

Tab 1



# FloQast SCIM API Set-up & Technical Documentation

## Introduction

This document provides technical specifications and usage guidelines for the SCIM (System for Cross-domain Identity Management) API for FloQast. This API allows for automated provisioning and de-provisioning of user identities between FloQast and Okta.

## Features

The following provisioning features are supported by FloQast at present:

- **Push Users:** Users that are assigned to the FloQast application in Okta are automatically added as members to your organization in FloQast
- **Import Users:** Users created in FloQast can be imported into Okta and either matched against existing Okta users or created as new Okta users
- **Deactivate Users:** Users can be deactivated in FloQast from Okta by either unassigning the user from the FloQast Okta app or by deactivating the user in Okta
- **Reactivate Users:** Deactivated FloQast users can be reactivated in FloQast from Okta by re-assigning the user to the FloQast Okta app

Presently, FloQast does not support the following Okta provisioning features, but may in the future:

- **Import Groups**
- **Push Groups**
- **Sync Password**

## Base URL

All API requests should be directed to the following base URL:

<https://fq-api.floqast.app/api/v1/scim/v2/>

# Authentication

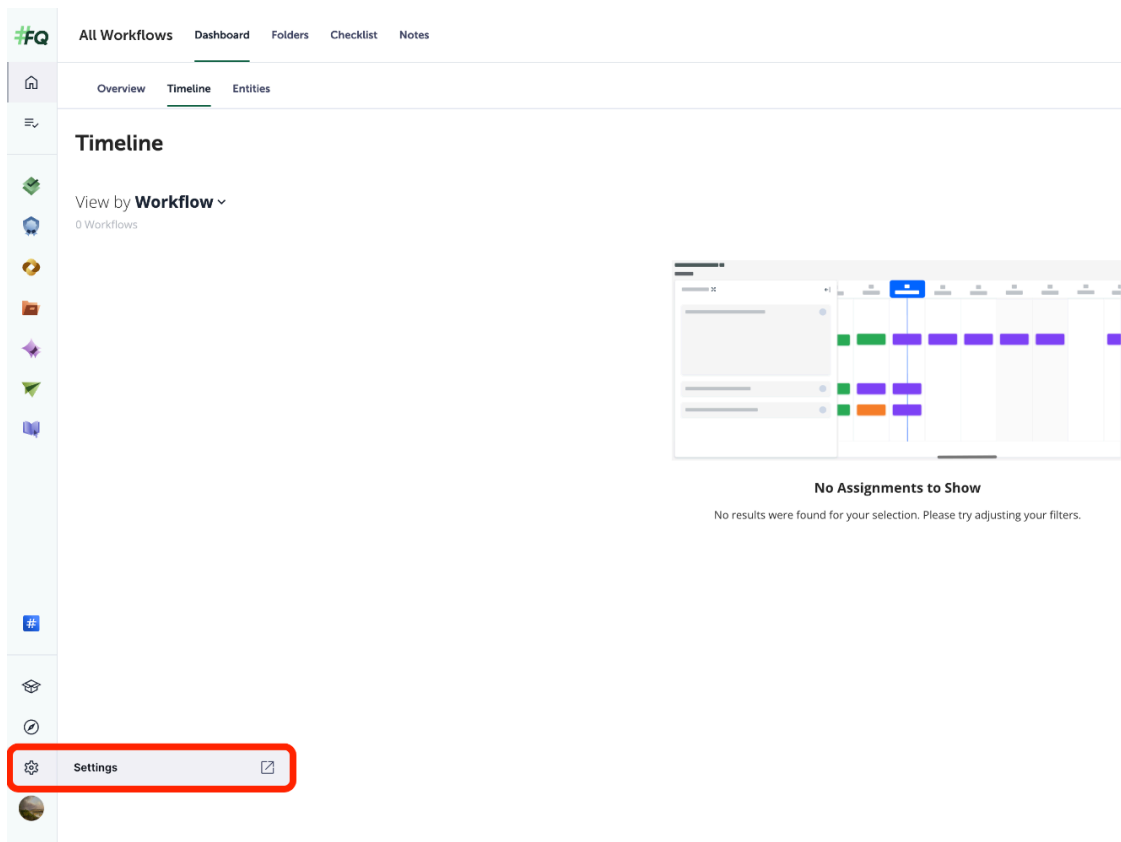
Requests to our SCIM API via Okta are authenticated via the **Authorization** header per Okta's [specification](#). Okta should include the token in the **Authorization** header of each request.

