": "27-03-1997", "status": "ACTIVE", "profilePhoto": "/9j/zVr7GGNefc7jIEYzjFLKmwZNaotkU4A5qveRooztpXGY3lGe4RNU4kgBSM7j2Fen2MC29vHChJCKFyep964rSYkWcXUzKiqQF8xwgB/vc9QCVHHfHvXbWs8dxAs0EkcsbdHjcMDjjgrXo0YcsTgrT5pBMWWynkX7yxtjnHIFVwvIbY5BuUj589iRzj061dj+YICM5JqNh56O+CcsxBPpk4rUyZFKJ13zQHZE2fKg9Qp7e5x09acl6pco4IOSAQMjg4/MnPHTUdrJ5c/IE8HpVuSBJTuK/OMfOOCMdOaVgRLFKrqGRgynuDmpw3FY32Sa3Km3fl3AHHB2/ /Nzz+WfNfLI/7pJbuXkbY2GxfYtyM9QcZyDRRQtQZWn03U70lprt7WLGPKt2Izxj5j/EcADnPTtWzpOnzRafJJYhZJ0lwVbM anoQAccgBsZx1zRRTa0EpNGfFcRyXE8SRoojYkBGBG3dgy/Nf++gOatDGOKKK82vFRloelSk3HUgcYYnNRR239o38Vpn G/JLegHU/0+poopUopyVx1JNRbQmr+bpV/aRWLRSzRAXmJskAHaQTg5BAUdcZD5ycVJBrUqS+ZqViBjtCm4tC2SA2 4Bh98KPQFs/3T0oor0kজেZnU2ModAwmWbnKsuPmX+E8d8DH1B6dKbp7Smwg81NknLvTH3WlyR+tFFMorz5Vgw6g1 owS70Vs+xoopsMS3Eb5W9qbJFHcgFwcjIDDqAQqf59DRRSGf/9k=", "kycVerified": true }] }</pre>

7.6 Find ABHA

7.6.1 Search ABHA using Mobile

7.6.1.1 Search ABHA

V3 URL: {{base_url}}/v3/profile/account/abha/search

V3 Request: POST **V3**

Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body Parameters:

Property Name	Example Value	Mandatory	Description
scope	search-abha	Yes	Search scope
Mobile	Mobile number	Yes	User mobile number

V3 Request Body:

Request Body
<pre>{ "scope": ["search-abha"], "mobile": "{{Mobile_Encryption}}" }</pre>

V3 Response:

```
[
  {
    "txnId": "d0660ae0-1798-4e42-8e07-33eea4a3824d",
    "ABHA": [
      {
        "index": 1,
        "ABHANumber": "91-5259-8743-XXXX",
        "name": "Narayanan Madaswamy",
        "gender": "M"
      }
    ]
  }
]
```

```

"kycVerified": "true",
"authMethods": [
  "AADHAAR_OTP",
  "MOBILE_OTP",
  "AADHAAR_BIO",
  "DEMOGRAPHICS"
]
}
]

```

7.6.1.2 Generate OTP

V3 URL: {{base_url}}/v3/profile/login/request/otp

V3 Request: POST **V3**

Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body parameters:

Property Name	Value	Mandatory	Description
Scope	abha-login, mobile-verify search-abha	Yes	Defines the scope of the current action of the API, following are the values that can be used ABHA_LOGIN("abha-login"), ABHA_PROFILE("abha-profile"), AADHAAR_VERIFY("aadhaar-verify"), AADHAAR-BIO-VERIFY("aadhaar-bio-verify") AADHAAR-FACE-VERIFY("aadhaar-face-verify") AADHAAR-IRIS-VERIFY("aadhaar-iris-verify") EMAIL_VERIFY("email-verify"), MOBILE_VERIFY("mobile-verify"), PASSWORD_VERIFY("password-verify"), CHANGE_PASSWORD("change-password"), RE_KYC("re-kyc"),
loginHint	index	Yes	Index of ABHA number given in search API response.

loginId	Index_Encryption	Yes	Actual value index generated in search API. This needs to be RSA encrypted using public key
otpSystem	abdm	Yes	Otp system to verify hlu/hip/phr login, following are the values can be used. AADHAAR("aadhaar"), ABDM("abdm"),
txnId	txnId	Yes	Transaction Id is Mandatory to identify the unique transaction for ABHA login.

V3 Request Body:

Request Body
<pre>{ "scope": ["abha-login", "search-abha", "mobile-verify"], "loginHint": "index", "loginId": "{{Index_Encryption}}", "otpSystem": "abdm", "txnId": "{{txnId}}" }</pre>

V3 Response:

Response
Code: 200 OK
<pre>{ "txnId": "775b6a11-ea05-49e2-8661-f9aa855cad34", "message": "OTP sent to mobile number ending with *****6265" }</pre>

7.6.1.3 Verify OTP

V3 URL: {{base_url}}/v3/profile/login/verify

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
---------------	---------------	-----------	-------------

REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accessToken}}	Yes	Token generated from session API

V3 Body Parameters:

Property Name	Example Value	Mandatory	Description
scope	abha-login mobile-verify	Yes	Defines the scope of the current action of the API
authMethods	"otp"	Yes	Defines the authentication method used for enrolment, following are the values that can be used OTP("otp"), PI("pi"), FACE("face") BIO("bio") IRIS("iris")
txnId	"3585baee-eab3-4651-b2cb215ee4f4d181"	Yes	Transaction Id is Mandatory to identify the unique transaction for ABHA enrollment. This chains all the steps to enroll ABHA. Transaction Id will be returned after a successful OTP transaction.
otpValue	Encrypted OTP value	Yes	Otp received on mobile should be encrypted first

V3 Request Body:

Request Body
<pre>{ "scope": ["abha-login", "mobile-verify"], "authData": {"authMethods": ["otp"], "otp": { "txnId": "{{otpTxnId}}", "otpValue": "{{rsaOtpEncryptionOutput}}" } } }</pre>

V3 Response:

Response
200 OK

[illegible]

Gz3jSoTtKv29+IehaL4nTUMJIMEgfMRjB759vf3rxNZACDjmtSx1a4snDRu20NuKk0nED32Mh1BU5GM5qXGK5Twh4pg1mP7K6mO7ReV5wwwHGRn+VdeF4rN6Cl8e1AqXbmkK47UANCObakC0u2i4HmMn3jUdPmyJDxTBSGLS0lGaAlrq4S2geWRGqK MkmvPNW1P7fdM6AilcKD1rd8Xagu1bJHOeGfB/IVx7cn5fxqorqAE/NmlwD3ojjaRtqjn1rQj01m6559Ku41FsoBSTtBOB60w xsPcV0cGkqpUsefpVoaZGw5QADqTKi1TZy0YkXkA4pxXkHOCv1Uelx7vmUY+ITDRosHCcH2p3D2bOVUjB7U4S4PA5rTu9HaB iyDI9Ky8MmVlwfCuyGmtzV0/UpbW5SRZHjBPLISDjvzXsPhrxZyJCYTOyyq2AJW5Yex714TuKnJzVy3lyC245FS1cR9LDDDDjmlx XJ/D7Vm1HQfJlLz2zbG3HJ2nkH+Y/CuurMQm2lxSqOaftoA8suhiSq9X79Nrk1n0MYtI7bVJoprjK4oA821NzPdyuzZYsTms9AX clOpOK2NcjSG+dBnb165qnpNv5lxv14FaLYaVzTtLJYkHc9zWnFEBiokGOMVct4yT0qZHRBFikIHGRVvyl2AYpl1KKBU689qzNBi QAHmrJiUR8DmmqpJ4FSmM7a0iSzNnjGTms65tI5hyozWxNGTkvUMRnAnqchc27W+4HkZ4pIFIA4wvrW5qlurxkEYPUVvKR s20lvKA9PWTec8lZne/DiaWDW1SNvkmRg6no2ASK9fAyK8v8AAMa3t5A8ccUP2RckA5Lkjb9TXqK5xzWUtyBQKWilqQPMt RYFjWYTV/UM+ZWfjFNjDNLsgjOOKAOE8TwwGG/bIO1yWU/WnaVElrMzNgA1seKrdZrHzgw3RdvYkVI2kfnaXbpna5z+Zq09C o7if2hEjHmrrrGXAERwO+aIdDhkOGUC9wa0YtF0j4mU47bqdl1NfeltnclD9FwavrF6DNYsNxFYyBAygHoQa1rO8jeXazZX2 qHYOV+pDdPNbnclZz61mnXLpGktCp5xgZro7ualpwAynoKw5760VsMglB5G3NWMiJkQwasZT/AKps+wqOO/YPIRCVJ4lrVs9 S0x4cK6qc4C7lB/LOac6W8xyu049etEmrCSfco3NulxavgckcGuRIMdwQO1d0sWxcDp9a5PUbfy72VOh3ZHHY0oEVEdr8M4 3k1x5Qfl+zsSFPgdyj/wCv+FetjpXNeB9Jj03w3aMi/PPGsrN655H866cCpk9TIAKXFKBTtSB5hqqhCSeKwpLyJScsK3dXjLqXnc bOpVyDRJ2KSUXZNSjX7oJNU5r+WTgfkPaqxpUoam7KsMnBmiZWJORikgt2jsUCj7o7/WnnpTpEeSJFOXCKuBcUvOa89wVu2 kWHB5UEgHsTjmodMRtPvTc3O2WGMk43Fd/UDryOuemeO1aEMUqrtK8VDqMH7pWlwo61opW2KcL7mPJ59/qJlMQTKZ JO0dhmuqOyNo9u6RSe4FZmnWT3GBEmc9cCuq03SS4AJ2jua16mklkU8UkiZifBqhb289tJkhWOQsQuikXsfoRW5NaPbk7QS BTliWSIEj8aluw3G5hWHh6OynF0dk5wcRyDK56cj6VJHbNBm0hP3jnYOFHOHatXyG3bQ3FSjTlxktk05SuSoWKQbcOBisUrN p9TiEY5KBmPpzXRG2VB0pptwXmM0dm36c1EXZkyjFQ9L0SS3m0e0Nsu2ERhVXGMY4x+laYFc94Mt3h0MF+kkhZee2AP5g 10YFI5pKzsJilxSjrS4oJPO72HFha4rUoCkrCv6C6bgRiua1mxJBYCm0WmcefskPFTTRIGoahrMsbv61ddi+wqjUkTYwKuG5Udz UK+Y3HSi4tVulGhY4DDt2ptvJkYzUdxc+WDydx9K0aNkyGz2WNo0Uk0cciE4Ynhhmt7R9ak+zhIdXSlcMmfUcjNcm0Us8gcrkf yrXtS8UW1InLEY+WnYnmfQ0hqmqox3rCYW7Wp5GAd1WoJ1DEDck5qoltcNEDJEB7ZGRTo0mibpxQ0NSfU00iB5IpZFKimRT cDdwfens4bipehaaZASSuDTJLnyk8v+8P5U6RhuwKjdCyZP3c4qTnvXQ9VsLYWljBbjB8tAplGMnuatAVHbv5tvfj/eQH9KnAp HlxoFPAoAp1AjhhUFzbrNGQRU4p1UxnD6rphRiwFc/LGUy8V6fc2aTocjmuN1rThbsSBUNFJnOkUD07inEYpKulZRYtpsNhqS

SRAXeToOnrVUPTfI61lrKzbmPFbmlwguPj/kiT2+Y4rVgt7hVDS6K3BFZq53AgjFWVklJEmMegp3KTsa4juzGP3qBR371E813E +I8SGkt/tGcG4GPRhV7awPzEH3FDC6YyGeZ12zRhX9Qc1Nu/OmuV2e4qJXPTNTJCTsWO4NddoHh21u9Phu52KjdidgOAQDj B/KuShja4mjhgXdgq/U8V6taW62tpDbqSVjQlCe+B1rN6GU5W2LCrgAdoKeBSAU6pMgoopaAOEFOPgNI80cYyzAfU1QEW PFc14kTMRNXrrX7S3BG8MR2FcxqutG+yqrrhaTY0jDbrTcVIRSbagOK8i4OaargHB6VZZPIOapkZyG9a3pu6GWkcFavWSwq+SB2r

JUlTg8VetpIVD8+CRxVjUjatXjce1TMwRetYsMxQevvU4uSx6En9KdhXL7SHFlrZOarhmOMkY96fHI2wPu+tSwua+jP8A8TizY9 BOn/oQr1leleRWEgt762kP3Y5FY/QGvU7LUbe7jV43zb+tZMiaLwp1NHNOqSapaBS0AeLXXic8iEGsa41O5uSd8hA9BVOIFDZ oogSSeeaMU9I2dsKpJ9q0bfS3fBfnPYf1NEYt7DuZqRs5woJpTvhLF8bnlUAZPeugj0xIUxcOT0VR1q39iAv0q95ZeeOa2VDuLm OI123spbs3jjKmf5mdhztz0HpURi39ua6TxPp5ks7S8CnNvJhvQK2Bn8wo/GsQJhs461Tjy7Fx1KhR14bketPjChuhBHtV3yQw6 U5LbPbn2pXHykUeMcAn8KsBJGwcY+tWILcDopq9FCvcUXHyLOG0eVstzV8QrEOmTVkAKnygCoipY+tJsrlsV2PBjY8IzSvzc2D uWh2B4lz9w55A9ulZkkZi6V1ngvSXVJtQkBAIAWMEdVHf86fVVK3YzqGvaajPbny5T5gBwvcjK+tbdvxc3C5Rvw71h3K5bKB QXO4+4HA/PPFPVQp3BijCqIQXQxOhFLWVb6kyELOMjswrTjlsRQyMCK55QcdxHzxDbzttjzJ7CtW30Rzhp2x/siukgtRGgVFCr 6AYqwl+duK6Y4dbsrmMq2soocCOIfVhn9K0UhWGPzH7dM1ejsGE34xVCctPcbBnaOK2UFFCfTYWmlMzD6D0FTbR9oYcZ+m auwx+XBhfSmW1oDlMpZEs5quUCCeyiuYZLeQZilXacjpn+tcLdWM1hdPbzKdy/dbGA47Ef59q9MEYxgkZHpvLUdHh1a3Cuds i/6uTHKn/D2qZ07rQqMrM4CNTirMSgEZFXrvQL/TnPmRGSLtJGMjHuO1QRrXJJNaM3TTJOItOqWCo6CokWp1UAZPAHepLG 8scVKkdW7TTbu75t7d2Xj5iML+Z4rqNN8KRR7ZL9lIbr5Q+4Pr6/y9q0jTllmU0jG0Xw82pss8oltOvvJ9Pb3rsZQkaC3QAko+Y9 Ao9P8/4VO8gQbIglMDq/YVvXlyDOsCEhfvMe5NdkIKCOeUm2RTsrXgOMDHAq0FyMjtVsDn06SDpV6LbjqR+NO2pJvdtuJHH

65pY5TC42C0Z79wamITB6k1CyAjdgaUop7iOckIjcnH0zVuxtDlFMZeD0yKjtoHvLjp8inGfWtSWYQRinQOPQVcv1ArahOIISi4 BPA4qjZQ7sHGS9Q3swe4WMEIm7Zrd0y08tQZOCR3oerGMktx5YwcD0NUzG4k8uNyMntWreSlgPTGOoNyn2l3kKWq5bp LdhQ0glcggtAqLI5W6kmr8BWQD5dpA/OotP0whvMmyzHqTWtKkccOxdqg9eOaaQEliBPknJ6HFRyaZYXR/fwQOW6EoCarx XLPcyKhyi/lmrCXT7yBjavXC9TQ0mAv8AYemKeLG3+mwVbgs7G0UCO2t4sn+BAM0sTulvNkjTn7oxUlxdZrYysAvoAOp7Clyrs F2TLtYjYrE/TaphZS2GfJHVU7fU1UnnlitB5jEyP1GensKZHuhtS5PzNzTSiY87XF5sRiscfAUVVuEJvVY4xjHHFPscti7Z5zUt0mAj 8Ek+tlZJ5KIAC4FMQnGcYI96sRnlccH6VExEc5XC880WAVtxPA69yKhaNgcNBFWIBK5zg+1RMhJIOe9OwjNSOKxtVCR85FZt 9epBCZnGccAdyfSiinLRAGh6XJK7XlyMSSHIBHQdq3ry5js4cO30oooStG4GEBcapKBhkh6AdzW5YaVhbqG2nPvRRSir6sZpO6 xx9s9qybi4YozPxRRVMRTtBiNifvMeprVsLU8MwBFFFSgNN/LVdzkALWFdXJu9UhQAmNDuwaKKHsBamUyzpvDECn3JVizJO AOM0UVQEWNjZiOCasXgymMA0UVlx1p80W7JqO8TZtcHJB5zRRTAkifl4PW0sAwOQwx6ZoooEf/2Q=="

}

]

}

7.6.2 Search ABHA using Aadhaar

7.6.2.1 Search ABHA

V3 URL: {{base_url}}/v3/profile/account/abha/search

V3 Request: POST **V3**

Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{\${isoTimestamp}}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accessToken}}	Yes	Token generated from session API

V3 Body Parameters:

Property Name	Example Value	Mandatory	Description
scope	search-abha	Yes	Search scope
Mobile	Mobile number	Yes	User mobile number

V3 Request Body:

Request Body
<pre>{ "scope": ["search-abha"], "mobile": "{{Mobile_Encryption}}" }</pre>

V3 Response:

```
[
  {
    "txnId": "d0660ae0-1798-4e42-8e07-33eea4a3824d",
    "ABHA": [
      {
        "index": 1,
        "ABHANumber": "91-5259-8743-XXXX",
        "name": "Narayanan Madaswamy",
```



```

        "gender": "M",

        "kycVerified": "true",

        "authMethods":

        [
            "AADHAAR_OTP",
            "MOBILE_OTP",
            "AADHAAR_BIO",
            "DEMOGRAPHICS"
        ]

    }

}

]

```

7.6.2.2 Generate OTP

V3 URL: {{base_url}}/v3/profile/login/request/otp

V3 Request: POST **V3**

Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{\${isoTimestamp}}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body parameters:

Property Name	Value	Mandatory	Description
---------------	-------	-----------	-------------

Scope	abha-login, aadhaar-verify search-abha	Yes	Defines the scope of the current action of the API, following are the values that can be used ABHA_LOGIN("abha-login"), ABHA_PROFILE("abha-profile"), AADHAAR_VERIFY("aadhaar-verify"), AADHAAR-BIO-VERIFY("aadhaar-bio-verify") AADHAAR-FACE-VERIFY("aadhaar-face-verify") AADHAAR-IRIS-VERIFY("aadhaar-iris-verify") EMAIL_VERIFY("email-verify"), MOBILE_VERIFY("mobile-verify"), PASSWORD_VERIFY("password-verify"), CHANGE_PASSWORD("change-password"), RE_KYC("re-kyc"),
loginHint	index	Yes	Index of ABHA number given in search API response.
loginId	Index_Encryption	Yes	Actual value index generated in search API. This needs to be RSA encrypted using public key
otpSystem	aadhaar	Yes	Otp system to verify hiu/hip/phr login, following are the values can be used. AADHAAR("aadhaar"), ABDM("abdm"),
txnId	txnId	Yes	Transaction Id is Mandatory to identify the unique transaction for ABHA login.

V3 Request Body:

Request Body
<pre>{ "scope": ["abha-login", "search-abha", "aadhaar-verify"], "loginHint": "index", "loginId": "{{Index_Encryption}}", "otpSystem": "aadhaar", "txnId": "{{txnId}}" }</pre>

V3 Response:

Response
Code: 200 OK

```
{
  "txnId": "775b6a11-ea05-49e2-8661-f9aa855cad34",
  "message": "OTP sent to Aadhaar registered mobile number ending with
*****6265"
}
```

7.6.2.3 Verify OTP

V3 URL: {{base_url}}/v3/profile/login/verify

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accessToken}}	Yes	Token generated from session API

V3 Body Parameters:

Property Name	Example Value	Mandatory	Description
scope	abha-login aadhaar-verify	Yes	Defines the scope of the current action of the API
authMethods	"otp"	Yes	Defines the authentication method used for enrolment, following are the values that can be used OTP("otp"), PI("pi"), FACE("face") BIO("bio") IRIS("iris")
txnId	"3585baee-eab3-4651-b2cb215ee4f4d181"	Yes	Transaction Id is Mandatory to identify the unique transaction for ABHA enrollment. This chains all the steps to enroll ABHA.
			Transaction Id will be returned after a successful OTP transaction.
otpValue	Encrypted OTP value	Yes	Otp received on mobile should be encrypted first

V3 Request Body:

Request Body

```
{
  "scope": ["abha-login", "aadhaar-verify"],
  "authData": {"authMethods": ["otp"],
    "otp": {
      "txnId": "{{otpTxnId}}",
      "otpValue": "{{rsaOtpEncryptionOutput}}"
    }
  }
}
```

V3 Response:

Response
200 OK

```
{
  "txnId": "775b6a11-ea05-49e2-8661-f9aa855cad34",
  "authResult": "success",
  "message": "OTP verified successfully",  "token":
  "eyJhbGciOiJSUzUxMiJ9.eyJpc0t5Y1ZlcmImaWVkljP0cnVILCJzdWiiOiI5MS0xMzc2LTcwMDYtNTI1OSIsImNsaWVudElkljoIY
WJoYS1wcm9maWxILWFwcC1hcGkiLCJzeXN0ZW0iOiJBQkhBLU4iLCJhY2NvdW50VHlwZSI6InN0YW5kYXJkIiwibW9iaWxIj
oiOTk5OTI2NjI2NSIsImFiaGF0dW1iZXliOiI5MS0xMzc2LTcwMDYtNTI1OSIsImByZWZlcnJlZEfiaGFBZGRyZXNzIjoIOTExMzc2N
zAwNjUyNTIAC2J4IiwidHlwIjoIbWVhbnNhY3Rpb24iLCJleHAiOiE3MjEzODkyNDgsImhdCI6MTcyMTM4NzQ0OCwidHhuSW
QiOiI3NzViNmExMS1YTA1LTQ5ZTI0ODY2MS1mOWFhODU1Y2FkMzQifQ.Bw0NXK2Z1AbCDrehPT8fEcCbNOCJGYBUx2eVf
zMm11RVK85OxoeGaZPKYc2hlke3wtFkv_BHt45Cfhr-
2Cncb73Kto9NFxPV8M9r9C1NnVlVxb7beAjHHCTrNS0XW4bID3EdVWllkRwbRSA4HOKBpNphCbth5IG9f8NFyd0Aovp4fv
AJgOi2sTo5JDJdg5GweeSYZSXqQNKK1oDCq_UcuuDG3-
P4gfl1r6K3QKPBecHF1mmet7iSjopRDPuQuSuvZfG7k1QoDitV2RzXTY-
F9_Em9QmlvzbNjXvBz5T42DZBZa4QTcdBw9KqJwIBLsL_oCx1QEHDdHh1_VH8YO_KmkqIMWpYto09ix34xiZh8LIQKFLFboF
PtndwL9Y6Ucl35zeTNQI9GSI7x3CKQlJmGv_ICRyWZXBXDELUPeB2d2fiwQmaPkXTvNnTbGwEi0H8Qv--n-L4-
pERFbmAXqsO4PGf2aRrzz1AOAbJXE1VaVQJP3rOysXL71pTRL8ELF6kmq8tRE_nwBbYI7BQRnHPZ6StGS7cm9C1VYZpyVy22
qX6YsIGAmlosTwOcB-
96dEri31WXZRGtYSV_74iNDCBZ3CDUMbBLjtGIRf7UZhmB8Xlx8nuF7qt0WnNtwqolAtdcQtRWZA3S8BRDiTsIYfjFHVmNSvP
d5n3u_rBD-kml",  "expiresIn": 1800,  "refreshToken":
  "eyJhbGciOiJSUzUxMiJ9.eyJzdWiiOiI5MS0xMzc2LTcwMDYtNTI1OSIsImNsaWVudElkljoIYWJoYS1wcm9maWxILWFwcC1hc
GkiLCJzeXN0ZW0iOiJBQkhBLU4iLCJ0eXAiOiJSZWZyZXNoliwiZXhwIjojNjgzNDQ4LCJpYXQiOiE3MjEzODc0NDh9.WKYqR
LsamNnDCfXU2OqWUHYzeoe_TnI9IL16Y62kdZByuBIhwc9nw8KD6M_xZjEmy8aEnGTmwoQPRq4bl1OLiy7m9Dqlbq4fDo_
LsDHikWFqhvNSgNSLD04RQ2TiMOnXkrjOUUpF3TgvUeoVOpFi8Q55fLLRFgN5Tuzay0xVyFMZYL-
KW38_h1OU2KyMjErSjrR2su7XdUc0rxMsoDnRGyvZvJW1iRgUfG00WahT4HpMa1rrYHhOQOEi8RM92zvycjTj4kxwB4HJra
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1y3DnTjITomgGmn5ym3DI_IHFe0uqQKAAnaLrMFPjvAFxg19bVGN0ipEKDgmyV5reJo2TDPULjsl8Kis8f9-
PVo03cQxJ7krOXc8bqmkqilYINdC-JcwDxZE8m5SYVSISnbQK7HGLHWZuuPnyp1-
SiWT1JtUcdJ0CzGOSOVAltmTSdqqtWV5p8HguO9jNh6znXrrZy0BHzMtY4D5Z169dqCU76ULXtLyATQBSFPF7AHRsQcAiJ4jHU-
NSYsbJSzgD2ryq78pK14LXA-N_Dcohp80Qsd_2f7H_fs2csRglZL3A-
zqyunUId0ekfv2onySSGYOLib4Iz30Nb8IfM-Ysrm4JT3SkVPu_QgKZ00NNM62ZwduufrICdfeCDJboH67zQQQ",
  "refreshExpiresIn": 1296000,
```

[illegible]

```
BPA4qjZQ7sHGSe9Q3swe4WMEIm7Zrd0y08tQZOCR3oerGMktx5YwcDONUzG4k8uNyMntWreSigPTGOoNYn2I3kKWq5bP
LdhQ0gLCggtAqLI5W6kmr8BWQD5dpA/OotP0whvMmyzHqTWtKkccOxdqg9eOaaQELiBPKnJ6HFRyaZYXR/fwQOw6EoCarx
XLpCyKhyi/ImrCXT7yBjavXC9TQ0mAv8AYemKeLG3+mwVbgs7G0UCO2t4sn+BAM0sTulvNkjTn7oxUlxdfZrYysAvoAOp7Clrys
F2TLtYjYrE/TaphZS2GfJHVU7fU1UnnlitB5jEyP1GensKZHuhtS5PzNzzTsiY87XF5sRiscfAUUVVuEjvVY4xjHHFPsctI7Z5zUt0mAj
8Ek+tIzJ5KIAC4FMQnGcYI96sRNlccH6VExEc5XC880WAVtxPA69yKhaNgcnBFWIBK5zg+1RMhJIOOe9OwjNSOKxtVCr85Fzt
9epBCZnGccAdyfSiinLRAGh6XJK7XlyMSSHIBHQdq3ry5js4cO30oooStG4GEBcapKBhkh6AdzW5YaVHbqG2nPvRRSir6sZpO6
xx9s9qybi4YozPxRRVMRTtBiNifvMeprVsLU8MwBFFFSgNN/LVdzkALWFdXJu9UHQAmNDuwaKKHsBamUyzpvDECn3JvlzJO
AOM0UVQEWnjZiOCasXgymMA0UVIx1p80W7JqO8TZtcHJB5zRRTAkifl4PW05AwOQwx6ZoooEf/2Q=="
}
]
}
```

7.6.3 Search ABHA using Biometrics

7.6.3.1 Search ABHA using Biometric (Face)

7.6.3.1.1 Search ABHA

V3 URL: {{base_url}}/v3/profile/account/abha/search

V3 Request: POST **V3**

Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{\${isoTimestamp}}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body Parameters:

Property Name	Example Value	Mandatory	Description
scope	search-abha	Yes	Search scope
Mobile	Mobile number	Yes	User mobile number

V3 Request Body:

Request Body

```
{
  "scope": ["search-abha"],
  "mobile": "{{Mobile_Encryption}}"
}
```

V3 Response:

```
[
  {
    "txnId": "d0660ae0-1798-4e42-8e07-33eea4a3824d",
    "ABHA": [
      {
        "index": 1,
        "ABHANumber": "91-5259-8743-XXXX",
        "name": "Narayanan Madaswamy",
        "gender": "M",
        "kycVerified": "true",
        "authMethods": [
          "AADHAAR_OTP",
          "MOBILE_OTP",
          "AADHAAR_BIO",
          "DEMOGRAPHICS"
        ]
      }
    ]
  }
]
```

7.6.3.1.2 Generate OTP

V3 URL: {{base_url}}/v3/profile/login/request/otp

V3 Request: POST V3

Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{IsoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body parameters:

Property Name	Value	Mandatory	Description
Scope	abha-login, aadhaar-face-verify search-abha	Yes	Defines the scope of the current action of the API, following are the values that can be used ABHA_LOGIN("abha-login"), ABHA_PROFILE("abha-profile"), AADHAAR_VERIFY("aadhaar-verify"), AADHAAR-BIO-VERIFY("aadhaar-bio-verify") AADHAAR-FACE-VERIFY("aadhaar-face-verify") AADHAAR-IRIS-VERIFY("aadhaar-iris-verify") EMAIL_VERIFY("email-verify"), MOBILE_VERIFY("mobile-verify"), PASSWORD_VERIFY("password-verify"), CHANGE_PASSWORD("change-password"), RE_KYC("re-kyc"),
loginHint	index	Yes	Index of ABHA number given in search API response.
loginId	Index_Encryption	Yes	Actual value index generated in search API. This needs to be RSA encrypted using public key
otpSystem	aadhaar	Yes	Otp system to verify hiu/hip/phr login, following are the values can be used. AADHAAR("aadhaar"), ABDM("abdm"),
txnId	txnId	Yes	Transaction Id is Mandatory to identify the unique transaction for ABHA login.

