**Central management system**  
**Keycloak**  
  
  
Server- <https://dev-auth.voltacabs.com/admin/master/console/#/voltacabs>Account Login- <https://dev-auth.voltacabs.com/realms/voltacabs/account/#/>As per user login we will be authenticating user based on mobile number and OTP.

**Postman collection-** https://warped-shuttle-363492.postman.co/workspace/New-Team-Workspace~929d0451-fcdf-48f7-a2cf-7cc46b531ff5/collection/29249750-a9928520-2829-4c09-9fb8-03c1172fe1fd?action=share&creator=30398398

As per the keycloak we have some keywords i.e.   
  
**keycloak guide-** https://www.keycloak.org/docs/latest/server\_admin/  
  
**realms**

A realm manages a set of users, credentials, roles, and groups. A user belongs to and logs into a realm. Realms are isolated from one another and can only manage and authenticate the users that they control.  
  
**clients**

Clients are entities that can request Keycloak to authenticate a user.  
  
An administrator account that can act as a *super* admin with full permissions to manage Keycloak.  
  
**userName-admin**  
**password- \*\*\*\*\*\*\*\*\*\***  
  
Master realm –Keycloak  
other realm –**voltacabs**   
  
**Database**   
host-139.144.1.125  
username- postgres  
password-\*\*\*\*\*\*\*\*   
  
  
**1-User login with mobile number**   
**Description:**  
if user exit in keycloak we will get response as existing user if not new user   
**Request Type: POST**

**Request URL:** <https://dev-auth.voltacabs.com/realms/voltacabs/protocol/openid-connect/token>**Description:** This API is designed for the **User login** with mobile number

**Request Body** (Form-encoded):  
POST- curl --location 'https://dev-auth.voltacabs.com/realms/voltacabs/protocol/openid-connect/token' \

--header 'Content-Type: application/x-www-form-urlencoded' \

--data-urlencode 'client\_id=postman' \

--data-urlencode 'client\_secret=sAX1VKXCghqGI5mQ5fOA8BQNEJpl' \

--data-urlencode 'custom\_grant\_type=client\_credentials' \

--data-urlencode 'mobile\_number=8686441998' \

--data-urlencode 'grant\_type=password' \

--data-urlencode 'event\_type=login-captain'  
  
**Responses-**  
**HTTP Status Code:** 200 OK

{

"status": "success",

"message": "OTP sent successfully",

"data": "existing user"

}  
{

"status": "success",

"message": "OTP sent successfully",

"data": "new user created"

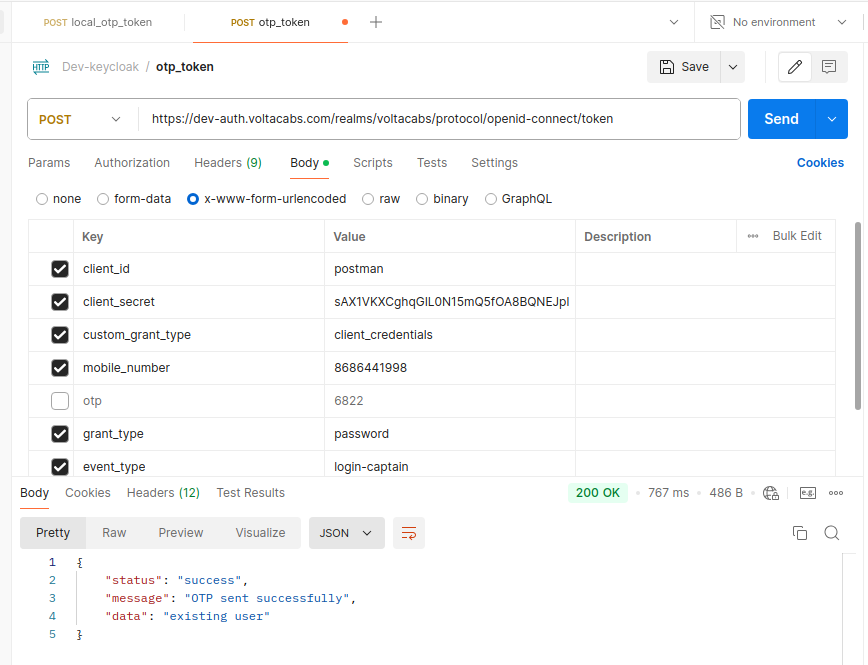
}  
**Bad Request Response**:  
if not, success we will get with response   
{

"status": "error",

"message": "Please enter a valid 10-digit mobile number.",

"data": "Invalid mobile number format."

