Provision Users and Groups to Secure Access via DUO

Contents

Introduction

This document describes how to provision users and groups from Cisco DUO to Cisco Secure Access.

Prerequisites

Requirements

Cisco recommends that you have knowledge of these topics:

- Cisco Secure Access
- Cisco DUO

Components Used

This document is not restricted to specific software and hardware versions.

- Admin access to Cisco Secure Access Dashboard

- Admin access Cisco DUO dashboard as Admin

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, ensure that you understand the potential impact of any command.

Background Information

Cisco Secure Access supports the provisioning of users and groups from DUO.

This provisioning enables Secure Access to maintain a directory of users authorized to:

- Enroll in Zero Trust Access (ZTA).
- Connect to VPNaaS.
- Apply identity-based policies to Umbrella Roaming users.

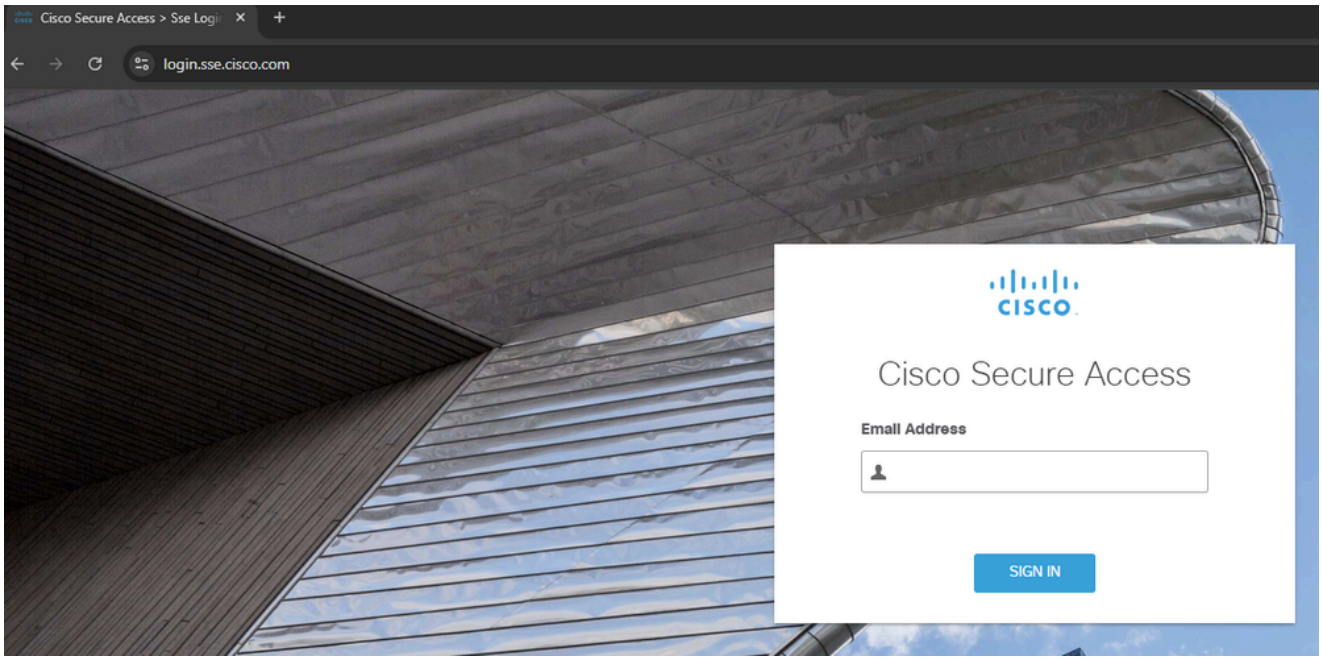
Note: This document focuses specifically on the provisioning of users and groups from DUO. The configuration of Entra ID or other Identity Providers (IdP) for ZTA enrollment, VPNaaS authentication, or specific Umbrella Roaming settings is outside the scope of this guide.

Configure

Configure Cisco Secure Access

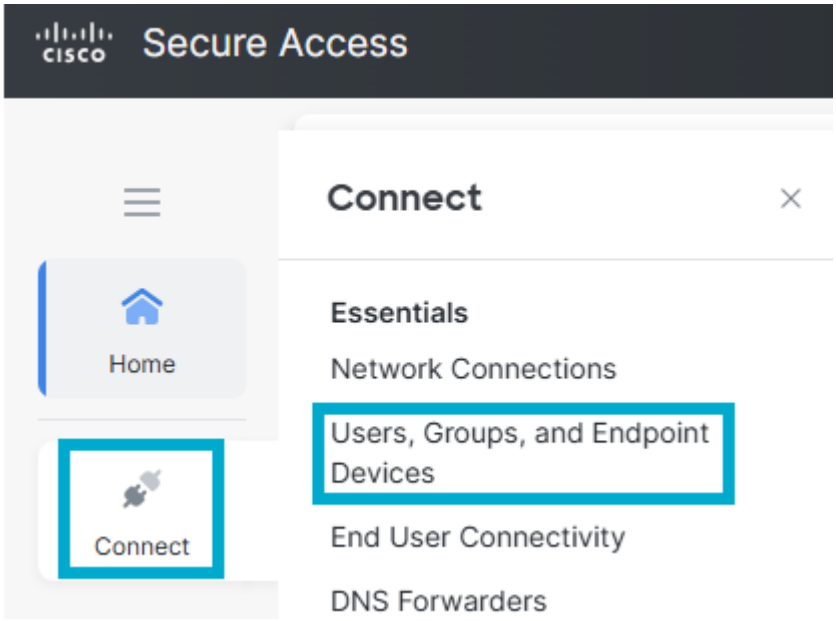
In order to begin the provisioning process, you must first configure the directory integration within the Cisco Secure Access dashboard. This step generates the necessary credentials and configuration parameters required to establish a secure connection with Microsoft Entra ID.