V3 Request Body:

Request Body
<pre>{ "scope": ["abha-login", "search-abha", "aadhaar-face-verify"], "loginHint": "index", "loginId": "{{Index_Encryption}}", "otpSystem": "aadhaar", "txnId": "{{txnId}}" }</pre>

V3 Response:

Response
Code: 200 OK


```
{
  "txnId": "775b6a11-ea05-49e2-8661-f9aa855cad34",
  "message": "FACE authentication request successfully sent. "
}
```

7.6.3.1.3 Verify OTP

V3 URL: {{base_url}}/v3/profile/login/verify

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body Parameters:

Property Name	Example Value	Mandatory	Description
scope	abha-login aadhaar-face-verify	Yes	Defines the scope of the current action of the API
authMethods	"face"	Yes	Defines the authentication method used for enrolment, following are the values that can be used OTP("otp"), PI("pi"), FACE("face") BIO("bio") IRIS("iris")
txnId	"3585baee-eab3-4651-b2cb215ee4f4d181"	Yes	Transaction Id is Mandatory to identify the unique transaction for ABHA enrollment. This chains all the steps to enroll ABHA. Transaction Id will be returned after a successful OTP transaction.
faceAuthPid	Generated FaceAuthPid Value	Yes	Face auth pid can be generated from the Biometric systems

V3 Request Body:

Request Body

```
{
  "scope": ["abha-login", "aadhaar-face-verify"],
  "authData": {"authMethods": ["face"],
    "face": {
      "txnId": "{{otpTxnId}}",
      "faceAuthPid": "{{faceAuthPid}}"
    }
  }
}
```

V3 Response:

Response
200 OK
{ "txnId": "775b6a11-ea05-49e2-8661-f9aa855cad34", "authResult": "success", "message": "FACE verified successfully ", "token": "eyJhbGciOiJIUzUxMiJ9.eyJpc0t0Y1ZlcmImaWVkljP0cnVlLCJzdWIiOiI5MS0xMzc2LTcwMDYtNTIwOSIsImNsaWVuZElkIjoieyJmOjY1wcm9maWxlLWFwcC1hcGkiLCJzeXNOZW0iOiJBQkhBLU4iLCJhY2NvdW50VHlwZSI6InN0YW5kYXJkIiwibW9iaWxlljoiOTk5OTI2Njl2NSIsImFiaGFodW1iZXliOiI5MS0xMzc2LTcwMDYtNTIwOSIsbnByZWZlcmlJZEFlaGFGBZGRyZXNzljoiOTExMzc2NWAwNjUyNTIAC2J4liwidHlwljoiVHJhbnNhY3Rpb24iLCJleHAiOiE3MjEzODkyNDgsImhhdCI6MTcyMTM4NzQ0OCwidHhuSWQiOiI3NzViNmExMS1YTA1LTQ5ZTI0ODY2MS1mOWFhODU1Y2FkMzQifQ.Bw0NXK2Z1AbCDrehPT8fEcCbNOCJGYBUx2eVfzMM1lRVK85OxeoGaZPKYc2hIke3wtFkv_BHT45Cfhr-2Cncb73Kto9NFxpV8M9r9C1NnVLvXb7beAjHHCTrNS0XW4bID3EdVWIlkRwbRSA4HOKBpNphCbth5IG9f8NFyd0Aovp4fvAJgOi2sTo5JDldg5GweeSYZSXqQNKK1oDCq_UcuuDg3-P4gfL1r6K3QKPbEcHF1mmet7iSjopRDPUQuSuvZfg7k1QoDitV2RzXTY-F9_Em9QmlvzbNJXvBz5T4DZBZA4QTcdBw9KqJwlBsL_oCx1QEHDdHh1_VH8YO_KmkqlMWpYto09ix34xiZh8LIQKFLFboFPtndwL9Y6Ucl35zeTNQI9GSI7x3CKQIjmGv_ICRYWZXBDELUPeB2d2fiwQmaPkXTvNtbGWEiOH8Qv--n-L4-pERfbmAXqsO4PGf2aRrz1AOABJXE1VaVQP3rOysXL71pTRL8ELF6kmq8tRE_nwBbYI7BQRnHPZ6StGS7cm9C1VYZpyVy22qX6YslGAmlOsTwOcB-96dEri31WXZRgTYSV_74iNDCBZ3CDUMbBLjtGIRf7UZhmB8XIx8nuF7qt0WnNtwqolAtdcQtRWZA3S8BRDIstlyfHfHVmNsVpd5n3u_rBD-kml", "expiresIn": 1800,

"eyJhbGciOiJIUzUxMiJ9.ejYzdWliOiI5MS0xMzc2LTcwMDYxNTI1OSIsImNsaWVudElkIjoieWJoYS1wcm9maWxLWFwC1hcGkiLCJzeXN0ZW0iOiJBQkhBLU4iLCJ0eXAiOiJSZWZyZXNoliwiZXhwIjoxNzlyNjgzNDQ4LCJpYXQoIjE3MjEzODc0NDh9.WKYqRLsamNnDCFXU2OqWUHYzeoe_Tnl9IL16Y62kdZByuBilhwc9nw8KD6M_xZjEmy8aEnGTmwoQPRq4bl1OLiy7m9Dqlbq4fDo_LSDHikWFqhvnSgNSLD04RQ27tIMONXkrJOUpF3TgvUeoVOPfi8Q55fLLRFgN5TuzayOxVyFMZYL-KW38_h1OU2KyMjErSjrR2su7XidUcOrxMsoDnRGyVzVJW1rIgUfGO0WahT4HpMa1rrYhHOQOEi8RM92zvycjTj4kxwB4HJraK4XHmFwHAQL_WddrM940c1-1y3DnTjITOmGmn5ym3DI_IHFfeOuqKAAAnaLrMFpJvAFxg19bVGN0ipEKDgmyV5reJo2TDPULjsl8Kis8f9-PVo03cQxj7krOXc8bqmqkqilYINdC-JcwDxZE8m5SYVSISnbQK7HGLHWZuuPnyp1-5iWT1jtUcdJ0CzGOSOVALtmTSdqqtWV5p8HguO9jNh6znXrrZy0BHzMtY4D5Z169dqCU76ULXtLyATQBSFPF7AHRScqAiJ4jHU-NSYsbjSgzD2ryq78pk14LXA-N_Dcohp80Qsd_2f7H_fs2csRgiZL3A-

```
"refreshExpiresIn": 1296000,
```

 $\{$

```
"preferredAbhaAddress": "narayananxxx@sbx",
```

"ACTIVE", "profilePhoto":

[illegible]

+l8SGkt/tGcG4GPRhV7awPzEH3FDC6YyGeZ12zRhX9Qc1Nu/OmuV2e4qJXPTNTJCTsWO4NddoHh21u9Phu52kJdidgOAQDj

B/KuShja4mjhjGXdgq/U8V6taW62tpDbqSVjQICe+B1rN6GU5W2LCrgADoKeBSAU6pMgoopaAOEF0pgNI80cYyzAfU1QEw

```

Pfc14kTMRNXrrX7S3BG8MR2FcqxutG+yqrhaTY0jDbrTcVIRSbag0K8i4OaargHB6VZZPIOapkZYg9a3pu6GWkcFavWSq+SB2r
JUIt8gVetplVD8+CRxVjUjatXjce1TMwRetYsMxQevvU4uSx6En9KdhXL7SHFIRZOarhmOMkY96fHl2wPu+tSwua+jP8A8TizY9
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6AYqwl+duK6Y4dbstrmMq2soocCOIfVhn9K0UhWGPzH7dM1ejsgE34xVCctPcbBnaOK2UFFCftYWmlMzD6D0FTbR9oYcZ+m
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8scVKkdW7TTbu75t7d2Xj5iML+Z4rqNN8KRR7ZL9llbr5Q+4Pr6/y9q0jTllmU0jG0Xw82pss8oItOvvJ9Pb3rsZQkaC3QAko+Y9
Ao9P8/4VO8gQblgMDq/YVxKlyDOsCEhfvMe5NdKIKCOUm2RTsrXgOMDHAq0FyMjtVSdN06SDpV6LbjqR+NO2pJvdtJHH
65pY5TC4ZC0Z79wamlTB6k1CyAjgdaUop7iOckIJcnH0zVuxtDlMZeD0yKjtoHvLjp8inGfWtSWYQRiNQOPQVcV1ArahOIISi4
BPA4qjZQ7sHGSe9Q3swe4WMEIm7Zrd0y08tQZOCR3oerGMktx5YwcD0NUzG4k8uNyMntWreSlgPTGOoNYn2l3kKWq5bP
LdhQ0glCggtAqLI5W6kmr8BWQD5dpA/OotP0whvMmyzHqTWtKkccOxdqg9eOaaQELiBPKnJ6HFRyaZYXR/fwQOW6EoCarx
XLpCyKhyi/lmrCXT7yBjavXC9TQ0mAv8AYemKeLG3+mwVbgs7G0UCO2t4sn+BAM0sTulvNkjTn7oxUlxdZrYysAvoAOP7Clyrs
F2TLtYjYrE/TaphZS2GfJHVU7fU1UnnlitB5jEyP1GensKZHuhtS5PzNzzTsIY87XF5sRiscfAUUVVuEjvVY4xjHHFPsctI7Z5zUt0mAj
8Ek+tlZJ5KIAC4FMQnGcYI96sRNlccH6VExEc5XC880WAVtxPA69yKhaNgcnBFWlBK5zg+1RMhJIOe9OwjNSOKxtVCr85Fzt
9epBCZnGccAdyfSiinLRAGh6XJK7XlyMSSHIBHQdq3ry5js4cO30oooStG4GEBcapKBhkh6AdzW5YaVHbqG2nPvRRSsir6sZpO6
xx9s9qybi4YozPxRRVMRTtBiNifvMeprVsLU8MwBFFFSgNN/LVdzkALWFdXJu9UHQAmNDuwaKKHsBamUyzpvDECn3JVIzJO
AOM0UUVQEWnjZiOCasXgymMA0UVlx1p80W7JqO8T2tzcHJB5zRRTAkifi4PW0sAwOQwx6Zoo0Ef/2Q=="
}
}
}
}

```

7.6.3.2 Search ABHA using Biometric (Fingerprint)

Note : List of UIDAI-approved biometric devices

- <https://uidai.gov.in/en/ecosystem/authentication-devices-documents/biometric><https://ind01.safelinks.protection.outlook.com/?url=https://uidai.gov.in/en/ecosystem/authentication-devices-documents/biometric-devices.html&data=05|02|Kushal.Pandita@ltimindtree.com|022d6e5cc5ca4c50ddc708dd93aaf31c|ff355289721e4dd7a663afec62ab9d54|0|0|638829084605444457|Unknown|TWfPbGZsb3d8eyJfBxBOeU1hcGkiOnRydWUslYiOilwLjAuMDAwMCIslAIoiJXaW4zMilslkFOljoitWFpbiClldUljoyfQ==|0||&sdata=l/nQjzqQwmHiwJj++2ueol9Tlnbz1iunxdtKxwPjPLQ=&reserved=0>[devices.html](https://uidai.gov.in/en/ecosystem/authentication-devices-documents/biometric-devices.html). (Kindly note that the list is updated by UIDAI periodically.)

7.6.3.2.1 Search ABHA

V3 URL: {{base_url}}/v3/profile/account/abha/search

V3 Request: POST **V3**

Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction

TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accessToken}}	Yes	Token generated from session API

V3 Body Parameters:

Property Name	Example Value	Mandatory	Description
scope	search-abha	Yes	Search scope
Mobile	Mobile number	Yes	User mobile number

V3 Request Body:

Request Body
<pre>{ "scope": ["search-abha"], "mobile": "{{Mobile_Encryption}}" }</pre>

V3 Response:

```
[
  {
    "txnId": "d0660ae0-1798-4e42-8e07-33eea4a3824d",
    "ABHA": [
      {
        "index": 1,
        "ABHANumber": "91-5259-8743-XXXX",
        "name": "Narayanan Madaswamy",
        "gender": "M" ,
        "kycVerified": "true",
        "authMethods":
          [
            "AADHAAR_OTP",
            "MOBILE_OTP",
            "AADHAAR_BIO",
            "DEMOGRAPHICS"
          ]
      }
    ]
  }
]
```

7.6.3.2.2 Generate OTP

V3 URL: {{base_url}}/v3/profile/login/request/otp

V3 Request: POST **V3**

Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body parameters:

Property Name	Value	Mandatory	Description
Scope	abha-login, aadhaar-bio-verify search-abha	Yes	Defines the scope of the current action of the API, following are the values that can be used ABHA_LOGIN("abha-login"), ABHA_PROFILE("abha-profile"), AADHAAR_VERIFY("aadhaar-verify"), AADHAAR-BIO-VERIFY("aadhaar-bio-verify") AADHAAR-FACE-VERIFY("aadhaar-face-verify") AADHAAR-IRIS-VERIFY("aadhaar-iris-verify") EMAIL_VERIFY("email-verify"), MOBILE_VERIFY("mobile-verify"), PASSWORD_VERIFY("password-verify"), CHANGE_PASSWORD("change-password"), RE_KYC("re-kyc"),
loginHint	index	Yes	Index of ABHA number given in search API response.
loginId	Index_Encryption	Yes	Actual value index generated in search API. This needs to be RSA encrypted using public key
otpSystem	aadhaar	Yes	Otp system to verify hiu/hip/phr login, following are the values can be used. AADHAAR("aadhaar"), ABDM("abdm"),
txnId	txnId	Yes	Transaction Id is Mandatory to identify the unique transaction for ABHA login.

V3 Request Body:

Request Body

```
{
  "scope": [
    "abha-login",
    "search-abha",
    "aadhaar-bio-verify"
  ],
  "loginHint": "index",
  "loginId": "{{Index_Encryption}}",
  "otpSystem": "aadhaar",
  "txnId": "{{txnId}}"
}
```

V3 Response:

Response
Code: 200 OK
<pre>{ "txnId": "775b6a11-ea05-49e2-8661-f9aa855cad34", "message": "Fingerprint authentication request successfully sent. " }</pre>

7.6.3.2.3 Verify OTP

V3 URL: {{base_url}}/v3/profile/login/verify

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{\${isoTimestamp}}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body Parameters:

Property Name	Example Value	Mandatory	Description
scope	abha-login aadhaar-bio-verify	Yes	Defines the scope of the current action of the API

authMethods	"bio"	Yes	Defines the authentication method used for enrolment, following are the values that can be used OTP("otp"), PI("pi"), FACE("face") BIO("bio") IRIS("iris")
txnId	"3585baee-eab3-4651-b2cb215ee4f4d181"	Yes	Transaction Id is Mandatory to identify the unique transaction for ABHA enrollment. This chains all the steps to enroll ABHA. Transaction Id will be returned after a successful OTP transaction.
fingerprintAuthPid	Generated Fingerprint AuthPid Value	Yes	Fingerprint auth pid can be generated from the Biometric systems

V3 Request Body:

Request Body
<pre>{ "scope": ["abha-login", "aadhaar-bio-verify"], "authData": {"authMethods": ["bio"], "bio": { "txnId": "{{otpTxnId}}", "fingerprintAuthPid": "{{fingerprintAuthPid}}" } } }</pre>

V3 Response:

Response
200 OK
<pre>{ "txnId": "775b6a11-ea05-49e2-8661-f9aa855cad34", "authResult": "success", "message": "BIO verified successfully ", "token": "eyJhbGciOiJIUzUxMiJ9.eyJpc0t5Y1ZlcmImaWVkljp0cnVlLCJzdWliOiI5MS0xMzc2LTcwMDYtNTI1OSIsImNsaWVudElkIjojYWJoYS1wcm9maWxlbWVwcC1hcGkiLCJzeXN0ZW0iOiJBQkhBLU4iLCJhY2NvdW50VHlwZSI6InN0YW5kYXJkIiwibW9iaWxlbjoiOTk5OTI2NjI2NSIsImFiaGFzZGF0dW1iOiI5MS0xMzc2LTcwMDYtNTI1OSIsInByZWZlcnJlZEFiaGFzZGRyZXNzIjojOTExMzc2NzAwNjUyNTIAC2J4IiwidHlwIjojVHJhbnNhY3Rpb24iLCJleHAiOjE3MjEzODkyNDgsImhhdCI6MTcyMTM4NzQwOCwidHhuSW</pre>

[illegible]

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}
}
}
```

7.6.3.3 Search ABHA using Biometric (IRIS)

7.6.3.3.1 Search ABHA

V3 URL: {{base_url}}/v3/profile/account/abha/search

V3 Request: POST **V3**

Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction

TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accessToken}}	Yes	Token generated from session API

V3 Body Parameters:

Property Name	Example Value	Mandatory	Description
scope	search-abha	Yes	Search scope
Mobile	Mobile number	Yes	User mobile number

V3 Request Body:

Request Body
<pre>{ "scope": ["search-abha"], "mobile": "{{Mobile_Encryption}}" }</pre>

V3 Response:

```
[
  {
    "txnId": "d0660ae0-1798-4e42-8e07-33eea4a3824d",
    "ABHA": [
      {
        "index": 1,
        "ABHANumber": "91-5259-8743-XXXX",
        "name": "Narayanan Madaswamy",
        "gender": "M"
        "kycVerified": "true",
        "authMethods":
          [
            "AADHAAR_OTP",
            "MOBILE_OTP",
            "AADHAAR_BIO",
            "DEMOGRAPHICS"
          ]
      }
    ]
  }
]
```

7.6.3.3.2 Generate OTP

V3 URL: {{base_url}}/v3/profile/login/request/otp **V3 Request:** POST **V3 Request Headers:**

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body parameters:

Property Name	Value	Mandatory	Description
Scope	abha-login, aadhaar-iris-verify search-abha	Yes	Defines the scope of the current action of the API, following are the values that can be used ABHA_LOGIN("abha-login"), ABHA_PROFILE("abha-profile"), AADHAAR_VERIFY("aadhaar-verify"), AADHAAR-BIO-VERIFY("aadhaar-bio-verify") AADHAAR-FACE-VERIFY("aadhaar-face-verify") AADHAAR-IRIS-VERIFY("aadhaar-iris-verify") EMAIL_VERIFY("email-verify"), MOBILE_VERIFY("mobile-verify"), PASSWORD_VERIFY("password-verify"), CHANGE_PASSWORD("change-password"), RE_KYC("re-kyc"),
loginHint	index	Yes	Index of ABHA number given in search API response.
loginId	Index_Encryption	Yes	Actual value index generated in search API. This needs to be RSA encrypted using public key
otpSystem	aadhaar	Yes	Otp system to verify hiu/hip/phr login, following are the values can be used. AADHAAR("aadhaar"), ABDM("abdm"),
txnId	txnId	Yes	Transaction Id is Mandatory to identify the unique transaction for ABHA login.

V3 Request Body:

Request Body
<pre>{ "scope": ["abha-login", "search-abha", "aadhaar-iris-verify"], }</pre>

```
"loginHint": "index",
"loginId": "{{Index_Encryption}}",
"otpSystem": "aadhaar",
"txnId": "{{txnId}}"
}
```

V3 Response:

Response
Code: 200 OK
<pre>{ "txnId": "775b6a11-ea05-49e2-8661-f9aa855cad34", "message": "IRIS authentication request successfully sent. " }</pre>

7.6.3.3.3 Verify OTP

V3 URL: {{base_url}}/v3/profile/login/verify

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{\${isoTimestamp}}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body Parameters:

Property Name	Example Value	Mandatory	Description
scope	abha-login aadhaar-iris-verify	Yes	Defines the scope of the current action of the API

authMethods	"iris"	Yes	Defines the authentication method used for enrolment, following are the values that can be used OTP("otp"), PI("pi"), FACE("face") BIO("bio") IRIS("iris")
txnId	"3585baee-eab3-4651-b2cb215ee4f4d181"	Yes	Transaction Id is Mandatory to identify the unique transaction for ABHA enrollment. This chains all the steps to enroll ABHA. Transaction Id will be returned after a successful OTP transaction.
irisAuthPid	Generated Iris AuthPid Value	Yes	Iris auth pid can be generated from the Biometric systems

V3 Request Body:

Request Body
<pre>{ "scope": ["abha-login", "aadhaar-iris-verify"], "authData": {"authMethods": ["iris"], "iris": { "txnId": "{{otpTxnId}}", "irisAuthPid": "{{irisAuthPid}}" } } }</pre>

V3 Response:

Response
200 OK

[illegible]

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XLpCyKhyj/lmrCXT7yBjavXC9TQ0mAv8AYemKeLG3+mwVbgs7G0UCO2t4sn+BAM0sTulvNkjTn7oxUlxdfzrYysAvoAOp7Clyrs
F2TLtYjYrE/TaphZS2GfJHVU7fU1UnnlitB5jEyP1GensKZHuhtS5PzNzzTslY87XF5sRiscfAUUVuEjvVY4xjHHFpsctI7Z5zUt0mAj
8Ek+tIzJ5KIaC4FMQnGcYI96sRnlccH6VExEc5XC880WAVtxPA69yKhaNgcNBFWIBK5zg+1RMhJIOOe9OwjNSOKxtVCr85FZt
9epBCZnGccAdyfiinLRAGh6XJK7XlyMSSHIBHQdq3ry5js4c030oooStG4GEBcapKBhkh6AdzW5YaVHbqG2nPvRRSir6sZpO6
xx9s9qybi4YozPxRRVMRTtBiNifvMeprVsLU8MwBFFFSgNN/LVdzkALWFdXJu9UHQAmNDuwaKKHsBamUyzpvDECn3JlVjzO
AOM0UVQEwJnZiOCasXgymMA0UVlx1p80W7JqO8TztcHJB5zRRTAkifi4PW05AwOQwx6ZoooEf/2Q=="
}
}
}

8.0 Update Profile

8.1_Update Mobile

Step 1: Generate OTP

This API will generate OTP on provided encrypted mobile number.

V3 URL: {{base_url}}/v3 /profile/account/request/otp

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{IsoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
X-token	Bearer X-token	Yes	X-token of user, user can get X-token after login to the system
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body Parameters:

Property Name	Value	Mandatory	Description
Scope	abha-profile mobile-verify	Yes	Defines the scope of the current action of the API
loginHint	mobile	Yes	Type of login
loginId	Mobile	Yes	Actual value of login type. This needs to be RSA encrypted using a Public key
otpSystem	abdm	Yes	Otp system to verify hiu/hip/phr login

V3 Request Body:

Request Body

```
{
  "scope": [
    "abha-profile",
    "mobile-verify"
  ],
  "loginHint": "mobile",
  "loginId": "{{Mobile_encryption}}",
  "otpSystem": "abdm"
}
```

V3 Response:

Response
Code: 200 OK
<pre>{ "txnId": "1234567890:20211216223812", "message": "OTP sent to mobile number ending with *****2418" }</pre>

Step 2: Verify Mobile OTP

V3 URL: {{base_url}}/v3/profile/account/verify

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{IsoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
X-token	Bearer X-token	Yes	X-token of user, user can get X-token after login to the system
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body Parameters:

Property Name	Value	Mandatory	Description
---------------	-------	-----------	-------------

Scope	abha-profile mobile-verify	Yes	Defines the scope of the current action of the API
authMethod	otp		Method of verification
timestamp	Actual time, format: "YYYY-MM-DD HH:mm:ss"	Yes	
txnId	txnId	Yes	Transaction Id is Mandatory to identify the unique transaction for ABHA enrolment. This chains all the steps to enrol in ABHA. Transaction Id will be returned after a successful OTP transaction.
otpValue	Encrypted otpValue	Yes	Otp system to verify hiu/hip/phr login

V3 Request Body:

Response
Code: 200 OK
<pre>{ "scope": ["abha-profile", "mobile-verify"], "authData": { "authMethods": ["otp"], "otp": { "txnId": "{{txnId}}", "otpValue": "{{OTP_encryption}}" } } }</pre>

V3 Response:

Response
Code: 200 OK

```
{
  "txnId": "01bb3a4c-4588-4734-aff4-23d3978e50be",
  "authResult": "success",
  "message": "Mobile Number linked successfully",
  "accounts": [
    {
      "ABHANumber": "91-4173-3253-XXXX"
    }
  ]
}
```

8.2 Update Email

V3 URL: {{base_url}} /abha/api/v3/profile/account/request/emailVerificationLink

V3 Request: POST

V3 Header Parameters:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{IsoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
X-token	Bearer X-token	Yes	X-token of user, user can get X-token after login to the system
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body Parameters:

Property Name	Value	Mandatory	Description
txnId	txnId	Yes	Transaction Id is Mandatory to identify the unique transaction for ABHA enrollment. This chains all the steps to enroll in ABHA. Transaction Id will be returned after a successful OTP transaction.
Scope	abha-profile email-link-verify	Yes	Defines the scope of the current action of the API
loginHint	email	Yes	Type of login

loginId	Encrypted Email	Yes	Actual value of login type. This needs to be RSA encrypted using a Public key
otpSystem	abdm	Yes	Otp system to verify hiu/hip/phr login

V3 Request Body:

Request Body
<pre>{ "scope": ["abha-profile", "email-link-verify"], "loginHint": "email", "loginId": "pb2Rf4GQ3zq5rIxxWgpn8Td9HMh0sJlb/SbN+6CHpylD422FxcJPHgo9Zyc3SESSetu60JFga4729tdi4BPU0mW053M6d2kC3E W8cd917VNP0hett79+S80JG6VdWYsb3pzF3G7GoGaCEqcmr6pt5ZX2NNkN9YT5f9QXqSUkrNA9/RJVUzUy+KuXo0MbV35 nOU6IO5Bs8Bly+Ggs96kogiTf8iajlxheo002nVU1Ln6Q9rjgLF11ibyEJ5/wvOp8FvSA3Ed8+CodQpkWeijbRFokZCMHx9ONII08 Zbr0brbCGQsZkfQOjRZswgS8vV3IJded1Vx7qY3bqb/QWZSYLWgXN61TFU4EZ/vq1jix0YasluuxjijWUzTV43qDL/AJPKLnsOhGis 1G+quo7WKzTCAAekjbEEApZNrZL5RYcn3gykXfbNJaSu82tHO4Bke9uXc6ON91QcAhNHeOJFc3zPvftCQu59YYunuiaM3YmX MCeVtaOYyaO1mLd+OEDCrWTeEyPZCkRf32W0TXjhoTN7UcC+t94hWWv2dAahbVzpMiS+NXVoAMj66/l/7wbUqsem/aK+3j /tveftXJTyREg7/wjHWBBrjUdt8hMFsbinsYs+S7Bpus65Oafqrost5MDdxlu+0g8C3ce0EUDF76sklA1S885gN3KMsqk5cC9hY=", "otpSystem": "abdm" }</pre>

V3 Response:

Code: 200 OK
No response

8.3 Delete/Deactivate ABHA Number

8.3.1 Delete ABHA Via Aadhaar

Step 1: Send OTP

V3 URL: {{base_url}}/v3 /profile/account/request/otp

V3 Request: POST

V3 Header Parameters:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction

TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
X-token	Bearer X-token	Yes	X-token of user, user can get X-token after login to the system
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body Parameters:

Property Name	Value	Mandatory	Description
Scope	abha-profile, delete	Yes	Defines the scope of the current action of the API. de-activate/delete
loginHint	abha-number	Yes	Type of login
loginId	Encrypted abha number	Yes	Actual value of login type. This needs to be RSA encrypted using a public key
otpSystem	aadhaar	Yes	Otp system to verify hiu/hip/phr login, following are the values that can be used. AADHAAR("aadhaar"), ABDM("abdm"),

V3 Request Body:

Request Body
<pre>{ "scope": ["abha-profile", "delete"], "loginHint": "abha-number", "loginId": "{{AbhaNumber_encryption}}", "otpSystem": "aadhaar" }</pre>

V3 Response:

Response
Code: 200 OK
<pre>{ "txnId": "3917ca6b-1b3a-46a1-b99a-248e925929ff", "message": "OTP sent to mobile number ending with *****4723" }</pre>

Step 2: Verify OTP

V3 URL: {{base_url}}/v3/profile/account/verify

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
X-token	Bearer X-token	Yes	X-token of user, user can get X-token after login to the system
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body Parameters:

Property Name	Value	Mandatory	Description
Scope	Abha-profile delete	Yes	Defines the scope of the current action of the API
authMethod	otp		Method of verification
Timestamp	Actual time, format : "YYYY-MM-DD HH:mm:ss"	Yes	
txnId	txnId	Yes	Transaction Id is Mandatory to identify the unique transaction for ABHA enrollment. This chains all the steps to enroll in ABHA. Transaction Id will be returned after a successful OTP transaction.

otpValue	Encrypted OTP Value	Yes	Otp system to verify hiu/hip/phr login
----------	---------------------	-----	--

V3 Request Body:

Request Body
<pre>{ "scope": ["abha-profile", "delete"], "authData": { "authMethods": ["otp"], "otp": { "txnId": "{{txnId}}", "otpValue": "{{OTP_encryption}}" } } }</pre>

V3 Response:

Response
Code: 200 OK
<pre>{ "txnId": "890f35c9-a9d5-4db5-861c-d27c17bd37f5", "authResult": "success", "message": "Your account has been deleted", "accounts": [{ "ABHANumber": "91-8434-1243-XXXX" }] }</pre>

8.3.2 Delete ABHA Via ABHA OTP

Step 1: Send OTP.

V3 URL: {{base_url}}/v3 /profile/account/request/otp

V3 Request: POST **V3**

Header Parameters:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction

TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
X-token	Bearer X-token	Yes	X-token of user, user can get X-token after login to the system
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body Parameters:

Property Name	Value	Mandatory	Description
Scope	abha-profile, delete	Yes	Defines the scope of the current action of the API. de-activate/delete
loginHint	abha-number	Yes	Type of login
loginId	Encrypted abha number	Yes	Actual value of login type. This needs to be RSA encrypted using a public key
otpSystem	abdm	Yes	Otp system to verify hiu/hip/phr login, following are the values that can be used. AADHAAR("aadhaar"), ABDM("abdm"),

V3 Request Body:

Request Body
<pre>{ "scope": ["abha-profile", "delete"], "loginHint": "abha-number", "loginId": "{{AbhaNumber_encryption}}", "otpSystem": "abdm" }</pre>

V3 Response:

Response
Code: 200 OK
<pre>{ "txnId": "3917ca6b-1b3a-46a1-b99a-248e925929ff", "message": "OTP sent to mobile number ending with *****4723" }</pre>

Step 2: Verify OTP

V3 URL: {{base_url}}/v3/profile/account/verify **V3**

Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
X-token	Bearer X-token	Yes	X-token of user, user can get X-token after login to the system
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body Parameters:

Property Name	Value	Mandatory	Description
Scope	abha-profile delete	Yes	Defines the scope of the current action of the API
authMethod	otp		Method of verification
Timestamp	Actual time, format : "YYYY-MM-DD HH:mm:ss"	Yes	
txnId	txnId	Yes	Transaction Id is Mandatory to identify the unique transaction for ABHA profile.

otpValue	Encrypted OTP Value	Yes	Otp system to verify hiu/hip/phr login, following are the values that can be used. AADHAAR("aadhaar"), ABDM("abdm"),
----------	---------------------	-----	--

V3 Request Body:

Request Body
<pre>{ "scope": ["abha-profile", "delete"], "authData": { "authMethods": ["otp"], "otp": { "txnId": "{{txnId}}", "otpValue": "{{OTP_encryption}}" } } }</pre>

V3 Response:

Response
Code: 200 OK
<pre>{ "txnId": "890f35c9-a9d5-4db5-861c-d27c17bd37f5", "authResult": "success", "message": "Your account has been deleted", "accounts": [{ "ABHANumber": "91-8434-1243-XXXX" }] }</pre>

8.3.3 Delete ABHA Via Password

Step 1: Verify Password.

V3 URL: {{base_url}}/v3/profile/account/verify

V3 Request: POST

V3 Header Parameters:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{\${isoTimestamp}}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
X-token	Bearer X-token	Yes	X-token of user, user can get X-token after login to the system
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body Parameters:

Property Name	Value	Mandatory	Description
Scope	abha-profile, delete	Yes	Defines the scope of the current action of the API. delete
authData	authmethods	Yes	Type of authentication method password
reasons		yes	

V3 Request Body:

Request Body

