

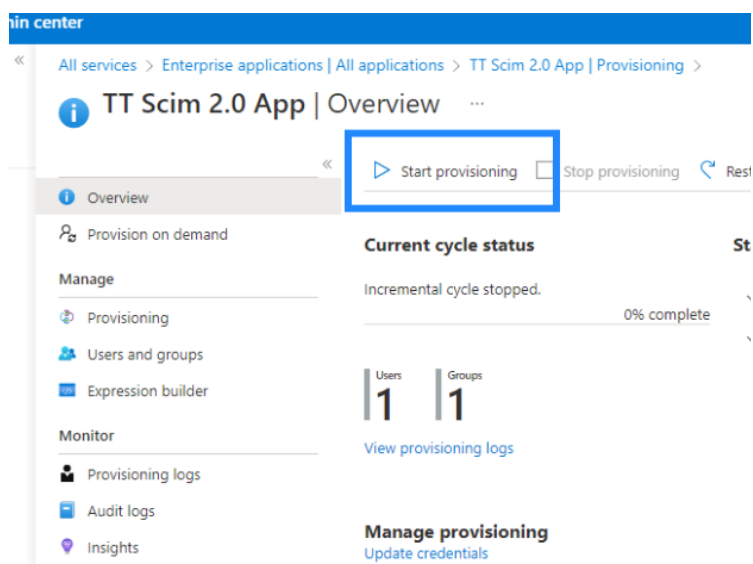
# Set up and use provisioning for Azure

Updated 11 days ago

Learn how to set up and use provisioning to sync users and groups from Azure to TrackTik.

## Overview

You can provision users and groups from Azure to TrackTik to reduce manually adding each employee or role to TrackTik Portal. The provisioning process reduces administrative errors and is a great way to save time, which ultimately saves money.



The screenshot displays the TrackTik Admin Center interface for the 'TT Scim 2.0 App | Provisioning' page. The breadcrumb trail is 'All services > Enterprise applications | All applications > TT Scim 2.0 App | Provisioning >'. The main heading is 'TT Scim 2.0 App | Overview'. Below the heading, there are two buttons: 'Start provisioning' (highlighted with a blue box) and 'Stop provisioning'. To the right of these buttons is a 'Reset' button. The left sidebar contains a navigation menu with items: Overview, Provision on demand, Manage, Provisioning, Users and groups, Expression builder, Monitor, Provisioning logs, Audit logs, and Insights. The main content area shows the 'Current cycle status' as 'Incremental cycle stopped.' with a progress bar at '0% complete'. Below this, there are two cards for 'Users' and 'Groups', both showing a count of '1'. A 'View provisioning logs' link is present. At the bottom, there is a 'Manage provisioning' section with a link for 'Update credentials'.

## Before you start

Help

Here are some things you must do before you start:

- Get Microsoft Azure admin access to MS Azure Active Directory and Enterprise applications.
- We recommend checking out [Getting started with provisioning for Azure or Okta](#).
- Contact our Support team to get a provisioning token.
  - This requires knowing which portal URL you want the access token for and the administrator credentials that can take care of the integration.

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## Set up and use provisioning for Azure

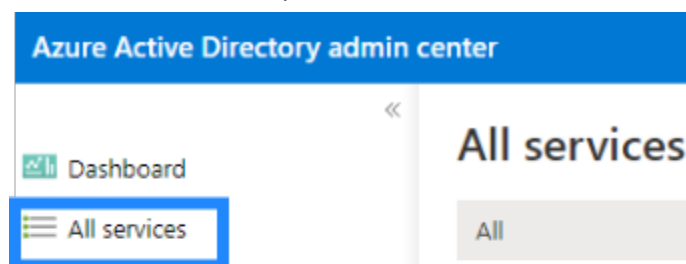
Setting up and using provisioning for Azure is a five-part process. We broke out the process into digestible steps to make your provisioning process experience a good one.

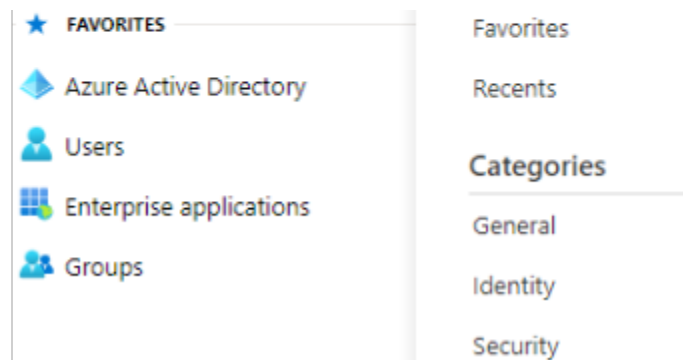
### Step 1: Create a provision application

To set up provisioning, you must create an application.