1. Sign in to the **Cisco Secure Access** **Dashboard**.



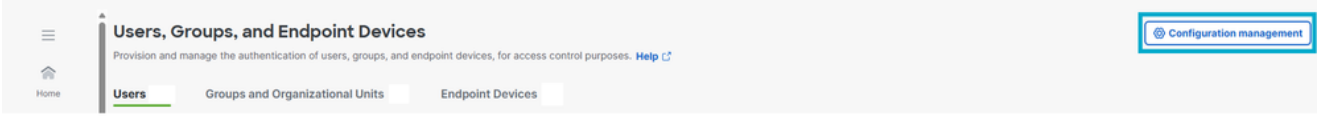
Sign in to CSA

2. Navigate to **Connect > Users, Groups and Endpoint Devices**.

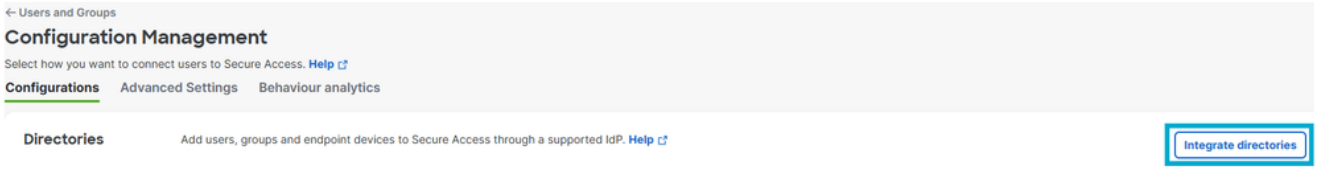


Users and Groups

3. Click **Configuration management**.

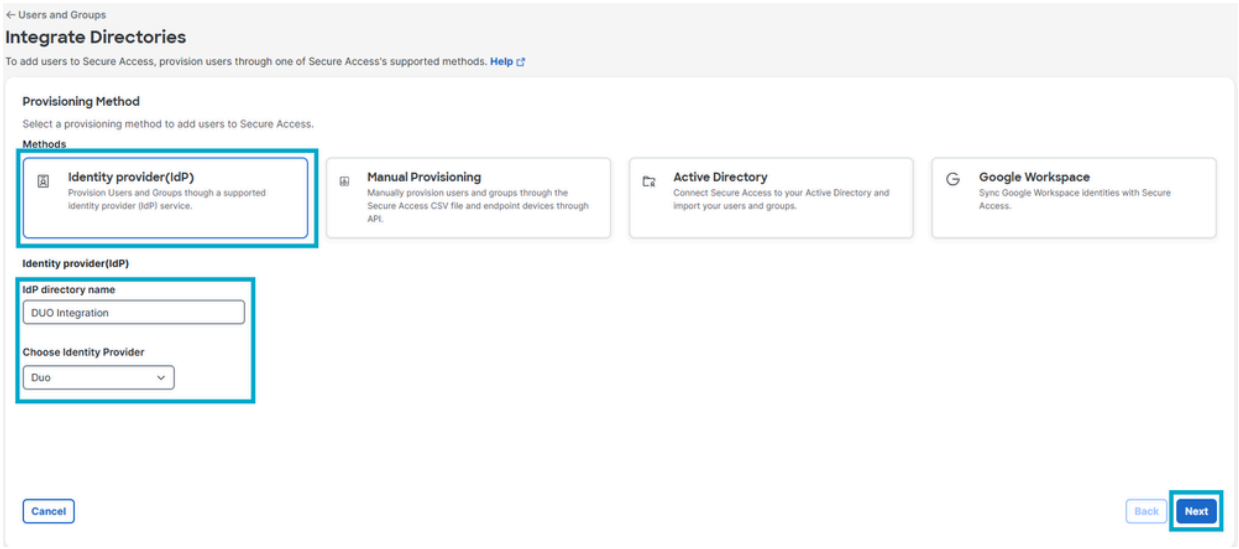


4. Click **Integrate Directory**.



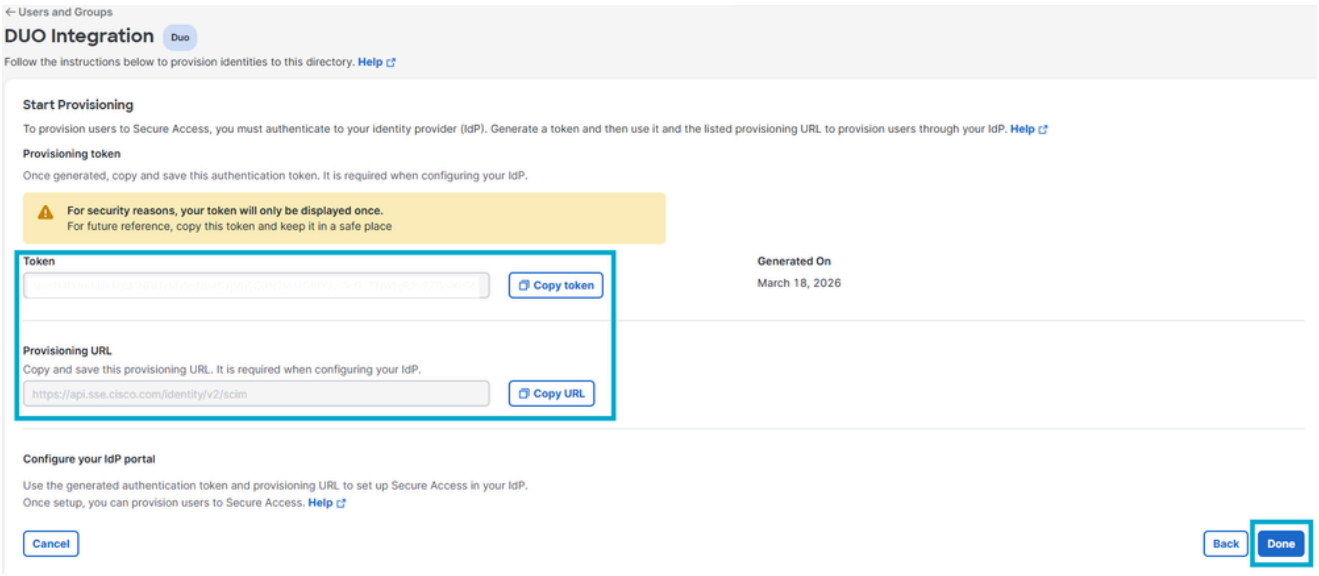
Integrate Directory

5. Under **Provision Method** click **Identity Provider**.
    - **IdP directory name: DUO Integration**.
    - Choose **Identity Provider (IdP): DUO**.
    - Click **Next**.



