Central Management System Keycloak

swagger hub link:  
<https://app.swaggerhub.com/apis/SWA13167_1/KeycloakSystem/1.0>

**openapi**: 3.1.0

**info**:

title: Central Management System Keycloak

version: '1.0'

contact:

name: keycloack

url: <https://www.keycloak.org/docs/latest/server_admin/>

description: API for introspecting access tokens and refresh tokens in Keycloak.

**servers**:

- url: <https://dev-auth.voltacabs.com>

description: Voltacabs Keycloak Authentication Server

**components**:

**securitySchemes**:

BearerAuth:

type: http

scheme: bearer

bearerFormat: JWT

**paths**:

**/realms/voltacabs/protocol/openid-connect/token**:

**post**:

summary: if user exit in keycloak we will get response as existing user if not new user

tags:

- 1-User login with mobile number

description: This API is designed for the User login with mobile number .

*requestBody*:

required: true

content:

application/x-www-form-urlencoded:

**schema**:

type: object

properties:

**client\_id**:

type: string

examples:

- postman

**client\_secret**:

type: string

examples:

- ["hjbduiqgiu221"]

**custom\_grant\_type**:

type: string

examples:

- client\_credentials

**mobile\_number**:

type: integer

examples:

- ["8686441998"]

**grant\_type**:

type: string

examples:

- password

**event\_type**:

type: string

examples:

- [login-captain]

*responses*:

"200":

description: ok

content:

application/json:

**schema**:

type: object

properties:

**status**:

type: string

examples:

- success

**message**:

type: string

examples:

- otp sent successfully

**data**:

type: string

examples:

- existing user

- new user created

"400":

description: Bad Request Response

content:

application/json:

**schema**:

type: object

properties:

**status**:

type: string

examples:

- error

**message**:

type: string

examples:

- ["please enter a valid 10-digit number"]

**data**:

type: string

examples:

- invalid mobile number format

**/realms/voltacabs/protocol/openid-connect/token'**:

**post**:

summary: User login with OTP

tags:

- 2.User login with OTP

description: user login with OTP as otp will share to register mobile numbeif user is authenticated, we will get access token and refresh token if user is not authenticated, we will get Invalid OTP provided.

*requestBody*:

required: true

content:

application/x-www-form-urlencoded:

**schema**:

type: object

properties:

**client\_id**:

type: string

examples:

- postman

**client\_secret**:

type: string

examples: ["iuhsuh3uh1eh3hdund0"]

**custom\_grant\_type**:

type: string

examples:

- client\_credentials

**mobile\_number**:

type: string

examples: ["8686441998"]

**otp**:

type: integer

examples: ["7229"]

**grant\_type**:

type: string

examples:

- password

**event\_type**:

type: string

examples:

- login-catain

*responses*:

"200":

description: ok

content:

application/json:

**schema**:

type: object

properties:

**active**:

type: boolean

examples:

- false

"400":

description: Bad Request response

content:

application/json:

**schema**:

type: object

properties:

**error**:

type: string

examples:

- invalid\_grant

**/realms/voltacabs/protocol/openid-connect/token''**:

**post**:

summary:

tags:

- 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

*requestBody*:

required: true

content:

application/x-www-form-urlencoded:

**schema**:

type: object

properties:

**client\_id**:

type: string

examples:

- [android-app]

**client\_secret**:

type: string

examples:

- ["nd028u310hdu91nu9"]

**grant\_type**:

type: string

examples:

- [client\_credentials]

*responses*:

"200":

description: ok

content:

application/json:

**schema**:

type: object

properties:

**access\_token**:

type: string

examples:

- ["n0hedued0h2083y0283hj3widj08"]

**expires\_in**:

type: integer

examples:

- ["120"]

**refresh\_expires\_in**:

type: integer

examples:

- ["0"]

**token\_type**:

type: string

examples:

- Bearer

**not-before-policy**:

type: string

examples:

- ["1727928742"]

**scope**:

type: string

examples:

- [profile acr email]

"401":

description: Unauthorized Response

content:

application/json:

**schema**:

type: object

properties:

**error**:

type: string

examples:

- unauthorized\_client

**error\_description**:

type: string

examples:

- invalid client or invalid client credentials

**/realms/voltacabs/protocol/openid-connect/token'''**:

**post**:

summary:

tags:

- 4-creating access token with refresh 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

*requestBody*:

required: true

content:

application/x-www-form-urlencoded:

**schema**:

type: object

properties:

**client\_id**:

type: string

examples:

- postman

**client\_secret**:

type: string

examples: ["kdge29gdiuhe2ouh208bd"]

**grant\_type**:

type: string

examples:

- refresh\_token

**refresh\_token**:

type: string

examples: ["heiugfuoewbfouf3fuo3g"]

*responses*:

"200":

description: ok

content:

application/json:

**schema**:

type: object

properties:

**access\_token**:

type: string

examples:

- ["n0hedued0h2083y0283hj3widj08"]

**expires\_in**:

type: integer

examples:

- ["600"]

**refresh\_expires\_in**:

type: integer

examples:

- ["1800"]

**refresh\_token**:

type: string

examples:

- ["lkdniohiochwoichowcbohco34dcr"]

**token\_type**:

type: string

examples:

- Bearer

**not-before-policy**:

type: string

examples:

- ["1727928742"]

**session\_state**:

type: string

examples:

- ["nrfjhioh3oifrhi2ndo224knfo4nf-ndjb-ff"]

"400":

description: Bad request

content:

application/json:

**schema**:

type: object

properties:

**error**:

type: string

examples:

- invalid\_grant

**error\_description**:

type: string

examples:

- token us not active

**/realms/voltacabs/protocol/openid-connect/logout**:

**post**:

summary:

tags:

- 5-user logout with refresh token

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.

