



(Consumer) Administration APIs

NetApp Keystone

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Table of Contents

(Consumer) Administration APIs 1

(Consumer) Administration APIs

The (consumer) administration APIs consist of methods that allow you to perform the following tasks:

- Sign in, set a password, and refresh an authentication token.
- Retrieve jobs and view job details.

See [Retrieve jobs](#) and [Retrieve a job-by-job ID](#).

- Retrieve regions.

See [Retrieve regions](#) and [Retrieve a region by name](#).

- Retrieve service levels.

See [Retrieve Service Levels](#) and [Retrieve Service Levels by Name](#).

- Work with subtenants.

See:

- [Retrieve all subtenants](#)
- [Retrieve a subtenant by ID](#)
- [Modify a subtenant](#)
- [Delete a subtenant by ID](#)

- Work with tenants.

See:

- [Retrieve all tenants](#)
- [Retrieve a tenant by ID](#)
- [Create a tenant](#)
- [Modify the tenant](#)
- [Delete the tenant](#)

- Retrieve users.

[Retrieve all users](#), [Retrieve a user by ID](#), and [Retrieve a user by user name](#).

- Retrieve zones.

See [Retrieve all zones](#) and [Retrieve a zone by name](#)

The following table lists the consumer APIs documented in this section.

HTTP Method	Path	Description
POST	<code>/v2.1/auth/password</code>	Set the password for a user.

HTTP Method	Path	Description
POST	/v2.1/auth/password	Refresh authentication JWT.
POST	/v2.1/auth/signin	Sign in.
GET	/v2.1/auth/regions	Retrieve regions.
GET	/v2.1/auth/regions/{name}	Retrieve regions by name.
GET	/v2.1/auth/zones	Retrieve zones.
GET	/v2.1/auth/zones/{name}	Retrieve zones by name.
GET	/v2.1/jobs/	Retrieve jobs.
GET	/v2.1/jobs/{id}	Retrieve jobs by ID.

Reset user password

Use the method listed in the following table reset the user password.

HTTP Method	Path	Description	Parameters
POST	/v2.1/auth/password	Reset the password.	None

Required request body attributes: `username` (string), `new_password` (string)

Request body example:

```
{
  "username": "MyName",
  "old_password": "oldPassword",
  "new_password": "newPassword"
}
```

Response body example:

```

{
  "status": {
    "user_message": "Okay. Returned 1 record.",
    "verbose_message": "",
    "code": 200
  },
  "result": {
    "total_records": 1,
    "records": [
      {
        "user": {
          "id": "5e61aa814559c20001df1a5f",
          "username": "MyName",
          "firstName": "MyFirstName",
          "lastName": "MySurname",
          "displayName": "CallMeMYF",
          "email": "user@example.com",
          "tenancies": [
            {
              "id": "5e5f1c4f253c820001877839",
              "name": "MyTenant",
              "code": "testtenantmh",
              "role": "user"
            }
          ]
        }
      ]
    ],
    "token":
    "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VybmFtZSI6IjY1MmFtZSI6ImV4cCI6MTU4MzgxNjg3MX0.ZuRXjDPVtc2pH-e9wqgmszVKCBYS2PLqux2YwQ5uoAM"
  }
}

```

Refresh authentication token

Use the method listed in the following table to refresh the authentication token.

HTTP Method	Path	Description	Parameters
POST	/v2.1/auth/refresh	Refresh the authentication token.	None

Required request body attributes: `none`

Request body example:

none

Response body example:

```
{
  "status": {
    "user_message": "Okay. Returned 1 record.",
    "verbose_message": "",
    "code": 200
  },
  "result": {
    "total_records": 1,
    "records": [
      {
        "user": {
          "id": "5d914547869caefed0f3a00c",
          "username": "myusername",
          "firstName": "myfirstname",
          "lastName": "",
          "displayName": "Myfirstname Mysurname",
          "email": "",
          "tenancies": [
            {
              "id": "5d914499869caefed0f39eee",
              "name": "MyOrg",
              "code": "myorg",
              "role": "admin"
            },
            {
              "id": "5d9417aa869caefed0f7b4f9",
              "name": "ABCsafe",
              "code": "abcsafe",
              "role": "admin"
            }
          ]
        },
        "token":
        "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VybmFtZSI6ImVsbGlvdCI6ImV4cCI6MTU4MzgxNzA2N30.FdKD3QhPoNdWdbMfZ0bzCMTHluIt6HNP311F482K9AY"
      }
    ]
  }
}
```

Sign in

Use the method listed in the following table to sign in.

HTTP Method	Path	Description	Parameters
POST	/v2.1/auth/signin	Log in as a user.	None

Required request body attributes: `username` (string), `new_password` (string)

Request body example:

```
{
  "username": "MyName",
  "password": "newPassword"
}
```

Response body example:

```
{
  "status": {
    "user_message": "Authentication succeeded.",
    "verbose_message": "",
    "code": 200
  },
  "result": {
    "total_records": 1,
    "records": [
      {
        "user": {
          "id": "5e61aa814559c20001df1a5f",
          "username": "MyName",
          "firstName": "MyFirstName",
          "lastName": "MySurname",
          "displayName": "CallMeMYF",
          "email": "user@example.com",
          "tenancies": [
            {
              "id": "5e5f1c4f253c820001877839",
              "name": "MyTenant",
              "code": "testtenantmh",
              "role": "user"
            }
          ]
        }
      ]
    },
    "token":
    "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VybmFtZSI6ImV4cCI6MTU4Mzg4NzQwMH0uXUyYrZg_RewF-9ClIGoKQhfZYWrixZYBrsjlkh1hI"
  }
}
```


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