```
{
  "scope": [
    "abha-profile",
    "delete"
  ],
  "authData": {
    "authMethods": [
      "password"
    ],
    "password": {
      "password": "aEfgH6qnADmgcJHbxPvbnJuPsiocA5XHvg4uYWFOF6g/6ga+yQAKzVMQZoY31vdr367g3aXu9nbCiYITH9kLYuU3JrnYb29jV7aGEa6ek4luXG9jakddYDIhkqOdrGx4taTCWP+bv2smYtbWW0N5d5SulOtO41ZEhVQlJtYp6008TE5DE/Hcr25MI4p49mzG9oNUQC7ONwDfyhI9sRjRZ1M4ohp7M4+tZAKiS8qSYGVG2bUuraH9+3VMRWXerumyObI3q9vIcbhF0oXMkselJaOTDkVGrRbBYL8LaBeJ48p+XYX6wDds83i2O/C4pL4TFE+XCukmjTfrPXuaWi8qs80kFfL6Gmikip+MJm6HXy9pzfb1pAnGn+qPumqdiVAhedn2vdPjsLDRM6jn+l34RCri/0ePNNbhmQQRVVGXKuDTZUWmAqOSxcUb+Wnc0qMglUrSjVREaag2EcllqWfXV77ZkQgTVgQblTdSbdKXFcIRq9/3AE6lqwIwFe1/6x6t3bVIWL575VeqyazUfkOCu5R44CBsKE8LNXtaZYac5zxc2w5Ee6UlcG2726RaY6XWNiSJ+CZacMM8/8zlcYEZMTZfRmxnbNkgm6BcQ+j7HH9pUpmxK/57glFnVbgGsFG1nbcuz+5Fazd1B96O8ws9qfdwgrmr8RgADY64ROfElZ0M="
    }
  },
  "reasons": [
    "aaaaa",
    "bbbb"
  ]
}
```

```
}
```

V3 Response:

Response	
Code: 200 OK	
<pre>{ "authResult": "success", "message": "Your account has been deleted.", "accounts": [{ "ABHANumber": "91-5555-0357-XXXX" }] }</pre>	

8.4 Deactivate ABHA Number

8.4.1 Deactivate ABHA Via Aadhaar

Step 1: Send OTP.

V3 URL: {{base_url}}/v3 /profile/account/request/otp

V3 Request: POST

V3 Header Parameters:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{IsoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
X-token	Bearer X-token	Yes	X-token of user, user can get X-token after login to the system
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body Parameters:

Property Name	Value	Mandatory	Description
---------------	-------	-----------	-------------

txnId	Empty	No	Transaction Id is Mandatory to identify the unique transaction for ABHA de-activate.
Scope	abha-profile, de-activate	Yes	Defines the scope of the current action of the API. de-activate/delete
loginHint	abha-number	Yes	Type of login
loginId	Encrypted abha number	Yes	Actual value of login type. This needs to be RSA encrypted using a public key
otpSystem	aadhaar	Yes	Otp system to verify hlu/hip/phr login, following are the values that can be used. AADHAAR("aadhaar"), ABDM("abdm"),

V3 Request Body:

Request Body
<pre>{ "scope": ["abha-profile", "de-activate"], "loginHint": "abha-number", "loginId": "{{AbhaNumber_encryption}}", "otpSystem": "aadhaar" }</pre>

V3 Response:

Response
Code: 200 OK
<pre>{ "txnId": "3917ca6b-1b3a-46a1-b99a-248e925929ff", "message": "OTP sent to mobile number ending with *****4723" }</pre>

Step 2: Verify OTP

V3 URL: {{base_url}}/v3/profile/account/verify

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
X-token	Bearer X-token	Yes	X-token of user, user can get X-token after login to the system
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body Parameters:

Property Name	Value	Mandatory	Description
Scope	abha-profile, de-activate	Yes	Defines the scope of the current action of the API
authMethod	otp		Method of verification
Timestamp	Actual time, format : "YYYY-MM-DD HH:mm:ss"	Yes	
txnId	txnId	Yes	Transaction Id is Mandatory to identify the unique transaction for ABHA enrollment. This chains all the steps to enroll in ABHA. Transaction Id will be returned after a successful OTP transaction.
otpValue	Encrypted OTP Value	Yes	Otp system to verify hiu/hip/phr login, following are the values that can be used. AADHAAR("aadhaar"), ABDM("abdm"),
reasons		Yes	

V3 Request Body:

Request Body

```

{
  "scope": [
    "abha-profile",
    "de-activate"
  ],
  "authData": {
    "authMethods": [
      "otp"
    ],
    "otp": {
      "txnId": "{{txnId}}",
      "otpValue": "{{OTP_encryption}}"
    }
  },
  "reasons": ["aaaaa", "bbbb"]
}

```

V3 Response:

Response
Code: 200 OK
<pre> { "txnId": "890f35c9-a9d5-4db5-861c-d27c17bd37f5", "authResult": "success", "message": "Your account has been de-activated", "accounts": [{ "ABHANumber": "91-8434-1243-XXXX" }] } </pre>

8.4.2 Deactivate ABHA Via ABHA OTP

Step 1: Send OTP.

V3 URL: {{base_url}}/v3/profile/account/request/otp

V3 Request: POST

V3 Header Parameters:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds

X-token	Bearer X-token	Yes	X-token of user, user can get X-token after login to the system
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body Parameters:

Property Name	Value	Mandatory	Description
txnId	Empty	No	Transaction Id is Mandatory to identify the unique transaction for ABHA deactivation.
Scope	abha-profile, deactivate	Yes	Defines the scope of the current action of the API. de-activate/delete
loginHint	Abha-number	Yes	Type of login
loginId	Encrypted abha number	Yes	Actual value of login type. This needs to be RSA encrypted using a public key
otpSystem	abdm	Yes	Otp system to verify hiu/hip/phr login, following are the values that can be used. AADHAAR("aadhaar"), ABDM("abdm"),

V3 Request Body:

Request Body
<pre>{ "scope": ["abha-profile", "de-activate"], "loginHint": "abha-number", "loginId": "{{AbhaNumber_encryption}}", "otpSystem": "abdm" }</pre>

V3 Response:

Response
Code: 200 OK

```
{
  "txnId": "3917ca6b-1b3a-46a1-b99a-248e925929ff",
  "message": "OTP sent to mobile number ending with *****4723"
}
```

Step 2: Verify OTP

V3 URL: {{base_url}}/v3/profile/account/verify

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
X-token	Bearer X-token	Yes	X-token of user, user can get X-token after login to the system
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body Parameters:

Property Name	Value	Mandatory	Description
Scope	Abha-profile de-activate	Yes	Defines the scope of the current action of the API
authMethod	otp		Method of verification
Timestamp	Actual time, format : "YYYY-MM-DD HH:mm:ss"	Yes	
txnId	txnId	Yes	Transaction Id is Mandatory to identify the unique transaction for ABHA enrollment. This chains all the steps to enroll in ABHA. Transaction Id will be returned after a successful OTP transaction.

otpValue	Encrypted OTP Value	Yes	Otp system to verify hiu/hip/phr login, following are the values that can be used. AADHAAR("aadhaar"), ABDM("abdm")
reasons		Yes	

V3 Request Body:

Request Body
<pre>{ "scope": ["abha-profile", "de-activate"], "authData": { "authMethods": ["otp"], "otp": { "txnId": "{{txnId}}", "otpValue": "{{OTP_encryption}}" } }, "reasons":["aaaaa","bbbb"] }</pre>

V3 Response:

Response
Code: 200 OK
<pre>{ "txnId": "890f35c9-a9d5-4db5-861c-d27c17bd37f5", "authResult": "success", "message": "Your account has been de-activated", "accounts": [{ "ABHANumber": "91-8434-1243-XXXX" }] }</pre>

8.4.3 Deactivate ABHA Via Password

Verify Password.

V3 URL: {{base_url}}/profile/account/verify

V3 Request: POST

V3 Header Parameters:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
X-token	Bearer X-token	Yes	X-token of user, user can get X-token after login to the system
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body Parameters:

Property Name	Value	Mandatory	Description
Scope	abha-profile, de-activate	Yes	Defines the scope of the current action of the API. de-activate/delete
authData	authmethods	Yes	Type of authentication method password
reasons		yes	

V3 Request Body:

```
{
  "scope": [
    "abha-profile",
    "de-activate"
  ],
  "authData": {
    "authMethods": [
      "password"
    ],
    "password": {
      "password": "aEfgH6qnADmgcJHbxPvbnJuPsiocA5XHvg4uYWFOF6g/6ga+yQAKzVMQZoY31vdr367g3aXu9nbCiYITH9kLYuU3JrnYb29jv7aGEa6ek4luXG9jakddYDIhkqOdrG4taTCWP+bv2smyTbWW0N5d5SulOtO41ZEhvQLjtYp6008TE5DE/Hcr25MI4p49mzG9oNUQC7ONwDfyhI9sRjRZ1M4ohp7M4+tZAKiS8qSYGVG2bUuraH9+3VMRWXerumyObI3q9vIcbhF0oXMkseIJaOTDkVGrRbBYL8LaBeI48p+XYX6wDds83i2O/C4pL4TFE+XCukmjTfrPXuaWi8qs80kFfL6Gmikip+MJjm6HXy9pzfb1pAnGn+qPUmqdiVAhedn2vdPjsLDRM6jn+I34RCri/0ePNNbhMQRVVGXKuDTZUWmAqQScxcUb+Wnc0qMgIUrsjVREaag2EcllqWfXV77ZkQgTVgQblTdSbdKXFclRq9/3AE6lqwlwFe1/6x6t3bVIWL575VeQyazUfkOCu5R44CBsKE8LNXtaZYac5zxc2w5Ee6UlcG2726RaY6XWNI SJ+CZacMM8/8zlcYEZMTZfRmxbnKgm6BcQ+j7HH9pUpmxK/57glFnVbgGsFG1nbcuz+5Fazd1B96O8ws9qfdwgrmr8RgADY64ROfElZ0M="
    }
  },
  "reasons": [
    "aaaaa",
    "bbbb"
  ]
}
```

```
}  
}
```

V3 Response:

Response
Code: 200 OK
<pre>{ "authResult": "success", "message": " Your account has been de-activate" "accounts": [{ "ABHANumber": "91-5555-0357-XXXX" }] }</pre>

8.5 Re-activate ABHA Number

Step 1: Send OTP.

V3 URL: {{base_url}}/v3 /profile/account/request/otp

V3 Request: POST

V3 Header Parameters:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body Parameters:

Property Name	Value	Mandatory	Description
txnId	Empty	No	Transaction Id is Mandatory to identify the unique transaction for ABHA reactivation.

Scope	abha-login mobile-verify, re-activate	Yes	Defines the scope of the current action of the API.
loginHint	abha-number	Yes	Type of login
loginId	Encrypted abha number	Yes	Actual value of login type. This needs to be RSA encrypted using a public key
otpSystem	abdm	Yes	Otp system to verify hlu/hip/phr login, following are the values that can be used. AADHAAR("aadhaar"), ABDM("abdm"),

V3 Request Body:

Request Body
<pre>{ "scope": ["abha-login", "mobile-verify", "re-activate"], "loginHint": "abha-number", "loginId": "{{AbhaNumber_encryption}}", "otpSystem": "abdm" }</pre>

V3 Response:

Response
Code: 200 OK
<pre>{ "txnId": "3917ca6b-1b3a-46a1-b99a-248e925929ff", "message": "OTP sent to mobile number ending with *****4723" }</pre>

Step 2: Verify OTP

V3 URL: {{base_url}}/v3/profile/login/verify

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body Parameters:

Property Name	Value	Mandatory	Description
Scope	abha-login mobile-verify, re-activate	Yes	Defines the scope of the current action of the API
authMethod	otp		Method of verification
Timestamp	Actual time, format : "YYYY-MM-DD HH:mm:ss"	Yes	
txnId	txnId	Yes	Transaction Id is Mandatory to identify the unique transaction for ABHA re-activation.
otpValue	Encrypted OTP Value	Yes	Otp system to verify hiu/hip/phr login

V3 Request Body:

```
{
  "scope": [
    "abha-login",
    "mobile-verify",
    "re-activate"
  ],
  "authData": {
    "authMethods": [
      "otp"
    ],
    "otp": {
      "txnId": "{{txnId}}",
      "otpValue": "{{OTP_encryption}}"
    }
  }
}
```

V3 Response:

[illegible]

8.6 Re-KYC

This API used to provide Re-KYC Facility.

Step 1: Generate OTP

V3 URL: {{base url}}/v3/profile/account/request/otp

V3 Request: POST V3

Request Headers:

Property Name	Example Value	Mandatory	Description
---------------	---------------	-----------	-------------

REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{\${isoTimestamp}}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
X-token	Bearer X-token	Yes	X-token of user, user can get X-token after login to the system
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body Parameters:

Property Name	Example Value	Mandatory	Description
scope	abha-profile rekyc	Yes	abha-profile and re-kyc
loginHint	abha-number	Yes	Login Hint for re-kyc
loginId	Encrypted abha number	No	Encrypted abha number for re-kyc
otp-system	aadhaar	Yes	Select option for Otp system

V3 Request Body:

Request Body
<pre>{ "scope": ["abha-profile", "re-kyc"], "loginHint": "abha-number", "loginId": "nJ3WR5UmFR+v2sNXBfgxWQHWDgjjja5OFVIJWnmf6lzyjdfxcLiHMkzmtBPmzBRL+4PzDXp+TXIXNSSE4BBmEL6/OzWiVoEJphCwhHdHH9VxSBguYVZ9dLBbK0ntzgsxmacjABNXLg/H1RKio/au7iPCW67tKDfMUXGorZ29HSaQosu86GgC7/nPFxBD97mEXd6vgI9PmREWolywWesJxvBnXmV4Is+73sgAXGM6KZmRyaSH7T/JeknqyWDYdJLeUvoHLf+nTzYykCZS9Ej/1ue3RJWf7NRAxpy+n9a+Ce38n2P2OwoJCU6MEWK3sRSG6zVSHNXFAFre+wme+17ZNcQChE1btboTaPFllqecD39vHmiZoO7vlhVlZJo0oJesP05P1RM7N+piO1m3GXgQGp8rupBFb7Vhw+ueei6ajLHf+Gf6YEINK6fKcVUgPQtwMrBi+VzIQxok3pAEBJthTXisOf5YClDymGFIfflSPrmyWWJabhp1+f4O+gkxLcZyGLzCnpFd++WPTjdTP7NptSKqNq2CbFpqoLK3cP8/xAj4aj5/1wh5jYkjWA6hJn6rYKDCCXVoZO9kt5RDBj52IWOy2KlwWmb9RGVWdrRwD1/Ekdnx3uYEnk/acKTMUYW3UvVPghxOTKLkwjbWEhrnvMG6x4jzMH+2b8GvdLbQYgk=", "otpSystem": "aadhaar" }</pre>

V3 Response:

Response
Code: 200 OK

```
{
  "txnId": "99acc695-5b1c-47ee-8ce1-ee55c004978e",
  "message": "OTP sent to Aadhaar registered mobile number ending with *****5856"
}
```

Step 2: Verify OTP

V3 URL: {{base_url}}/v3/profile/account/verify

V3 Request: POST **V3**

Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
X-token	Bearer X-token	Yes	X-token of user, user can get X-token after login to the system
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body Parameters:

Property Name	Example Value	Mandatory	Description
scope	abha-profile rekyc	Yes	abha-profile and re-kyc
authData	otp	Yes	Based on preference authMethods otp.
otp-value	Encrypted otp	Yes	Encrypted otp for verification

V3 Request Body:

Request Body


```

{
  "scope": [
    "abha-profile",
    "re-kyc"
  ],
  "authData": {
    "authMethods": [
      "otp"
    ],
    "otp": {
      "txnId": "{{txnId}}",
      "otpValue":
        "YPuOEwGzshYkA1JAOPK7tjBYliiKFu5e1b7Mye7f5+HQJrhJlall5FnIFv2Le9YxCZBUYBkNV1Q/BABhatn144uU5l/HDqRH2ZcUVR9UUZXm/
        5AQDHzi+5N+iacngufcRN/qK0CbEgWn1sPCyNj3tdD3t9EISK/dOQq62YBTKE453o3teoGEEN0dcQInAz23oGBWNRQmcdlqOyrb/+u8jHDqT
        eEV7/QNm6UHVAufjgkLoPDwbcZ0KErcdl6h6jawKV44mlrjFX/WqDsyyv+/tQY/DhnxcTvw9qZ1WdyXglz3NP7OxOzIRkxOEDDrn1d9Ta6JfGT
        yVGP1TrnUxZxh+UMWKohXMRA9ctfUhOSvFZbz+E6RDKbnkleq1DV4+iy6bmccRo/fcpooTQKSRndSwsT3YFGHzQEnD0eIHixIDWuC6FVFb/
        N9GU6QES9ErMCIR5WGIT62h5zni+YDStRmf6aP9ET1AjeWg0psPyMYZhMetlOciMdU2SC/9+WOBIFfVoLJSog+XUjgSFh696I+IQXo6kAh6r
        h9P5hh9RK+BggqbQ2M0d1fhFbzTP044nXIV9yWlwEplc5f5aFkgThEIDsurPx2wSTUXe0oR8zjdFGcdea4mvZs0eqx62qGwaB08glcZENhFD6s
        d7bJZlpz8sJoYzpnNte1UDfNMPZXhpg="
    }
  }
}

```

V3 Response:

Response
Code: 200 OK
<pre> { "txnId": "bb548986-e96d-4b48-be1b-1e36741e867d", "authResult": "success", "message": "Re-kyc done successfully", "accounts": [{ "ABHANumber": "91-4173-3253-XXXX" }] } </pre>

9.0 Get Profile

Get Profile API returns the ABHA profile upon successful validation of the JWT access token.

V3 URL: {{ env_url }}/abha/api/v3/profile/account

V3 Request: GET

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction

TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
X-token	Bearer X-token	Yes	X-token of user, user can get X-token after login to the system
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body parameters: NA

V3 Request body: NA

V3 Response:

Response
Code :200 OK
<pre>{ "ABHANumber": "91-4173-3253-XXXX", "preferredAbhaAddress": "TEST@abdm",</pre>

[illegible]

rNeXlvZWcYkup22RITjJwScnsAASfYd69m0HQ4dC0qCyQ7ygy8mD87kkk8+5PHbNc54A8MpZ2Sa1dxbr+5X92HGDDFeedo9GYct6cLjg57sQl2+c4IGcAcfSuinTsjjqu7Hnni3QHfU5tZhtop4o0V57dQBJOy5zz3OFRceglyKxhcnVvCcJECswCV5Y2zngMSMY6kxsB9a9J19o4dGvHSN5jDE0pij5

AFFJm8tyEYYHJGfqRmqv27ysE9PUU7dAb7mvc+WhLjAJ6fSuY1icgEDjNaL3glHzHt8vuKxNRcPjilBakyehmwQyT3Y8v7+3auehJNeoxRrBCkUY

wiKFX2A4FcT4cskvrp5S5QWsq5AHLsAG6+nl/Xp1rtc8V3wT6nm1JJ6leOvWp4cbuaqg1NC2Gqzl6nTpF2KrJkAgggZK45HX3A/+vVq9nSS4VwN
yKB/rMcKajjH4fTmsK2b5cZ4qy7lzk9faotqXcrLTx2qNDxUgghEM/KGsW56mtYUZU/Sse6Xk0Ayi3p5VZEaNXlWBB9xTcc0/oKoRyEkLWly8Mmc
qevqOx/Kpw2VBBYrWh4gii+yico/mrgBkXlx7noB6e/41gRT89eK5KtPqdtCqnox16lwzgpNtjlwVUdBTLTRHuQzR3jy1yVLAFu+OntWgy+cqkAb
qBpVxOvA4/2SRWUZpaHUtN5neaC8SiX7dkE8qki5H4EZqvDZy+aES7IKA87gCK1ho06rlizDuC5NQSQtcCE8Cm6qeiHJ3AtsGGOSvSqMoa5uVij
BJYgCi5mJ4HWrxh21kvNT3ROF8pSxz/EemB+v5VdOF3dnLWqcqsjpNL0uPTjMYznzWDHAWBjj37YzWnVOxvYr2lmjOSpww/kfxq3XYeenfVC5
56VLD1qlcmrEAORQM04OIWBVeH7tWBUjK4p4qJTTwaBityDWXeLyTmrV/dx6fEks4lj1QsOi5OAT6Cs7VbmaEgi3ZYD/wAvMn3e3AA/9mK+
ozigmU1FalXIBJWkCq7rZ7jegiU4LFu/GffvWnbQWGP6P5ot4rcbCzTznLx46splHGBnOMEda5mytTF3MUU2oG2tiwDfvApmOdwQA9T1GARg
evSgylVtJdTG17V7iaKGzFowMmCqbvm3kjAPHAXWihkKB0PJru/tFgfEax2+nxRxJQ73yzBcAEa8k8ZxnPNcw2kzaZdTWE4Jlt5GhLYxu2nG76
HGR7EVJUDtTpw7rpu5Ug1JoeHGK0bfxAARv+hqjNanJytZ9xppP/qmKk+IZXizsvNaHSza7lCMkjHY1j3GqGTjdWWmk3gbbJlcfWtCDTfLApyz70
WgtwdcpvylsvOe4Xv71v8Ah+3uPseqtbE7o4AzYOPkz836ZqpHZEAZGBXdfDfTPOFv7iVQ1qUSAIrYXAJJ+mGA9/wqozuzKrT9x6IPTtMWHQ5N
SVyZn/eGNTYyWObJnryePUUPfIZF8hDKjNtUxncGOOchHI6/1Wr402WStZWZJHIDlhHgbUAwRt9zwO2Fb2rKuBdaRe2erwxhbcISwKja3GGBI6
ZB/ME811J3PJlJ01yrpuX5oGtwWcrsBxuzx6VNB24qjriT3mmR6jbLiBQC8YIAG443dSDg8YH+NT6ap/sJ5LSOSaZM5BHbB+oAVSRjt+fpWk3oaK
t7/KbMfAQUNWJot872couplFxA2JYJtLQHOSMDovJPM5PONGO9tpZfJS4jMvPybxu468UjdSTVwDAMFJGSM8ntWDea3HJdG2lu/sdlkh54
wWlIAOSoGtYRgFQT0Psl/Dpu7zUZmeXbCuHmaMBnm7KpZhlVwCRgAjnnkYzQ09rNfi0trdFWE+UvyAF5M4Jj6k5AXnO96tLWxy1K94cyNmW
7g1XTHjiHJ2Alaa7ktxuNuGyN5yoBUE5UZK9ABWMMH/AOEo1KlH0izhUjX5dCcDgE/wAyB0rpNa/s/TfDYtbFZ85WEOlCZ7sTx3Ct+Lvm+G9Pg
dJ51dUZ3wN3C7QOVQoSfyqUupNTmnNQ+8m8ULDY28VIBjSLuZQPulvQfienspFQ6PYJbeJLXT5VvP7ayluugPzFkiK59CJGz7Y9RVC1SXVdeEs
r7YE/eHewAWNSMDk45JAPuxqfw1qh2r4hSSNu8u7H2eOTb90BkYE56BvKxzySVHHSi1kKlJSqc1tNkaeHeGbaC8uHHM9vqbQrERtEaByFJHU5
Vdw7Yl+tUPHmliw122u1X5b2D5yF/5aR4Xk+6lBj/YNeoG0ikmhupg3yO5Qq5ATLHrg4l+voPqMrxnog1nQntht+1wv51uzNj5wCMfiCVP+99Kx
nHmR6NBK9m9Dx6REdcMKqtDnIGDVyWOSitHJGyOjFXVhgqQcEfmKpTplc84rJWh6NroasbRngYNWYyixy2B+PNUQuCCXbjtmrmyB18mnm2Lcd
rNeXlvZWcykup22RITJlwScnsAASfyd69m0HQ4dC0qCyQ7ygy8mD87kkk8+5PHbNc54A8MpZ2Sa1dxbr+5X92HGDDeedo9GYct6cLjg57sQl2+
c4IGcAcFSuinTsjjzqu7Hnni3QHfU5tZhtop4o0V57dQBjOy5zz3OFrceglYKxhcnVvCcJECSCWCV5Y2zngMSMY6kxsB9a9J19o4dGvHSN5jDE0pij5
L7DuKjj72BwOvtXl+jeKmsWZ5N0tXW5uS/l2/BTPHGQd5HfoOBjA4HRG55tbgk9Xa5L4c1HzrK7sJVtYyCQCTuwW2tj0A46dzmsuyyLzSdUlic4T
PlzbeAy9Qw/PP4kdzVuxv4NO11J7dHW2aUr5ewBljY4AIBOdVb4J+5V7xn5cscN3BERKn7uVm7gn5fyJx/wKq6nKk3TfWP5FbxJ4fgltotSWYC4
hABZDtU8fLjnj544JpNE0V7rTxLJKJZ4n2ssz5HqG4IY9cckjitPQ7A6p4ce3lm2PtaFmPIA4I/Aj8qw9DCWWtUbj3bYWR/JIQNJDE4H5N39CaXk
aSfvRnbRnR6E1jpfhqW/mXcSzy7SnJC/KFB99vGf7xqp4Rslr++e7mBmjRGHmFCNOpOCQRxwN2R23Cm3TWPhVUhtLZWlulEhOQGQPUZYge/A
9j71Ut9V1XU1MUU9yXjYSBLQMpxj/Y+YjjoXNGrCthBxLp0N7UPD66vfQqkskVmiEDbyxfJOTk4xgDHfrSan4b+xi3hs72aGKvWi8pwroAfvEH
AbnJP3uPTtXMw+F7ybUnSW3gik3g7psZOcemTnnvWjdeE9R0+2N5F9kVoWEimB23ZH/AAED9aXzGp3bkqbLdx4ZtdNKPqV4JoyOhliQEcZbB
+Y8KD2LDBzVfW9S0a10lhaKrOsZYpaphTjnJI4ycdsmorz7rl+sl5dKQ5YfPcy5OCTwAMIQD2IA5qrNpy6Q9pJldIZftMYj3xApvIUUEHOfmXrjjGfe
j1HB5uWEbLuz0/R5NTt9JP9sFGMAjTlJaRn2qH5A+YbiVXj78nNW5Z7aUy2KT0z1zEBuh3Deqt0JX06/ka4KLxxq+lbLbWYLDVY45AHNRMEmU
qRjKMSGORnJK/SsK813RNB1W71C70uQyySZikEYsvQo2jksCpC45B67undWbOx1YRV77Gn4lk03UtVaSzTei7InBGN5z1xnnHr1556DGD/Zqs
MEqRmrJudLivlJ4LxYQXwQrIfQ8E5w3XnoBwc4q1dXNRlcl0Mqss6+YCo4BJx+ByDx2lI46VzVqP2ommdXibcJteRkyaVGOgq/onhoavqkVq65
hH7ybji2DQPx4H457U9xzzj866D+29P8CaLi5j8/VbzDJahrtrB0DHHyqOSSR1JAycVhSg5SO+tUUI3O3s1bWrHw7Yxy3RLzN8ltaxY3ytx8qj8sseA
OTiUm8XekV13SpdTso9N0I50je1X97IX+QNJLOADENgbeAQc1zllr+q3us/2rqPkz3AGEhdSUhTOUZ47HJzyATnFb1z4hsdRxHewyW7lIb+NMfU
YOevavR5WjXxiqcr2IY9P3RWsY81404x0x0/WuGu9Ntrf7RJfQTWfNuV5FDglSCBg5IODjgHJHqcU2x1qxMO5tUhkYlKvcl0WfqWHI/ziojY3H
ic3YeG3topY4UeZXQZG5dBzjgMSePzqdTVyhNaakF/puhaxErWrJuAJhbBUdhtPQe2B7Yqk+kCygiW/1xpLeTG1HJhzg8DCXJx7DHT2qpqnqhV
NPula3KTGPJlJZNjKPKXjB+hNKNha/urKK5vNRdZCCBdJ0uXHn7xbj6kdV5nHduT9zX8De0uHTol55obtkikCgk3lZSRnB3Nk+vGce1ZuqaQL3V4xZ
XZQtg8fMpPzh6VWPhWW3tIbhbujSHA3qVz+PPrWbp/9p6FePdsrwqeSWUGNuwyemcfjStrowlU9xKpCyl+laCsvl3OoyJvRnd4pMMANp+Z
2PHU9/rmti08U6ZayylskkwAxshTuOmCcAjk9DRRTtcc37CKcDl1rxTKuoLPZWYRgkfNKS27HqBjHbuaXUPEupX0RjS7SLeuPKijQ56dNwJ/Wiui5
VY5niKkm9S1deMb+50wwRQQuwE2yM4LHI7r0AORnnNYkdhrPiJty+dMdoiZ2CRsAfwB69h3oopNjBFU6k6IRKUIdPDOQWRjt59EsHOzmY6h
Ng9Ru2gjdCdFwvt6aP8AwgTQW7T3F+ZQVvkeSbAoyc9S2eSD+feioTZ6LpwlidNGxbaNoEmkCa4gjhdCQzyXDqFIPfLYqG1i8PXkn2GRrPy7huP
s7KGWTSvx1XjH9PYIFMymowUeVLUoazDH4e1JWmQXUOPNgjRgPN4JAOei5HJweOxqwuvWi6eZL37RJeXsR8JkMKrE/KBuyMen48kkOU
VMIK1ycTiQkZcvYvafqOhagHS5e2cCYK/aosKvXoXGPsq2paTpf9LJbxxqpQbJLZ/lx1yoGV/SiirtZig1VprmmSMzUfB92lFeC4Qxs+EjkyrBQPUZBOF
pUNnpXiDTRLpiY72GHfnFtNncfXahyfyoopczJqYaCd43QsureJbxjELW4kZ24l+yHf9BgY6D0zVe6l8Qqil5WqBVJb54ZAB+Y6UUU7mHvOLbkys
uuaw2yJt08StuZGia/UAht3zXRWHiuNUcXNIPCSQPKYMfxfzjH60UVXKmiY16kJXP/2Q==", "stateName": "BIHAR",
"districtName": "ROHTAS",
"subdistrictName": "ROHTAS",
"villageName": null,
"townName": "Dehri",
"wardName": null,
"authMethods": [
"AADHAAR_BIO",
"PASSWORD",
"MOBILE_OTP",
"DEMOGRAPHICS",
"AADHAAR_OTP"
],
"tags": {},
"kycVerified": true,
"verificationStatus": "VERIFIED",
"verificationType": "AADHAAR",
"emailVerified": false
}

10.0 Generate QR Code

Generate QR API returns the QR code upon successful validation of the JWT access token.

V3 URL: `{{base_url}}/v3/profile/account/qrCode`

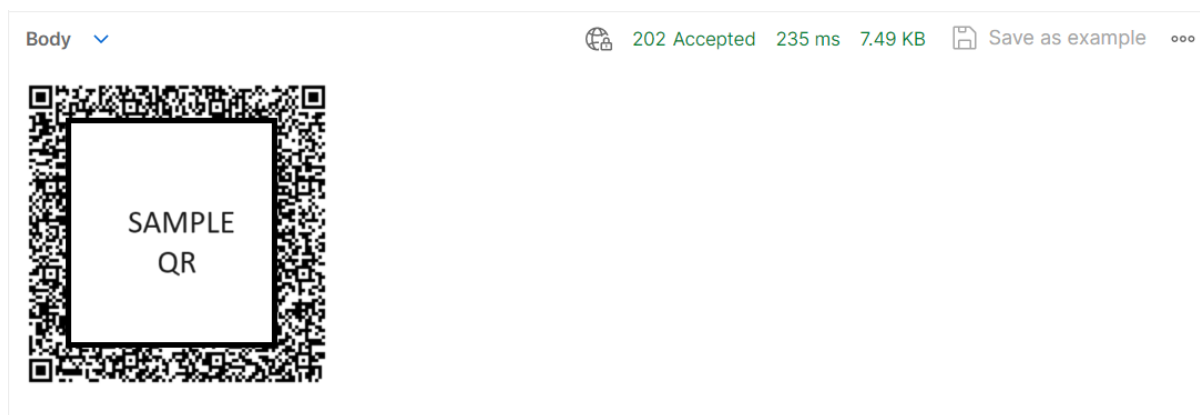
V3 Request: GET **V3**

Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
X-token	Bearer X-token	Yes	X-token of user, user can get X-token after login to the system
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Request body: NA

V3 Response:



11.0 Generate ABHA Card

Get ABHA card API returns ABHA Card upon successful validation of JWT access token.

V3 URL: `{ env_url }}/abha/api/v3/profile/account/abha-card`

V3 Request: GET

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
X-token	Bearer X-token	Yes	X-token of user, user can get X-token after login to the system
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Response:

Response
Code: 202 Accepted
ABHA Card

12.0 Forgot ABHA number

12.1 Recover via Aadhaar OTP

This API used to recover the ABHA number using Aadhaar OTP.

Step 1: Generate Aadhaar OTP

V3 URL: {{base_url}}/v3/profile/login/request/otp

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body Parameters:

Property Name	Value	Mandatory	Description
txnId	Empty	No	Transaction Id is Mandatory to identify the unique transaction for ABHA enrolment. This chains all the steps to enrol in ABHA. Transaction Id will be returned after a successful OTP transaction.
Scope	abha-login, aadhaarverify	Yes	Defines the scope of the current action of the API, following are the values that can be used. ABHA_ENROL("abha-enrol"),
loginHint	aadhaar	Yes	Type of login
loginId	Encrypted Aadhaar number	Yes	Actual value of login type. This needs to be RSA encrypted using a public key
otpSystem	aadhaar	Yes	Otp system to verify login, following are the values that can be used. AADHAAR("aadhaar")

V3 Request Body:

Request Body
<pre>{ "txnId": "", "scope": ["abha-login", "aadhaar-verify"], "loginHint": "aadhaar", "loginId": "{{AADHAAR_encrypted_Output}}", "otpSystem": "aadhaar" }</pre>

V3 Response:

Response
Code: 200 OK
<pre>{ "txnId": "c6a49f66-c740-4a7d-a93d-8c0431bbb8f3", "message": "OTP is sent to Aadhaar registered mobile number ending with*****8510" }</pre>

Step 2: Verify Aadhaar OTP

V3 URL: {{base_url}}/v3/profile/login/verify

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body parameters:

Property Name	Value	Mandatory	Description
Scope	abha-login, aadhaar- verify	Yes	Defines the scope of the current action of the API, following are the values that can be used ABHA_LOGIN("abha-login"), ABHA_PROFILE("abha-profile"), AADHAAR_VERIFY("aadhaar-verify"), EMAIL_VERIFY("email-verify"), MOBILE_VERIFY("mobile-verify"), PASSWORD_VERIFY("password-verify"), CHANGE_PASSWORD("change-password"), RE_KYC("re-kyc"),
txnId	txnId	Yes	Transaction Id is Mandatory to identify the unique transaction for ABHA login.
otpValue	Encrypted OTP value	Yes	
authMethods	otp	Yes	Type of login, following are the values that can be used OTP("otp"), PASSWORD("password"),

V3 Request Body:

```
{
  "scope": [
    "abha-login",
    "aadhaar-verify"
  ],
  "authData": {
    "authMethods": [
      "otp"
    ],
    "otp": {
      "txnId": "{{txnId}}",
      "otpValue": "{{OTP_encryption}}"
    }
  }
}
```

V3 Response:

[illegible]

12.2 Recover via Mobile OTP

This API used to recover the ABHA number using Aadhaar OTP.

Step 1: Generate OTP

API accepts mobile numbers and then generates OTP for the entered mobile number.

V3 URL: {{base_url}}/v3/profile/login/request/otp

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the endtoend request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body parameters:

Property Name	Value	Mandatory	Description
Scope	abha-login, mobile-verify	Yes	Defines the scope of the current action of the API, following are the values that can be used ABHA_LOGIN("abha-login"), ABHA_PROFILE("abha-profile"), AADHAAR_VERIFY("aadhaar-verify"), EMAIL_VERIFY("email-verify"), MOBILE_VERIFY("mobile-verify"), PASSWORD_VERIFY("password-verify"), CHANGE_PASSWORD("change-password"), RE_KYC("re-kyc"),
loginHint	mobile	Yes	Type of login, following are the values that can be used ABHA_NUMBER("abha-number"), MOBILE("mobile"), EMAIL("email"), AADHAAR("aadhaar"), PASSWORD("password"),
loginId	Encrypted Mobile number	Yes	Actual value of login type. This needs to be RSA encrypted using public key

otpSystem	abdm	Yes	Otp system to verify hiu/hip/phr login, following are the values can be used. AADHAAR("aadhaar"), ABDM("abdm"),
-----------	------	-----	---

V3 Request body:

Request Body
<pre>{ "scope": ["abha-login", "mobile-verify"], "loginHint": "mobile", "loginId": "{{[Mobile_Encryption]}", "otpSystem": "abdm" }</pre>

V3 Response:

Response
Code: 200 OK
<pre>{ "txnId": "67f12929-22fd-4826-a8f3-a6fef3e11244", "message": "OTP sent to mobile number ending with *****9260" }</pre>

Step 2: Verify OTP

This API accepts encrypted OTP from the user, once the OTP is successfully validated a session token is generated along with the list of ABHA numbers (ACTIVE and DEACTIVATED) linked with the mobile number.

V3 URL: {{base_url}}/v3/profile/login/verify

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the endtoend request transaction

TIMESTAMP	{{\${isoTimestamp}}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accessToken}}	Yes	Token generated from session API

V3 Body parameters:

Property Name	Value	Mandatory	Description
Scope	abha-login, mobile-verify	Yes	Defines the scope of the current action of the API, following are the values that can be used ABHA_LOGIN("abha-login"), ABHA_PROFILE("abha-profile"), AADHAAR_VERIFY("aadhaar-verify"), EMAIL_VERIFY("email-verify"), MOBILE_VERIFY("mobile-verify"), PASSWORD_VERIFY("password-verify"), CHANGE_PASSWORD("change-password"), RE_KYC("re-kyc"),
authMethods	otp	Yes	Type of login, following are the values that can be used OTP("otp"), PASSWORD("password"),
txnId	txnId	Yes	Transaction Id is Mandatory to identify the unique transaction for ABHA login.
otpValue	Encrypted OTP value	Yes	

V3 Request Body:

Request Body

```

{
  "scope": [
    "abha-login",
    "mobile-verify"
  ],
  "authData": {
    "authMethods": [
      "otp"
    ],
    "otp": {
      "txnId": "{{txnId}}",
      "otpValue": "{{OTP_encryption}}"
    }
  }
}

```

V3 Response:

Response
Code: 200 OK
<pre> { "txnId": "ec5d10f4-41c9-4d7e-b857-4a77b04a35b7", "authResult": "success", "message": "OTP verified successfully", "token": "eyJhbGciOiJIUzUxMiJ9.eyJzdWliOiI5ODcyNjk5MjYwIiwia2xpZW50SWQ9OiJhYmhhLXByb2ZpbGUtYXBwLWFWaSIsInN5c3RibSI6IkcSEEtTilslm1vYmIsZSI6IjE4NzIOTkyNjAiLCJ0eXAiOiJ1cmFuc2ZlciIsImV4cCI6MTcwNzEyMzMywWiaWF0IjoxNzA3MTIzMDYzZfQJn9Xt0UuiVI61-9paqnr0KWoy9T6pdc2QKQRv5qH6NICuJcoYq-ch8JVM7xHa6CkgDvT4PZj_ ", "expiresIn": 300, "accounts": [{ "ABHANumber": "91-2568-7073-XXXX", "preferredAbhaAddress": "nilam12@sbx", "name": "Nilam Barve", "gender": "F", "dob": "07-03-1997", "status": "ACTIVE", "profilePhoto": "/9j/zVr7GGNefc7jIEYzjFLKmwZNaotkU4A5qveRooztpXGY3lGe4RNU4kgBSM7j2Fen2MC29vHChJCKFyep964rSYkWcXUzKiQ8xwgB/vc9QCVHHfHvXbWs8dxAs0EkcsbdHjcMDjjgrXo0YcsTgrT5pBMWWynkX7yxtjnHIFVwvibY5BuUj589iRzj061dj+YICM5JqNh56O+CcsxBPpk4rUyZFKJ13zQHZE2fKg9Qp7e5x09acl6pco4IOSAQMjg4/MnPHTUdrJ5c/IE8HpVuSBJTuK/OMfOOCMDoOaVgRLFKrqGRgynuDmpw3FY32Sa3Km3fl3AHHB2/Nzz+WfNfLI/7pJbuXkbY2GxfYtyM9QcZyDRRQtQZWn03U70lprt7WLGPKt2lzxj5j/EcADnPTtWzpOnzRafJJYhZJ0lwVbManoQAccgBsZx1zRRTa0EpNGfFcRyXE8SRoojYkBGGBG3dgy/Nf++gOatDGOKKK82vFRloelSk3HUgcYYnNRR239o38VpnG/JLegHU/0+poopUopyVx1JNRbQmr+bpV/aRWLRSzRAxmJskAHAQTg5BAUdcZD5ycVJBrUqS+ZqViBJtCm4tC2SA24Bh98KPQFs/3T0oor0kjeZnU2ModAwmWbnKsuPmfX+E8d8DH1B6dKbp7Smwg81NknLvTH3WlyR+tFFMorz5Vgw6g1ows70Vs+xoopMS3Eb5W9qbJFHcgFwcjIDDqAQQf59DRRSgf/9k=", "kycVerified": true }] } </pre>

Step 3: Verify User This API accepts the ABHA number and transaction id, once both are validated a session token is generated.

V3 URL: {{base_url}}/v3/profile/login/verify/user

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the endtoend request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accesstoken}}	Yes	Token generated from session API
T-token	Bearer {{token}}	Yes	Token received in login/verify API. Its' valid for 5mins.

V3 Body parameters:

Property Name	Value	Mandatory	Description
ABHANumber	AbhaNumber_encryption	Yes	encrypted 14-digit ABHA number
txnId	9b4ce0f9-3a27-4598a02ab889479f4fb0	Yes	Transaction Id is Mandatory to identify the unique transaction for ABHA login generated from Verify OTP step.

V3 Request Body:

Request Body
<pre>{ "ABHANumber": "{{AbhaNumber_encryption}}", "txnId": "{{txnId}}" }</pre>

V3 Response:

Response

```
{  
  "token":  
    "eyJhbGciOiJIUzUxMiJ9.eyJzdWUiOiI5MS00MTczLTMyNTMtNTQwNiIsImNsaVVudElkIjoieYWJoYS1wcm9maWxlWFwcC1hcGkiLCJzeXNOZW0iOiJBQkhBLU4iLCJtYm9jaWVudEwMTYxliwiYWJlbnRlcil6jklxLQxNzMtMz1yO1NDAA2LiwiHJIZmVycmVkQWJvYUfKZHJlc3MiOiI5MTQxNzMzMjUzNTQwNkBiYmRtlwiZXhwIjoxNjc0OTI1LCJpYXQiOiJlZ2NzMzNg5MJUsInR4bkkljoiodY1MjEzODgtZThkNS00NzljLWFMvEtYzEyZjE0ZDgyMGMA4n.OiNgXenYMMliGNtNx4OPr29qyXYBunUa3DSKy2TRRWNRNZP1bW6CWNIz-9QbKnfgmDx44Q9QMkQwRxJBnbA9A9SmchriMgG1OWc6H1DittwzdUSfhUKNDABr1eHLbtXcbKqAAIPhZ9uWw7nshhxKXkYmMWPGAUM9T-  
N746Lb4P1qQQfo6RQA7r4fq5g_6fyhFxnIz2_HV2XSvy3gyZZ3ajPmM0APZLMjlYlbvkoX8HXWCYXLXYW7EYdRCh8unJ  
eY3Px2VDqvdsJr3z8jmsGsbltxBTymoJBo3rR243zo2U-wf1dEZuZbsiNko5Yeu67Mu2p3o6z6bAoMzK6crxcus0gw0kuAkUuC8md1Xy4-FD98TtUmEtaSumWW3zs155_J4rk9cd1wmNP0MLRJct5HrpqffXmrSWNatw61VdQp6enUAg9Kkf8eLLiaQFv_qSiKhYmgSFXjk2PBU2nvC3LuDcqf_YxCqxwXc_rrzOLN2h6MzGYQgtXqf1gsrD_IQ7H14-  
BZwkrDeYMYMsDsizCFGqJfJDLQNlf7eZKGmkjTFz_IdUL4EalJ3qX2TbIMCCW5UA2IYbLIJCPClaCLXApf2zpaOnZmBhUr8ycDYTCVnMt6XpZm7J5by-AcAYo0vRN7H-RbJOEq3loLiooPf4dWZd4UUreTA",  
  "expiresIn": 1800,  
  "refreshToken": "eyJhbGciOiJIUzUxMiJ9.eyJzdWUiOiI5MS00MTczLTMyNTMtNTQwNiIsImNsaVVudElkIjoieYWJoYS1wcm9maWxlWFwcC1hcGkiLCJzeXNOZW0iOiJBQkhBLU4iLCJ0eXAiOiJSZWZyZXNoliwiZXhwIjoxNjc0OTI1LCJpYXQiOiJlZ2NzMzNg5MJV9.cyskKue4BcVt-vpx5rCVUeocEXytZFaubtmJHaapUTd4AOdUnhlyOJSBNkHK5IlJcwdpqrRntWj5ynpTFJ8nGrRRi2fbP6Cu89y29KOAnPmSFeaO9kNm1LM53ZA5I9VwAAN3zlQySm8s6ccPFKF_pe-ewHvb73k2k2Injpjtsww_kmVtHs4R46EuhzoKXYx48TOVmsraO1ScfAjYm-R1LZ66T42PXVrJaZ6RSrRmuW6Xc_N7cmDermpjmO3to1ZinEAry8jcHZXnmTTWCTWxzST4TFOQzfQn_t4xmtUQR1QHkcF4M-mpKCRfbaGBazz6DldpvC2HEkbROlZ8_XQDUlgPOon2JX2sMQ27lzobPp4LRwiVTktPaOpTvRBvBW4i6GirYf3i7JXgv4UOtYQQLfnKoh7Izsbtpht4xfIgWWzZ8dzinWRdUUWVEZDP_Fn5oPm1EqH87JDM6mNTQEfrAZ4PxsgAKNXZnxjkV6fCKJkShwsZmgnJtwHiA2Ep48z2zaWQnNQEfMxb_cLmf6aZqDY_2MAVsFddGgj3Hguedkb8kc_OJ705qaGh2XwflS67rTZSehTC1-UZYxA0sQPNS4FLVy3D-mM4VhHNBR7Kp-xEJHOks_3Gz7LqpfiTPyJ4EEovbvWb1HgMBXHv3Guuay4srGisZ4mjE",  
  "refreshExpiresIn": 1296000 }  

```

13.0 Benefit API's

These APIs are used by government integrators with some special benefits.

13.1 Create ABHA using Aadhaar

Step 1: Generate Aadhaar OTP

This API accepts encrypted Aadhaar Number and then Generates OTP for Aadhaar linked mobile number.

V3 URL: {{base_url}}/v3/enrollment/request/otp

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{\${isoTimestamp}}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds

BENEFIT-NAME	Client Benefit name	Yes	Benefit name given to integrators
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

Note: To create account using benefit program, benefit name needs to pass in the header.

V3 Body Parameters:

Property Name	Value	Mandatory	Description
txnId	Empty	No	Transaction Id is Mandatory to identify the unique transaction for ABHA enrolment. This chains all the steps to enrol in ABHA. Transaction Id will be returned after a successful OTP transaction.
Scope	abha-enrol	Yes	Defines the scope of the current action of the API, following are the values that can be used. ABHA_ENROL("abha-enrol"),
loginHint	aadhaar	Yes	Type of login
loginId	Encrypted Aadhaar number	Yes	Actual value of login type. This needs to be RSA encrypted using a public key
otpSystem	aadhaar	Yes	Otp system to verify login, following are the values that can be used. AADHAAR("aadhaar")

V3 Request Body:

Request Body
<pre>{ "txnId": "", "scope": ["abha-enrol"], "loginHint": "aadhaar", "loginId": "{{Aadhaar_encrypted_Output}}", "otpSystem": "aadhaar" }</pre>

V3 Response:

Response
Code: 200 OK

```
{
  "txnId": "c6a49f66-c740-4a7d-a93d-8c0431bbb8f3",
  "message": "OTP is sent to Aadhaar registered mobile number ending with*****8510"
}
```

Step 2: Enrol ABHA

API Accepts Transaction ID (previous step response) and encrypted OTP along with a primary mobile number for ABHA.

V3 URL: {{base_url}}/v3/enrollment/enrol/byAadhaar

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
BENEFIT-NAME	Client Benefit name	Yes	Benefit name given to integrators
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

Note: To create account using benefit program, benefit name needs to pass in the header.

V3 Body Parameters:

Property Name	Example Value	Mandatory	Description
authData	Empty	Yes	Transaction Id is Mandatory to identify the unique transaction for ABHA enrolment. This chains all the steps to enrol in ABHA. Transaction Id will be returned after a successful OTP transaction.
authMethods	otp	Yes	Defines the authentication method used for enrolment, following are the values that can be used. OTP("otp"), PI("pi"),

timeStamp	Actual time, format : "YYYY-MM-DD HH:mm:ss"	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
txnId	Actual Transaction Id	Yes	Transaction Id received as a response to request/mobileOrEmailOTP API
otpValue	Encrypted OTP value	Yes	
Mobile	Primary Mobile number	Yes	If the user wants to use a mobile number which is other than the mobile number which is linked with the Aadhaar number
Consent	-	Yes	
Code	abha-enrollment	Yes	Consent code for creating AHBA number
Version	1.4	Yes	Consent version for creating ABHA number

Note: mobile parameter in the below request is referred to as the primary mobile number

V3 Request Body:

Request Body
<pre>{ "authData": { "authMethods": ["otp"], "otp": { "timeStamp": "2023-07-07 16:48:39", "txnId": "{{txnId}}", "otpValue": "L3y7R6WotN21IVDJACL6d7mDh5MVBUBmXCiyoDMbkP7Cinz4ZjBmrpsUSOqlvE/U9q9/qWw9I8Yf6GDgS0oM9IMu3z1fDOERaW0bQWgt3+tKxwkioHAKO8G2RvUCIPsPeBo2Cnwj9I6CNleT6VbNSrX0ZISK02eFtlOtzfo80iW2OXkAUybhv7DdZL2KxKNrExsubJf74knLgaFRj8TtbvaEMO2gi6EsdFOgh3SzvGh9oFYdOi5etlwyqvz1evjvfFQFiRAQro7c1ksl59y2sn9JThbvZxQLH8eNWN802lysqaCr+tzVU/SaEK5fl3yUWdDIW2qJZQP1XtutHBqVHLB2SNDzt8Uta/UnrBBASuQz+dHfGikR2L4qxeGib7R5Q9qDutczVlxzLVNTdSeGOujVpl2YvYa7E5k4rCCQyH91rpfXOK3ioa5vtklr3XC1pM+Ni57wgRKLfnxcl4XDgAcDv117/9T90JeqIBOWVmvKNBSEFjFSnd7feiE388E11fVblj86HoA7UwgSYybKSe7/YpqEOu0OE9VrFCWHHboXgOE/sLio3KJFTsRAQi9QntIO2ycirCC5S7/neQ1B8WYQyPEj533ArBYNfdzkm4x67PtZUTiuG4lwlQ6GnfjD5CC0iXZjvnZHUelQYUINuXrns5ze7pxretKmYCE=", "mobile": "{{mobile_number}}" } }, "consent": { "code": "abha-enrollment", "version": "1.4" } }</pre>

V3 Response:

Response
Code: 200 OK

[illegible]

WVFN6lVNit5WtXBy95nPcuf8Khm03UNnzXsZPpk1RvtcurKS6t3+ziS3l8vy28ws3UEjtgY74PlxnnBJf3MKQSzxtCJ0Doc5Vgf5V3OF5xyqULgLu
VJDbxXSIZBwH7NXN6hb+Xqy8HD84rrdovlQJUBz0rF1+LyZYLjGdhwR61VFrmJqp2O78JaUlKW8n+eZgNoI4UY4FduiEqOMd65PwlqCX2nxzqR

```

82cj+6R1BrInXaK6zjY0hu4prZxxU+4U0stAgGcUjA471ICKdkYoGYepRMUBivN/EcZWNjipmvVr4L5ZzXm/iZFKSYpDRzugQ/K7Ecs1dMbMXEO
COKwNEkVSV98V2enlGTaQOa8/EtqVz0MMro5v+y3guN8BMR/2aultwJxO0UMky9JGhXd7c4rqEtYs5YfSPHGuRGjM3UDFYKuzpdFGNMLy
W3M10xK9FV2J3H2zTNMhaK4QnLMe/rV69jkX97cDGPur2FSaPAbmcSkcdqmc7xY4x95FjV4pHslZwKwoEulvngdlIk7Tgkeua7TU7UtabcZG
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    "email": null,
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    "address": "DILDARPURA, Achalpur, Achalpur, Amravati, Maharashtra",      "districtCode":
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    "stateCode": "27",
    "pinCode": "444806",
    "abhaType": "STANDARD",
    "stateName": "MAHARASHTRA",
    "districtName": "AMRAVATI",
    "ABHANumber": "91-2168-5577-XXXX",
    "abhaStatus": "ACTIVE"
},
"isNew": false }

```

Note:

1. If the primary mobile number matches with Aadhaar linked mobile number then mobile is saved in DB and if the primary mobile number is different from Aadhaar linked mobile number then mobile is not saved and its value is null.
2. In case mobile number is null, it can be update using mobile updation APIs. To update the mobile number please refer [Section: 3 \(Step 4- ABHA Mobile Verification\)](#).
3. After creating account, need to create ABHA address. For ABHA address creation please refer [Section: 3 \(Step 6: ABHA Suggestions and ABHA Address creation\)](#).

13.2 Create ABHA via Biometric

13.2.1 Create ABHA via FingerPrint

Note : List of UIDAI-approved biometric devices

- <https://uidai.gov.in/en/ecosystem/authentication-devices-documents/biometric><https://ind01.safelinks.protection.outlook.com/?url=https://uidai.gov.in/en/ecosystem/authentication-devices-documents/biometric-devices.html&data=05|02|Kushal.Pandita@ltimindtree.com|022d6e5cc5ca4c50ddc708dd93aaf31c|ff355289721e4dd7a663afec62ab9d54|0|0|638829084605444457|Unknown|TWfPbGZsb3d8eyJFbXB0eU1hcGkiOnRydWU=IiYiOilwLjAuMDAwMCIslIAiOiJXaW4zMilslkFOljoiTWFpbCIsIldUIjoyfQ==|0||&sdata=I/nQjzqQwmHiwJj++2ueol9Tlnbz1iunxdtKxwPjPLQ=&reserved=0>[devices.html](https://uidai.gov.in/en/ecosystem/authentication-devices-documents/biometric-devices.html). (Kindly note that the list is updated by UIDAI periodically.)

This API creates an ABHA account using FingerPrint.

V3 URL: {{base_url}}/v3/enrollment/enrol/byAadhaar

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
BENEFIT-NAME	Client Benefit name	Yes	Benefit name given to integrators
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

Note: To create account using benefit program, benefit name needs to pass in the header.

V3 Body Parameters:

Property Name	Example Value	Mandatory	Description
authData	Empty	Yes	Transaction Id is Mandatory to identify the unique transaction for ABHA enrolment. This chains all the steps to enrol in ABHA. Transaction Id will be returned after a successful OTP transaction.

authMethods	bio	Yes	Defines the authentication method used for enrolment, following are the values that can be used. BIO("bio"),
txnId	Actual Transaction Id	Yes	Transaction Id received as a response to request/mobile Or Email OTP API
fingerPrintAuthPid	Encrypted fingerPrintAuthPid value	Yes	PID value is base 64 encoded which is generated by fingerprint scanner device.
Mobile	Primary Mobile number	Yes	If the user wants to use a mobile number which is other than the mobile number which is linked with the Aadhaar number
Consent	-	Yes	
Code	abha-enrollment	Yes	Consent code for creating AHBA number
Version	1.4	Yes	Consent version for creating ABHA number

Note: mobile parameter in the below request is referred to as the primary mobile number

V3 Request Body:

Request Body
<pre>{ "authData": { "authMethods": ["bio"], "bio": { "aadhaar": "{{Encrypted Aadhaar Number}}", "fingerPrintAuthPid": "<PID>", "mobile": "{{mobile_number}}" } }, "consent": { "code": "abha-enrollment", "version": "1.4" } }</pre>

Note: Checkpoints to generate fingerPrintAuthPid:- Ir = 'Y'; (This Attribute should be passed as 'Y' otherwise it will give K-547 error) ra = deviceType; rc = 'Y'; de = 'N'; pfr = 'N'; text = '2.5' + ra + rc + Ir + de + pfr; wadh = Base64.stringify(sha256(text)) or Convert to SHA-256 and then to base64.

V3 Response :

- a) If the primary mobile number matches with Aadhaar linked mobile number.

Response

Code: 200 OK

```
{
  "message": "Account created successfully",
  "txnId": "2ec82835-9314-4296-acc0-5d526371998d",
  "tokens": {
    "token": "eyJhbGciOiJIUzUxMiJ9.eyJpc0t0Yy1ZlcmImaWVkljpwOcnVILCjZdWliOil5MS0xNjAxLTQ1NDgtMTM4MCIslmNsaWVudElkloiYWJoYS1wcm9maWxlLWFwcC1hcGkiLCJzeXN0ZWoiOiBjbQkhblU4IChjY2NdW50VHlwZSI6InNOYW5kYXJkdliiwibW9iaWxlljpuZDVsLClhYmhhTnVtYmVyljoiOTEtMTYwMS00NTQ4LTEZeODAiLCJwcmVmZXYjZWRYbmhhQWRkcmlvY2VyMTQ1NDgxMzgWQHNieCIsInR5cCI6IlRyYW5zYWN0aW9uliwiZXhwIjoxezE1ODUwNDY2LCJpYXQiOiJleS0tMTQ1NDg2NjYsInR4bklkloiMmVjODI4MzUtOTMxNC00Mjk2LWFlajYzAtNWQ1MjYzNE50THknlnO.NXTXyzvRMGVTAeByPw9rLFHyPASOVeshK9fvMFY1X00uOLBJNQSZsS0lloWBcou6yw5wDCA9a03W59UUGEOjxs9QXQGOC5eyWVQSMLsuYwxjhMXNOyNhQxFtMijXZFgiXEucShznT5f0UHZNid82dw-bljZpwFoY_y66tmxpHme7Z5kvGKmiheUKpQBcSw6pj6WzzuA2AVB0w15yLW3LadxsMZqFTESaCx_c_iQSJc2HOcgduWQu4L9i5rJLEn8Rn4yx_DDjgtAtP6Gem5jy-82qQausJUyC30kvuExY5BFvpvnXHarJoAtmkCRwncl_mJf4TLjl8ygfAncXm-EIZhwhV3TXfhCg6lgngb-YXN6668oAoGCg8G5tljjim6-5yEKJH4bgArhsYj_OdjLKK_UqFjXRpy6ColJ6_s_qgNBuvTa1Mw9Loc12Tfj3_P_gKxoBrPz5AA_aYOIQYsnB5TISI4dzN2HaTrVgeosYDHphVXNPnHoexVoBWqhZ_A-aOpY-j9j2qeRRXOdWiRgl47juFDPO_ze_iBBCgYxZqdfdmf35Hk3JXbe1_Y3Qs12PG8dXB9vggh3flkxH_swTMR13JJYWwNcu9CAFxbcirTEDTWngdh2JZNDOboboz7_Q68_L8rxGM49kZCcqaVWr5jlpPsGvJ7Ban3Ur8kk",
    "expiresIn": 1800,
    "refreshToken": "eyJhbGciOiJIUzUxMiJ9.eyJzdWliOil5MS0xNjAxLTQ1NDgtMTM4MCIslmNsaWVudElkloiYWJoYS1wcm9maWxlLWFwcC1hcGkiLCJzeXN0ZWoiOiBjbQkhblU4IChjY2NdW50VHlwZSI6InNOYW5kYXJkdliiwibW9iaWxlljpuZDVsLClhYmhhTnVtYmVyljoiOTEtMTYwMS00NTQ4LTEZeODAiLCJwcmVmZXYjZWRYbmhhQWRkcmlvY2VyMTQ1NDgxMzgWQHNieCIsInR5cCI6IlRyYW5zYWN0aW9uliwiZXhwIjoxezE1ODUwNDY2LCJpYXQiOiJleS0tMTQ1NDg2NjYsInR4bklkloiMmVjODI4MzUtOTMxNC00Mjk2LWFlajYzAtNWQ1MjYzNE50THknlnO.NXTXyzvRMGVTAeByPw9rLFHyPASOVeshK9fvMFY1X00uOLBJNQSZsS0lloWBcou6yw5wDCA9a03W59UUGEOjxs9QXQGOC5eyWVQSMLsuYwxjhMXNOyNhQxFtMijXZFgiXEucShznT5f0UHZNid82dw-bljZpwFoY_y66tmxpHme7Z5kvGKmiheUKpQBcSw6pj6WzzuA2AVB0w15yLW3LadxsMZqFTESaCx_c_iQSJc2HOcgduWQu4L9i5rJLEn8Rn4yx_DDjgtAtP6Gem5jy-82qQausJUyC30kvuExY5BFvpvnXHarJoAtmkCRwncl_mJf4TLjl8ygfAncXm-EIZhwhV3TXfhCg6lgngb-YXN6668oAoGCg8G5tljjim6-5yEKJH4bgArhsYj_OdjLKK_UqFjXRpy6ColJ6_s_qgNBuvTa1Mw9Loc12Tfj3_P_gKxoBrPz5AA_aYOIQYsnB5TISI4dzN2HaTrVgeosYDHphVXNPnHoexVoBWqhZ_A-aOpY-j9j2qeRRXOdWiRgl47juFDPO_ze_iBBCgYxZqdfdmf35Hk3JXbe1_Y3Qs12PG8dXB9vggh3flkxH_swTMR13JJYWwNcu9CAFxbcirTEDTWngdh2JZNDOboboz7_Q68_L8rxGM49kZCcqaVWr5jlpPsGvJ7Ban3Ur8kk"
  }
}
```


b) If the primary mobile number is different from Aadhaar linked mobile number.

Code : 200 OK

```
{  
  "message": "Account created successfully",  
  "txnId": "2ec82835-9314-4296-acc0-5d526371998d",  
}
```


"token": "eyJhbGciOiJIUzUxMiJ9.eyJpc0t5Y1ZlcmImaWVkJpOcnVlLCJzdWlloIi5MS0xNjAxLTQ1NDgtMTM4MCIsmNsaWVudElkjoYiYWJY51wcm9maWxlLWFWcC1hcGkiLCJzeXNO2W0iOiBQkqBLU4iLCJhY2NvdW50VHlwZSI6InNOYW5kYXJkIiwibW9iaWxlljpudWxslLCJhYmhhTnVYmVjoiOTETmTYwMS00NTQ4LTEzODAiLCJwcmVmZXYjZWRYbmhhQWRkcmVzcyl6ijxkMTYwMTQ1NDgxMzgwQHNieCIslR5cCI6IlRyYW5zWN0aW9uIiwiaXhwljNzE1ODUwNDY2LCJpYXQiOiE3MTU4NDg2NjNjYlRn4BklkljoiMmVjODI4MzUtOTMxNCO0Mjk2LWFljYzAtNWQ1MjYzNE50THkn0i.NXTXZhwjrnMGVTaeBvyrPW9rLFhYPASOveshK9fvMFY1X00u0LBNJQ5Z5S0lIowBCOU6yW5wDCA9y0JGEQJx9XQXQG0C5yWVQSMLsuYwxjhMXN0yNhQxFtMxiJZFfGiXJECuCsHzn25f0UHZInD82dw-lJjZpwFoY_y66tmxphMe7Z5kvGKmiheUKpQBcSw6pj6WzzuA2AVB0w15yLW3LAdsxMZqFTEsACxCI_QJSJC2HOCgduWQu4L9i5rJLEn8Rn4yx_DDJtxAtP6Gem5jy-82qQauslJyC30kvuxEY5BFvpvpnXHarJoAtmkCRwnci_mjF4TLj8ygfAncXmElzhhwv3TXfhCg6lgnbg-XN6668oAoGc8G5tlijim65yEKJ4bqArhsY_ODJLKK_UqFjXrPy6CoJ6S_qgNBUvtA1Mw9LOc21Tfj3_P_gKxoBPz5AA_aYOiqQYsnB5TISI4dzN2HaTrVgeosYHphvxNnHoe XvoBWqhz_A-oOpY9j21qeR8dWfiRgl47juFDPO_ze_iBBcGyXZqdfdmf35Hk3Xbex1_Y3Qs21P68dX89vgh-3fLkxH swTMR13JJYWNcU9YCAFxbcrTEDTWTngdh2J2ND0boz7_Q68_L8rxGM49kZCQCAVwR5jlPsGvj7Ban3Ur8kk",

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"refreshToken": "eyJhbGciOiJIUzUxMiJ9.eyJzdWIiOiI5MTQ0NDgtMTM0MCIslmNsaWVudElkiOiYjYWJoYS1wcm9maWxILFwFcGKilCJzeXN0ZW0iOiBkQkhBLTU4LjE0eXAiOiJSZS9yZXN0liwiZSwjZlJlcjYjYXQiOiE3MTU0NDg2NjZ9.feDbP3ZZ5rjyVHVNTjt2
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OrdahgMBmoiCPpRRQwaOk8MwEWkwtR/rHwp9h/9fNb8a85oortgrRR51T4mTKKkKKKCRaO9FFMBvenUUUAf//Z",
"mobile": null,
"email": null,
"phrAddress": [
  "91160145481380@sbx"
],
"address": "165/2 Plot no-25 Mangalai Colony Shahunagar, Godoli, Satara, Maharashtra", "districtCode":
"494",
"stateCode": "27",
"pinCode": "415001",
"abhaType": "STANDARD",
"stateName": "MAHARASHTRA",
"districtName": "SATARA",
"ABHANumber": "91-1601-4548-XXXX",
"abhaStatus": "ACTIVE"
},
"isNew": true
}

```

Note:

1. If the primary mobile number matches with Aadhaar linked mobile number then mobile is saved in DB and if the primary mobile number is different from Aadhaar linked mobile number then mobile is not saved and its value is null.
2. In case mobile number is null, it can be update using mobile updation APIs. To update the mobile number please refer [Section: 3 \(Step 4- ABHA Mobile Verification\)](#).
3. After creating account, need to create ABHA address. For ABHA address creation please refer [Section: 3 \(Step 6: ABHA Suggestions and ABHA Address creation\)](#).