Directory Configuration

6. Click **Generate token**. Save the **generated token** and the **provisioning URL**, then click **Done**.

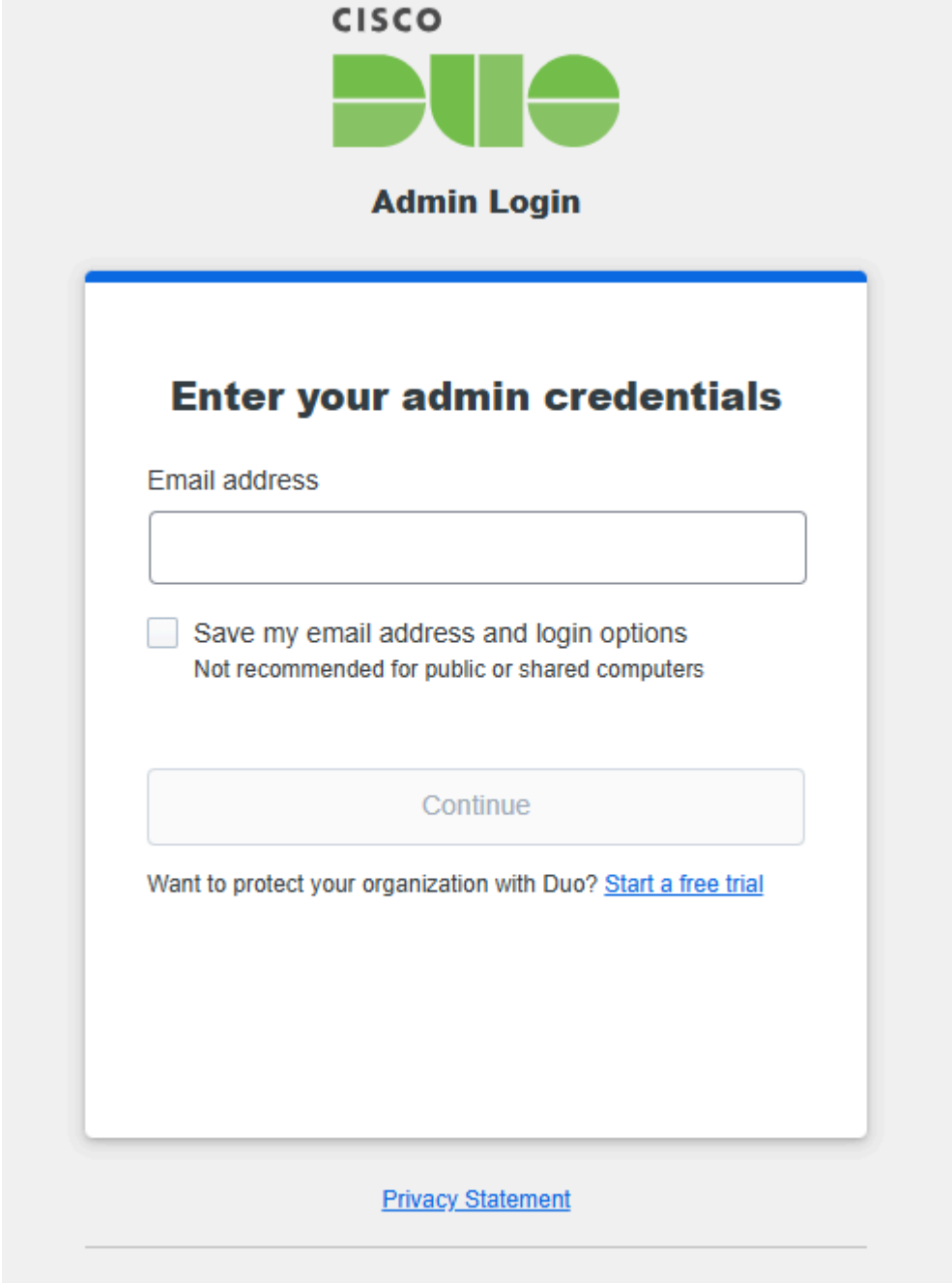


DUO Token

Configure Provisioning in Cisco DUO

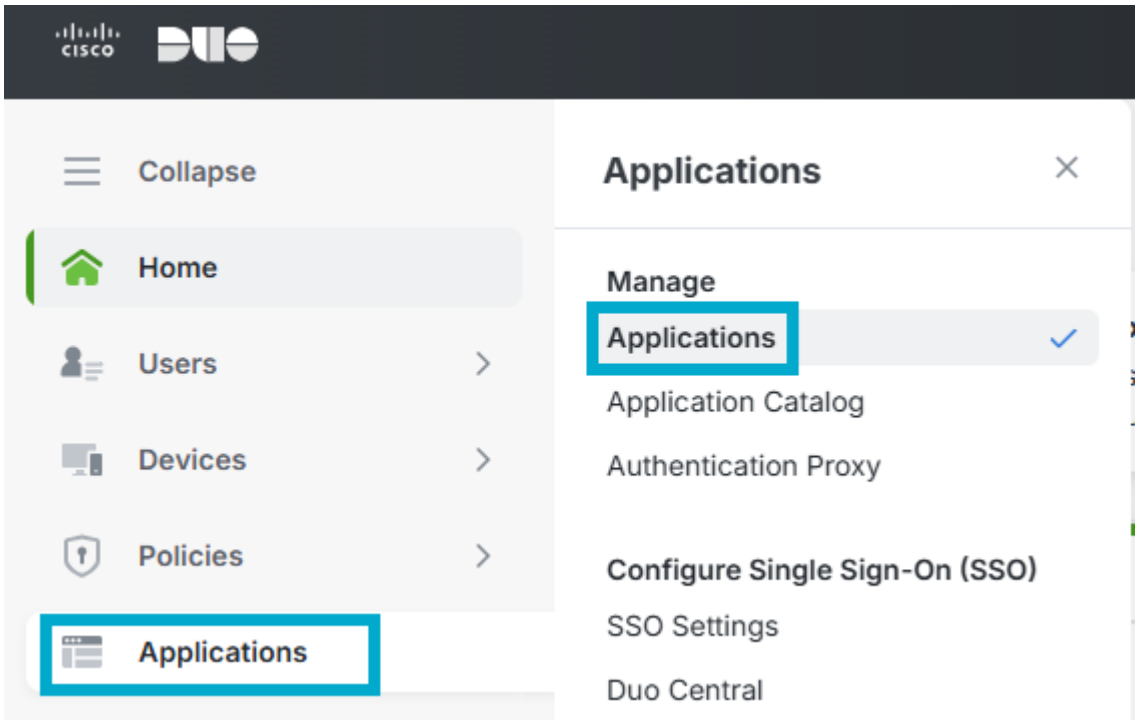
Once you have generated your credentials in the Cisco Secure Access dashboard, you must configure the provisioning settings within your Cisco DUO tenant to enable the synchronization of users and groups.