To create a provision application:

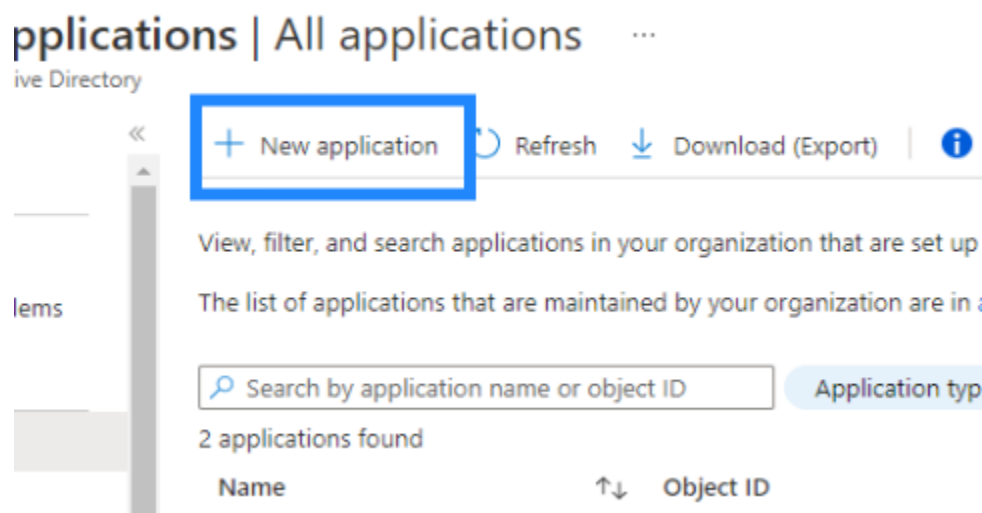
1. Log into your Azure Active Directory admin center as an admin.
2. In the side menu, select **All Services**.



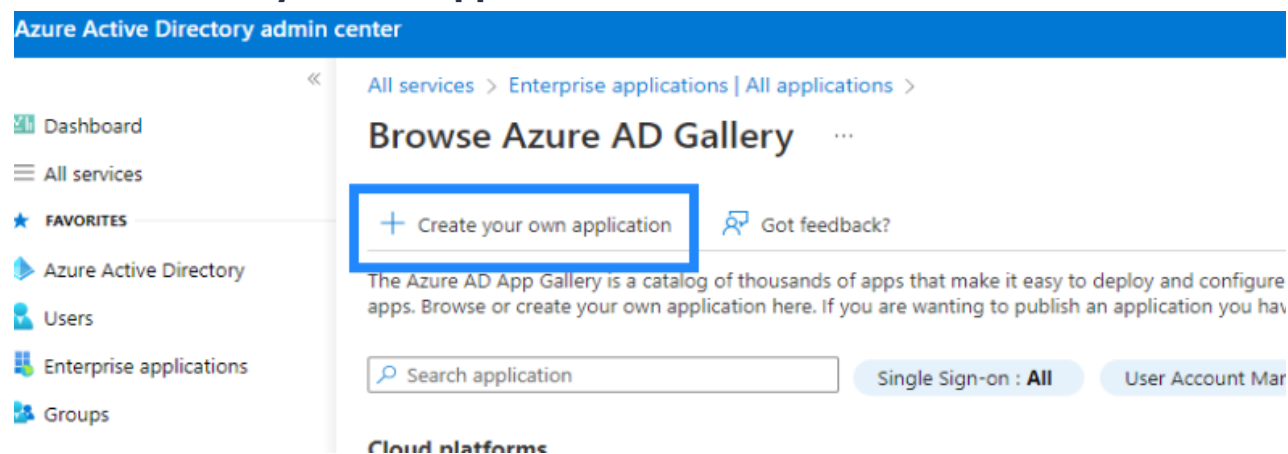


3. In **Identity**, select **Enterprise applications**.

4. Choose **+ New application**.



5. Select **+ Create your own application**.



6. In the *What's the name of your app* box, enter a name for your SCIM integration and choose **Integrate any other application you don't find in the gallery (Non-gallery)**.

7. Select **Create**.

The application is now created. You can now set up and test your provisioning

connection.