13.2.2 Create ABHA via FaceAuth

This API creates an ABHA account using FaceAuth.

V3 URL: {{base_url}}/v3/enrollment/enrol/byAadhaar

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
---------------	---------------	-----------	-------------

REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{IsoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
BENEFIT-NAME	Client Benefit name	Yes	Benefit name given to integrators
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

Note: To create account using benefit program, benefit name needs to pass in the header.

V3 Body Parameters:

Property Name	Example Value	Mandatory	Description
authData	Empty	Yes	Transaction Id is Mandatory to identify the unique transaction for ABHA enrolment. This chains all the steps to enrol in ABHA. Transaction Id will be returned after a successful OTP transaction.
authMethods	face	Yes	Defines the authentication method used for enrolment, following are the values that can be used. FACE("face"),
txnId	Actual Transaction Id	Yes	Transaction Id received as a response to request/mobileOrEmailOTP API
rdPidData	Encrypted rdPidData value	Yes	PID value is base 64 encoded which is generated by the Aadhaar RD service application
Mobile	Primary Mobile number	Yes	If the user wants to use a mobile number which is other than the mobile number which is linked with the Aadhaar number
Consent	-	Yes	
Code	abha-enrollment	Yes	Consent code for creating ABHA number
Version	1.4	Yes	Consent version for creating ABHA number

Note: mobile parameter in the below request is referred to as the primary mobile number

V3 Request Body:

Request Body

```
{
  "authData": {
    "authMethods": [
      "face"
    ],
    "face": {
```



```
"aadhaar": "{{Encrypted Aadhaar Number}}",
"rdPidData": "<PID>",
"mobile": "{{mobile_number}}"
},
"consent": {
  "code": "abha-enrollment",
  "version": "1.4"
}}
```

V3 Response :

a) If the primary mobile number matches with Aadhaar linked mobile number.

Response
Code: 200 OK

[illegible]

b) If the primary mobile number is different from Aadhaar linked mobile number.

```
Response

Code : 200 OK

{
  "message": "Account created successfully",
  "txnId": "2ec82835-9314-4296-acc0-5d526371998d",
  "tokens": {
    "token": "eyJhbGciOiJIUzUxUmMiJ9.eyJpc0t5Y1ZlcmllmaWVklj0cnVlClJzdWliOiI5MS0xNjAxLTQ1NDgtMTM4MCIsImNsaVVudElkIjoieWJlOYS1wcm9maWxlWFwcC1hcGkiLCJzeXNOZW0iOiBjbQkhblU4iLChY2NvdW50VHlwZSI6InN0YW5kYXJkIiwibW9iaWxlpudWxsLCJhYmhhTnVtYmVljoiOTETMTYwMS00NTQ4TEZEODAiLCJwcmVmZXJyZWRBYmhhdGVRcsmVzcyl6ljkxMTYwMTQ1NDgxMzgwbQHNieCislnR5cCI6IlRyYW5zYWNoaW9uIiwiaXhwIjoxNzE1ODUwNDY2LCJpYXQiOiE3MTU0NDg2NjZjNyIsbnR4bkkljoIMmVjODI4MzUtOTMxNC00Mjk2LU4FjYzAtNWQ1MjYzNE50THkin0.NXTXYzvRmGVTAeByvPW9rLFhYPASOVeshK9fvMFY1X00u0LBjNQ5ZzSS0IIOWBCOU6yW5wDCA9a03W59UUGEOjXs9QXQGOC5eyWVQSMLsuYwxjhMXN0yNhQxFtMiXjZFfGiXEUCsHznt5f0UHZInd82dw-blJzpWfoY_y66tmxpHme7Z5kvGKmiheUKpQBcSw6pj6jWzzuA2AVB0w15yLW3LAdsxMZqFTES-aCx_c_iQJSJC2HOcGduWQu4L9i5rJLEn8Rn4yx_DDJgtxAtP6Gem5jy-82qQauslJuYC30kvuExY5BFpvnpnXHarJoAtmkCRwncl_mJf4TLjl8ygfAncXmEIzhhwV3TXfhCglgnbg-YXN6668oAoGCgc8G5tljjim6-5yqEKH4hgArhsYl_OdjLKK_UqFjXRPy6CoJ6s_qgNBUVtA1Mw9LOc12Tfj3_P_gKxoBrPz5AA_aYOIQYsnB5TISI14dzN2HaTrVgeosYDHphVXNPnHoeXvoBWqhZ_A-oOpY-j9j2qeRRXOdWiRgl47juFDPO_ze_iBBcGYxZqdmdmf35Hk3JXbe1_Y3Qs12PG8dx8BVgh-h3flkxH_swTMR13JJYWncU9CAFXXbcirTEDTWngdh2JZNDOboz7_Q68_L8rxGM49kZCQcaVWr5jIPsGvj7Ban3Ur8kk",
    "expiresIn": 1800,
    "refreshToken": "eyJhbGciOiJIUzUxUmMiJ9.eyJzdWliOiI5MS0xNjAxLTQ1NDgtMTM4MCIsImNsaVVudElkIjoieWJlOYS1wcm9maWxlWFwcC1hcGkiLCJzeXNOZW0iOiBjbQkhblU4iLClJOeXAiOiJlUzZwZyZlNXNoliwiZXhwIjoxNzE1ODUwNDY2LCJpYXQiOiE3MTU0NDg2NjZjNy.feDbP3ZZ5rjyVHVhtjt2MkecmaRMMoorscip-
```

812w899srCCKvdqawh2dwyDsJLOJS6O7tw1g5Bu7qQJdr3GxfQDFzGV3rejfVDNyuq8ZRzyUrrWR3x3P54JbZ51msY0W166arm0SSypaKKitaXsc
QqykCwbeuGzMjSWWaENcAVH26XOBVUheZez4ctFpi-
INt51vH3rp0QOy6ZmeCH7uYprcihqRWyOabsYV4rOy41ioTyJxLS0Odw4m0OhXFiEVzZWnzrHvrualawWFPcw1Ervv9KQu-
Ph33wQ56wWep5Q4wff29BvNcG3LOadbol0biVcKH0BxcXmvVV0pJybz2gMcrKJIT3TnpYI2LzuwaNcvN4u1NR0tNWLo1iyHk8mMML_DAAquJ
_x8b0zUkHYm4Ow7sSul_kIE8_QrT4bGiHa24b_x1XxfRPL3V-drvQzAnCHaiCK-

[illegible]

"address": "165/2 Plot no-25 Mangalai Colony Shahunagar, Godoli, Satara, Maharashtra",
"districtCode": "494",


```

"stateCode": "27",
"pinCode": "415001",
"abhaType": "STANDARD",
"stateName": "MAHARASHTRA",
"districtName": "SATARA",
"ABHANumber": "91-1601-4548-XXXX",
"abhaStatus": "ACTIVE"
},
"isNew": true
}

```

Note:

1. If the primary mobile number matches with Aadhaar linked mobile number then mobile is saved in DB and if the primary mobile number is different from Aadhaar linked mobile number then mobile is not saved and its value is null.
2. In case mobile number is null, it can be update using mobile updation APIs. To update the mobile number please refer [Section: 3 \(Step 4- ABHA Mobile Verification\)](#).
3. After creating account, need to create ABHA address. For ABHA address creation please refer [Section: 3 \(Step 6: ABHA Suggestions and ABHA Address creation\)](#).

13.2.3 Create ABHA via IrisAuth

This API creates an ABHA account using IrisAuth.

V3 URL: {{base_url}}/v3/enrollment/enrol/byAadhaar

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
BENEFIT-NAME	Client Benefit name	Yes	Benefit name given to integrators
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

Note: To create account using benefit program, benefit name needs to pass in the header.

V3 Body Parameters:

Property Name	Example Value	Mandatory	Description
---------------	---------------	-----------	-------------

authData	Empty	Yes	Transaction Id is Mandatory to identify the unique transaction for ABHA enrolment. This chains all the steps to enrol in ABHA. Transaction Id will be returned after a successful OTP transaction.
authMethods	iris	Yes	Defines the authentication method used for enrolment, following are the values that can be used. IRIS("iris"),
txnId	Actual Transaction Id	Yes	Transaction Id received as a response to request/mobileOrEmailOTP API
pid	Encrypted PID value	Yes	PID value is base 64 encoded which is generated by iris scan device.
Mobile	Primary Mobile number	Yes	If the user wants to use a mobile number which is other than the mobile number which is linked with the Aadhaar number
Consent	-	Yes	
Code	abha-enrollment	Yes	Consent code for creating AHBA number
Version	1.4	Yes	Consent version for creating ABHA number

Note: mobile parameter in the below request is referred to as the primary mobile number

V3 Request Body:

Request Body
<pre>{ "authData": { "authMethods": ["iris"], "iris": { "aadhaar": "{{Encrypted Aadhaar Number}}", "pid": "<PID>", "mobile": "{{mobile_number}}" } }, "consent": { "code": "abha-enrollment", "version": "1.4" } }</pre>

V3 Response :

a) If the primary mobile number matches with Aadhaar linked mobile number.

Response
Code: 200 OK

```
{
  "message": "Account created successfully",
  "txnid": "2ec82835-9314-4296-acc0-5d526371998d",
  "tokens": {
    "token": "eyJhbGciOiJIUzUxMUJ9.ejlpc0t5YzIcmlmaWVkljp0cnVlCjZdWliOil5MS0xNjAxLTQ1NDgtMTM4MCIslmNsaWVudElkloiYWJwOYS1wcm9maWxlWFwcC1hcGkiLCJzeXN0ZW0iOiBQKhBU4iLClhY2NvdW50VHlwZSI6InNOYW5kYXJkIiwibW9iaWxlljpuZDVsLClhYmhhTnVtYmYyIjoIOEtmTYwWmS00NTQ4LTEzODAilCJwcmVmZXJyZWRYbmhhQWRkcmlvZcyI6IjkyMTYwMTQ1NDgxMzgWQHNieCIsInR5cCI6IlRyYW5zYWNoaW9uliwiZXhwIjoxNzE1ODUwNDY2LClpYXQiOjE5MTU4NDg2NjYsInR4bkklkloiMmVjODI4MzUtOTMxNC00Mjk2LWFjYzAtNWQ1MjYzNE50THknIn0.NXTXYzvRmGVTAeBytPwIXLFHyPASOVeshK9fvMFY1X00uOLBJNQ5ZsSS0IIHoBCOU6yW5wDCA9a0W59UUGEOjXs9XQQYZCseyVVQSMLSluYwxjhMXN0ynNhQxFtMiJZFfGiXEUCshHznt5q6UHZIND82dw-bljZpwFoY_y66tmxpHme7Z5kvGKmiheUKpQBcSw6pj6WzzuA2AVB0w15ylW3LADsxMZqFTESaCx_C_iQSJC2HOcGduWQu4L9i5rJLEn8Rn4yx_DDjgtAtP6Gem5jy-
```

[illegible]

Response

Code : 200 OK

[illegible]

```

OuMkfNJ8x/GuvDrW5w4l2VjbZ1pwaowaUGuw4YiHNLmohTgaAFppp5ppNikjbrWbq1jFfWxilXOCCK02qtORtOamSurFJ21PGtWtfs16VUD5
WK8dqvacbCYC57V1OtR2QHlBhVn4L471xdudshwepauOpT5VqdtKrzM6uK7CJkkdKEvAcS7Wl5heMhSaha5aND1JHbNc/KdfObr3mQRkVmSS
QtNu3AEelYJvLy5IKkeWua2dO0b7Vjdcqvrmt4U+4leexPLOjpxLkemKZfcQOFYEjtV+TQLdYiftS4X0Nc5qNp5DnyJmNU6aHKDgrm2t4WUjOCkeL
vK4ziucsczoD5z7s9MctDdtHXJrFwsQp3ReiBvdRhghIZwD9K9KgQRxIqCqAAK4jwjp/2i7kun+5GML9a7oDHeu6hG0bnBWneQ4U4U0UorcwHil
puaCAAjM000pNNNSla2cVUuXVY8E81afkVn3Uagbm5BHegDzjx5eMsDCOXCNrtrktCu3kgKuxJB4NdJ4+ni+ztCi/P1AHb3rkvDymSCb+8rcVz1tj
ppHUJOY8HtUhXzCWzwapRSBxg9R1zVuCZQdrVzWsjpUiBkAb5eoqRZ7pP9Woqz9nVvmq9aQK0i8ge9JT1NUmZbXd6UwRgnrxUPztzJXUy21u
B8pye9ZE0aKcU3N7Dab3ZRT5s+ISJG00qRlpLE4FNkbyvIHU10vhWxSRnupCCyMAo960pw5mc9SfKjq9IsF0/To4QPmxlj6mtAGmoeKd1rutY4L
3DJ7U4UgpaYC80v1oFFAEh5NNNXV06U/eIFTLpifxOT9KjmQ1FsyjOrL1GQRW7s7YUD0a6ptMhbGCwH1qG40KyuYDFLWUUnn5utLmQ3Bnz5r
Md3qVyl7e3lmmuGyqlpYkdunNUPD1jcWtxdx3ELxYfbh1wcjRX0SdI0/SLeSa0toopNmN56gD39K8iumE97JLhhvYtgnOOa5609LI3orUybyqzdDvT
rVIXDKcNwwrp0jVvK2sMis290sZLKOK54z6M6pQ6kEOphV2uPqxZdQTOVbFZ5syDgg4pBZdwxp8qBSaNDV4IL5z3qM3e7OOTVH7Kw6E1PFaEn
nmhJIHKTJQ5kfPU/yrsvCbqtvJEw5L5z+FcxHb7BjFamkam9pqNvZrCHE8iruzyuTitaM1zGFWD5D0OLp7VLzUyW6FB1/Cpo7NGIHv186OSxTap
1aC2MRXnOfRqBBGGVYihTQWZQoq01hPukGomt5U6oarmQWN6iisDpCiiigTKeqRGbT5ox1ZCB+VeKSJhwccV7nMMxmvJtZ042WpSxY+Xdlf
oelYV1pcug/eaM6lflUrRbl680xU2mp1xjmuQ7TNlt9rElaaLWMjOK0ymR1zULRjHTFUpNC5TOa3XPFTxW3tU2xQc4wanDALgUXYKJXaMKKjs5
Eg1i0nYfckGfVh+elQw2cl7eRW0f3pGwD6e9VB2ZnUWwh6zbDdCG9qtwjrUVsg8nA+ITxLhDXaedYeo+WnKMUKOBSgUDF7UmKXFFAyaiimah
RRRQAJLuUiuS8Uad5sK3Cr8ycN9K66q15brPE8bDlcYNTOPMrEr3ZcyPKZLYgcDiq4BBxit64tWguGjfgq2BVWW2yeRg153kz0lu6M/BxxUZDHPz
V9YecYqTyQD0oLMkxtmk2nOMVqPGuOahMa5zTEUxEcEn/9Vb/g7TvNupr91+VP3cf17n8v51izMP8AVr1716Fo1mLPsreHHzbdfU8mt6Mbyv
2OXESTGxp264WpwuFpsS4WpR1rqZxoMcUoHrTgKMUDGkUmKU0o6UAPooopmoUUUUAFlwyppaKBPY5PX7YlDLiBw45+tZOBIQkjBTODHT9a
6rW7bzbQsOsZ3fhXLOoj3rirRtl6qD5o+gy60+4tSrOh2HkOOQfxq3TlrUttSntlzEQstuesUgyPw9KVI0y5gedBPBs+/GBvBz0wf8ajlXQ05mviOf
mc1VbzG+UKcnvWs6lxlSPaPVjk00IoHP50rMq9ylyWDT3kMLfxuA30716Yq4x6CuT8Pwebqu/HESE59zx/jXXKOQK66C925w4h3lYmQcVIBTVH
NPFamI7NFIOKWgBDQKKA0aAHUuuUzUKKKKACiiigGQ3EYkjKkcEYNcRcxNBcSRnqpxRRWFFy0ofE0V5DkDFMSeeCOWOKUqko+dcD5qK572
OrdahgMBmoiCPpRRQwaOk8MwEWktwR/rHwp9h/9fNb8a85oortgrRR51T4mTKKcKKKCRaO9FFMBvenUUUAf//Z",

```

```

"mobile": null,
"email": null,
"phrAddress": [
  "91160145481380@sbx"
],
"address": "165/2 Plot no-25 Mangalai Colony Shahunagar, Godoli, Satara, Maharashtra", "districtCode": "494",
"stateCode": "27",
"pinCode": "415001",
"abhaType": "STANDARD",
"stateName": "MAHARASHTRA",
"districtName": "SATARA",
"ABHANumber": "91-1601-4548-XXXX",
"abhaStatus": "ACTIVE"
},
"isNew": true
}

```

Note:

1. If the primary mobile number matches with Aadhaar linked mobile number then mobile is saved in DB and if the primary mobile number is different from Aadhaar linked mobile number then mobile is not saved and its value is null.
2. In case mobile number is null, it can be update using mobile updation APIs. To update the mobile number please refer [Section: 3 \(Step 4- ABHA Mobile Verification\)](#).
3. After creating account, need to create ABHA address. For ABHA address creation please refer [Section: 3 \(Step 6: ABHA Suggestions and ABHA Address creation\)](#).

13.3 Link OR Delink ABHA With Benefit Name

13.3.1 Link ABHA With Benefit Name

Step 1: This API is used to Link ABHA account with benefit name.

V3 URL: {{base_url}}/v3/profile/benefit/linkAndDelink

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{\${isoTimestamp}}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
BENEFIT-NAME	Client Benefit name	Yes	Benefit name given to integrators
X-token	Bearer X-token	Yes	X-token of user, user can get X-token after login to the system
Authorization Token	{{accessToken}}	Yes	Token generated from session API

V3 Body parameters:

Property Name	Example Value	Mandatory	Description
Scope	link	Yes	Based on preference link option
loginHint	abha-number / xmlUid	Yes	Based on preference link by abha number or xml uid
loginId	RSA Encrypted abha number / xml uid	Yes	Based on preference link by abha number or xml uid values

a) Link by ABHA number.

V3 Request Body:

Request Body (Link)
<pre>{ "scope": ["link"], "loginHint": "abha-number", "loginId": "DhcsvJORTk4LITxYHyGehwc9bssmiLDUxwAF6quQHtZ0suDJZWfSaEzbdNCOA8wr4NM3woa995KLzCj3p2u1uXnJkZWGldYOfW3UnOcfWdZ FMNbtXjfg2ChcZFTZjYPHJVW2H/14BUxl4UvU74FM4LD1rmjotqF5PgryyNnNRFaQMZ7iq6l8PZk7oXa92Qpk1kJTRHUt84uv1lsslqsUr3Hngl pLbOHuuPMixG/balCpe0MAXuVyDXIratJATAWAuOI0ucNGaAJcUhjcwXuuDeERDg4rhcyAxTm9rkf6TJzQuF8uw0Nr9A95Brcus141Dy/ORcmF GzLzHCkby0zKnEXn6QQSszZ70coLXoTOjpV3CtJ2wt22oZd62zvwrk8TFRnA8Z8ww4uLCo7tg9ASiOxYgLDE/b1Ry1h/gZHVj7mD2V4c1gMtBZcU hoWYzSEp2DvH45bGWmjsb0EHkUQ/r61+E7143VDU018QdlETb80gfk8Rsffb+7JmLEQ4yXcJNe4ODo30jtCANji51iP2FQycJlbzMoV5gw8iNS KrTNHi2qjZ64w/sim093WiBrFvoYjmb0hY8PI5hYh0EWuFDJ0So86emqqdvcyXeHAeQaSDIQAI4AE5+QX4OTBsdzv1+ja9b4uGG5Em/+98i0V /EaIBXPwrNcxKZclL1S8OZM=" }</pre>

V3 Response:

Response (Link)

Code: 200 OK

```
{
  "benefitName": "COVIN",
  "healthId": "91-5150-4867-XXXX",
  "status": "Benefit record has been linked successfully" }
```

b) Link by XmlUid

V3 Request Body:

Request Body

```
{
  "scope": [
    "link"
  ],
  "loginHint": "xmluid",
  "loginId": "{{XmlUid_encryption}}"
}
```

V3 Response Body:

Response

Code: 200 OK

```
{
  "benefitName": "COVIN",
  "healthId": "91-5713-4487-XXXX",
  "status": "Benefit record has been linked successfully"
}
```

c) Link By X-Token

V3 Request Body:

Request Body

```
{
  "scope": [
    "link"
  ] } }
```

V3 Response:

Response

Code: 200 OK

```
{
  "benefitName": "COVIN",
  "healthId": "91-5713-4487-XXXX",
  "status": "Benefit record has been linked successfully"
}
```

13.3.2 De-link ABHA With Benefit Name

Step 1: This API is used to De-link ABHA account with benefit name.

V3 URL: {{base_url}}/v3/profile/benefit/linkAndDelink

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{IsoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
BENEFIT-NAME	Client Benefit name	Yes	Benefit name given to integrators
X-token	Bearer X-token	Yes	X-token of user, user can get X-token after login to the system
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body parameters:

Property Name	Example Value	Mandatory	Description
Scope	de-link	Yes	Based on preference delink
loginHint	abha-number / xmlUid	Yes	Based on preference delink by abha number or xml uid
loginId	RSA Encrypted abha number / xml uid	Yes	Based on preference delink by abha number or xml uid values

V3 Request Body:

Request Body

```
{
  "scope": [
    "de-link"
  ],
  "loginHint": "abha-number",
  "loginId":
  "DhcsvJORTk4LITxYHyGehwc9bssmILDUxwAF6quQHtZ0suDJZWfsaEzbdNCOA8wr4NM3woa995KLzCj3p2u1uXnJkZWGIIdYOfW3UnOcfWdZ
FMNbtXjfge2ChcZFTZjYPHJVW2H/14BUxl4UvU74FM4LD1rmjotqF5PgryyNnNRFaQMZ7iq6I8PZk7oXa92Qpk1kJTRHUt84uv1lsslqsUr3Hngl
pLbOHuuPMixG/balCpe0MAXuVyDXIratJATAWAuOI0ucNGaAJcUhjcwXuuDeERDG4rhcyAxTm9rkf6TJzQuF8uw0Nr9A95Brcus141Dy/ORcmF
GzLzHCkby0zKnEXn6QQSszZ70coLXoTOjpV3CtJ2wt22oZd62zvwrk8TFRnA8Z8ww4uLCo7tg9ASiOxYgLDE/b1Ry1h/gZHVj7mD2V4c1gMtBZcU
hoWYzSEp2DvH45bGWmjsb0EHkUQ/r61+E7143VDU018QdlETb80gfk8Rsffb+7JmLEQ4yXcJNe4ODo30jtCANji51iP2FQycJlbzMoV5gw8iNS
KrTNHi2qjZ64w/sim093WiBrFvoYjmB0hY8PI5hYh0EWuFDJ0So86emqqdvkCyXeHAeQaSDIQAI4AE5+QX4OTBsdzv1+ja9b4uGG5Em/+98i0V
/EalBXPwrNcxKZclL1S8OZM="
}
```

V3 Response:

Response (De-Link)
Code: 200 OK
<pre>{ "benefitName": "COVIN", "healthId": "91-5150-4867-XXXX", "status": "Benefit record has been De-linked successfully". }</pre>

b) De-link by XmlUid

V3 Request Body:

Request Body
<pre>{ "scope": ["de-link"], "loginHint": "xmluid", "loginId": "{XmlUid_encryption}" }</pre>

V3 Response Body:

Response
Code: 200 OK
<pre>{ "benefitName": "healthid api", "healthId": "91-2168-5577-XXXX", "status": "Benefit record has been de-linked successfully" }</pre>

c) De-link by X-Token

Request Body
<pre>{ "scope": ["de-link"] }</pre>

Response:

Response
Code: 200 OK
<pre>{ "benefitName": "healthid api", "healthId": "91-2168-5577-XXXX", "status": "Benefit record has been de-linked successfully" }</pre>

13.4 Update ABHA Profile Details

This API used to update user profile details using Benefit API.

13.4.1 Update Mobile

V3 URL: {{env_url }}/abha/api/v3/profile/account

V3 Request: PATCH

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
BENEFIT-NAME	Client Benefit name	Yes	Benefit name given to integrators
X-token	Bearer X-token	Yes	X-token of user, user can get X-token after login to the system
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body Parameters:

Property Name	Example Value	Mandatory	Description
abhaNumber	Abha Number	Yes	User ABHA number is Mandatory if we not passing X-token in headers
Mobile	7011872400	No	User mobile number
accountStatus	ACTIVE	No	Benefit programmers can update deactivated account to active account by using this key value

profilePhoto	Base 64 profile photo	No	User profile photo
--------------	-----------------------	----	--------------------

V3 Request Body:

Request Body
<pre>{ "abhaNumber": "91-4656-1028-XXXX", "mobile": "*****2406", "accountStatus": "ACTIVE", "profilePhoto": "<<Base 64 user profile photo>>" }</pre>

V3 Response:

Response
Code: 200 OK
<pre>{ "benefitName": "COVIN", "healthId": "91-5713-4487-XXXX", "status": "Benefit record has been linked successfully" "ABHANumber": "91-5713-4487-XXXX", "preferredAbhaAddress": "91571344873849@abdm", "mobile": "*****2841", "firstName": "Ranjith", "middleName": "", "lastName": "R", "name": "Ranjith R", "yearOfBirth": "1998", "dayOfBirth": "31", "monthOfBirth": "05", "gender": "M", "email": "ranjith.10696235@ltimindtree.com", "profilePhoto": "profile photo", "status": "ACTIVE", "stateCode": "32", "districtCode": "563", "subDistrictCode": null, "villageCode": null, "townCode": null, "wardCode": null, "pincode": "679302", "address": "Pathiripala", "kycPhoto": "AA==", "stateName": "KERALA", "districtName": "PALAKKAD", "subdistrictName": "PALAKKAD", "villageName": null, "townName": null, "wardName": null, "authMethods": ["EMAIL_OTP", "MOBILE_OTP"], "tags": {}, "kycVerified": true, "verificationStatus": "VERIFIED", "verificationType": "DRIVING_LICENCE", "emailVerified": "ranjith.10696235@ltimindtree.com" }</pre>

13.4.2 Update Profile

V3 URL: {{base_url}}/v3/profile/account

V3 Request: PATCH

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
BENEFIT-NAME	Client Benefit name	Yes	Benefit name given to integrators
X-token	Bearer X-token	Yes	X-token of user, user can get X-token after login to the system
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body Parameters:

Property Name	Example Value	Mandatory	Description
abhaNumber	Abha Number	Yes	User ABHA number is Mandatory if we not passing X-token in headers
Mobile	7011872400	No	User mobile number
accountStatus	ACTIVE	No	Benefit programmers can update deactivated account to active account by using this key value
profilePhoto	Base 64 profile photo	No	User profile photo

V3 Request Body:

Request Body
<pre>{ "abhaNumber": "{{abhaNumber/x-token}}", "accountStatus": "ACTIVE" }</pre>

V3 Response:

Response	
Code: 200 OK	
<pre>{ "benefitName": "COVIN", "healthId": "91-5713-4487-XXXX", "status": "Benefit record has been linked successfully" "ABHANumber": "91-5713-4487-XXXX", "preferredAbhaAddress": "91571344873849@abdm", "mobile": "*****2841", "firstName": "Ranjith", "middleName": "", "lastName": "R", "name": "Ranjith R", "yearOfBirth": "1998", "dayOfBirth": "31", "monthOfBirth": "05", "gender": "M", "email": "ranjith.10696235@ltimindtree.com", "profilePhoto": "profile photo", "status": "ACTIVE", "stateCode": "32", "districtCode": "563", "subDistrictCode": null, "villageCode": null, "townCode": null, "wardCode": null, "pincode": "679302", "address": "Pathiripala", "kycPhoto": "AA==", "stateName": "KERALA", "districtName": "PALAKKAD", "subdistrictName": "PALAKKAD", "villageName": null, "townName": null, "wardName": null, "authMethods": ["EMAIL_OTP", "MOBILE_OTP"], "tags": {}, "kycVerified": true, "verificationStatus": "VERIFIED", "verificationType": "DRIVING_LICENCE", "emailVerified": "ranjith.10696235@ltimindtree.com" }</pre>	

13.4.3 Update Profile

V3 URL: {{api_gateway}}/abha/api/v3/profile/account

V3 Request: PATCH

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the endto-end request transaction

TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
BENEFIT-NAME	Client Benefit name	Yes	Benefit name given to integrators
X-token	Bearer X-token	Yes	X-token of user, user can get X-token after login to the system
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body Parameters:

Property Name	Example Value	Mandatory	Description
abhaNumber	Abha Number	Yes	User ABHA number is Mandatory if we not passing X-token in headers
Mobile	7011872400	No	User mobile number
accountStatus	ACTIVE	No	Benefit programmers can update deactivated account to active account by using this key value
profilePhoto	Base 64 profile photo	No	User profile photo

V3 Request Body:

Request Body
<pre>{ "abhaNumber": "91-6160-6504-XXXX", "mobile": "*****3662", "accountStatus": "ACTIVE", "profilePhoto": "<<Base 64 user profile photo>>" }</pre>

V3 Response:

Response
Code: 200 OK
<pre>{ "benefitName": "COVIN", "healthId": "91-5713-4487-XXXX", "status": "Benefit record has been linked successfully" "ABHANumber": "91-5713-4487-XXXX", "preferredAbhaAddress": "91571344873849@abdm", "mobile": "*****2841", "firstName": "Ranjith", "middleName": "", "lastName": "R", "name": "Ranjith R", "yearOfBirth": "1998", }</pre>


```

"dayOfBirth": "31",
"monthOfBirth": "05",
"gender": "M",
"email": "ranjith.10696235@ltimindtree.com",
"profilePhoto": "profile photo",
"status": "ACTIVE",
"stateCode": "32",
"districtCode": "563",
"subDistrictCode": null,
"villageCode": null,
"townCode": null,
"wardCode": null,
"pincode": "679302",
"address": "Pathiripala",
"kycPhoto": "AA==",
"stateName": "KERALA",
"districtName": "PALAKKAD",
"subdistrictName": "PALAKKAD",
"villageName": null,
"townName": null,
"wardName": null,
"authMethods": [
  "EMAIL_OTP",
  "MOBILE_OTP"
],
"tags": {},
"kycVerified": true,
"verificationStatus": "VERIFIED",
"verificationType": "DRIVING_LICENCE",    "emailVerified": "ranjith.10696235@ltimindtree.com"
}

```

13.5 Search Benefit Details

This API used to search benefit details linked to ABHA Number.