*requestBody*:

required: true

content:

application/x-www-form-urlencoded:

**schema**:

type: object

properties:

**refresh\_token**:

type: string

examples:

- ["bdiuehui"]

**client\_id**:

type: string

examples:

- postman

**client\_secret**:

type: string

examples:

- ["uiegiuge3edb3d"]

*responses*:

"204":

description: No Content

"400":

description: Bad Request

content:

application/json:

**schema**:

type: object

properties:

**error**:

type: string

examples:

- invalid\_grant

**error\_description**:

type: string

examples:

- invalid refresh token

**/realms/voltacabs/protocol/openid-connect/token/introspect**:

**post**:

summary: introspection is about validating access tokens and refresh tokens.

tags:

- 6-Introspect API

description: This API is designed to validate access tokens and refresh tokens. It checks if the token is active or inactive.

*requestBody*:

required: true

content:

application/x-www-form-urlencoded:

**schema**:

type: object

properties:

**token**:

type: string

examples:

- ["eyJyVn3"]

**client\_id**:

type: string

examples:

- postman

**client\_secret**:

type: string

examples:

- ["sAX1VKXQNEJpl"]

*responses*:

"200":

description: Successful token introspection response

content:

application/json:

**schema**:

type: object

properties:

**active**:

type: boolean

examples:

- false

headers:

X-Token-Status:

description: Indicates the status of the token

**schema**:

type: string

examples:

- ACTIVE

"400":

description: Bad Request response

content:

application/json:

**schema**:

type: object

properties:

**error**:

type: string

examples:

- invalid\_grant

**error\_description**:

type: string

examples:

- Invalid token

**/admin/realms/voltacabs/user**:

**get**:

summary:

tags:

- 7-To get list of users using client details

**security**:

- BearerAuth: []

*responses*:

"200":

description: OK

content:

application/json:

**schema**:

type: array

**items**:

type: object

properties:

**id**:

type: string

description: The unique identifier of the user.

examples:

- ["a572af78-e3c9-4740-92c3-27d81b1c20cc"]

**username**:

type: string

description: The username of the user, typically the mobile number.

examples:

- ["8686441998"]

**emailVerified**:

type: boolean

description: Indicates whether the user's email is verified.

examples:

- false

**attributes**:

type: object

properties:

**mobile\_number**:

type: array

**items**:

type: string

examples:

- ["8686441998"]

**createdTimestamp**:

type: integer

description: The timestamp when the user was created.

examples:

- ["1729667169224"]

**enabled**:

type: boolean

description: Indicates whether the user is enabled.

examples:

- true

**totp**:

type: boolean

description: Indicates whether TOTP is enabled for the user.

examples:

- false

**disableableCredentialTypes**:

type: array

**items**:

type: string

examples:

- []

**requiredActions**:

type: array

**items**:

type: string

examples:

- []

**notBefore**:

type: integer

description: Timestamp for the 'not before' policy.

examples:

- ["0"]

**access**:

type: object

properties:

**manageGroupMembership**:

type: boolean

examples:

- [true]

**view**:

type: boolean

examples:

- [true]

**mapRoles**:

type: boolean

examples:

- [true]

**impersonate**:

type: boolean

examples:

- [true]

**manage**:

type: boolean

examples:

- [true]

"401":

description: Unauthorized - the request requires user authentication.

content:

application/json:

**schema**:

type: object

properties:

**error**:

type: string

examples:

- ["HTTP 401 Unauthorized"]

**error\_description**:

type: string

examples:

- ["For more on this error consult the server log at the debug level."]

**/realms/voltacabs/protocol/openid-connect/userinfo/0edbe01d-ab70-4807-a610-46d3b2e062a4**:

**get**:

summary:

tags:

- 8-getUserInfo

**security**:

- BearerAuth: []

*responses*:

"200":

description: OK

content:

application/json:

**schema**:

type: array

**items**:

type: object

properties:

**id**:

type: string

description: The unique identifier of the user.

examples:

- ["a572af78-e3c9-4740-92c3-27d81b1c20cc"]

**username**:

type: string

description: The username of the user, typically the mobile number.

examples:

- ["8686441998"]

**emailVerified**:

type: boolean

description: Indicates whether the user's email is verified.

examples:

- false

**attributes**:

type: object

properties:

**mobile\_number**:

type: array

**items**:

type: string

examples:

- ["8686441998"]

**createdTimestamp**:

type: integer

description: The timestamp when the user was created.

examples:

- ["1729667169224"]

**enabled**:

type: boolean

description: Indicates whether the user is enabled.

examples:

- true

**totp**:

type: boolean

description: Indicates whether TOTP is enabled for the user.

examples:

- false

**disableableCredentialTypes**:

type: array

**items**:

type: string

examples:

- []

**requiredActions**:

type: array

**items**:

type: string

examples:

- []

**notBefore**:

type: integer

description: Timestamp for the 'not before' policy.

examples:

- ["0"]

**access**:

type: object

properties:

**manageGroupMembership**:

type: boolean

examples:

- [true]

**view**:

type: boolean

examples:

- [true]

**mapRoles**:

type: boolean

examples:

- [true]

**impersonate**:

type: boolean

examples:

- [true]

**manage**:

type: boolean

examples:

- [true]

"404":

description: Unauthorized - the request requires user authentication.

content:

application/json:

**schema**:

type: object

properties:

**error**:

type: string

examples:

- ["HTTP 404 Unauthorized"]

**error\_description**:

type: string

examples:

- ["For more on this error consult the server log at the debug level."]