1. Sign in to DUO.



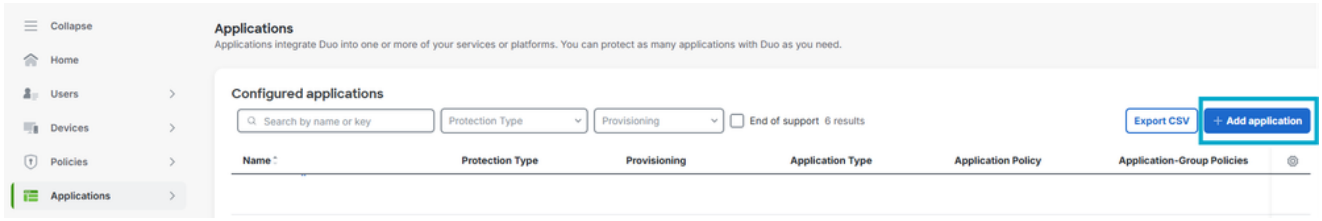
DUO Log In

2. Navigate to **Applications > Applications**.



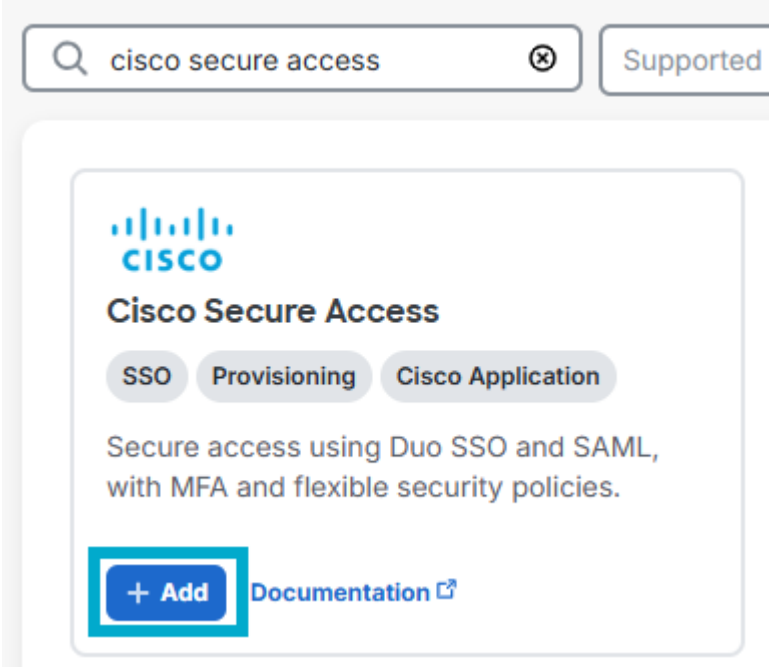
DUO Applications

3. Click **Add application**.



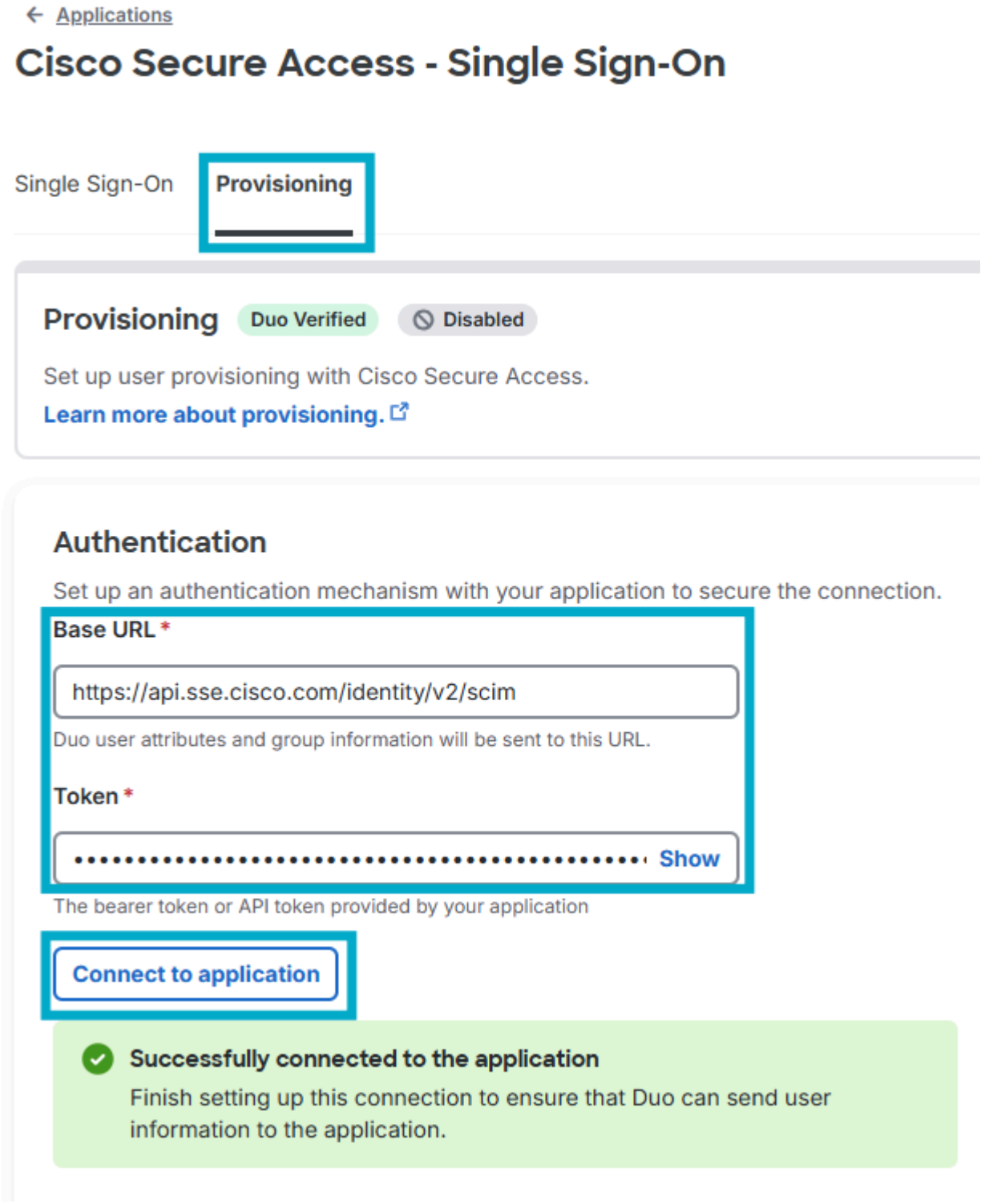
DUO Add App