}

  
  
  
**2 -User login with OTP**   
**Description:** user login with OTP as otp will share to register mobile numbe  
if user is authenticated, we will get access token and refresh token   
if user is not authenticated, we will get Invalid OTP provided.  
**Request Type: POST**

**Request URL:** https://dev-auth.voltacabs.com/realms/voltacabs/protocol/openid-connect/token'

curl --location 'https://dev-auth.voltacabs.com/realms/voltacabs/protocol/openid-connect/token' \

--header 'Content-Type: application/x-www-form-urlencoded' \

--data-urlencode 'client\_id=postman' \

--data-urlencode 'client\_secret=sAX1VKXCghqGQ5fOA8BQNEJpl' \

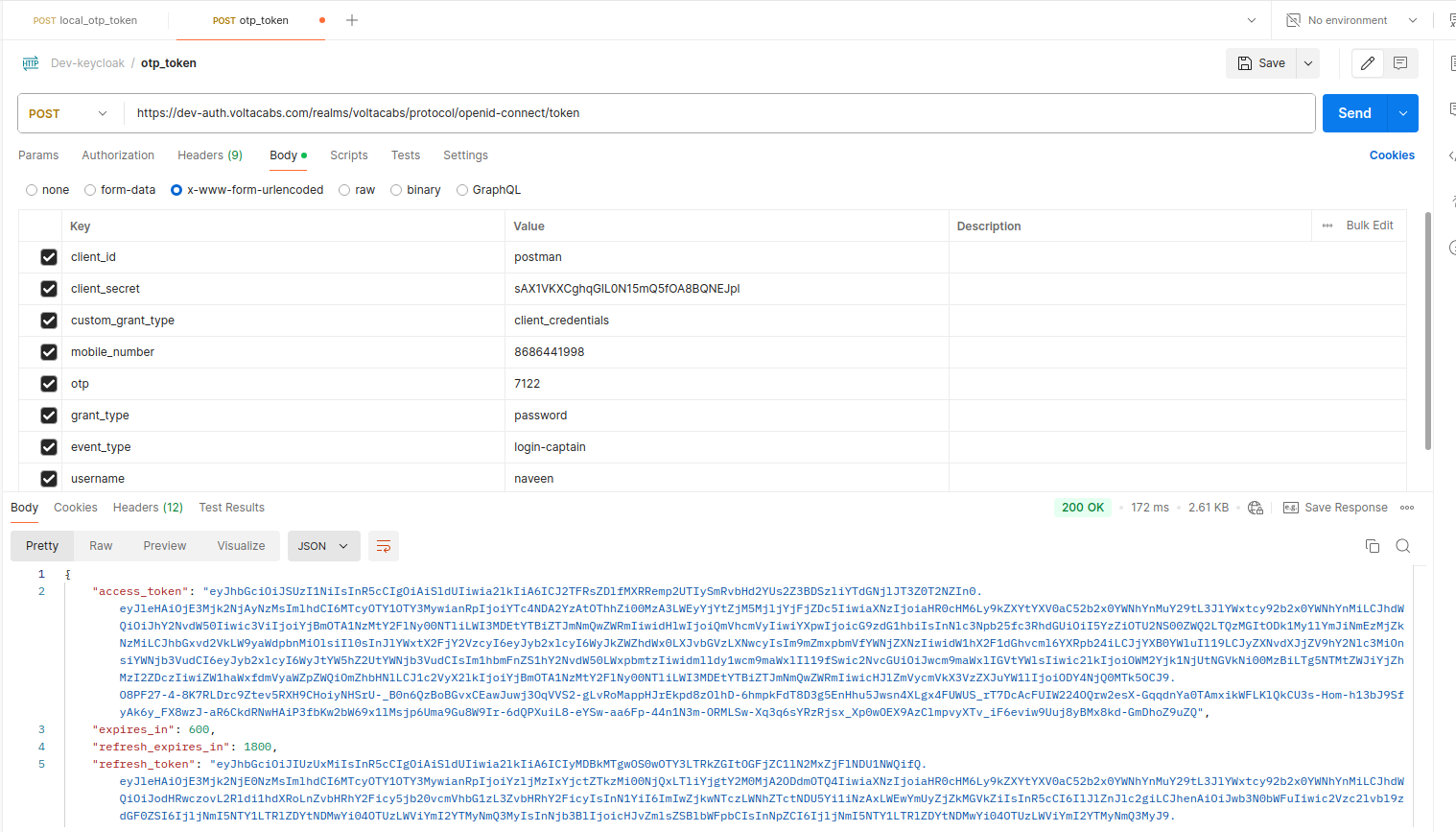
--data-urlencode 'custom\_grant\_type=client\_credentials' \

--data-urlencode 'mobile\_number=868644199' \

--data-urlencode 'otp=5378' \

--data-urlencode 'grant\_type=password' \

--data-urlencode 'event\_type=login-captain'

  
  