Header	Value
Authorization	<your-access-token>

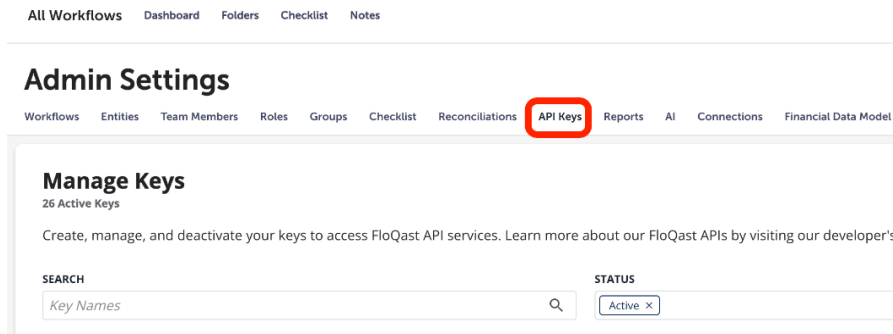
## How to Configure

### In FloQast

1. Sign-in to your FloQast instance as an **Admin** or **Sys Admin**
2. Navigate to the **Admin Settings** page by clicking the gear icon in the lower left corner of the screen



3. Navigate to the **API Keys** tab and click the **Create New Key** button at the top-right of the page



4. Configure your SCIM API key by selecting the SCIM system from the list of options, naming your key, and selecting an expiration date for your key

### Create New API Key

×

Create a new API key that can be used to access one or more of our FloQast services.

New API Key Name

My SCIM Key

Expiration

90 Days

This key will expire on 10/27/2025

Select API Services. Explore services on [developer's site](#). By using the FloQast APIs, you are agreeing to the [API Terms of Service](#).

☐ Core

☐ Reconciliations

Use this service to return core reconciliations data.

☐ Analytics

☐ Reconciliations

Use this service to return reconciliation analytics data.

☐ Checklists

Use this service to return checklist analytics data.

☐ Transactions

☐ Subledgers

Use this service to send subledgers transactions.

Cancel

Create API Key

### Create New API Key

×

Create a new API key that can be used to access one or more of our FloQast services.

☐ Tags

☐ Tags

Use this service to manage tags.

☐ Folders

☐ Folders

Use this service to manage folders.

☒ SCIM

☒ SCIM

Use this service to return SCIM data.

☐ Controls

☐ Controls

Allows users to get and manage controls, upload documents, lock/unlock control periods, and sign off.

☐ Compliance Programs

☐ Compliance Programs

Allows users to get all program, hierarchy, and subproject information.

☐ Compliance Processes

☐ Compliance Processes

Allows users to get processes.

Cancel

Create API Key

5. Once you've made your selections, click the **Create API Key** button in the bottom-right of the screen and copy the key value to your clipboard

My SCIM Key

New key:

SERVICES

SCIM

6. Leave this browser window open until you have finished configuring your SCIM integration in Okta because the key will become inaccessible once the window is closed and you will need to generate a new one

## In Okta

1. Log in to your Okta admin portal
2. Navigate to your **Applications > Applications** from the left nav and select your FloQast application
3. Select the **Provisioning** tab within the **FloQast** application
4. Click the **Configure API Integration** button on the **Provisioning** tab page
5. Check the **Configure API Integration** checkbox
6. Paste the API token you generated in the previous step into the **API Token** input field
7. Make sure that the **Import Groups** checkbox is **not** checked
8. Click the **Test API Credentials** button to confirm that the API credentials you provided are valid and will work for your SCIM integration
9. Click **Save** on this page
10. Enable the supported provisioning features by selecting any of the following from the FloQast app's **Provisioning** tab within Okta:
  - a. **Create Users**
  - b. **Update User Attributes**
  - c. **Deactivate Users**

## Resources

Our SCIM API supports the following standard SCIM resources:

## Users

The Users endpoint allows you to manage user accounts within our application.