4. Look for **Cisco Secure Access** and click **Add**.



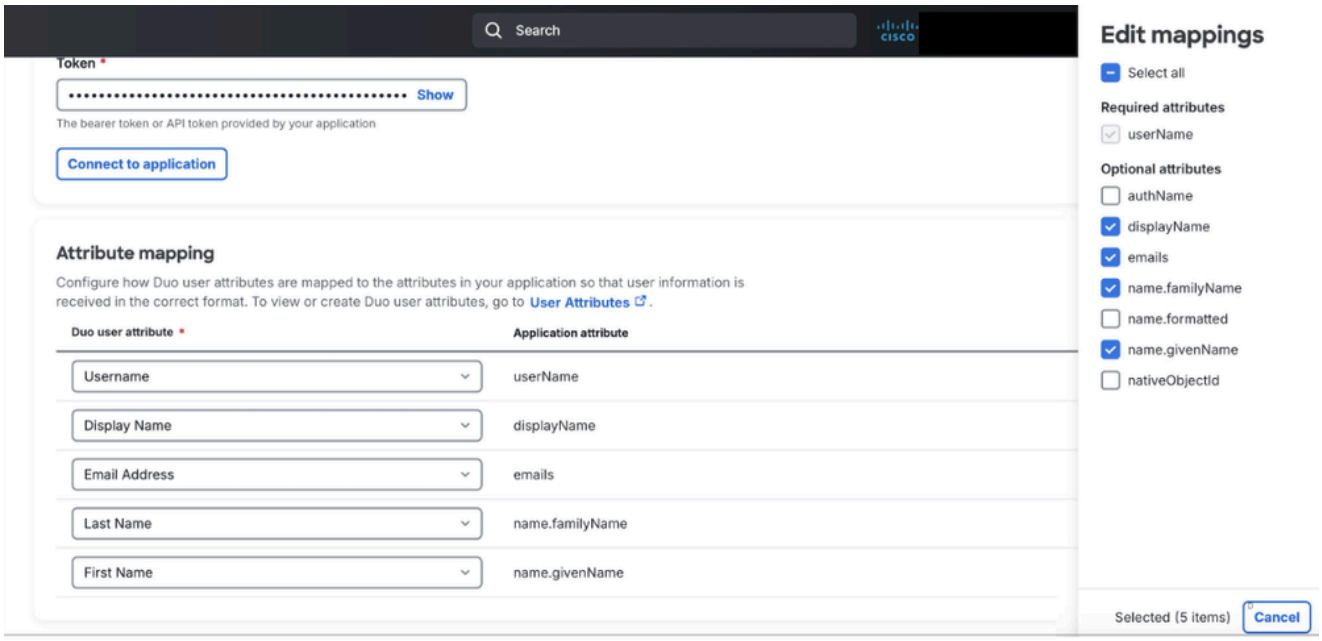
Add CSA App

5. Click **Provisioning**. Enter the **Tenant URL** and **Secret Token** saved from step #6 of the Secure Access Configuration, and click **Connect to Application**.