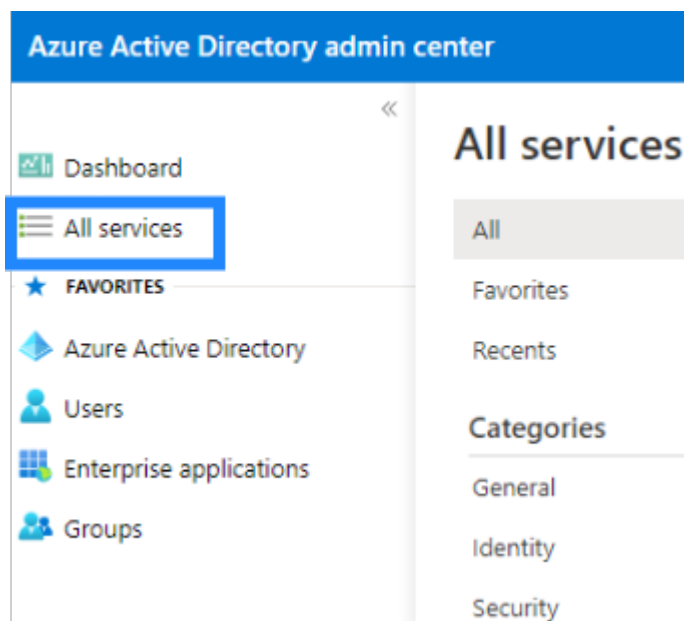
## Step 2: Set up and test your provision connection

After [creating your provision application](#), it's a good idea to test your provision connection.

To test your provision connection:

1. Open the application you created in [Step 1: Create a provision application](#) [↗](#)  
. If you created an application:

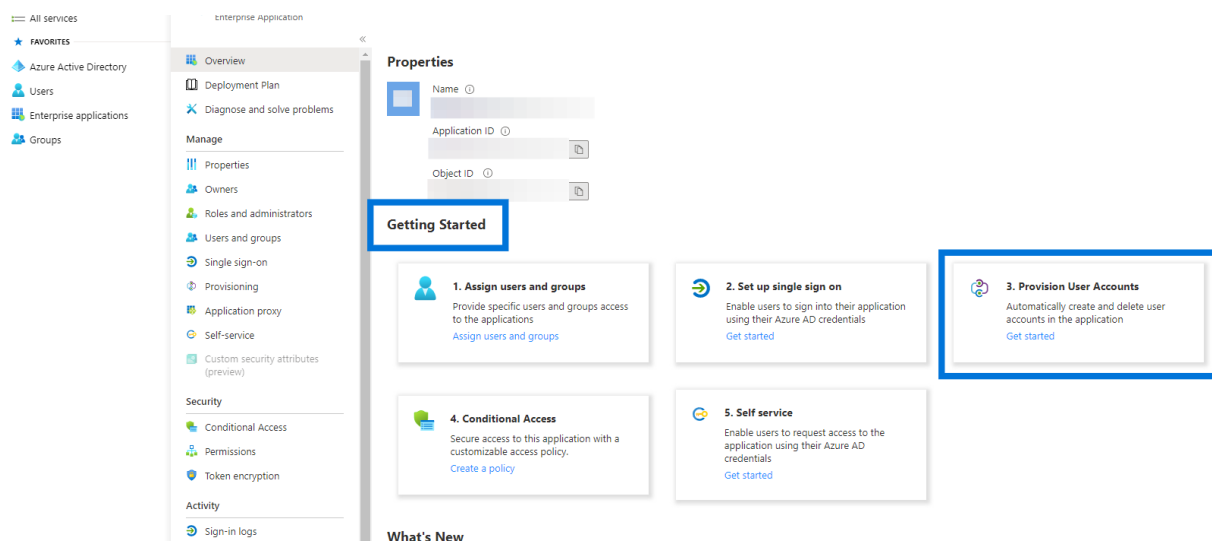
1. Log into your Azure Active Directory admin center as an admin.
2. In the side menu, select **All Services**.