**3- Client token**   
**Description:** This Api is for client login in keyclaok with client authtication  
Clients are entities that can request Keycloak to authenticate a user.  
We have multiple clients based on user login**Request Type: POST**

**Request URL: ttps://dev-auth.voltacabs.com/realms/voltacabs/protocol/openid-connect/token'**

curl --location 'https://dev-auth.voltacabs.com/realms/voltacabs/protocol/openid-connect/token' \

--header 'Content-Type: application/x-www-form-urlencoded' \

--data-urlencode 'client\_id=android-app' \

--data-urlencode 'client\_secret=smyoH2fPn2OyhEdyZkgXPEbdGER' \ --data-urlencode 'grant\_type=client\_credentials  
  
**Responses:**

**Success Response**

**HTTP Status Code:** 200 OK  
  
{

"access\_token": "eyJhbGcYxIqHB\_Zfbc\_IO0sRZko-cgtcrgZG\_LTzIdMD7-o9G1H\_HLwKIVA9Hjkx8kEA",

"expires\_in": 120,

"refresh\_expires\_in": 0,

"token\_type": "Bearer",

"not-before-policy": 1727928742,

"scope": "profile acr email"

}  
  
**Unauthorized Response**:

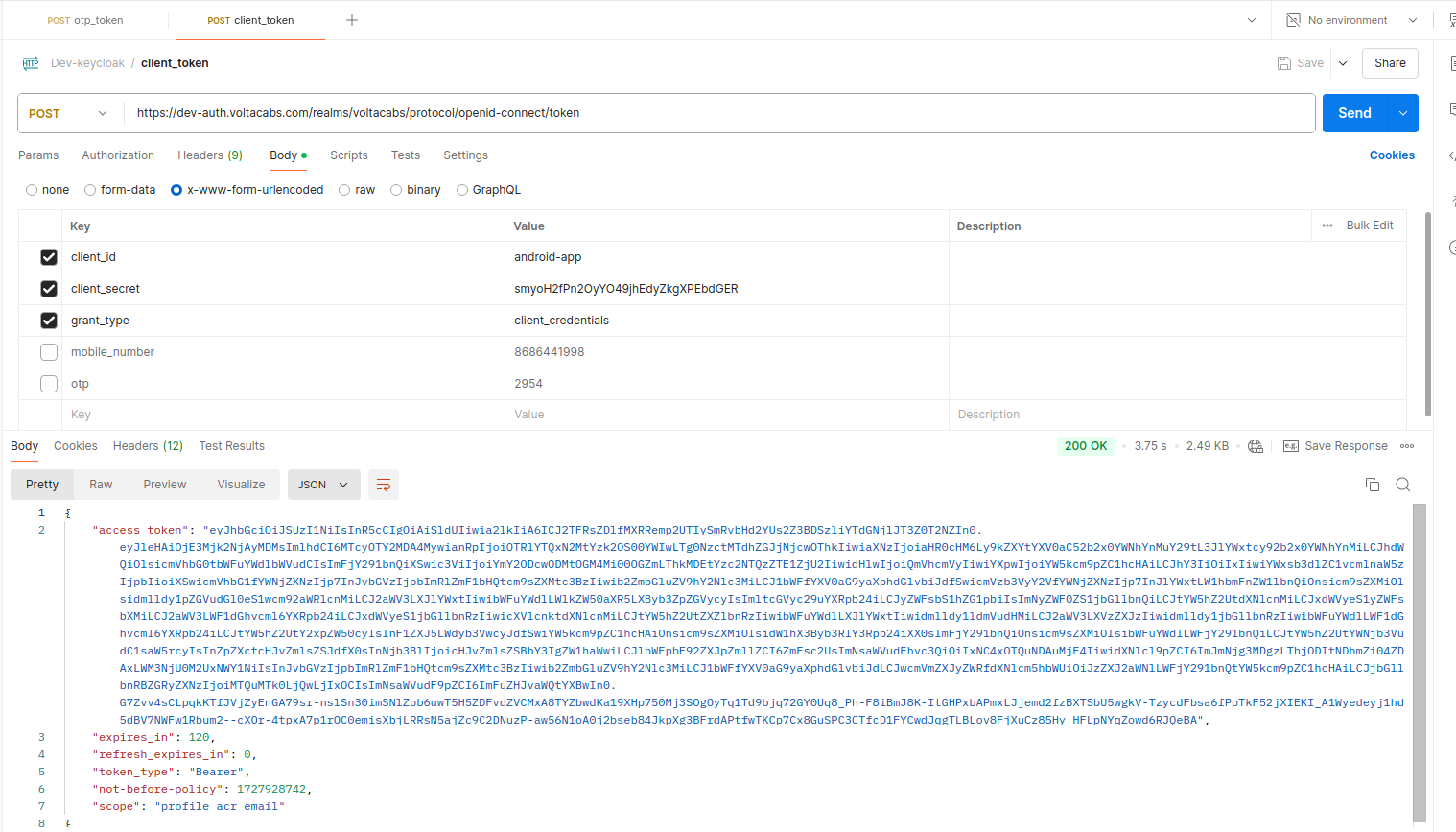
**HTTP Status Code:** 401 Unauthorized

{

"error": "unauthorized\_client",

"error\_description": "Invalid client or Invalid client credentials"