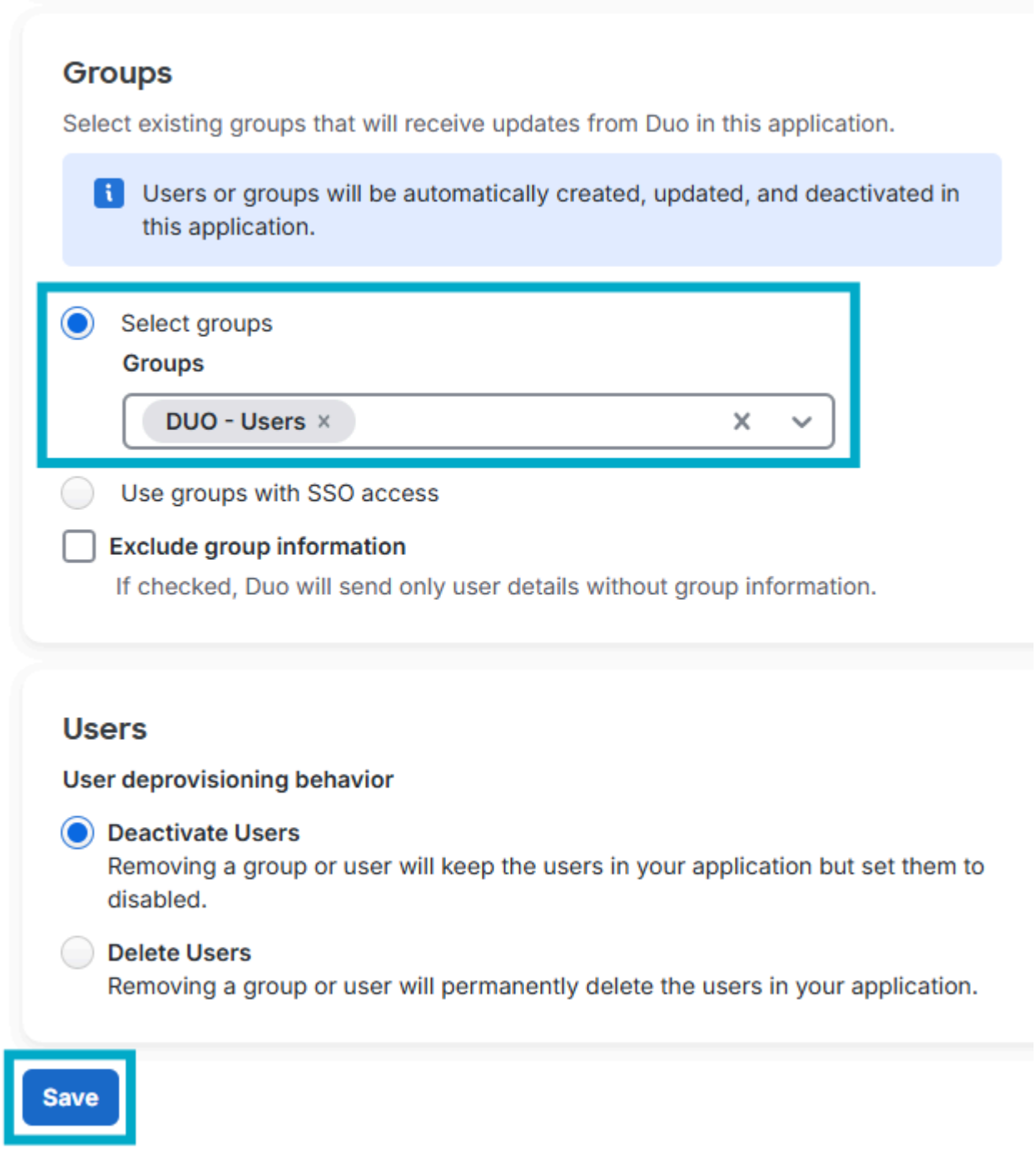
API Connect App

6. Under the same **Provisioning** tab, scroll down to **Attribute mapping** and ensure your attributes are as shown in this specific order.



DUO Mapping

7. Under the same **Provisioning** tab, scroll down to **Groups** and assign the group(s) to sync to Secure Access.



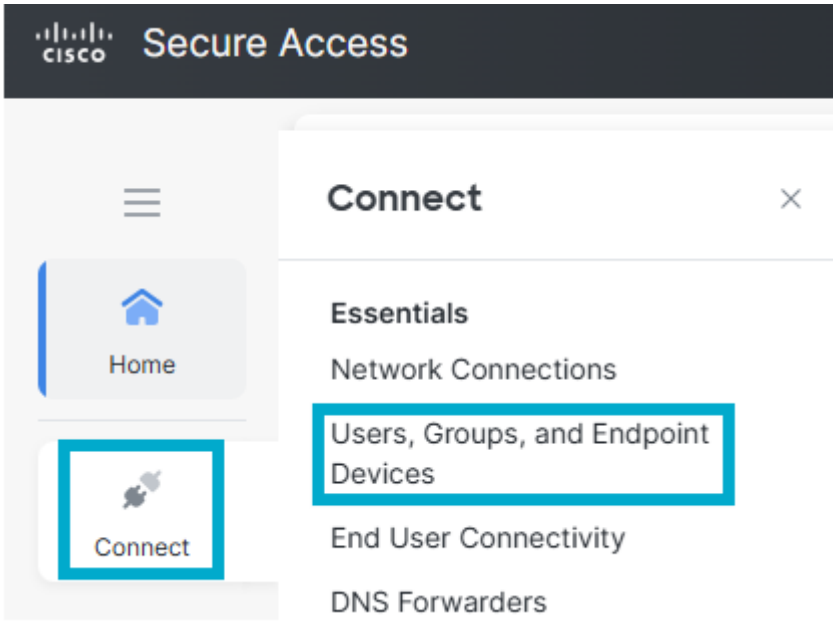
Provision Group

Note: If users do not get provisioned to Secure Access in the proper format, ensure you configure the Attribute Mapping as stated here.