13.5.1 Search by Aadhaar

V3 URL: {{base_url}}/v3/profile/benefit/search

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{IsoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
BENEFIT-NAME	Client Benefit name	Yes	Benefit name given to integrators
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body Parameters:

Property Name	Example Value	Mandatory	Description
scope	search	Yes	Search scope
loginHint	abha-number/xmlUid	Yes	Based on preference of search we can use abha number or xml uid to search details
loginId	Encrypted abha number or xmluid	No	Encrypted abha number or xmluid to search

V3 Request Body:

Request Body
<pre>{ "scope": ["search"], "loginHint": "xmlUid", "loginId": "{{xmlUid_encryption}}" }</pre>

V3 Response:

Response
Code: 200 OK
<pre>[{ "stateCode": 20, "benefitName": "COVIN", "benefitId": "2229031721737473", "abhaNumber": "91-5150-4867-XXXX", "status": 0 }]</pre>

13.5.2 Search by Health Id Number

V3 URL: {{base_url}}/v3/profile/benefit/search

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction

TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
BENEFIT-NAME	Client Benefit name	Yes	Benefit name given to integrators
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body Parameters:

Property Name	Example Value	Mandatory	Description
scope	search	Yes	Search scope
loginHint	Abha-number/xmlUid	Yes	Based on preference of search we can use abha number or xml uid to search details
loginId	Encrypted abha number or xmluid	No	Encrypted abha number or xmluid to search

V3 Request Body:

Request Body
<pre>{ "scope": ["search"], "loginHint": "abha-number", "loginId": "{{AbhaNumber_encryption}}" }</pre>

V3 Response:

Response
Code: 200 OK
<pre>[{ "stateCode": 20, "benefitName": "COVIN", "benefitId": "2229031721737473", "abhaNumber": "91-5150-4867-XXXX", "status": 0 }]</pre>

13.5.3 Search

V3 URL: {{base_url}}/profile/benefit/abha/{{healthIdNumber}}

V3 Request: GET V3

Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Response:

Response
Code: 200 OK
<pre>{ "abhaNumber": "91-7722-7553-XXXX", "programme": [{ "benefitName": "Poshan Abhiyaan" }, { "benefitName": "Test Benefit Program" }, { "benefitName": "Pradhan Mantri National Dialysis Programme" }] }</pre>

13.6 Find ABHA (For Govt Entity)

13.6.1 Search ABHA using Mobile

13.6.1.1 Search ABHA

V3 URL: {{base_url}}/v3/profile/account/abha/search

V3 Request: POST **V3**

Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{\${isoTimestamp}}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accessToken}}	Yes	Token generated from session API
BENEFIT-NAME	Client Benefit name	Yes	Benefit name given to integrators

V3 Body Parameters:

Property Name	Example Value	Mandatory	Description
scope	search-abha	Yes	Search scope
Mobile	Mobile number	Yes	User mobile number

V3 Request Body:

Request Body
<pre>{ "scope": ["search-abha"], "mobile": "{{Mobile_Encryption}}" }</pre>

V3 Response:

<pre>[{ "txnId": "d0660ae0-1798-4e42-8e07-33eea4a3824d", "ABHA": [{ "index": 1, "ABHANumber": "91-5259-8743-XXXX", "name": "Narayanan Madaswamy", "gender": "M" "kycVerified": "true", "authMethods": ["AADHAAR_OTP", "MOBILE_OTP", "AADHAAR_BIO", "DEMOGRAPHICS"] }] }]</pre>
--

```

    }
  ]
}
]

```

13.6.1.2 Generate OTP

V3 URL: {{base_url}}/v3/profile/login/request/otp

V3 Request: POST V3

Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body parameters:

Property Name	Value	Mandatory	Description
Scope	abha-login, mobileverify search-abha	Yes	Defines the scope of the current action of the API, following are the values that can be used ABHA_LOGIN("abha-login"), ABHA_PROFILE("abha-profile"), AADHAAR_VERIFY("aadhaar-verify"), AADHAAR-BIO-VERIFY("aadhaar-bio-verify") AADHAAR-FACE-VERIFY("aadhaar-face-verify") AADHAAR-IRIS-VERIFY("aadhaar-iris-verify") EMAIL_VERIFY("email-verify"), MOBILE_VERIFY("mobile-verify"), PASSWORD_VERIFY("password-verify"), CHANGE_PASSWORD("change-password"), RE_KYC("re-kyc"),
loginHint	index	Yes	Index of ABHA number given in search API response.
loginId	Index_Encryption	Yes	Actual value index generated in search API. This needs to be RSA encrypted using public key
otpSystem	abdm	Yes	Otp system to verify hiu/hip/phr login, following are the values can be used. AADHAAR("aadhaar"), ABDM("abdm"),
txnId	txnId	Yes	Transaction Id is Mandatory to identify the unique transaction for ABHA login.

V3 Request Body:

Request Body
<pre>{ "scope": ["abha-login", "search-abha", "mobile-verify"], "loginHint": "index", "loginId": "{{Index_Encryption}}", "otpSystem": "abdm", "txnId": "{{txnId}}" }</pre>

V3 Response:

Response
Code: 200 OK
<pre>{ "txnId": "775b6a11-ea05-49e2-8661-f9aa855cad34", "message": "OTP sent to mobile number ending with *****6265" }</pre>

13.6.1.3 Verify OTP

V3 URL: {{base_url}}/v3/profile/login/verify

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{\${isoTimestamp}}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body Parameters:

Property Name	Example Value	Mandatory	Description
scope	abha-login mobile-verify	Yes	Defines the scope of the current action of the API
authMethods	"otp"	Yes	Defines the authentication method used for enrolment, following are the values that can be used OTP("otp"), PI("pi"),
txnId	"3585baee-eab3-4651-b2cb215ee4f4d181"	Yes	Transaction Id is Mandatory to identify the unique transaction for ABHA enrollment. This chains all the steps to enroll ABHA. Transaction Id will be returned after a successful OTP transaction.
otpValue	Encrypted OTP value	Yes	Otp received on mobile should be encrypted first

V3 Request Body:

Request Body
<pre>{ "scope": ["abha-login", "mobile-verify"], "authData": {"authMethods": ["otp"], "otp": { "txnId": "{{otpTxnId}}", "otpValue": "{{rsaOtpEncryptionOutput}}" } } }</pre>

V3 Response:

Response
200 OK

[illegible]

XJ/D7Vm1HQfJlLz2zbG3HJ2nkH+Y/CuurMQm2lxSqOaftoA8suhiSq9X79Nrk1n0MYtI7bVJoprjK4oA821NzPdyuzZYsTms9AX
clOpOK2NcjSG+dBnb165qnpNv5lxvI4FaLYaVzTtLJYkHc9zWnFEbiokGOMVct4yT0qZHRBFIKHGRVvyl2AYpl1KKBU689qzNBi
QAHmrJiUR8DmmqPJ4F5mM7a0iSzNnjGTms65tI5hyozWxNGTKVUMRnAnqchc27W+4HkZ4pFIA4wvrW5qlurxkEYPUVkr
s20lvKA9PWtEc8IzNe/DiaWDW1SNvkmRg6no2ASK9fAyK8v8AAMa3t5A8ccUP2RckA5Lkjb9T9XqK5xzWUtyBQKWilqQPMt
RYfJWYTV/UM+ZWfJfJDNLSGjOOKAOE8TwGG/bI01yWU/WnaVElrMzNgA1seKrdZrHzgw3RdvYkVI2kfnaXbpnaA5z+Zq09C
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S0x4cK6qc4C7IB/LOac6W8xyu049etEmrCSfco3NulxavgckGuRIMdwQO1d0sWxcDp9a5PUbfy72VOh3ZHHY0oEVEdr8M4
3k1x5Qfl+zsSFPgdyj/wCv+FetjpXNeB9Jj03w3aMi/PPGsrN655H866cCpk9TIAKXFKBTt5B5hqqhCSeKwplYJScsK3dXjLqXnc
bOpVyDRJ2KSuXZNSjX7oJNU5r+WTgFKPaqxpuOam7KsMnBmiZWJORikgt2jsUCj7o7/WnnpTpEeSJFXOCKuBcUVoA89wVu2
kWHB5UEgHsTjmodMRtPvTc3O2WGMk43Fd/UDryOuemeO1aEMUqrtK8VDqMH7pWlwo61opW2Kcl7mPJ59/qJlLMQTKZ
JO0dhmuq0yNo9u6RSe4FZmnWT3GBEmc9cCuq03SS4AJ2juaI6mklkU8UkiZifBqhb289tJkhWOQsQuikXsfoRW5NaPbk7QS
BTliwSIEj8aluw3G5hWHh6OynF0dk5wcrYDK56cjVJhBNBM0hP3jnYOFH0HatXyG3bQ3FSjTlxkt05SuSoWKQbcOBisnUrN
p9TiEY5KBmPpzXRG2VB0pptwXMMOdm36c1EXZkyfQ9LOSS3m0e0Nsu2ERhVXGMY4x+laYFc94Mt3h0MF+kkhZee2AP5g
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UK+Y3HSi4tVuIGhY4DDt2ptvJkYzUdxc+Wdydx9K0aNkyGz2WNo0Uk0ccIE4Ynhhmt7R9ak+zhldXSlcMmfUcjNcm0Us8gcrkf
yrXtS8UW1InLEY+WnYnmfQ0hqmx3rCYW7Wp5GAd1WoJ1IDEDCk5qoltcNEDJEB7ZGRTo0mibpxQ0NSfU00iB5lpZFKimRT
cDdwfens4bipehaaZASSuDTJLnyk8v+8P5U6RhuwKjdCyZP3c4qTnvXQ9VsLYWljBbjB8tAplGMnuatAVHbv5tvFj/eQH9KnAp
HlXoFPAoAp1AjhhUFzbrNGQRU4p1UxnD6rphRiwFc/LGUy8V6fc2aTocjmuN1rThbsSBUNFJnOkUD07inEYpKluzLRYtpsNhqS
SRAXeToOnrVUPtfl61lrKzbmPFbmlwguPJ/kiT2+Y4rVgt7hVds6K3bFZq53AgjFWVklJEmMegp3KTsa4juzGP3qBR371E813E
+I8SGkt/tGcG4GPRhV7awPzEH3FDC6YyGeZ12zRhX9Qc1Nu/OmuV2e4qJXPTNTJCTsWO4NddoHh21u9Phu52KjdidgOAOQDj
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BOn/oQr1leleRWEGt762kP3Y5FY/QGvU7LUbe7jV43Bz+tZMialWp1NHNOqSApaBS0AeLXxic8iEGsa41O5uSd8hA9BVOLFdz
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U5LbPbn2pXHykUeMcAn8KsBJGwcY+tWILcDopq9FCvcUXHyLOGOeVstzV8QrEOmTVkAKnygCoipY+tJsrlsV2PBJrY8lzSvcz2D
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}

]

}

13.6.2 Search ABHA using Aadhaar

13.6.2.1 Search ABHA

V3 URL: {{base_url}}/v3/profile/account/abha/search

V3 Request: POST V3

Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accesstoken}}	Yes	Token generated from session API
BENEFIT-NAME	Client Benefit name	Yes	Benefit name given to integrators

V3 Body Parameters:

Property Name	Example Value	Mandatory	Description
scope	search-abha	Yes	Search scope
Mobile	Mobile number	Yes	User mobile number

V3 Request Body:

Request Body
<pre>{ "scope": ["search-abha"], "mobile": "{{Mobile_Encryption}}" }</pre>

V3 Response:

```
[
  {
    "txnId": "d0660ae0-1798-4e42-8e07-33eea4a3824d",
    "ABHA": [
      {
        "index": 1,
        "ABHANumber": "91-5259-8743-XXXX",
        "name": "Narayanan Madaswamy",
        "gender": "M",
        "kycVerified": "true",
        "authMethods": [
          "AADHAAR_OTP",
```

```
"MOBILE_OTP",
"AADHAAR_BIO",
"DEMOGRAPHICS"
]
```

```
}
]
}
]
```

13.6.2.2 Generate OTP

V3 URL: {{base_url}}/v3/profile/login/request/otp

V3 Request: POST V3

Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body parameters:

Property Name	Value	Mandatory	Description
Scope	abha-login, aadhaar-verify search-abha	Yes	Defines the scope of the current action of the API, following are the values that can be used ABHA_LOGIN("abha-login"), ABHA_PROFILE("abha-profile"), AADHAAR_VERIFY("aadhaar-verify"), AADHAAR-BIO-VERIFY("aadhaar-bio-verify") AADHAAR-FACE-VERIFY("aadhaar-face-verify") AADHAAR-IRIS-VERIFY("aadhaar-iris-verify") EMAIL_VERIFY("email-verify"), MOBILE_VERIFY("mobile-verify"), PASSWORD_VERIFY("password-verify"), CHANGE_PASSWORD("change-password"), RE_KYC("re-kyc"),
loginHint	index	Yes	Index of ABHA number given in search API response.
loginId	Index_Encryption	Yes	Actual value index generated in search API. This needs to be RSA encrypted using public key

otpSystem	aadhaar	Yes	Otp system to verify hiu/hip/phr login, following are the values can be used. AADHAAR("aadhaar"), ABDM("abdm"),
txnId	txnId	Yes	Transaction Id is Mandatory to identify the unique transaction for ABHA login.

V3 Request Body:

Request Body
<pre>{ "scope": ["abha-login", "search-abha", "aadhaar-verify"], "loginHint": "index", "loginId": "{{Index_Encryption}}", "otpSystem": "aadhaar", "txnId": "{{txnId}}" }</pre>

V3 Response:

Response
Code: 200 OK
<pre>{ "txnId": "775b6a11-ea05-49e2-8661-f9aa855cad34", "message": "OTP sent to Aadhaar registered mobile number ending with *****6265" }</pre>

13.6.2.3 Verify OTP

V3 URL: {{base_url}}/v3/profile/login/verify

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction

TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accessToken}}	Yes	Token generated from session API

V3 Body Parameters:

Property Name	Example Value	Mandatory	Description
scope	abha-login aadhaar-verify	Yes	Defines the scope of the current action of the API
authMethods	"otp"	Yes	Defines the authentication method used for enrolment, following are the values that can be used OTP("otp"), PI("pi"), FACE("face") BIO("bio") IRIS("iris")
txnId	"3585baee-eab3-4651-b2cb215ee4f4d181"	Yes	Transaction Id is Mandatory to identify the unique transaction for ABHA enrollment. This chains all the steps to enroll ABHA. Transaction Id will be returned after a successful OTP transaction.
otpValue	Encrypted OTP value	Yes	Otp received on mobile should be encrypted first

V3 Request Body:

Request Body
<pre>{ "scope": ["abha-login", "aadhaar-verify"], "authData": {"authMethods": ["otp"], "otp": { "txnId": "{{otpTxnId}}", "otpValue": "{{rsaOtpEncryptionOutput}}" } } }</pre>

V3 Response:

Response
200 OK
<pre>{ "txnId": "775b6a11-ea05-49e2-8661-f9aa855cad34", "authResult": "success", }</pre>

```
"message": "OTP verified successfully", "token":
"eyJhbGciOiJSUzUxMiJ9.eyJpc0t5Y1ZlcmImaWVkljP0cnVlLCJzdWlloil5MS0xMzc2LTcwMDYtNTI1OSIsImNsaWVudElkljoiY
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"refreshExpiresIn": 1296000,
"accounts": [
{
  "ABHANumber": "91-1376-7006-XXXX",
  "preferredAbhaAddress": "narayananxxx@sbx",
  "name": "Narayanan Madaswamy", "status": "ACTIVE",
```


[illegible]

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```
}
]
}
```

13.6.3 Search ABHA using Biometrics

13.6.3.1 Search ABHA using Biometric (Face)

13.6.3.1.1 Search ABHA

V3 URL: {{base_url}}/v3/profile/account/abha/search

V3 Request: POST **V3**

Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{IsoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accesstoken}}	Yes	Token generated from session API
BENEFIT-NAME	Client Benefit name	Yes	Benefit name given to integrators

V3 Body Parameters:

Property Name	Example Value	Mandatory	Description
scope	search-abha	Yes	Search scope
Mobile	Mobile number	Yes	User mobile number

V3 Request Body:

Request Body
<pre>{ "scope": ["search-abha"], "mobile": "{{Mobile_Encryption}}" }</pre>

V3 Response:

```
[
```

```

{
  "txnId": "d0660ae0-1798-4e42-8e07-33eea4a3824d",
  "ABHA": [
    {
      "index": 1,
      "ABHANumber": "91-5259-8743-XXXX",
      "name": "Narayanan Madaswamy",
      "gender": "M",
      "kycVerified": "true",
      "authMethods":
      [
        "AADHAAR_OTP",
        "MOBILE_OTP",
        "AADHAAR_BIO",
        "DEMOGRAPHICS"
      ]
    }
  ]
}

```

13.6.3.1.2 Generate OTP

V3 URL: {{base_url}}/v3/profile/login/request/otp

V3 Request: POST **V3**

Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body parameters:

Property Name	Value	Mandatory	Description
---------------	-------	-----------	-------------

Scope	abha-login, aadhaar-face-verify search-abha	Yes	Defines the scope of the current action of the API, following are the values that can be used ABHA_LOGIN("abha-login"), ABHA_PROFILE("abha-profile"), AADHAAR_VERIFY("aadhaar-verify"), AADHAAR-BIO-VERIFY("aadhaar-bio-verify") AADHAAR-FACE-VERIFY("aadhaar-face-verify") AADHAAR-IRIS-VERIFY("aadhaar-iris-verify") EMAIL_VERIFY("email-verify"), MOBILE_VERIFY("mobile-verify"), PASSWORD_VERIFY("password-verify"), CHANGE_PASSWORD("change-password"), RE_KYC("re-kyc"),
loginHint	index	Yes	Index of ABHA number given in search API response.
loginId	Index_Encryption	Yes	Actual value index generated in search API. This needs to be RSA encrypted using public key
otpSystem	aadhaar	Yes	Otp system to verify hiu/hip/phr login, following are the values can be used. AADHAAR("aadhaar"), ABDM("abdm"),
txnId	txnId	Yes	Transaction Id is Mandatory to identify the unique transaction for ABHA login.

V3 Request Body:

Request Body
<pre>{ "scope": ["abha-login", "search-abha", "aadhaar-face-verify"], "loginHint": "index", "loginId": "{{Index_Encryption}}", "otpSystem": "aadhaar", "txnId": "{{txnId}}" }</pre>

V3 Response:

Response
Code: 200 OK
<pre>{ "txnId": "775b6a11-ea05-49e2-8661-f9aa855cad34", "message": "FACE authentication request successfully sent. " }</pre>

13.6.3.1.3 Verify OTP

V3 URL: {{base_url}}/v3/profile/login/verify

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body Parameters:

Property Name	Example Value	Mandatory	Description
scope	abha-login aadhaar-faceverify	Yes	Defines the scope of the current action of the API
authMethods	"face"	Yes	Defines the authentication method used for enrolment, following are the values that can be used OTP("otp"), PI("pi"), FACE("face") BIO("bio") IRIS("iris")
txnId	"3585baee-eab3-4651-b2cb215ee4f4d181"	Yes	Transaction Id is Mandatory to identify the unique transaction for ABHA enrollment. This chains all the steps to enroll ABHA. Transaction Id will be returned after a successful OTP transaction.
faceAuthPid	Generated FaceAuthPid Value	Yes	Face auth pid can be generated from the Biometric systems

V3 Request Body:

Request Body

```
{
  "scope": ["abha-login", "aadhaar-face-verify"],
  "authData": {"authMethods": ["face"],
    "face": {
      "txnId": "{{otpTxnId}}",
      "faceAuthPid": "{{faceAuthPid}}"
    }
  }
}
```

V3 Response:

Response
200 OK

```
{
  "txnId": "775b6a11-ea05-49e2-8661-f9aa855cad34",
  "authResult": "success",
  "message": "FACE verified successfully ", "token":
  "eyJhbGciOiJSUzUxMiJ9.eyJpc0t5Y1ZlcmImaWVkljP0cnVlLCJzdWiiOiI5MS0xMzc2LTcwMDYtNTI1OSIsImNsaWVudElkljoiY
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6AYqwl+duK6Y4dbsrmMq2soocCOIfVhn9K0UUhWGPzH7dM1ejsgE34xVCctPcbBnaOK2UFFCfTYWmIMzD6D0FTbR9oYcZ+m
auwx+XBhfSmW1oDImPzE55quCCeyiuYZLeQZilXacjpn+tcLdWM1hdPbzKdy/dbGA47Ef59q9MEYxgkZHpvLUDHh1a3Cuds
i/6uTHKn/D2qZ07rQqMrM4CNTirMSgEZFrvQL/TnPmRGSltJGMjHuO1QRrXJJNaM3TTJoIT0qwCo6CokWp1UAZPAHepLG
8scVKkdW7TTbu75t7d2Xj5iML+Z4rqNN8KRR7ZL9llbr5Q+4Pr6/y9q0jTllmU0jG0Xw82pss8oltOvvJ9Pb3rsZQkaC3QAko+Y9
Ao9P8/4VO8gQblgMDq/YVvXlyDOsCEhfvMe5NdkIKCOeUm2RTsrXgOMDHAq0FyMjtVSdN06SDpV6LbjqR+NO2pJvdtuJHH
65pY5TC4ZC0279wamITB6k1CyAjdauOp7iOckilcnH0zVuxtDifMZeD0yKjtoHvLjp8inGfWtSWYQRiNQOPQVcV1ArahOIISi4
BPA4qjZQ7sHGSe9Q3swe4WMEIm7Zrd0y08tQZOCR3oerGMktx5YwcDONUzG4k8uNyMntWreSlgPTGOoNYn2l3kkWq5bP
LdhQ0glCgggtAqLI5W6kmr8BWQD5dpA/OotP0whvMmyzHqTWtKkccOxdqg9eOaaQELiBPKnJ6HFRyaZYXR/fwQOw6EoCarx
XLPcyKhyi/lmrCXT7yBjavXC9TQ0mAv8AYemKeLG3+mwVbgs7G0UCO2t4sn+BAM0sTulvNkjTn7oxUlxdfZrYysAvoAOp7Clyrs
F2TLtYjYrE/TaphZS2GfJHVU7fU1UnnlitB5jEyP1GensKZHuhtS5PzNzzTslY87XF5sRiscfAUVVuEjvVY4xjHHFPsctI7Z5zUt0mAj
8Ek+tIzJ5KlAcA4FMQnGcYI96sRNLccH6VExEc5XC880WAVtxPA69yKhaNgcnBFWIBK5zg+1RMhJIOOe9OwjNSOKxtVCr85Fzt
9epBCZnGccAdyfSiinLRAGh6XJK7XlyMSSHIBHQdq3ry5js4c030oooStG4GEBcapKBhkh6AdzW5YaVhbqG2nPrRSir6sZpO6
xx9s9qybi4YozPxRRVMRTtBiNifvMeprVsLU8MwBFFFSgNN/LVdzkALWfdXJu9UhQAmNDuwaKKHsBamUyzpvDECn3JVIzjO
AOM0UVQEWnjZiOCasXgymMA0UVlx1p80W7JqO8TztcHJB5zRRTAkif4PW05AwOQwx6ZoooEf/2Q=="
}
]
}

```

13.6.3.2 Search ABHA using Biometric (Fingerprint)

Note : List of UIDAI-approved biometric devices

- <https://uidai.gov.in/en/ecosystem/authentication-devices-documents/biometric>
<https://ind01.safelinks.protection.outlook.com/?url=https://uidai.gov.in/en/ecosystem/authentication-devices-documents/biometric-devices.html&data=05|02|Kushal.Pandita@ltimindtree.com|022d6e5cc5ca4c50ddc708dd93aaf31c|ff355289721e4dd7a663afec62ab9d54|0|0|638829084605444457|Unknown|TWfPbGZsb3d8eyJFbXB0eU1hcGkiOnRydWUslYiOilwLjAuMDAwMCIslAiOiJXaW4zMilSkFOljoitWFpbiClldUljoyfQ==|0||&sdata=l/nQjqzQwmHiwJj++2ueol9Tlnbz1iunxdtKxwPjPLQ=&reserved=0>
[devices.html](https://ind01.safelinks.protection.outlook.com/?url=https://uidai.gov.in/en/ecosystem/authentication-devices-documents/biometric-devices.html&data=05|02|Kushal.Pandita@ltimindtree.com|022d6e5cc5ca4c50ddc708dd93aaf31c|ff355289721e4dd7a663afec62ab9d54|0|0|638829084605444457|Unknown|TWfPbGZsb3d8eyJFbXB0eU1hcGkiOnRydWUslYiOilwLjAuMDAwMCIslAiOiJXaW4zMilSkFOljoitWFpbiClldUljoyfQ==|0||&sdata=l/nQjqzQwmHiwJj++2ueol9Tlnbz1iunxdtKxwPjPLQ=&reserved=0). (Kindly note that the list is updated by UIDAI periodically.)

13.6.3.2.1 Search ABHA

V3 URL: {{base_url}}/v3/profile/account/abha/search

V3 Request: POST **V3**

Request Headers:

Property Name	Example Value	Mandatory	Description
---------------	---------------	-----------	-------------

REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{\${isoTimestamp}}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accessToken}}	Yes	Token generated from session API
BENEFIT-NAME	Client Benefit name	Yes	Benefit name given to integrators

V3 Body Parameters:

Property Name	Example Value	Mandatory	Description
scope	search-abha	Yes	Search scope
Mobile	Mobile number	Yes	User mobile number

V3 Request Body:

Request Body
<pre>{ "scope": ["search-abha"], "mobile": "{{Mobile_Encryption}}" }</pre>

V3 Response:

```
[
  {
    "txnId": "d0660ae0-1798-4e42-8e07-33eea4a3824d",
    "ABHA": [
      {
        "index": 1,
        "ABHANumber": "91-5259-8743-XXXX",
        "name": "Narayanan Madaswamy",
        "gender": "M" ,
        "kycVerified": "true",
        "authMethods":
          [
            "AADHAAR_OTP",
            "MOBILE_OTP",
            "AADHAAR_BIO",
            "DEMOGRAPHICS"
          ]
      }
    ]
  }
]
```

13.6.3.2.2 Generate OTP

V3 URL: {{base_url}}/v3/profile/login/request/otp

V3 Request: POST **V3**

Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body parameters:

Property Name	Value	Mandatory	Description
Scope	abha-login, aadhaar-bio-verify search-abha	Yes	Defines the scope of the current action of the API, following are the values that can be used ABHA_LOGIN("abha-login"), ABHA_PROFILE("abha-profile"), AADHAAR_VERIFY("aadhaar-verify"), AADHAAR-BIO-VERIFY("aadhaar-bio-verify") AADHAAR-FACE-VERIFY("aadhaar-face-verify") AADHAAR-IRIS-VERIFY("aadhaar-iris-verify") EMAIL_VERIFY("email-verify"), MOBILE_VERIFY("mobile-verify"), PASSWORD_VERIFY("password-verify"), CHANGE_PASSWORD("change-password"), RE_KYC("re-kyc"),
loginHint	index	Yes	Index of ABHA number given in search API response.
loginId	Index_Encryption	Yes	Actual value index generated in search API. This needs to be RSA encrypted using public key
otpSystem	aadhaar	Yes	Otp system to verify hiu/hip/phr login, following are the values can be used. AADHAAR("aadhaar"), ABDM("abdm"),
txnId	txnId	Yes	Transaction Id is Mandatory to identify the unique transaction for ABHA login.

V3 Request Body:

Request Body
<pre>{ "scope": ["abha-login", "search-abha", "aadhaar-bio-verify"], "loginHint": "index", "loginId": "{{Index_Encryption}}", "otpSystem": "aadhaar", "txnId": "{{txnId}}" }</pre>

V3 Response:

Response
Code: 200 OK
<pre>{ "txnId": "775b6a11-ea05-49e2-8661-f9aa855cad34", "message": "Fingerprint authentication request successfully sent. " }</pre>

13.6.3.2.3 Verify OTP

V3 URL: {{base_url}}/v3/profile/login/verify

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body Parameters:

Property Name	Example Value	Mandatory	Description
---------------	---------------	-----------	-------------

scope	abha-login aadhaar-bio-verify	Yes	Defines the scope of the current action of the API
authMethods	"bio"	Yes	Defines the authentication method used for enrolment, following are the values that can be used OTP("otp"), PI("pi"), FACE("face") BIO("bio") IRIS("iris")
txnId	"3585baee-eab3-4651-b2cb215ee4f4d181"	Yes	Transaction Id is Mandatory to identify the unique transaction for ABHA enrollment. This chains all the steps to enroll ABHA. Transaction Id will be returned after a successful OTP transaction.
fingerPrintAuthPid	Generated Fingerprint AuthPid Value	Yes	Fingerprint auth pid can be generated from the Biometric systems

V3 Request Body:

Request Body
<pre>{ "scope": ["abha-login","aadhaar-bio-verify"], "authData": {"authMethods": ["bio"], "bio": { "txnId": "{{otpTxnId}}", "fingerPrintAuthPid": "{{fingerPrintAuthPid}}" } } }</pre>

V3 Response:

Response
200 OK

[illegible]

XJ/D7Vm1HQfJlLz2zbG3HJ2nkH+Y/CuurMQm2lxSqOaftoA8suhiSq9X79Nrk1n0MYtI7bVJoprjK4oA821NzPdyuzZYsTms9AX
clOpOK2NcjSG+dBnb165qnpNv5lxvI4FaLYaVzTtLJYkHc9zWnFEBiokGOMVct4yT0qZHRBFIKHGRVvyl2AYpI1KKBU689qzNBi
QAHmrJiUR8DmmqpJ4F5mM7a0iSZNnjGTms65tI5hyozWxNGTKVUMRnAnqchc27W+4HkZ4pIFIA4wvrW5qlurxkEYPUVkr
s20lvKA9PWtEc8IzNe/DiaWDW1SNvkmRg6no2ASK9fAyK8v8AAMa3t5A8ccUP2RckA5LkjbN9TXqK5xzWUtyBQKWilqQPMt
RYfJWYTV/UM+ZWfJfJNjDNLsgJOOAKOE8TwGG/bI01yWU/WnaVElrMzNgA1seKrdZrHzgw3RdvYkVI2kfnaXbpnA5z+Zq09C
o7if2HfEjHmrrrGXAERwO+aldDhkOGUC9wa0YtFs0J4mU47bqdl1NfeLtnclD9FwavrF6DNYsNxYfyBAygHoQa1r08jeXazX2
qHY0V+pDdPNbnciZz61mnXlpGKtCp5xgZro7ualpwAynoKw5760VsMglB5G3NWmiJKQwasZT/AKps+wqOO/YPIRCVJ4lrVs9
S0x4cK6qc4C7IB/LOac6W8xyu049etEmrCSfco3NulxavgckcGuRIMdwQO1d0sWxcDp9a5PUbfy72VOh3ZHHY0oEVEdr8M4
3k1x5Qfl+zsSFPgdyj/wCv+FetjpXNeB9Jj03w3aMi/PPGsrN655H866cCpk9TIAKXFKBTt5B5hqqhCSeKwplYJScsK3dXjLqXnc
bOpVyDRJ2KSuXZNSjX7oJNU5r+WTgFKPaqxpuOam7KsMnBmiZWJORikt2jsUCj7o7/WnnpTpEeSJFXOCKuBcUVoA89wVu2
kWHB5UEgHsTjmodMRtPvTc3O2WGMk43Fd/UDryOuemeO1aEMUqrtK8VDqMH7pWlwo61opW2Kcl7mPJ59/qJlLMQTKZ
JO0dhmuq0yNo9u6RSe4FZmnWT3GBEmc9cCuq03SS4AJ2juaI6mklkU8UkiZifBqhb289tJkhWOQsQuikXsfoRW5NaPbk7QS
BTliWSEIEj8aluw3G5hWHh6OynF0dk5wcrYDK56cjVJhBNBM0hP3jnYOFH0HatXyG3bQ3FSjTlxkt05SuSoWKQbcOBisnUrN
p9TIEY5KBmPpzXRG2VB0pptwXMMOdm36c1EXZkyfJQ9L0SS3m0e0Nsu2ERhVXGMY4x+laYFc94Mt3h0MF+kKhZee2AP5g
10YFI5pKzJilXsjrS4oJPO72HfEa4rUoCkrcV6C6bgRiua1mxJBYCm0WmcefSkPFTTRIGOAhrMsbV61ddi+wqjUkTYwKuG5Udz
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cDdwfens4bipehaaZASSuDTJLnyk8v+8P5U6RhuwKjdCyZP3c4qTnvXQ9VsLYWljBbjB8tAplGMnuatAVHbv5tvFj/eQH9KnAp
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SRAXeToOnrVUPtfl61lrKzbmPFbmlwgupJ/kiT2+Y4rVgt7hVds6K3bFZq53AgjFWVklJEmMegp3KTsa4juzGP3qBR371E813E
+I8SGkt/tGcG4GPRhV7awPzEH3FDC6YyGeZ12zRhX9Qc1Nu/OmuV2e4qJXPTNTJCTsWO4NddoHh21u9Phu52KjdidgOAOQDj
B/KuShja4mjhjGxdgq/U8V6taW62tpDbqSVjQlCe+B1rN6GU5W2LCrgADoKeBSAU6pMgoopaAOEFOPgNI80cYyzAfU1QEw
PFc14kTMRNxrX7S3BG8MR2FcqxutG+yqrhaTY0jDbrTcVIRsbagOK8i4OaargHB6VZZPIOapkZYg9a3pu6GWkcFavWSq+SB2r
JUItg8VetplVD8+CRxVjUjatXjce1TMwRetYsMxQevvU4uSx6En9KdhXL7SHFIRZOarhmOMkY96fHl2wPu+tSwua+jP8A8TizY9
BOn/oQr1leleRWEGt762kP3Y5FY/QGvU7LUbe7jV43Bz+tZMialWp1NHNOqSApaBS0AeLXxic8iEGsa41O5uSd8hA9BVOIFDZ
oogSSeeaMU9I2dsKpJ9q0bfS3fBfnPyf1NEYt7DuZqRs5woJpTvhLF8bnlUAZPeugj0xIUxcOT0VR1q39iAvo9q5ZeeOa2VDuLm
OI1Z3spbS3jjKmf5mdhztz0HpURI39ua6TxPp5ks7S8CnNlvJhVQK2Bn8wo/GsQJhs461Tjy7Fx1KhR14bketPjChuhBHTV3yQw6
U5LbPbn2pXHykUeMcAn8KsBJGwcY+tWILcDopq9FCvcUXHyLOGOeVstzV8QrEOmTVkAKnygCoipY+tJsrlsV2PBjRy8lzSvcz2D
uWh2B4lz9w55A9ulZkkZI6V1ngvSXVjtQkBAIAWMEdVHf8f6VVK3YzqGvaajPbny5T5gBwcjKH+tbdvxc3C5Rvw71h3K5bKB
QXO4+4HA/PPFPVQp3BijCqlQXQXOhFLWVb6kyELOMjswrTjISRQyMCK55QcdxHxzDbyztjtjZj7CtW30Rzhp2x/siuktRGgVFCr
6AYqwl+duK6Y4dbsrmMq2soocCOIfVhn9K0UhWGPzH7dM1ejsgE34xVCctPcbBnaOK2UFFCftYwmlmZD6D0FTbR9oYcZ+m
auwx+XBhfSmW1oDlmpZEE55quUCCeyiuYZLeQZilXacjpn+tcLdWM1hdPbzKdy/dbGA47Ef59q9MEYxgkZHpvLUdHh1a3Cuds
i/6uTHKn/D2qZ07rQqMrM4CNTirMSgEZFxrVQL/TnPmRGSLtJGMjHuO1QRrXJNaM3TTJoItOqWCo6CokWp1UAZPAHepLG
8scVKkdW7TTbu75t7d2Xj5iML+Z4rqNN8KRR7ZL9lIbr5Q+4Pr6/y9q0jTllmU0jG0Xw82pss8oitOvvJ9Pb3rsZQkaC3QAKo+Y9
Ao9P8/4VO8gQblgMDq/YVxXlyDOsCEhfvMe5NdKIKCOeUm2RTsrXgOMDHAq0FyMjtVsDn06SDpV6Lbjqr+NO2pjVdTuJHH
65pY5TC4ZC0279wamlTB6k1CyAjdauOp7iOckilcnH0zVuxtDlFMZeD0yKjtoHvLjp8inGfWtSWYQRiNQOPQVcV1ArahOIISi4
BPA4qjZQ7sHGSe9Q3swe4WMEIm7Zrd0y08tZOZCR3oerGMkt5YwcdONUzG4k8uNyMntWreSlgPTGOoNyn2I3kkWq5bP
LdhQ0gLCggatAqL5W6kmr8BWQD5dpA/OotP0whvMmyzHqTWtKkccOxdqg9eOaaQELiBPknJ6HFRyaZYXR/fwQQw6EoCarx
XLPcyKhyi/lmrCXT7yBjavXC9TQ0mAv8AYemKeLG3+mwVbgs7G0UCO2t4sn+BAM0sTulvNkjTn7oxUlxdZrYysAvoAOp7Clyrs
F2TLtYjYrE/TaphZS2GfJHVU7fU1UnnlitB5jEyP1GensKZHuhtS5PzNzzTsIY87XF5sRiscfAUUVuEJvVY4xjHHFPsctI7Z5zUtOmAj
8Ek+tIzJ5KIAcA4FMQnGcYI96sRNLccH6VExEc5XC880WAVtxPA69yKhaNgcNBFWIBK5zg+1RMhJIOoe9OwJNSOKxtVCr85FZt
9epBCZnGccAdyfSiinLRAGh6XJK7XlyMSSHIBHQdq3ry5js4c030oooStG4GEBcapKBhkh6AdzW5YaVhbqG2nPvRRSsir6sZpO6
xx9s9qybi4YozPxRRVMRTtBiNifvMeprVsLU8MwBFFFSgNN/LVdzkALWFdXJu9UhQAmNDuwaKKHsBamUyzpvDECn3JlVjzO
AOM0UUVQEWnjZiOCasXgymMA0UvIx1p80W7JqO8TZtcHJB5zRTAkifi4PW05AwOQwx6ZoooEf/2Q=="

}

]

}

13.6.3.3 Search ABHA using Biometric (IRIS)

13.6.3.3.1 Search ABHA

V3 URL: {{base_url}}/v3/profile/account/abha/search

V3 Request: POST V3

Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accesstoken}}	Yes	Token generated from session API
BENEFIT-NAME	Client Benefit name	Yes	Benefit name given to integrato

V3 Body Parameters:

Property Name	Example Value	Mandatory	Description
scope	search-abha	Yes	Search scope
Mobile	Mobile number	Yes	User mobile number

V3 Request Body:

Request Body
<pre>{ "scope": ["search-abha"], "mobile": "{{Mobile_Encryption}}" }</pre>

V3 Response:

```
[
  {
    "txnId": "d0660ae0-1798-4e42-8e07-33eea4a3824d",
    "ABHA": [
      {
        "index": 1,
        "ABHANumber": "91-5259-8743-XXXX",
        "name": "Narayanan Madaswamy",
        "gender": "M",
        "kycVerified": "true",
        "authMethods": [
          "AADHAAR_OTP",
```

```

        "MOBILE_OTP",
        "AADHAAR_BIO",
        "DEMOGRAPHICS"
    ]
}
]
}
]

```

13.6.3.3.2 Generate OTP

V3 URL: {{base_url}}/v3/profile/login/request/otp

V3 Request: POST **V3**

Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{\${isoTimestamp}}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body parameters:

Property Name	Value	Mandatory	Description
Scope	abha-login, aadhaar-iris-verify search-abha	Yes	Defines the scope of the current action of the API, following are the values that can be used ABHA_LOGIN("abha-login"), ABHA_PROFILE("abha-profile"), AADHAAR_VERIFY("aadhaar-verify"), AADHAAR-BIO-VERIFY("aadhaar-bio-verify") AADHAAR-FACE-VERIFY("aadhaar-face-verify") AADHAAR-IRIS-VERIFY("aadhaar-iris-verify") EMAIL_VERIFY("email-verify"), MOBILE_VERIFY("mobile-verify"), PASSWORD_VERIFY("password-verify"), CHANGE_PASSWORD("change-password"), RE_KYC("re-kyc"),
loginHint	index	Yes	Index of ABHA number given in search API response.
loginId	Index_Encryption	Yes	Actual value index generated in search API. This needs to be RSA encrypted using public key
otpSystem	aadhaar	Yes	Otp system to verify hiu/hip/phr login, following are the values can be used. AADHAAR("aadhaar"), ABDM("abdm"),

txnId	txnId	Yes	Transaction Id is Mandatory to identify the unique transaction for ABHA login.
-------	-------	-----	--

V3 Request Body:

Request Body
<pre>{ "scope": ["abha-login", "search-abha", "aadhaar-iris-verify"], "loginHint": "index", "loginId": "{{Index_Encryption}}", "otpSystem": "aadhaar", "txnId": "{{txnId}}" }</pre>

V3 Response:

Response
Code: 200 OK
<pre>{ "txnId": "775b6a11-ea05-49e2-8661-f9aa855cad34", "message": "IRIS authentication request successfully sent. " }</pre>

13.6.3.3.3 Verify OTP

V3 URL: {{base_url}}/v3/profile/login/verify

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body Parameters:

Property Name	Example Value	Mandatory	Description
scope	abha-login aadhaar-iris-verify	Yes	Defines the scope of the current action of the API
authMethods	"iris"	Yes	Defines the authentication method used for enrolment, following are the values that can be used OTP("otp"), PI("pi"), FACE("face") BIO("bio") IRIS("iris")
txnId	"3585baee-eab3-4651-b2cb215ee4f4d181"	Yes	Transaction Id is Mandatory to identify the unique transaction for ABHA enrollment. This chains all the steps to enroll ABHA. Transaction Id will be returned after a successful OTP transaction.
irisAuthPid	Generated Iris AuthPid Value	Yes	Iris auth pid can be generated from the Biometric systems

V3 Request Body:

```
{
  "scope": ["abha-login", "aadhaar-iris-verify"],
  "authData": { "authMethods": ["iris"],
    "iris": {
      "txnId": "{{otpTxnId}}",
      "irisAuthPid": "{{irisAuthPid}}"
    }
  }
}
```

V3 Response:

Response
200 OK

```
{
  "txnId": "775b6a11-ea05-49e2-8661-f9aa855cad34",
  "authResult": "success",
  "message": "IRIS verified successfully ",   "token":
  "eyJhbGciOiJIUzUxMiJ9.eyJpc0ptOTY1ZlclmImaWVkljP0cnVILCJzdWliOiI5MS0xMzc2LTcwMDYtNTI1OSIsImNsaWVudElkIjoieyJwOys1wcm9maWxlLWFwcC1hcGkiLCJzeXNOZW0iOiJBQkhBLU4iLCJhY2NvdW50VHlwZSI6InN0YW5kYXJkIiwibW9iaWxlljoiOTk5OTI2Njl2NSIsImFiaGFodW1iZXIiOiI5MS0xMzc2LTcwMDYtNTI1OSIsbnByZWlnClJZFiaGFBZGRyZXNZIjoIOExMzc2NWAwNjUyNTIAc2J4IiwidHlwIjoiVHJhbnNhY3Rpb24iLCJleHAiOiE3MjEzODk5NDgsImhhbmCI6MTcyMTM4NzQ0OCwidHhuSWQiOiI3NzViNmExMS1YTAlTQT5ZTiItODY2MS1mOWFhODU1Y2FkMzQifQ.Bw0NXK2Z1AbCDrehPT8fEcCbNOCJGYBUx2eVfzMml1RVK85OxeoGaZPKYc2hlke3wtFkv_BHT45Cfhr-2Cncb73Kto9NFxPV8M9r9C1NnVlLvxb7beAjHHCTrNS0XW4bID3EdVWllkRwbRSA4HOKBpNphCbth5IG9f8NFyd0Aovp4fvAJgOi2sTo5JDjdG5GweeSYZSXqQNKK1oDCq_UcuuDGG3-P4glf1r6K3QKPbcEHf1mmet7iSjopRDPUQuSuvZfG7k1QoDitV2RzXTY-
```

```
PtndwL9Y6Ucl35zeTNQI9GSI7x3CKQIjmGv_ICRyWZXBXDELUPeB2d2fiwQmaPkXtVnNbGwEi0H8Qv--n-L4-
pERFbmAXqsO4PGf2aRrzz1AOAbJXE1VaVQJP3rOysXL71pTRL8ELF6kmq8tRE_nwBbYI7BQRnHPZ6StGS7cm9C1VYZpyVy22
qX6YsIGAmlosTwOCb-
96dEri31WXZRgTYSV_74iNDCBZ3CDUMbBLjtGIRf7UZhmB8Xlx8nuF7qt0WnNtwqolAtdcQtRWZA3S8BRDiTsIYfJfHIVmNSvP
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"eyJhbGciOiJIUzUxMiJ9.eyJzdWIiOiI5MS0xMzc2LTcwMDYtNTIwOSIsImNsaWVudElkiOiYlWJlYm9maWxlbWwFwcC1hc
GkiLCJzeXNOZW0iOiJlYm9maWxlbWwFwcC1hcGkiLCJzeXNOZW0iOiJlYm9maWxlbWwFwcC1hcGkiLCJzeXNOZW0iOiJlYm9maWxlbWwFwcC1hc
LsDHIkWFqghvNSgNSLD04RQ2TiMOnXkRjOUUpF3TgvUeoVOPFi8Q55fLLRFgN5TzayOxVyFMZYL-
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K4XHmFwHAQI_WddrM940c1-
1y3DnTjITOMgGmn5ym3DI_IHF6OuqQKAAnaLrMFPJvAFxg19bVGN0ipEKDgmyV5reJo2TDPULjls8Kis8f9-
PVo03cQxj7krOXc8bmqkqIYlNdC-JcwDxZE8m5SYVSISnbQK7HGLHWZuuPnyp1-
5iWT1JtUcdJ0CzGOSOVAltmtSdqqtWV5p8HguO9JNh6znXrrZy0BHzMtY4D5Z169dqCU76ULXtLyATQBSFPF7AHRScqAiJ4jHU-
NSYsbjSgzD2ryq78pk14LXA-N_Dcoph80Qsd_2f7H_fs2csRglZL3A-
zqyunUId0ekfv2onySSGYOLib4lz30Nb8Ifm-YsrM4JT3SkVPu_QgKZ00NNM6Z2WduufrlCdfCDJboH67zQQQ",
"refreshExpiresIn": 1296000,
"accounts": [
{
"ABHANumber": "91-1376-7006-XXXX",
"preferredAbhaAddress": "narayanxxxx@sbx",
"name": "Narayanan Madaswamy", "status": "ACTIVE",
```


[illegible]

8Ek+tIzJ5KIACa4FMQnGcYI96sRNlccH6VExEc5XC880WAVtxPA69yKhaNgcBFWlBK5zg+1RMhJIOOe9OwjNSOKxtVCr85FZt
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AOM0UVQEWNjZiOCasXgymMA0UVIx1p80W7JqO8TZtcHJB5zRRTAkifl4PW05AwOQwx6ZoooEf/2Q=="

```
}  
]  
}
```

13.7 Child ABHA (These APIs are intended for use only by specific Government integrators, approved by NHA)

13.7.1 Create ABHA

V3 URL: {{base_url}}/v3/enrollment/enrol/byAadhaar

V3 Request: POST **V3**

Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
X-token	Bearer X-token	Yes	X-token of Parent user, user can get X-token after login to the system
BENEFIT-NAME	Client Benefit name	Yes	Benefit name given to integrators which has role as Hid_Child
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body Parameters:

Property Name	Example Value	Mandatory	Description
authData	authMethods	Yes	child
dayOfBirth	21	Yes	Child's Day of Birth
gender	M/F/O	Yes	Child's Gender
name	Ms. Moses Miller	Yes	Child's Name
monthOfBirth	12	Yes	Child's Month of birth

parentConsent	true	Yes	Parent consent of Child
consent	code (abha-enrollment) version (1.4)	Yes	
yearOfBirth	2019	Yes	Child's Year of birth

V3 Request Body:

Request Body
<pre>{ "authData": { "authMethods": ["child"], "child": { "dayOfBirth": "2", "monthOfBirth": "11", "yearOfBirth": "2019", "gender": "M", "name": "Mohan Mahadev", "parentConsent": "true" } }, "consent": { "code": "abha-enrollment", "version": "1.4" } }</pre>

V3 Response:

Response
Code: 200 OK

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction

V3 URL: {{base_url}}/v3/enrollment/profile/children

V3 Request: POST V3

Request Headers:

TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
X-token	Bearer X-token	Yes	X-token of Parent user, user can get X-token after login to the system
BENEFIT-NAME	Client Benefit name	Yes	Benefit name given to integrators which has role as Hid_Child
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body Parameters: NA

V3 Request Body: NA V3

Response:

Response
Code: 200 OK
<pre>{ "parentAbhaNumber": "91-2385-7728-XXXX", "mobileNumber": "*****1670", "address": "165/2 Plot no-25 Mangalai Colony Shahunagar, Godoli, Satara, Maharashtra", "childrenCount": 1, "children": [{ "dateOfBirth": "22-3-2022", "name": "Nanduri Mohite", "gender": "F", "phrAddress": "91540122767143@sbx", "ABHANumber": "91-5401-2276-XXXX" }] }</pre>

13.7.3 Update Child ABHA

V3 URL: {{base_url}}/api/abha/v3/profile/account

V3 Request: PATCH **V3**

Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds

BENEFIT-NAME	Client Benefit name	Yes	Benefit name given to integrators which has role as Hid_Child
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Body Parameters:

Property Name	Example Value	Mandatory	Description
abhaNumber		Yes	
name	Ms. Moses Miller	Yes	Child's Name
dob	Birthdate	Yes	Child DOB in dd-mm-yyyy format
gender	M/F/O	Yes	Child Gender

V3 Request Body:

Request Body
<pre>{ "abhaNumber": "91-5523-6453-XXXX", "name": "Harshal Ram Mahajan ", "dob": "23-02-2019", "gender": "M" }</pre>

V3 Response:

Response
Code: 200 OK
<pre>{ "ABHANumber": "91-5401-2276-XXXX", "preferredAbhaAddress": "91540122767143@sbx", "mobile": "*****1670", "firstName": "Praj", "middleName": "Sanjay", "lastName": "kale", "name": "Praj Sanjay kale", "yearOfBirth": "2022", "dayOfBirth": "16", "monthOfBirth": "05", "gender": "F", }</pre>


```

"status": "ACTIVE",
"stateCode": "27",
"districtCode": "494",
"pincode": "415001",
"address": "165/2 Plot no-25 Mangalai Colony Shahunagar, Godoli, Satara, Maharashtra",
"stateName": "MAHARASHTRA",
"districtName": "SATARA",
"subdistrictName": "SATARA",
"authMethods": [
  "MOBILE_OTP"
],
"tags": {},
"kycVerified": false,
"verificationStatus": "VERIFIED",
"verificationType": "CHILD_ABHA",
"createdDate": "12-06-2024"
}

```

14.0 ABHA Address Verification

14.1 ABHA Address Verification via Mobile OTP

Step 1: Search Auth Methods

V3 Sandbox URL:

<https://abhasbx.abdm.gov.in/abha/api/v3/phr/web/login/abha/search> **V3**

Prod URL:

<https://phr.abdm.gov.in/api/phr/web/v3/login/abha/search>

V3 Request: POST **V3**

Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accesstoken}}	Yes	Token generated from session API (Use ABHA Public Key)

V3 Body Parameters:

Property Name	Example Value	Mandatory	Description
abhaAddress	string	Yes	

V3 Request Body:

Request Body
<pre>{ "abhaAddress": "singh128@sbx", }</pre>

V3 Response:

Response Body
<pre>{ "healthIdNumber": "91-6167-8028-XXXX", "abhaAddress": "singh128@sbx", "authMethods": ["MOBILE_OTP", "AADHAAR_OTP"], "blockedAuthMethods": [], "status": "ACTIVE", "message": null, "fullName": "Deepak Kumar Singh", "mobile": "*****9340" }</pre>

Step 2: Request ABHA address OTP

V3 Sandbox URL:

<https://abhasbx.abdm.gov.in/abha/api/v3/phr/web/login/abha/request/otp>

V3 Prod URL:

<https://phr.abdm.gov.in/api/phr/web/v3/login/abha/request/otp>

V3 Request: POST V3

Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accesstoken}}	Yes	Token generated from session API (Use ABHA Public Key)

V3 Body Parameters:

Property Name	Value	Mandatory	Description
---------------	-------	-----------	-------------

Scope	abhaaddresslogin, mobileverify	Yes	<p>Defines the scope of the current action of the API, following are the values that can be used</p> <p>ABHA_LOGIN("abha-login"), ABHA_PROFILE("abha-profile"), AADHAAR_VERIFY("aadhaar-verify"), EMAIL_VERIFY("email-verify"), MOBILE_VERIFY("mobile-verify"), PASSWORD_VERIFY("password-verify"), CHANGE_PASSWORD("change-password"), RE_KYC("re-kyc"),</p>
loginHint	abha-address	Yes	<p>Type of login, following are the values that can be used</p> <p>ABHA_NUMBER("abha-number"), MOBILE("mobile"), EMAIL("email"), AADHAAR("aadhaar"), PASSWORD("password"),</p>
loginId	Encrypted ABHA Address	Yes	Actual value of login type. This needs to be RSA encrypted using public key
otpSystem	abdm	Yes	<p>Otp system to verify hiu/hip/phr login, following are the values can be used.</p> <p>AADHAAR("aadhaar"), ABDM("abdm"),</p>

V3 Request Body:

Request Body
<pre>{ "scope": ["abha-address-login", "mobile-verify"], "loginHint": "abha-address", "loginId": "VTwOF8Fz8KKr0/EsUlgVoF9bSyl2INUer7a3nqEMqWFSimSK67oJ6jRZxzo4bR5fbqLUyHAphK9/seSkOWUPj7f2yij2fmkOJX3PjMb8dooMfvP N4pBuA627fs8IVaNB1u8fthvjBmdltWocdi2ULXCf7MMBzQzC0FDCO2gk8XF9tohvK1q944svJe/qe4O6tLS494e5Jgm+u+DJ1BN2hhowNzbAav LX8gmNR3AcENH1/hvLR6iomM8dDHa8MtwHmVLiHBWGDcW7pfl9xKANpDmaRcXG/IU4BkUEstOGCHNaMj974XVOhsZOfnVMdwMVvCIJ gk7WKsAoJDzqNq4L1rQfVykC8sQBULKQcTuPKCjqUGUzOSHZVAaAefJ4PcOa3Nn1AvjNXAjlMqP36iHarJRywccWVNy50p8YSBDhq7iwwZjPJQ ua7d9eSM+26TxBnz0rdmEh2mpEKxKUI5RryJFZDovqrZn6lJXg+KUzyrfhtWD6VGiC9vC/jCZFPbZi83eoBQH71RCO+iVbfj8jgWRPfljCkZAAr1 N2KdaIdlUdEaEG6e7DPIWCGGrucYpTcvTbL12seqm1WswLoplZjm1UBytvCdlk50Ft6MMBOJdY+8kylF9xZ6b4tudey/UtOfvpiL08y0a+7N5bj HgkHJK3QJ08YXiFwjBh8OmXQ=", "otpSystem": "abdm" }</pre>

V3 Response:

Response Body
<pre>{ "txnId": "cd135cce-a178-4a7e-86d8-00dc53ae0192", "message": "OTP is sent to Mobile number ending with *****9127" }</pre>

Step 3: Verify ABHA address OTP

V3 Sandbox URL:

<https://abhasbx.abdm.gov.in/abha/api/v3/phr/web/login/abha/verify>

V3 Prod URL: <https://phr.abdm.gov.in/api/phr/web/v3/login/abha/verify>

V3 Request: POST **V3**

Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accesstoken}}	Yes	Token generated from session API (Use ABHA Public Key)

V3 Body Parameters:

Property Name	Value	Mandatory	Description
Scope	Abha-addresslogin, mobileverify	Yes	Defines the scope of the current action of the API, following are the values that can be used ABHA_LOGIN("abha-login"), ABHA_PROFILE("abha-profile"), AADHAAR_VERIFY("aadhaar-verify"), EMAIL_VERIFY("email-verify"), MOBILE_VERIFY("mobile-verify"), PASSWORD_VERIFY("password-verify"), CHANGE_PASSWORD("change-password"), RE_KYC("re-kyc"),

authMethods	otp	Yes	Type of login, following are the values that can be used OTP("otp"), PASSWORD("password"),
txnId	txnId	Yes	Transaction Id is Mandatory to identify the unique transaction for ABHA login.
otpValue	Encrypted OTP value	Yes	

V3 Request Body:

Request Body
<pre>{ "scope": ["abha-address-login", "mobile-verify"], "authData": { "authMethods": ["otp"], "otp": { "txnId": "{{txnId}}", "otpValue": "{{OTP_encryption}}" } } }</pre>

V3 Response:

Response Body

[illegible]

```

LSDWuLTp2288jZf2QnvsTznjns2QmYsEynO1fX0qGaTaQa6pWscsm27n1J5wHtN6ihpgQdy5zXJcAFeV9v6P5Vw+69tQEIIJy452v9MH3
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HNKwCCXKBH7cqayrNHICDHlOQfQ0pQdqpqnornrOY9qBnZHy57ZLlLMZY9zAnOD0A/DarUsyvdcn8NfYoZyG0E2YfWQkgHrzG84GO2R3rmN
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0UU2lrRgktpiI6kVQeAfzoooQH/Z",
    "abhaNumber": "91-6167-8028-XXXX",

    "status": "ACTIVE",
    "kycStatus": "VERIFIED"
  },
  },
  "tokens": {
    "token":
"eyJhbGciOiJIUzUxMiJ9.eyJzdWIiOiJzaW5naDEyOEZyYngiLCJlbGllbnRlZCjEiIHRU1RfQUJlQSIiInNlcXVlc3RlckkljoiQUJlQSI1XRUlIiLCJeXN0Z
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0d0THek5qNdIlgYkcaYefVOFH5fofLivP3RhotwvYD1rKtgRFNPiktkOff2opfXO5BO736ZK3825LCD6iINgq81m9z4CzzTvbybAOeOjLE4AyakJO
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4ni0--2Eq3EdghY_EkdZvBkwsKB084ilz6ptp5IrlaEhkXaKuFs",
    "expiresIn": 1800,
    "refreshToken":
"eyJhbGciOiJIUzUxMiJ9.eyJzdWIiOiJzaW5naDEyOEZyYngiLCJlbGllbnRlZCjEiIHRU1RfQUJlQSIiInN5c3RlbiSI6IhFCSEETQSIiInR5c3I6IiJlZnJlc2gi
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```

14.2 ABHA Address Verification via Aadhaar OTP

Step 1: Search Auth Methods

V3 Sandbox URL:

<https://abhasbx.abdm.gov.in/abha/api/v3/phr/web/login/abha/search> **V3**

Prod URL: <https://phr.abdm.gov.in/api/phr/web/v3/login/abha/search>

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accesstoken}}	Yes	Token generated from session API (Use ABHA Public Key)

V3 Body Parameters:

Property Name	Example Value	Mandatory	Description
abhaAddress	string	Yes	

V3 Request Body:

Request Body
<pre>{ "abhaAddress": "singh128@sbx", }</pre>

V3 Response:

Request Body

```
{
  "healthIdNumber": "91-6167-8028-XXXX",
  "abhaAddress": "singh128@sbx",
  "authMethods": [
    "MOBILE_OTP",
    "AADHAAR_OTP"
  ],
  "blockedAuthMethods": [],
  "status": "ACTIVE",
  "message": null,
  "fullName": "Deepak Kumar Singh",
  "mobile": "*****9340"
}
```

Step 2: Request ABHA address OTP

V3 Sandbox URL:

<https://abhasbx.abdm.gov.in/abha/api/v3/phr/web/login/abha/request/otp>

V3 Prod URL:

<https://phr.abdm.gov.in/api/phr/web/v3/login/abha/request/otp>**V3**

Request: POST V3 Request

Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accesstoken}}	Yes	Token generated from session API (Use ABHA Public Key)

V3 Body Parameters:

Property Name	Value	Mandatory	Description
---------------	-------	-----------	-------------

Scope	Abha-addresslogin, aadhaarverify	Yes	Defines the scope of the current action of the API, following are the values that can be used ABHA_LOGIN("abha-login"), ABHA_PROFILE("abha-profile"), AADHAAR_VERIFY("aadhaar-verify"), EMAIL_VERIFY("emailverify"), MOBILE_VERIFY("mobile-verify"), PASSWORD_VERIFY("password-verify"), CHANGE_PASSWORD("change-password"), RE_KYC("re-kyc"),
loginHint	Abha-address	Yes	Type of login, following are the values that can be used ABHA_NUMBER("abha-number"), MOBILE("mobile"), EMAIL("email"), AADHAAR("aadhaar"), PASSWORD("password"),
loginId	Encrypted ABHA Address	Yes	Actual value of login type. This needs to be RSA encrypted using public key
otpSystem	aadhaar	Yes	Otp system to verify hiu/hip/phr login, following are the values can be used. AADHAAR("aadhaar"), ABDM("abdm"),

V3 Request Body:

Request Body
<pre>{ "scope": ["abha-address-login", "aadhaar-verify"], "loginHint": "abha-address", "loginId": "VTwOF8Fz8KKr0/EsUlgVoF9bSyl2INUer7a3nqEMqWFSimSK67oJ6jRZxo4bR5fbqLUyHaphK9/seSkOWUPj7f2yij2fmkOJX3PjMb8dooMfvP N4pBuA627fs8IVaNB1u8fthvjBmdltWocdi2ULXCf7MMBzQzC0FDCO2gk8XF9tohvK1q944svJe/qe4O6tLS494e5Jgm+u+DJ1BN2hhowNzbAav LX8gmNR3AcENH1/hvLR6iomM8dDH8MtWtHMLiHBWGDcW7pfl9xKANpDMArcXG/IU4BkUEstOGCHNaMj974XVOhsZOfrnVMdwMVvCIJ gk7WKsAoJDzqNq4L1rQfVyKc8sQBULKQcTuPKCjqUGUzOSHZAaAefJ4PcOa3Nn1AvjNXAjlMqP36iHarJRywccWVNy50p8YSBDhq7iwwZjPJQ ua7d9eSM+26Tx8nz0rdmEh2mpEKxKUi5RryJFZDovqrZn6IJXg+KUzxyrfhtWD6VGiC9vC/jCZFPbZi83eoBQH71RCO+iVbfj8jgWRPFjCcxkZAar1 N2KdaidlUdEaEG6e7DPIWCGGrucYpTcvTbL12seqm1WswLopIzJm1UBytvCdIk50Ft6MMBOJdY+8kyIF9xZ6b4tudey/UtOfvpiL08y0a+7N5bj HgkHJK3QJ08YXiFwjBh8OmXQ=", "otpSystem": "aadhaar" }</pre>

V3 Response:

Response Body
<pre>{ "txnId": "1234567890:20211216223812", "message": "OTP is sent to Aadhaar registered mobile ending xxx001" }</pre>

Step 3: Verify ABHA address OTP

V3 Sandbox URL:

<https://abhasbx.abdm.gov.in/abha/api/v3/phr/web/login/abha/verify> **V3**

Prod URL: <https://phr.abdm.gov.in/api/phr/web/v3/login/abha/verify>

V3 Request: POST **V3**

Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accesstoken}}	Yes	Token generated from session API (Use ABHA Public Key)

V3 Body Parameters:

Property Name	Value	Mandatory	Description
Scope	abhaaddresslogin, aadhaarverify	Yes	Defines the scope of the current action of the API, following are the values that can be used ABHA_LOGIN("abha-login"), ABHA_PROFILE("abha-profile"), AADHAAR_VERIFY("aadhaar-verify"), EMAIL_VERIFY("email-verify"), MOBILE_VERIFY("mobile-verify"), PASSWORD_VERIFY("password-verify"), CHANGE_PASSWORD("change-password"), RE_KYC("re-kyc"),
authMethods	otp	Yes	Type of login, following are the values that can be used OTP("otp"), PASSWORD("password"),

txnId	txnId	Yes	Transaction Id is Mandatory to identify the unique transaction for ABHA login.
otpValue	Encrypted OTP value	Yes	

V3 Request Body:

Request Body
<pre>{ "scope": ["abha-address-login", "aadhaar-verify"], "authData": { "authMethods": ["otp"], "otp": { "txnId": "{{txnId}}", "otpValue": "{{OTP_encryption}}" } } }</pre>

V3 Response:

Response Body

[illegible]

14.3 ABHA Address Verification via Biometric

14.3.1 ABHA Address Verification via Biometric (Face)

Step 1: Search Auth Methods

V3 Sandbox URL:

<https://abhasbx.abdm.gov.in/abha/api/v3/phr/web/login/abha/search> **V3**

Prod URL: <https://phr.abdm.gov.in/api/phr/web/v3/login/abha/search>

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{\${isoTimestamp}}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accesstoken}}	Yes	Token generated from session API (Use ABHA Public Key)

V3 Body Parameters:

Property Name	Example Value	Mandatory	Description
abhaAddress	string	Yes	

V3 Request Body:

Request Body
<pre>{ "abhaAddress": "singh128@sbx", }</pre>

V3 Response:

Request Body

```
{
  "healthIdNumber": "91-6167-8028-XXXX",
  "abhaAddress": "singh128@sbx",
  "authMethods": [
    "MOBILE_OTP",
    "AADHAAR_OTP"
  ],
  "blockedAuthMethods": [],
  "status": "ACTIVE",
  "message": null,
  "fullName": "Deepak Kumar Singh",
  "mobile": "*****9340"
}
```

Step 2: Send Face Authentication Request

V3 Sandbox URL:

<https://abhasbx.abdm.gov.in/abha/api/v3/phr/web/login/abha/request/otp>

V3

Prod

URL:

<https://phr.abdm.gov.in/api/phr/web/v3/login/abha/request/otp>**V3**

Request: POST V3

Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the
			month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accesstoken}}	Yes	Token generated from session API (Use ABHA Public Key)

V3 Body Parameters:

Property Name	Value	Mandatory	Description
Scope	abha-login, aadhaar-face-verify	Yes	Defines the scope of the current action of the API, following are the values that can be used ABHA_LOGIN("abha-login"), ABHA-ADDRESS-LOGIN("abha-address-login") ABHA_PROFILE("abha-profile"), AADHAAR_VERIFY("aadhaar-verify"), EMAIL_VERIFY("email-verify"), AADHAAR-BIO-VERIFY("aadhaar-bio-verify") AADHAAR-FACE-VERIFY("aadhaar-face-verify") AADHAAR-IRIS-VERIFY("aadhaar-iris-verify") MOBILE_VERIFY("mobile-verify"), PASSWORD_VERIFY("password-verify"), CHANGE_PASSWORD("change-password"), RE_KYC("re-kyc"),

loginHint	abha-address	Yes	Type of login, following are the values that can be used ABHA_NUMBER("abha-number"), MOBILE("mobile"), EMAIL("email"), AADHAAR("aadhaar"), PASSWORD("password"),
loginId	Encrypted ABHA Address	Yes	Actual value of login type. This needs to be RSA encrypted using public key
otpSystem	aadhaar	Yes	Otp system to verify hiu/hip/phr login, following are the values can be used. AADHAAR("aadhaar"), ABDM("abdm"),

V3 Request Body:

Request Body
<pre>{ "scope": ["abha-login", "aadhaar-face-verify"], "loginHint": "abha-address", "loginId": "VTwOF8Fz8KKr0/EsUlgVoF9bSyl2INUer7a3nqEMqWFSimSK67oJ6jRZxo4bR5fbqLUyHAphK9/seSkOWUPj7f2yij2fmkOJX3PjMb8dooMfvPN4 pBuA627fs8lVaNB1u8fthvjBmdltWocdi2ULXCf7MMBzQzC0FDCO2gk8XF9tohvK1q944svJe/qe4O6tLS494e5Jgm+u+DJ1BN2hhownZbAavLX8g mNR3AcENH1/hvLR6iomM8dDHa8MtwHMLiHBWGDCW7pfl9xKANpDMaRcXG/IU4BkUEstOGCHNaMj974XVOhsZOfnVMdwMVvCIJgk7WKs AojDzqNq4L1rQfVYKc8sQBULKQcTuPKCjqUGUzOSHZVAaAeFj4PcOa3Nn1AvjNXAjlMqP36iHarJRywccWVNy50p8YSBDhq7iwwZjPJQua7d9eSM +26TxBnz0rdmEh2mpEKxKUi5RryJFZDovqrZn6lJXg+KUzxyrfhtWD6VGiC9vC/jCZFPbZi83eoBQH71RCO+ivbfj8jgWRPfljCkZAar1N2KdaidlUdEa EG6e7DPIWCGGGrucYpTcvTbL12seqm1WswLopIZJm1UBytvCdIk50Ft6MMBOjdY+8kyIF9xZ6b4tudey/UtOFvpil08y0a+7N5bjHgkHJK3QJ08YXiF wjbH8OmXQ=", "otpSystem": "aadhaar" }</pre>

V3 Response:

Response Body

```
{
  "txnId": "4faf0ca4-ce24-4804-8dfa-1dd1c9f0edfb ",
  "message": "Face authentication request successfully sent "
}
```

Step 3: Verify via Face Authentication

V3 Sandbox URL:

<https://abhasbx.abdm.gov.in/abha/api/v3/phr/web/login/abha/verify> **V3**

Prod URL: <https://phr.abdm.gov.in/api/phr/web/v3/login/abha/verify>

V3 Request: POST **V3 Request Headers:**

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accessToken}}	Yes	Token generated from session API (Use ABHA Public Key)

V3 Body Parameters:

Property Name	Value	Mandatory	Description
Scope	abha-login, aadhaar-face-verify	Yes	Defines the scope of the current action of the API, following are the values that can be used ABHA_LOGIN("abha-login"), ABHA_ADDRESS_LOGIN("abha-address-login") ABHA_PROFILE("abha-profile"), AADHAAR_VERIFY("aadhaar-verify"), AADHAAR_BIO_VERIFY("aadhaar-bio-verify"), AADHAAR_FACE_VERIFY("aadhaar-face-verify"), AADHAAR_IRIS_VERIFY("aadhaar-iris-verify"), EMAIL_VERIFY("email-verify"), MOBILE_VERIFY("mobile-verify"), PASSWORD_VERIFY("password-verify"), CHANGE_PASSWORD("change-password"), RE_KYC("re-kyc"),
authMethods	face	Yes	Type of login, following are the values that can be used OTP("otp"), PASSWORD("password"),
txnId	txnId	Yes	Transaction Id is Mandatory to identify the unique transaction for ABHA login.
faceAuthPid	Encrypted faceAuthPid value	Yes	Face auth pid can be generated from the Biometric systems.

V3 Request Body:

Request Body

```
{
  "scope": [
    "abha-login",
    "aadhaar-face-verify"
  ],
  "authData": {
    "authMethods": [
      "face"
    ],
    "face": {
      "txnId": "{{txnId}}",
      "faceAuthPid": "{{faceAuthPid}}"
    }
  }
}
```

{
 (a+b+1)*11 - ((a*f+f0+1 - a+24-4004-9*d*f-1*d*d1+0*f0+d0-11

[illegible]

Kp19+pX/PB9JlZCx9V5/MV4v8AFu5Ya1a2naO38wc/32IP/oA/KqWrEedsdzZGSSEkb5Eu4DYSTWlp+nNcmOQJClzn1PYV0FvpGfG/is51eU1hScLc
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"abhaNumber": "91-6167-8028-XXXX",

"status": "ACTIVE",
"kycStatus": "VERIFIED"
},
"tokens": {
"token":
"eyJhbGciOiJSUzUxMiJ9.eyJzdWllOiJzaW5naDEyOEBzYngiLCJjbGllbnRlZCI6ImRlRU1RfQURlQlQlSisInJlcXVlc3RlcklkljoiQUJlQlQlS1XRUIiLCJzeXN0ZWoi
OiJlBQkhlBUiEiLCJib2JpbG9uOiIiOiI5MzQwMjM5MTI3IiwidHlwIjoibWlnbHwI3Rpb24iLCJleHAiOiE3MjAwNjc2MzslmhlWYwOaElkTnVtYmVyojoiO
TETnJE2Ny04MDI4LTA0ODIiLCJpYXQiOiE3MjAwNjU1NzMsInBockFkZjHlZ3MiOiJzaW5naDEyOEBzYngiLCJhYmhhQWRkcmVzcy16InNpbmdoMT
l4QHNieCisInR4bklkljoiZTFkYmliNzTAtYzliNi00NDUwLTkyZmEtOGNiMmVjZGY2OWI0In0.JDCwqgAhqG78NbaTdbi94JMxii57H9_rSlvhK4UnoFApt0cVncnE9Q
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14.3.2 ABHA Address Verification via Biometric (Fingerprint)

Note : List of UIDAI-approved biometric devices

- <https://uidai.gov.in/en/ecosystem/authentication-devices-documents/biometric>
<https://ind01.safelinks.protection.outlook.com/?url=https://uidai.gov.in/en/ecosystem/authentication-devices-documents/biometric-devices.html&data=05|02|Kushal.Pandita@ltimindtree.com|022d6e5cc5ca4c50ddc708dd93aaf31c|ff355289721e4dd7a663afec62ab9d54|0|0|638829084605444457|Unknown|TWfPbGZsb3d8eyJFbXB0eU1hcGkiOnRydWUslYiOilwLjAuMDAwMCIslAIoiJXaW4zMlslkFOljoitWFpbClldUljoyfQ==|0||&sdata=l/nQjzqQwmHiwJj++2ueol9Tlnbz1iunxdtKxwPjPLQ=&reserved=0>[devices.html](#). (Kindly note that the list is updated by UIDAI periodically.)

Step 1: Search Auth Methods

V3 Sandbox URL:

<https://abhasbx.abdm.gov.in/abha/api/v3/phr/web/login/abha/search> **V3**

Prod URL: <https://phr.abdm.gov.in/api/phr/web/v3/login/abha/search>

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accesstoken}}	Yes	Token generated from session API (Use ABHA Public Key)

V3 Body Parameters:

Property Name	Example Value	Mandatory	Description
abhaAddress	string	Yes	

V3 Request Body:

Request Body

```
{
  "abhaAddress": "singh128@sbx",
}
```

V3 Response:

Request Body
<pre>{ "healthIdNumber": "91-6167-8028-XXXX", "abhaAddress": "singh128@sbx", "authMethods": ["MOBILE_OTP", "AADHAAR_OTP"], "blockedAuthMethods": [], "status": "ACTIVE", "message": null, "fullName": "Deepak Kumar Singh", "mobile": "*****9340" }</pre>

Step 2: Send Fingerprint Authentication Request

V3 Sandbox URL:

<https://abhasbx.abdm.gov.in/abha/api/v3/phr/web/login/abha/request/otp>

V3 Prod URL:

<https://phr.abdm.gov.in/api/phr/web/v3/login/abha/request/otp>

V3 Request: POST V3

Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accessToken}}	Yes	Token generated from session API (Use ABHA Public Key)

V3 Body Parameters:

Property Name	Value	Mandatory	Description
---------------	-------	-----------	-------------

Scope	abha-login, aadhaar-bio-verify	Yes	Defines the scope of the current action of the API, following are the values that can be used ABHA_LOGIN("abha-login"), ABHA-ADDRESS-LOGIN("abha-address-login") ABHA_PROFILE("abha-profile"), AADHAAR_VERIFY("aadhaar-verify"), EMAIL_VERIFY("email-verify"), AADHAAR-BIO-VERIFY("aadhaar-bio-verify") AADHAAR-FACE-VERIFY("aadhaar-face-verify") AADHAAR-IRIS-VERIFY("aadhaar-iris-verify") MOBILE_VERIFY("mobile-verify"), PASSWORD_VERIFY("password-verify"), CHANGE_PASSWORD("change-password"), RE_KYC("re-kyc"),
loginHint	abha-address	Yes	Type of login, following are the values that can be used ABHA_NUMBER("abha-number"), MOBILE("mobile"), EMAIL("email"), AADHAAR("aadhaar"), PASSWORD("password"),
loginId	Encrypted ABHA Address	Yes	Actual value of login type. This needs to be RSA encrypted using public key
otpSystem	aadhaar	Yes	Otp system to verify hlu/hip/phr login, following are the values can be used. AADHAAR("aadhaar"), ABDM("abdm"),

V3 Request Body:

Request Body
<pre>{ "scope": ["abha-login", "aadhaar-bio-verify"], "loginHint": "abha-address", "loginId": "VTwOF8Fz8KKr0/EsUlgVoF9bSyl2INUer7a3nqEMqWFSimSK67oJ6jRZxo4bR5fbqLUyHAphK9/seSkOWUPj7f2yij2fmkOJX3PjMb8dooMfvPN4pBuA627fs8IVaNB1u8fthvjBmdltWocdi2ULXCf7MMBzQzC0FDCO2gk8XF9tohvK1q944svJe/qe4O6tLS494e5Jgm+u+DJ1BN2hhownZbAavLX8gmNR3AcENH1/hvLR6iomM8dDHa8MtwHMvLiHBWGDCW7pfl9xKANpDMaRcXG/IU4BkUEstOGCHNaMj974XVOhsZOfnVMdwMVvCIJgk7WKsAoJDzqNq4L1rQfVyKc8sQBULKQcTuPKCjqUGUzOSHZVAaAeFj4PcOa3Nn1AvjNXAjlMqP36iHarJRywccWVNy50p8YSBDhq7iwwZjPJQua7d9eSM+26TxBnz0rdmEh2mpEKxKUI5RryJFZDovqrZn6IJXg+KUzxyrftWD6VGIC9vC/jCZFPbZi83eoBQH71RCO+iVbfj8jgWRPfljCkxZAar1N2KdaidlUdEaEG6e7DPIWCGGrucYpTcvTbL12seqm1WswLoplZJm1UBytvCdIk50Ft6MMBOJdY+8kylF9xZ6b4tudey/UtOFvpilO8y0a+7N5bjHgkHJK3QJ08YXIfwjbH8OmXQ=", "otpSystem": "aadhaar" }</pre>

V3 Response:

Response Body
<pre>{ "txnId": "4faf0ca4-ce24-4804-8dfa-1dd1c9f0edfb ", "message": "Fingerprint authentication request successfully sent " }</pre>

Step 3: Verify via Fingerprint Authentication

V3 Sandbox URL:

<https://abhasbx.abdm.gov.in/abha/api/v3/phr/web/login/abha/verify> **V3 Prod**

URL:

<https://phr.abdm.gov.in/api/phr/web/v3/login/abha/verify>

V3 Request: POST V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accessToken}}	Yes	Token generated from session API (Use ABHA Public Key)

V3 Body Parameters:

Property Name	Value	Mandatory	Description
Scope	abha-login, aadhaar-bio-verify	Yes	Defines the scope of the current action of the API, following are the values that can be used ABHA_LOGIN("abha-login"), ABHA-ADDRESS-LOGIN("abha-address-login") ABHA_PROFILE("abha-profile"), AADHAAR_VERIFY("aadhaar-verify"), AADHAAR-BIO-VERIFY("aadhaar-bio-verify") AADHAAR-FACE-VERIFY("aadhaar-face-verify") AADHAAR-IRIS-VERIFY("aadhaar-iris-verify") EMAIL_VERIFY("email-verify"), MOBILE_VERIFY("mobile-verify"), PASSWORD_VERIFY("password-verify"), CHANGE_PASSWORD("change-password"), RE_KYC("re-kyc"),
authMethods	bio	Yes	Type of login, following are the values that can be used OTP("otp"), PASSWORD("password"),
txnId	txnId	Yes	Transaction Id is Mandatory to identify the unique transaction for ABHA login.

fingerPrintAuthPid	Encrypted fingerPrintAuthPid value	Yes	Fingerprint auth pid can be generated from the Biometric systems.
--------------------	------------------------------------	-----	---

V3 Request Body:

Request Body	
<pre>{ "scope": ["abha-login", "aadhaar-bio-verify"], "authData": { "authMethods": ["bio"], "bio": { "txnId": "{{txnId}}", "fingerPrintAuthPid": "{{fingerPrintAuthPid}}" } } }</pre>	

V3 Response:

Response Body

[illegible]

14.3.3 ABHA Address Verification via Biometric (Iris)

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accesstoken}}	Yes	Token generated from session API (Use ABHA Public Key)

V3 Body Parameters:

Property Name	Example Value	Mandatory	Description
abhaAddress	string	Yes	

V3 Request Body:

Request Body
<pre>{ "abhaAddress": "singh128@sbx", }</pre>

V3 Response:

Request Body
<pre>{ "healthIdNumber": "91-6167-8028-XXXX", "abhaAddress": "singh128@sbx", "authMethods": ["MOBILE_OTP", "AADHAAR_OTP"], "blockedAuthMethods": [], "status": "ACTIVE", "message": null, "fullName": "Deepak Kumar Singh", "mobile": "*****9340" }</pre>

Step 2: Send Iris Authentication Request

V3 Sandbox URL:

<https://abhasbx.abdm.gov.in/abha/api/v3/phr/web/login/abha/request/otp>

V3 Prod URL:

<https://phr.abdm.gov.in/api/phr/web/v3/login/abha/request/otp>

V3 Request: POST

V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accesstoken}}	Yes	Token generated from session API (Use ABHA Public Key)

V3 Body Parameters:

Property Name	Value	Mandatory	Description
Scope	abha-login, aadhaar-iris-verify	Yes	Defines the scope of the current action of the API, following are the values that can be used ABHA_LOGIN("abha-login"), ABHA-ADDRESS-LOGIN("abha-address-login") ABHA_PROFILE("abha-profile"), AADHAAR_VERIFY("aadhaar-verify"), EMAIL_VERIFY("email-verify"), AADHAAR-BIO-VERIFY("aadhaar-bio-verify") AADHAAR-FACE-VERIFY("aadhaar-face-verify") AADHAAR-IRIS-VERIFY("aadhaar-iris-verify") MOBILE_VERIFY("mobile-verify"), PASSWORD_VERIFY("password-verify"), CHANGE_PASSWORD("change-password"), RE_KYC("re-kyc"),
loginHint	abha-address	Yes	Type of login, following are the values that can be used ABHA_NUMBER("abha-number"), MOBILE("mobile"), EMAIL("email"), AADHAAR("aadhaar"), PASSWORD("password"),
loginId	Encrypted ABHA Address	Yes	Actual value of login type. This needs to be RSA encrypted using public key
otpSystem	aadhaar	Yes	Otp system to verify hiu/hip/phr login, following are the values can be used. AADHAAR("aadhaar"), ABDM("abdm"),

V3 Request Body:

Request Body

```
{
  "scope": [
    "abha-login",
    "aadhaar-iris-verify"
  ],
  "loginHint": "abha-address",
  "loginId":
"VTwOF8Fz8KKr0/EsUlgVoF9bSyl2INUer7a3nqEMqWFSimSK67oJ6jRZxo4bR5fbqLUyHAphK9/seSkOWUPj7f2yij2fmkOJX3PjMb8dooMfvPN4
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mNR3AcENH1/hvLR6iomM8dDHa8MtwHMvLiHBWGDWCW7pfl9xKANpDMArcXG/IU4BkUEstOGCHNaMj974XVOhsZOfnVMdwMVvCIJgk7WKs
AoJDzqNq4L1rQfVyKc8sQBULKQcTuPKCjqUGUzOSHvAaAeFj4PcOa3Nn1AvjNXAjlMqP36iHarJRywccWVNy50p8YSBDhq7iwwZjPJQua7d9eSM
+26TxBnz0rdmEh2mpEKxKui5RryJFZDovqrZn6lJXg+KUzyrfhtWD6VGiC9vC/jCZFPbZi83eoBQH71RCO+iVbfj8jgWRPfljCkxZAar1N2KdaidlUdEa
EG6e7DPIWCGGrucYpTcvTbL12seqm1WswLopLZjm1UBytvCdIk50Ft6MMBOJdY+8kylF9xZ6b4tudey/UtOFvpil08y0a+7N5bjHgkHJK3QJ08YXiF
wjbH8OmXQ=",
  "otpSystem": "aadhaar"
}
```

V3 Response:

Response Body
<pre>{ "txnId": "4faf0ca4-ce24-4804-8dfa-1dd1c9f0edfb ", "message": "Iris authentication request successfully sent " }</pre>

Step 3: Verify via Iris Authentication

V3 Sandbox URL:

<https://abhasbx.abdm.gov.in/abha/api/v3/phr/web/login/abha/verify> **V3**

Prod URL: <https://phr.abdm.gov.in/api/phr/web/v3/login/abha/verify>

V3 Request: POST **V3 Request Headers:**

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
Authorization Token	{{accesstoken}}	Yes	Token generated from session API (Use ABHA Public Key)

V3 Body Parameters:

Property Name	Value	Mandatory	Description
Scope	abha-login, aadhaar-iris-verify	Yes	Defines the scope of the current action of the API, following are the values that can be used ABHA_LOGIN("abha-login"), ABHA-ADDRESS-LOGIN("abha-address-login") ABHA_PROFILE("abha-profile"), AADHAAR_VERIFY("aadhaar-verify"), AADHAAR-BIO-VERIFY("aadhaar-bio-verify") AADHAAR-FACE-VERIFY("aadhaar-face-verify") AADHAAR-IRIS-VERIFY("aadhaar-iris-verify") EMAIL_VERIFY("email-verify"), MOBILE_VERIFY("mobile-verify"), PASSWORD_VERIFY("password-verify"), CHANGE_PASSWORD("change-password"), RE_KYC("re-kyc"),
authMethods	iris	Yes	Type of login, following are the values that can be used OTP("otp"), PASSWORD("password"),
txnId	txnId	Yes	Transaction Id is Mandatory to identify the unique transaction for ABHA login.
irisAuthPid	Encrypted irisAuthPid value	Yes	Fingerprint auth pid can be generated from the Biometric systems.

V3 Request Body:

Request Body
<pre>{ "scope": ["abha-login", "aadhaar-iris-verify"], "authData": { "authMethods": ["iris"], "iris": { "txnId": "{{txnId}}", "irisAuthPid": "{{irisAuthPid}}" } } }</pre>

V3 Response:

Response Body

[illegible]


```

8hpPwQ87/P1oAU7cgyPNZ1wf33XoKvE45wc1QuTmc/Shlj0bBBRStm/eAkNkYrKVuB2RtvtuA+9JAY9KuYnOORg15x8TNS500icZmVmw4kLAYH
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PJIJMu7FmOPUnk1DuzTGFHfUtB3JS/NBO0eYQockk9B+poL9WJ4HTimAvmKyMSeSagzTHmeU/M5IHaneEKYypG4ZBPcVlFRSkEgZQrbgWfPAP
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CeVv8A98t/jWz4pgTWNHtvEvui7wBDD7R0boG/kOvQr71xgBLBR1JqlGmtbGMnOD5Wzo7e9uLyF7m8dYrcsFAVE/tkn097q3WcvHC3lItVSRSR+
f4jvU9va+XYwTSShsDziOT+FckW/MnnP/wBfNkN6AfYd0l2kx8fxFh/QVSlS5Q5XMm7umvLxpJ696jfbu+Xv2qNQeQAWbvjoKUq3KsdvriqsK4u7ad
q8noTipYR5Q21zTF14XtW7o81tCjRypaPfkeS4G7bGepUdm9C0RMk9NQtcyQ+OR91utWV+albnPoarzmJLqVlSXg3kRswW5ueD+VohKAG30cd
DTRLREWwKYOUtSnByM8H1qMPwenPSmB0p4pCcnFMRYeg4pw+ICAZl3BUdgYc1O696ZsBHNKwCCXKBH7cqaYrNHICDhIOQfQ0pQldppqno
r0Y9qBnZHy57ZLVMZy9naODOA/DarUASyvdch8NfyoZyG0E2RfWQkggrHrzg8X04R23rnmNH1GS2W0lJdggiJm8lHPbv+Ndx4dLW2q3Fm7b
hMvyPggsV5BH1BJ/AUn5AnYp+E
```


14.4 Profile

14.4.1 Get ABHA address ABHA Profile

V3 SBX URL:

<https://abhasbx.abdm.gov.in/abha/api/v3/phr/web/login/profile/abhaprofile>

V3 Prod URL:

<https://phr.abdm.gov.in/api/phr/web/v3/login/profile/abhaprofile> **V3**

Request: GET V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
X-token	Bearer X-token	Yes	X-token of user, user can get X-token after login to the system
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Response:

Response Body

[illegible]

```

"gender": "M",
"email": "hemant.bodhai@XXXX.com",
"mobile": "*****9995",
"abhaNumber": "91-3837-7464-XXXX",
"address": "house no-620, main road, Nashik, Nashik, Maharashtra",
"stateName": "MAHARASHTRA",
"pinCode": "422003",
"stateCode": "27",
"districtCode": "487",
"authMethods": [
  "AADHAAR_OTP",
  "MOBILE_OTP"
],
"status": "ACTIVE",
"subDistrictCode": "",
"subDistrictName": "",
"emailVerified": "false",
"mobileVerified": "true",
"kycStatus": "VERIFIED"
}

```

14.4.2 Get ABHA address ABHA card

V3 SBX URL:

<https://abhasbx.abdm.gov.in/abha/api/v3/phr/web/login/profile/abha/phr-card>

V3 Prod URL:

<https://phr.abdm.gov.in/api/phr/web/v3/login/profile/abha/phr-card>

V3 Request: GET V3

Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
X-token	Bearer X-token	Yes	X-token of user, user can get X-token after login to the system
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Response:

Response Body
ABHA Card

14.4.3 Get QR Code

V3 SBX URL:

https://abhasbx.abdm.gov.in/abha/api/v3/phr/web/login/profile/abha/qr-code

V3 Prod URL:

https://phr.abdm.gov.in/api/phr/web/v3/login/profile/abha/qr-code

V3 Request: GET V3 Request Headers:

Property Name	Example Value	Mandatory	Description
REQUEST-ID	18235d89-cb13-479d-ad71-7a57d5f669a8	Yes	Unique UUID for tracking the end-to-end request transaction
TIMESTAMP	{{isoTimestamp}}	Yes	The actual time when the request was initiated, ISO 8601 represents the date and time by starting with the year, followed by the month, the day, the hour, the minutes, seconds, and milliseconds
X-token	Bearer X-token	Yes	X-token of user, user can get X-token after login to the system
Authorization Token	{{accesstoken}}	Yes	Token generated from session API

V3 Response:

Response Body
QR Code