}

  
  
  
**4-creating access token with refresh token**   
  
**Request Type: POST**

**Request URL:** https://dev-auth.voltacabs.com/realms/voltacabs/protocol/openid-connect/token

**Description:** This API is designed for to get access token for user we need to pass refresh token of user to below post API with client details as below

curl --location 'https://dev-auth.voltacabs.com/realms/voltacabs/protocol/openid-connect/token' \

--header 'Content-Type: application/x-www-form-urlencoded' \

--data-urlencode 'client\_id=postman' \

--data-urlencode 'client\_secret=sAX1VKXCghq5mQ5fOA8BQNEJpl' \

--data-urlencode 'grant\_type=refresh\_token' \

--data-urlencode 'refresh\_token=eyw'  
**Responses:**

**Success Response**

**HTTP Status Code:** 200 OK  
{

"access\_token": "x04w",

"expires\_in": 600,

"refresh\_expires\_in": 1800,

"refresh\_token": "eyJhbZ3Fc2mPgvUC9PqDiVQd781iJmd9SfdUw3Ih1rLMp6Q",

"token\_type": "Bearer",

"not-before-policy": 1727928742,

"session\_state": "6e1b7beb-5d3f-4cd3-ae2f-0255ca2f5d09",

"scope": "profile email"

}