Verify

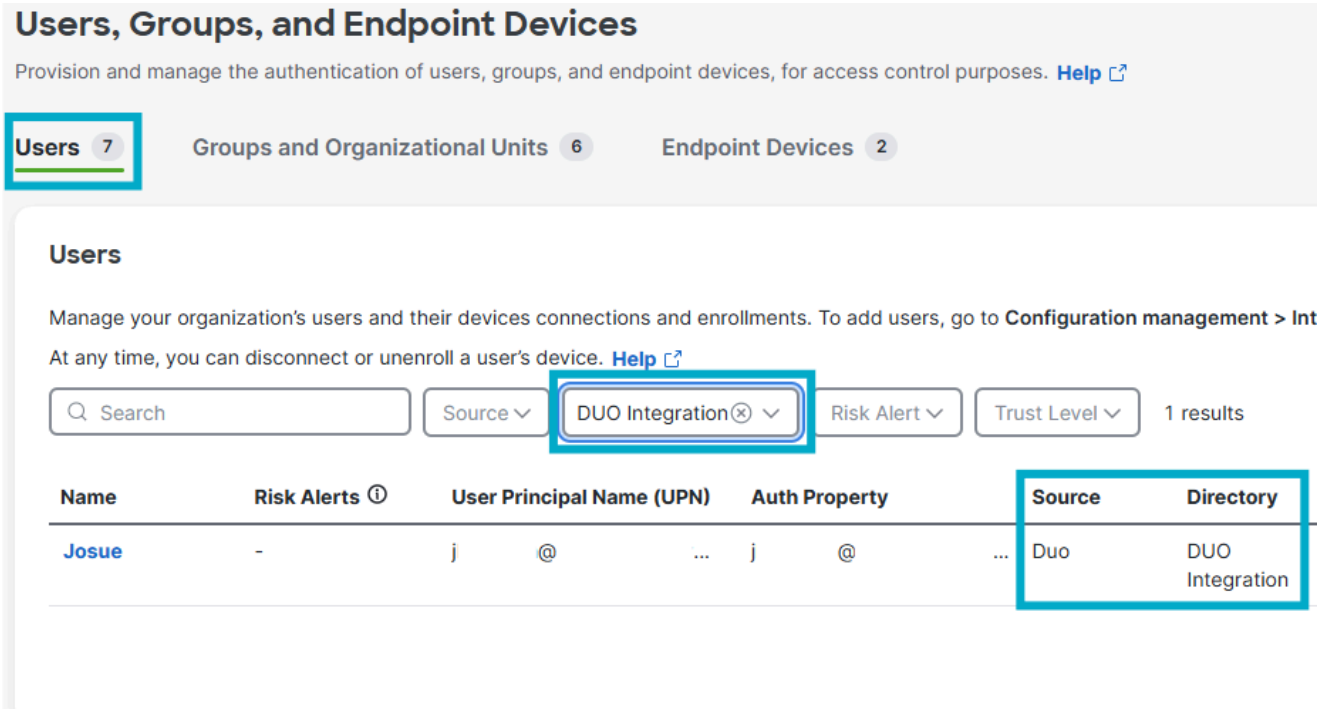
Verity in Cisco Secure Access

- Navigate to **Connect > Users, Groups and Endpoint Devices**.



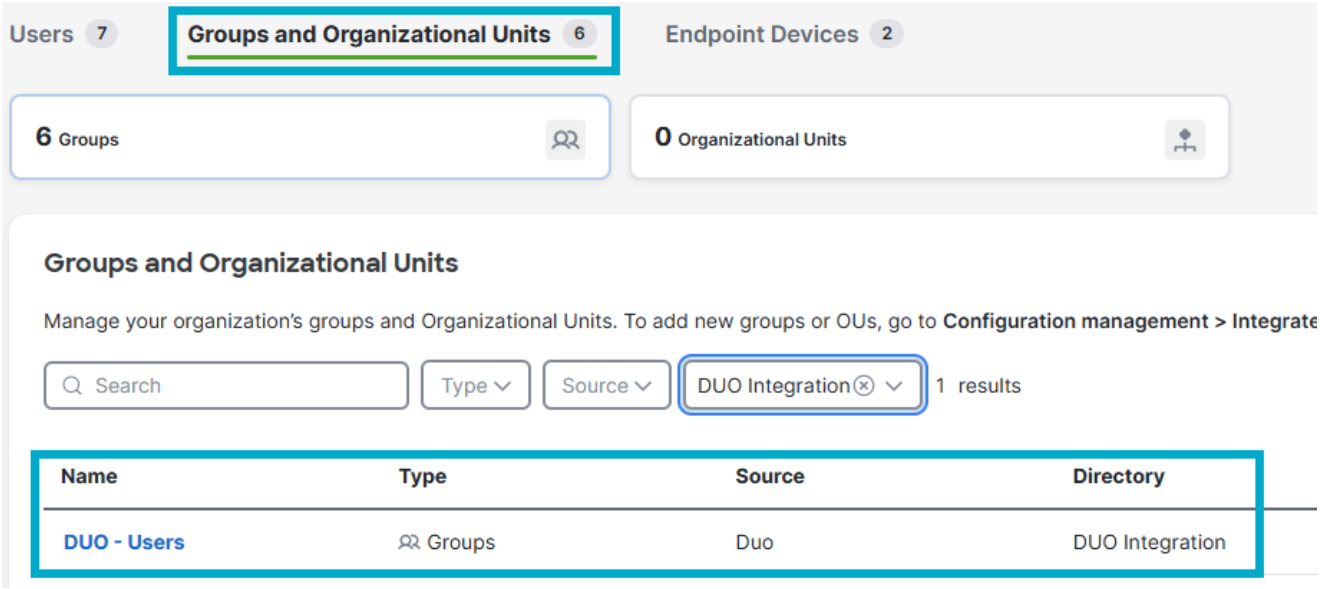
Users and Groups in CSA

- Click **Users**.