### Endpoints

- **GET /Users:** Retrieve all users or search for specific users via a filter.
- **POST /Users:** Create a new user.
- **GET /Users/{id}:** Retrieve a specific user by ID.
- **PATCH /Users/{id}:** Update a user's activation status.

### User Attributes

The following attributes are supported for the User resource:

Attribute	Type	Description	Required
<code>id</code>	String	Unique identifier for the user.	No
<code>userName</code>	String	Unique identifier for the user, must be an email address.	Yes
<code>active</code>	Boolean	Whether the user account is active or not.	Yes
<code>name.givenName</code>	String	User's given / first name.	No
<code>name.familyName</code>	String	User's family / last name.	No
<code>emails[].primary</code>	Boolean	Whether this email is the user's primary email.	No
<code>emails[].value</code>	String	User's email address.	Yes
<code>emails[].type</code>	String	Type of email (e.g., "work", "home").	No

## Example Request: Get Users

### Without filter

```
None
GET /Users
Content-Type: application/scim+json
```

### With filter

```
None
GET /Users?filter=username eq "email@example.com"
Content-Type: application/scim+json
```

## Example Request: Get User by ID

```
None
GET /Users/:userId
Content-Type: application/scim+json
```

## Example Request: Create User

```
None
POST /Users
Content-Type: application/scim+json

{
  "schemas": ["urn:ietf:params:scim:schemas:core:2.0:User"],
  "userName": "email@example.com",
  "name": {
    "givenName": "FirstName",
    "familyName": "LastName"
  },
  "emails": [{ "primary": true, "value": "email@example.com", "type": "work" }],
  "displayName": "FirstName LastName",
```



```
"active": true
}
```

- `userName` must match the user's primary email
- Only 1 email is allowed per `emails`

## Example Request: Deactivate User

```
None
PATCH /Users/:userId
Content-Type: application/scim+json

{
  "schemas": ["urn:ietf:params:scim:api:messages:2.0:PatchOp"],
  "Operations": [{
    "op": "replace",
    "value": {
      "active": false
    }
  }]
}
```

## Example Request: Reactivate a deactivated User

```
None
PATCH /Users/:userId
Content-Type: application/scim+json

{
  "schemas": ["urn:ietf:params:scim:api:messages:2.0:PatchOp"],
  "Operations": [{
    "op": "replace",
    "value": {
      "active": true
    }
  }]
}
```

## Groups

Managing Groups in FloQast via SCIM is not supported yet and must be done in the app.

## Error Handling

Our SCIM API uses standard HTTP status codes to indicate the success or failure of an API request. In case of an error, the response body will contain a SCIM error message. When initiated by Okta, these failures will also surface in Okta's Admin Console.

Status Code	Description
200 OK	Request successful.
400 Bad Request	Invalid request format or parameters. The error's detail field will specify the failure mode, e.g. "Username must be the user's email address"
401 Unauthorized	Authentication required or failed.
403 Forbidden	Access denied.
404 Not Found	Resource not found.
409 Conflict	Resource already exists or a conflict occurred.
500 Internal Server Error	An unexpected error occurred on the server.

### Example Response: Error

None

```
{
  "schemas": ["urn:ietf:params:scim:api:messages:2.0:Error"],
  "detail": "User {id} not found",
  "status": "404"
```

```
}
```

## Next Steps

For further details, please refer to the official [Okta SCIM 2.0 specification](#) or our FloQast [developer documentation](#).

For any integration-specific questions or support, please contact our support team at [support@floqast.com](mailto:support@floqast.com).