**Unauthorized Response**:

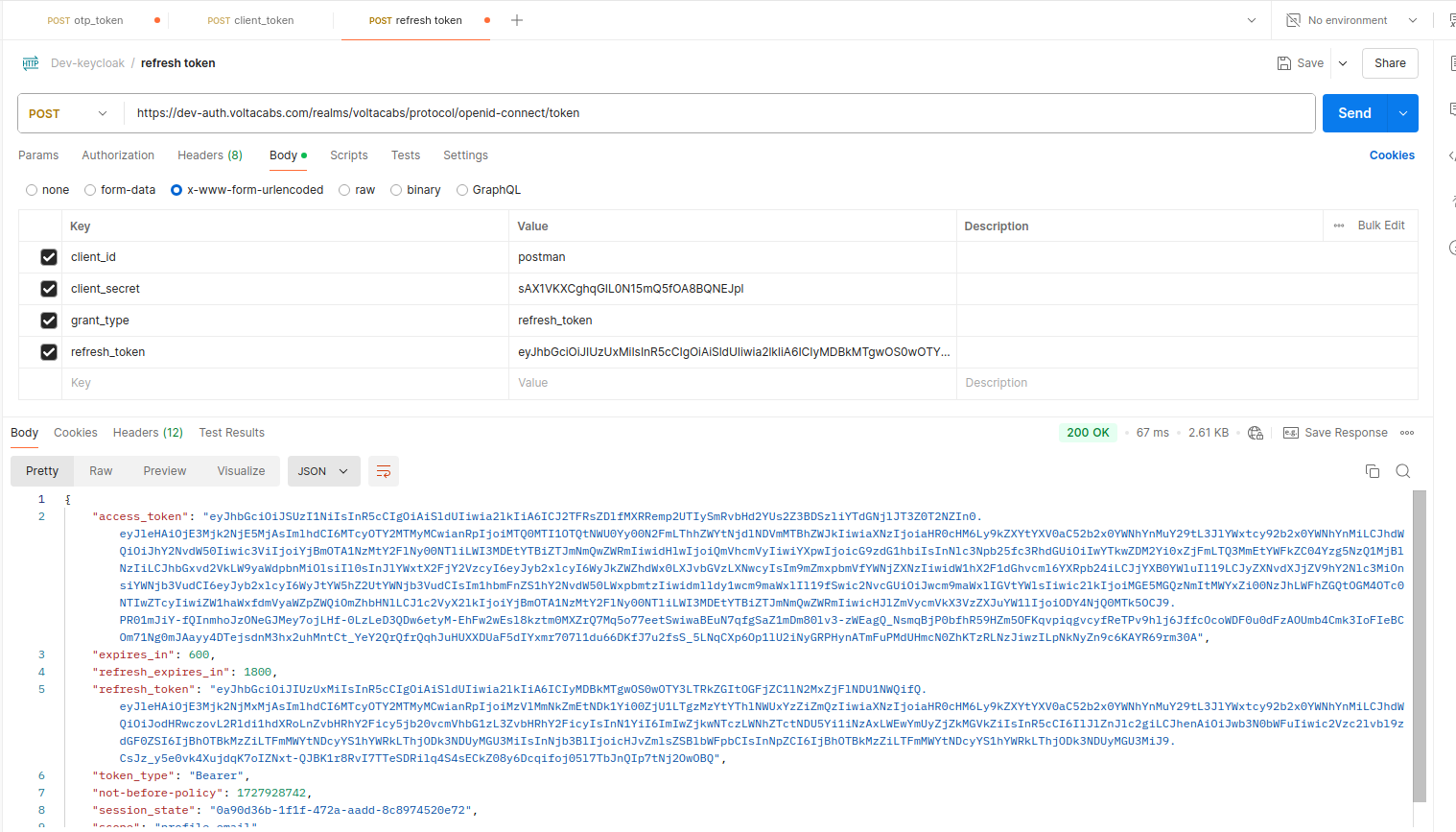
**HTTP Status Code:** 400 Bad Request

{

"error": "invalid\_grant",

"error\_description": "Token is not active"

}

  
  
  
**5-user logout with refresh token**   
**Request Type: POST**

**Request URL:** https://dev-auth.voltacabs.com/realms/voltacabs/protocol/openid-connect/logout

**Description:** This API is designed for to User logout with refresh token .  
when user login user will get access token and refresh token with refresh token user will logout  
  
  
curl --location 'https://dev-auth.voltacabs.com/realms/voltacabs/protocol/openid-connect/logout' \

--header 'Content-Type: application/x-www-form-urlencoded' \

--data-urlencode 'refresh\_token=eyJhbMp6Q' \

--data-urlencode 'client\_id=postman' \

--data-urlencode 'client\_secret=sAX1VN15mBQNEJpl'  
  
**Success Response**

**HTTP Status Code:** 204 No Content  
{

}  
**Failur Response**:

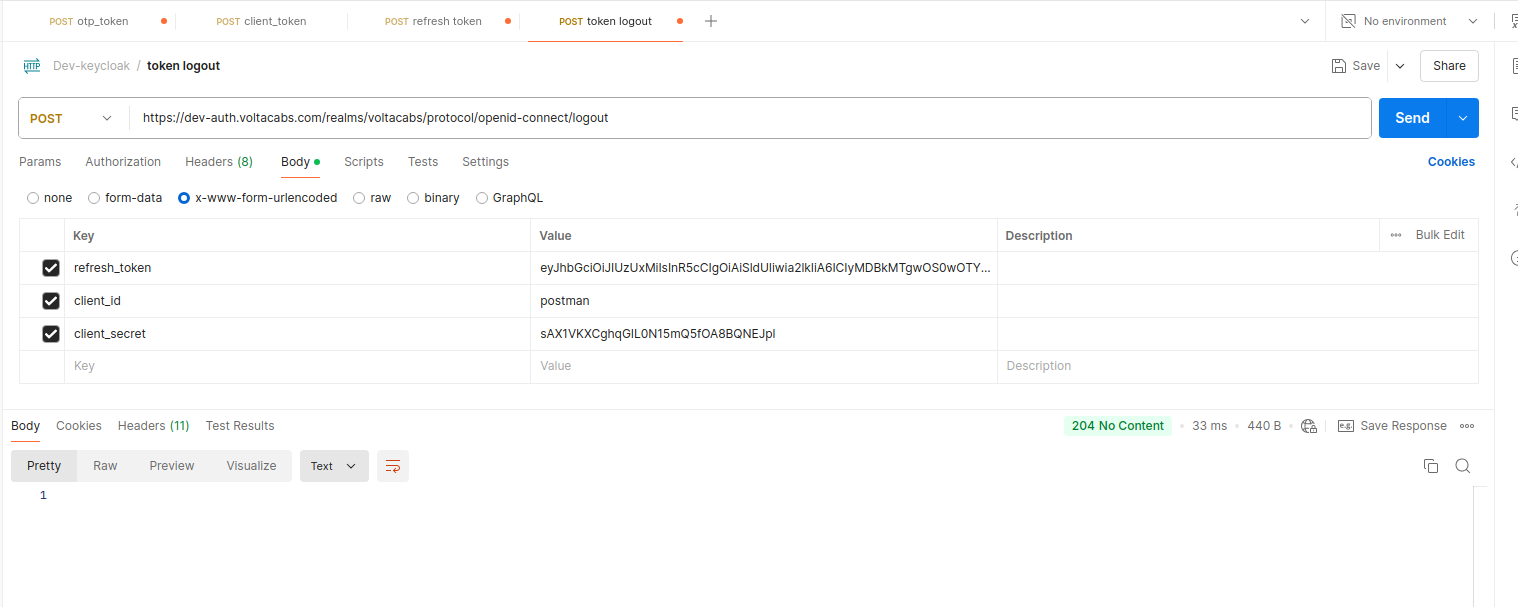
**HTTP Status Code:** 400 Bad Request

{

"error": "invalid\_grant",

"error\_description": "Invalid refresh token"