Verity Users in CSA

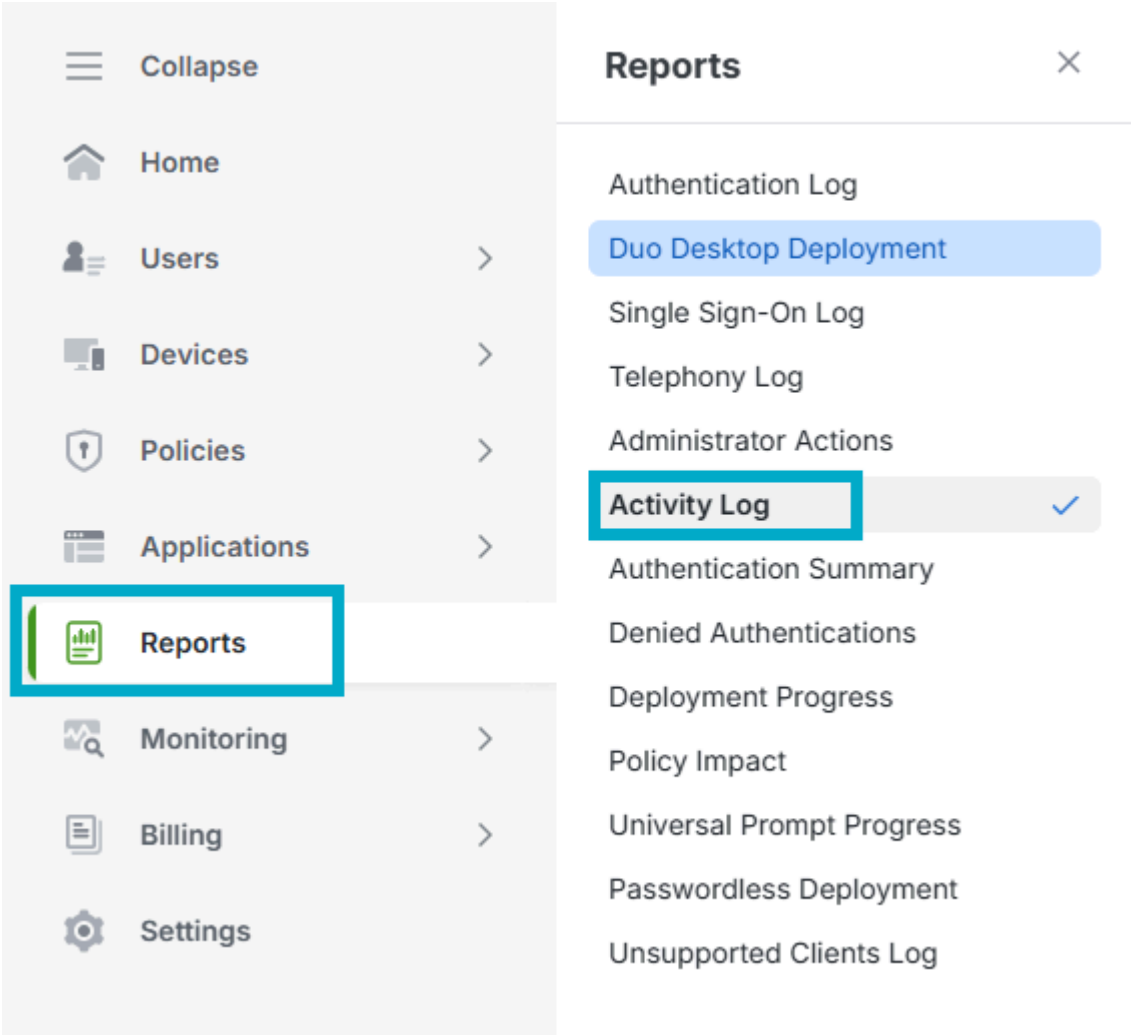
- Click **Groups and Organizational Units**.



Verify Group in CSA

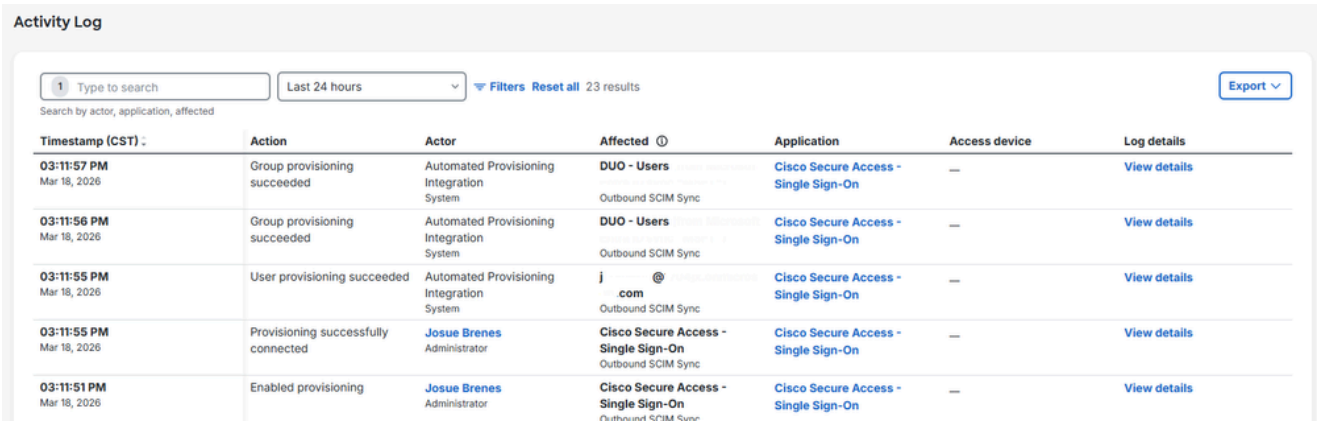
Verify in DUO

- Navigate to **Reports > Activity Log**.



DUO Activity Log

- Filter based on the name of the Application.



DUO Provisioning Logs

Related Information

Configure Identity Providers

Provision Users and Groups from Duo

Attribute Mapping (Mandatory)

Duo Single Sign-On for Cisco Secure Access