



Users

Keystone

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Users

Use the methods listed in the following table to retrieve, create, modify, and delete subtenants.

HTTP Method	Path	Description
GET	/v2.1/users	Retrieve a list of all users.
GET	/v2.1/users/{id}	Retrieve a user by the user ID.
POST	/v2.1/users	Create a new user.
PUT	/v2.1/users/{id}	Modify the details of a user.
DELETE	/v2.1/users/{id}	Delete a user.
GET	/v2.1/users/{username}	Retrieve a user by the user name.

User attributes

The following table lists the user attributes.

Attribute	Type	Description
id	String	The unique identifier of the user.
username	String	The user name.
password	String	The user's password.
firstName	String	The user's first name.
lastName	String	The user's last name.
displayName	String	The user's display name.
email	String	The user's email address.
phone	String	The user's phone number.
profileImageURL	String	The URL of the users' profile image.
tenant_id	String	The primary tenant identifier for this user.
tenancies	—	The tenancy to which the user belongs; an array consisting of: <ul style="list-style-type: none">• tenant_id, and• role_name This is the user role; one of user, admin, read, partner, or root.

Attribute	Type	Description
provider	String	Authentication provider: local or activeDirectory
provider data	–	Authentication provider details, consisting of: <ul style="list-style-type: none"> • email_address, and • member_of (group membership)

Retrieve all users

Use the method listed in the following table to retrieve all users.

HTTP Method	Path	Description	Parameters
GET	/v2.1/users	Retrieve all users.	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": [
      {
        "id": "5dddbe0ef071fe0001b889fd",
        "username": "TestUser3",
        "firstName": "Test",
        "lastName": "User",
        "displayName": "",
        "email": "testuser@netapp.com",
        "tenancies": [
          {
            "id": "5d914499869caefed0f39eee",
            "name": "MyOrg",
            "code": "myorg",
            "role": "admin"
          }
        ]
      }
    ]
  }
}

```

Retrieve a user by ID

Use the method listed in the following table to retrieve a user by ID.

HTTP Method	Path	Description	Parameters
GET	/v2.1/users	Retrieve a user by ID.	id (string): The unique identifier of the user.

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": [
      {
        "id": "5e585df6896bd80001dd4b44",
        "username": "testuser01",
        "firstName": "",
        "lastName": "",
        "displayName": "",
        "email": "",
        "tenancies": [
          {
            "id": "5d914499869caefed0f39eee",
            "name": "MyOrg",
            "code": "myorg",
            "role": "user"
          }
        ]
      }
    ]
  }
}

```

Retrieve a user by user name

Use the method listed in the following table to retrieve a user by the user name.

HTTP Method	Path	Description	Parameters
GET	/v2.1/users	Retrieve a user by user name.	username (string): The user name of the user.

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": [
      {
        "id": "5e61aa814559c20001df1a5f",
        "username": "MyName",
        "firstName": "MyFirstName",
        "lastName": "MySurname",
        "displayName": "CallMeMYF",
        "email": "user@example.com",
        "tenancies": [
          {
            "id": "5e5f1c4f253c820001877839",
            "name": "MyTenant",
            "code": "testtenantmh",
            "role": "user"
          }
        ]
      }
    ]
  }
}

```

Create a user

Use the method listed in the following table to create a user.

HTTP Method	Path	Description	Parameters
POST	/v2.1/users	Create a new user.	None

Required request body attributes: `username`, `tenant_id`, `tenancies`, `provider`

Request body example:

```
{
  "username": "MyUser",
  "password": "mypassword",
  "firstName": "My",
  "lastName": "User",
  "displayName": "CallMeMyUser",
  "email": "user@example.com",
  "phone": "string",
  "profileImageURL": "string",
  "tenant_id": "5e7c3af7aab46c00014ce877",
  "tenancies": [
    {
      "tenant_id": "5e7c3af7aab46c00014ce877",
      "role_name": "admin"
    }
  ],
  "provider": "local",
  "provider_data": {
    "email": "user@example.com",
    "member_of": "string"
  }
}
```

Response body example:


```

{
  "status": {
    "user_message": "Okay. New resource created.",
    "verbose_message": "",
    "code": 201
  },
  "result": {
    "returned_records": 1,
    "records": [
      {
        "id": "5ed6f463129e5d000102f7e1",
        "username": "MyUser",
        "firstName": "My",
        "lastName": "User",
        "displayName": "CallMeMyUser",
        "email": "user@example.com",
        "tenancies": [
          {
            "id": "5e7c3af7aab46c00014ce877",
            "name": "MyTenant",
            "code": "mytenantcode",
            "role_name": "admin"
          }
        ]
      }
    ]
  }
}

```

Modify a user by ID

Use the method listed in the following table to modify a user by user ID.

HTTP Method	Path	Description	Parameters
PUT	/v2.1/users/{id}	Modify a user identified by the user ID. You can modify the user name, display name, password, email address, phone number, profile image URL, and tenancy details.	id (string): The unique identifier of the user.

Required request body attributes: none

Request body example:

```
{
  "password": "MyNewPassword",
  "firstName": "MyFirstName",
  "lastName": "MySurname",
  "displayName": "CallMeMYF",
  "email": "user@example.com",
  "phone": "string",
  "profileImageURL": "string",
  "tenant_id": "5e5f1c4f253c820001877839",
  "tenancies": [
    {
      "tenant_id": "5e5f1c4f253c820001877839",
      "role_name": "user"
    }
  ]
}
```

Response body example:

```

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

```

Delete a user by ID

Use the method listed in the following table to delete a user by ID.

HTTP Method	Path	Description	Parameters
DELETE	/v2.1/users/{name}	Delete the user identified by the ID.	id (string): The unique identifier of the user.

Required request body attributes: none

Request body example:

none

Response body example:

No content for succesful delete

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