}



**6- introspect API**   
**Request Type: POST**

**Request URL:** https://dev-auth.voltacabs.com/realms/voltacabs/protocol/openid-connect/token/introspect

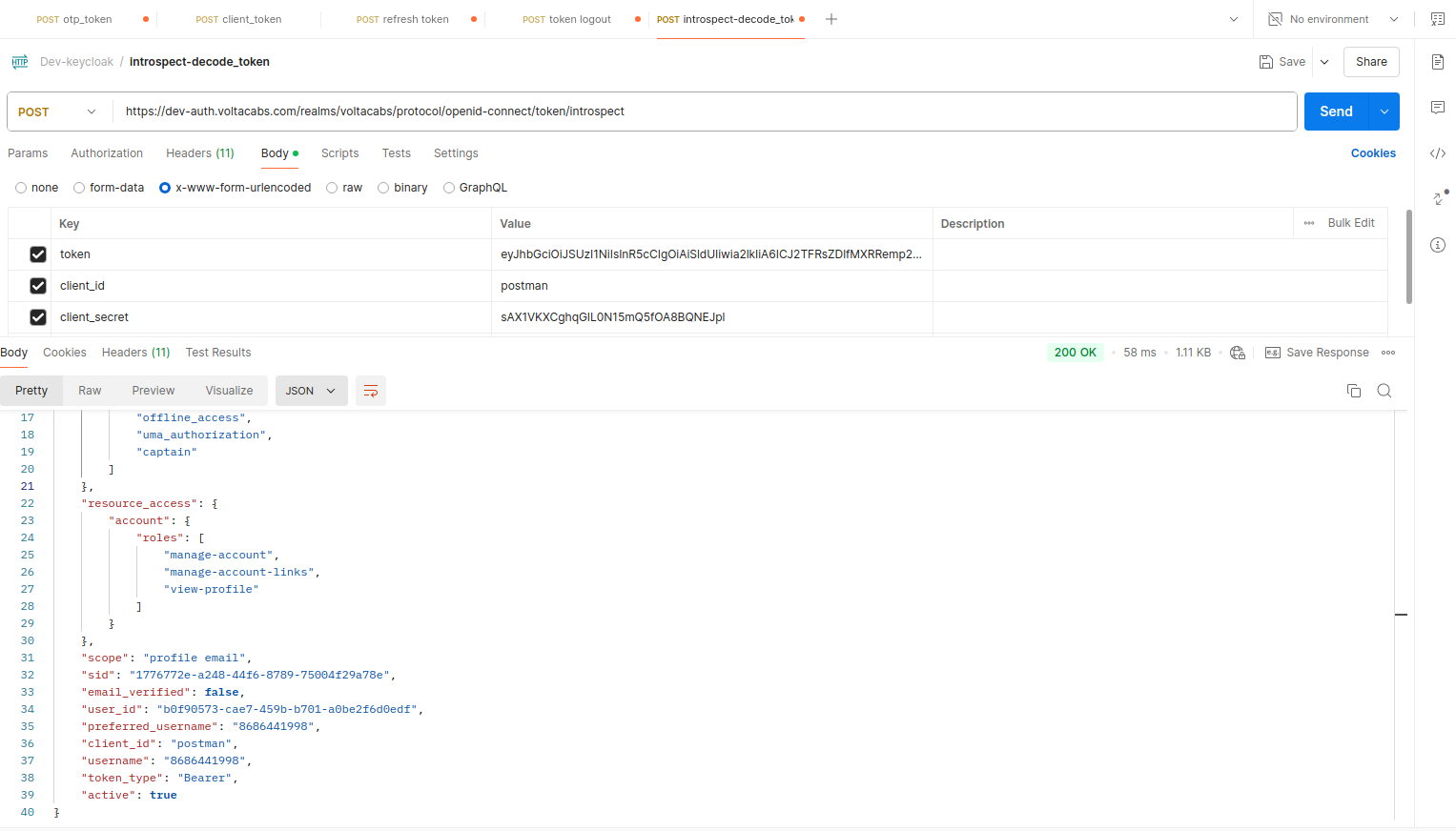
**Description:** This API is designed for to is introspection is about validating access tokens and refresh tokens.  
We need to pass access token to below api and client details it will give the status of token as active means true or inactive false  
  
curl --location 'https://dev-auth.voltacabs.com/realms/voltacabs/protocol/openid-connect/token/introspect' \

--header 'Content-Type: application/x-www-form-urlencoded' \

--data-urlencode 'token=eyJyVn3' \

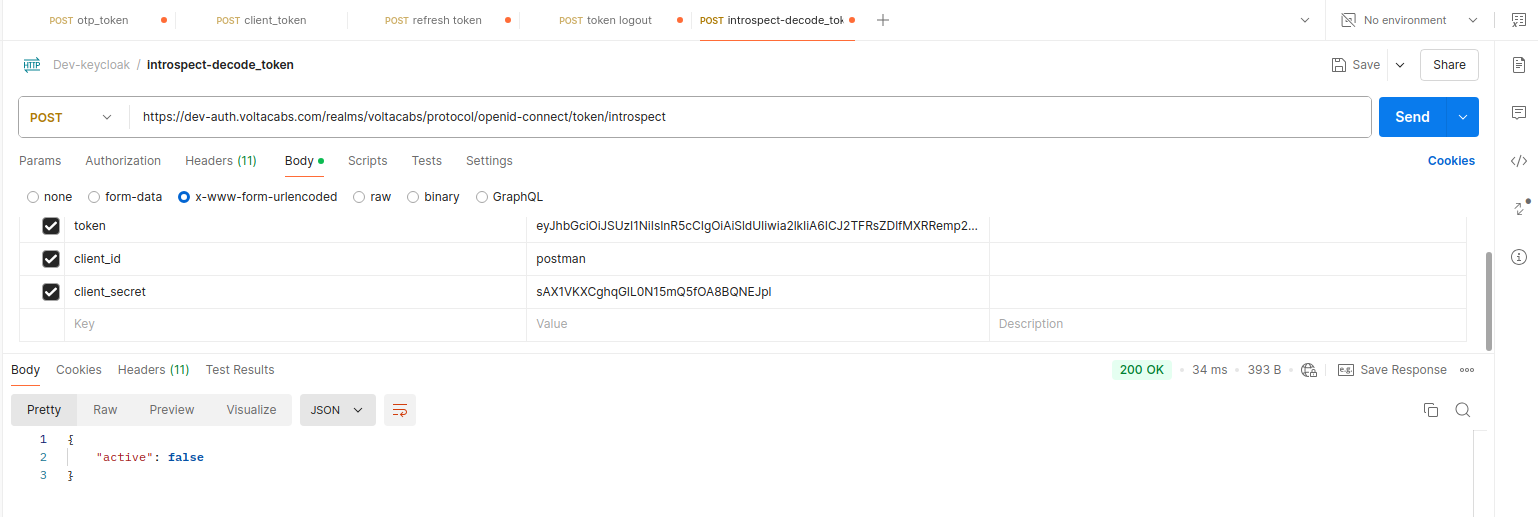
--data-urlencode 'client\_id=postman' \

--data-urlencode 'client\_secret=sAX1VKXQNEJpl'  
**Success Response**

**HTTP Status Code:** 200 ok  
  
ACTIVE   
Inactive  
{

"active": **false**

}



**6-To get list of users using client details**   
**Request Type: GET**

**Request URL:** https://dev-auth.voltacabs.com/admin/realms/voltacabs/users

**Description:** This API is designed for getting the list of users with admin client   
  
curl --location 'https://dev-auth.voltacabs.com/admin/realms/voltacabs/users' \

--header 'Authorization: Bearer eyJ3Vevmw'   
  
**Success Response**

**HTTP Status Code:** 200 OK  
[

{

"id": "a572af78-e3c9-4740-92c3-27d81b1c20cc",

"username": "8686441998",

"emailVerified": **false**,

"attributes": {

"mobile\_number": [

"8686441998"

]

},

"createdTimestamp": 1729667169224,

"enabled": **true**,

"totp": **false**,

"disableableCredentialTypes": [],

"requiredActions": [],

"notBefore": 0,

"access": {

"manageGroupMembership": **true**,

"view": **true**,

"mapRoles": **true**,

"impersonate": **true**,

"manage": **true**

}

}

]

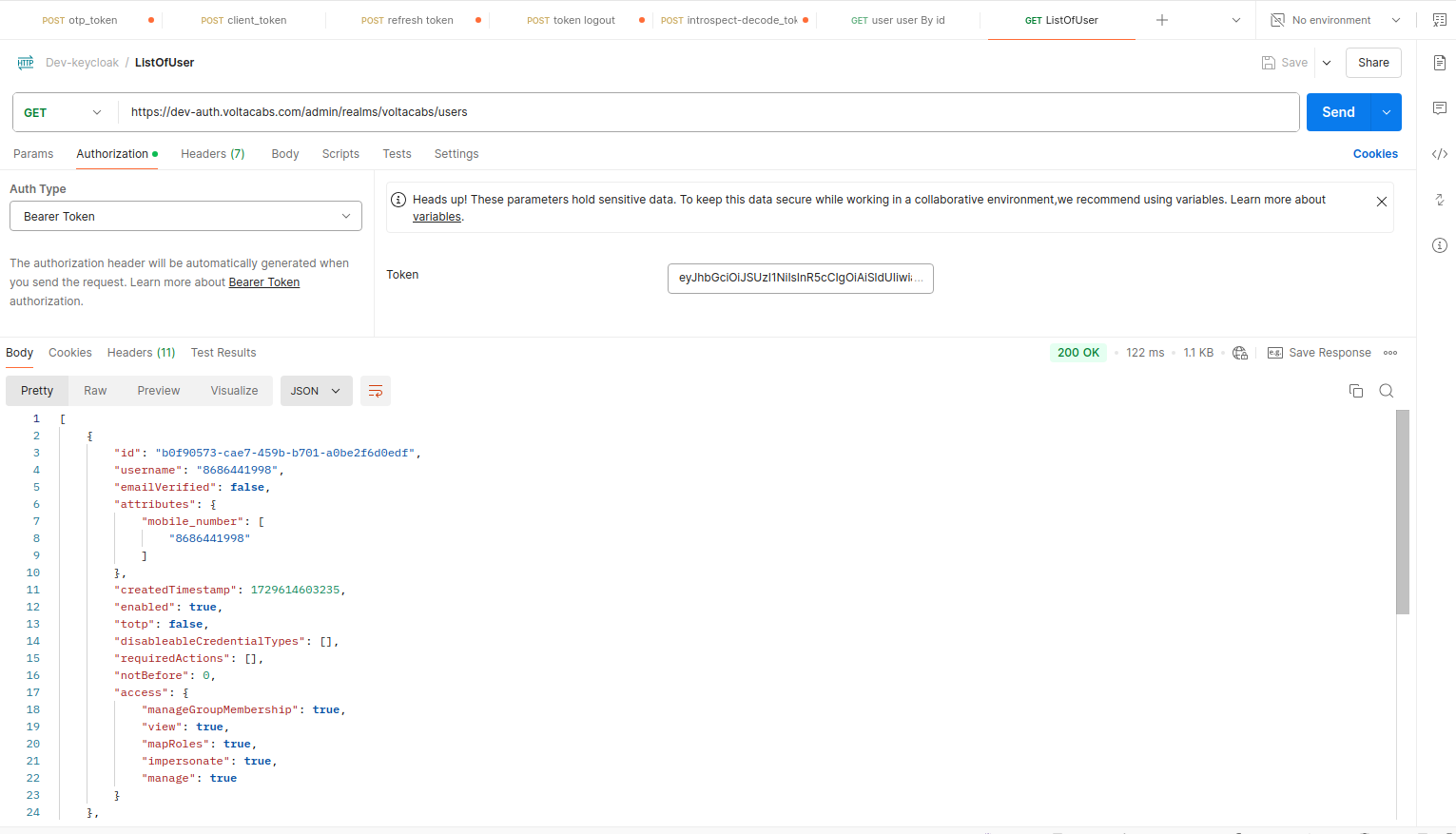
**Failur Response**:

**HTTP Status Code:** 401 Unauthorized  
  
{

"error": "HTTP 401 Unauthorized",

"error\_description": "For more on this error consult the server log at the debug level."

}

  
  
**7-To get user profile using userID**   
**Request Type: GET**

**Request URL:** https://dev-auth.voltacabs.com/realms/voltacabs/protocol/openid-connect/userinfo/0edbe01d-ab70-4807-a610-46d3b2e062a4

**Description:** This API is designed for getting the User Info of user with admin client Token  
we need to pass access token   
we will get user-ID from access token decode   
to get user file need to have user profile admin access   
  
  
curl --location 'https://dev-auth.voltacabs.com/realms/voltacabs/protocol/openid-connect/userinfo/0edbe01d-ab70-4807-a610-46d3b2e062a4' \

--header 'Authorization: Bearer eyJhbwllqyLvCEEO-HikJDLRog\_TUIzJsk0fcDw'  
**Success Response**

**HTTP Status Code:** 200 OK  
[

{

"id": "a572af78-e3c9-4740-92c3-27d81b1c20cc",

"username": "8686441998",

"emailVerified": **false**,

"attributes": {

"mobile\_number": [

"8686441998"

]

},

"createdTimestamp": 1729667169224,

"enabled": **true**,

"totp": **false**,

"disableableCredentialTypes": [],

"requiredActions": [],

"notBefore": 0,

"access": {

"manageGroupMembership": **true**,

"view": **true**,

"mapRoles": **true**,

"impersonate": **true**,

"manage": **true**

}

}

]

**Failur Response**:

**HTTP Status Code:** 404 Not Found  
  
{

"error": "HTTP 404 Not Found",

"error\_description": "For more on this error consult the server log at the debug level."

}