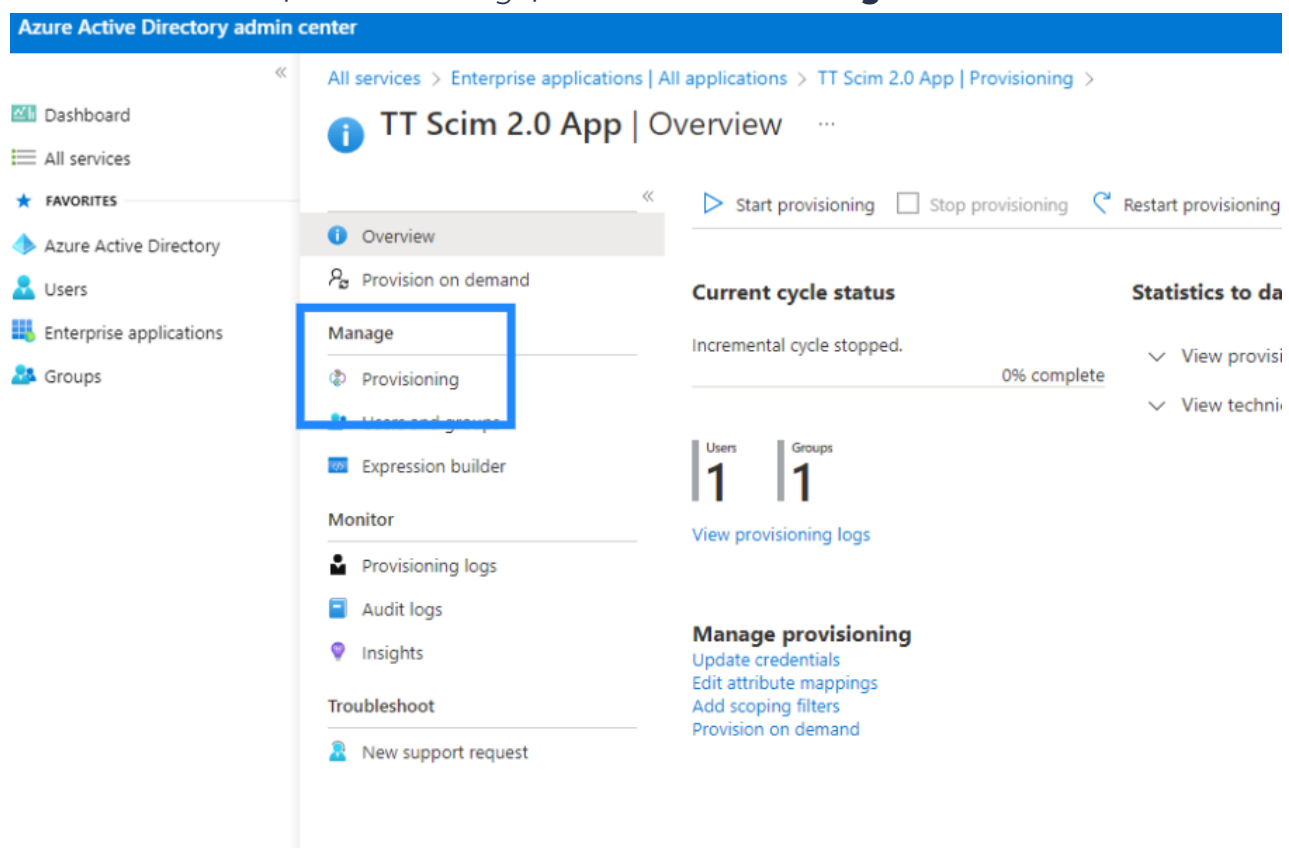
3. In **Identity**, select **Enterprise applications**.
4. Select an application name from the list.

2. In **Getting Started**, find **3. Provision User Accounts** and select **Get started**.





3. In the side menu, under *Manage*, choose **Provisioning**.



4. In the *Provisioning Mode* dropdown menu, select *Automatic*.

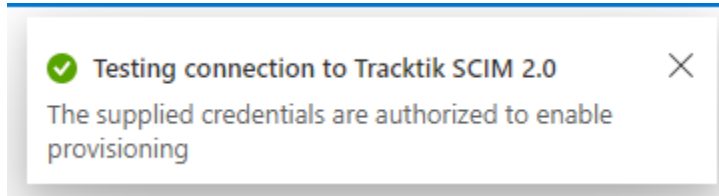
5. Select **Admin Credentials**, and enter your tenant URL in the *Tenant URL* box.

Your tenant URL looks something like `https://<tracktikDomain>/rest/scim/v2/`.

6. Enter your access token in the *Secret Token* box.

If you don't have a token, check out [Before you start](#) about how to get one.

7. Select **Test Connection**. If your test is successful, a message shows that confirms this. If your provisioning is successful, you can start mapping. If your test is unsuccessful, contact the Support team and try again.



8. Select **Save**.

You're now ready to map your data flow.

### Step 3: Mapping the data flow for users and groups

Once you [test your provision connection](#), you must set up and map the data flow.

To map your data flow:

1. Follow steps 1 to 3 in [Step 2: Set up and test your provisioning connection](#).
2. Select **Mappings > Provision Azure Active Directory Users**.
3. For the *Enabled* toggle, switch it to **Yes**.
4. In *Target Object Actions*, select **Create, Update, and Delete**.

*We recommend not adjusting the Attribute Mappings.*

5. Go back to **Mappings** and select **Provision Azure Active Directory Groups**.
6. In *Target Object Actions*, select **Create, Update, and Delete**.

*We recommend not adjusting the Attribute Mappings.*

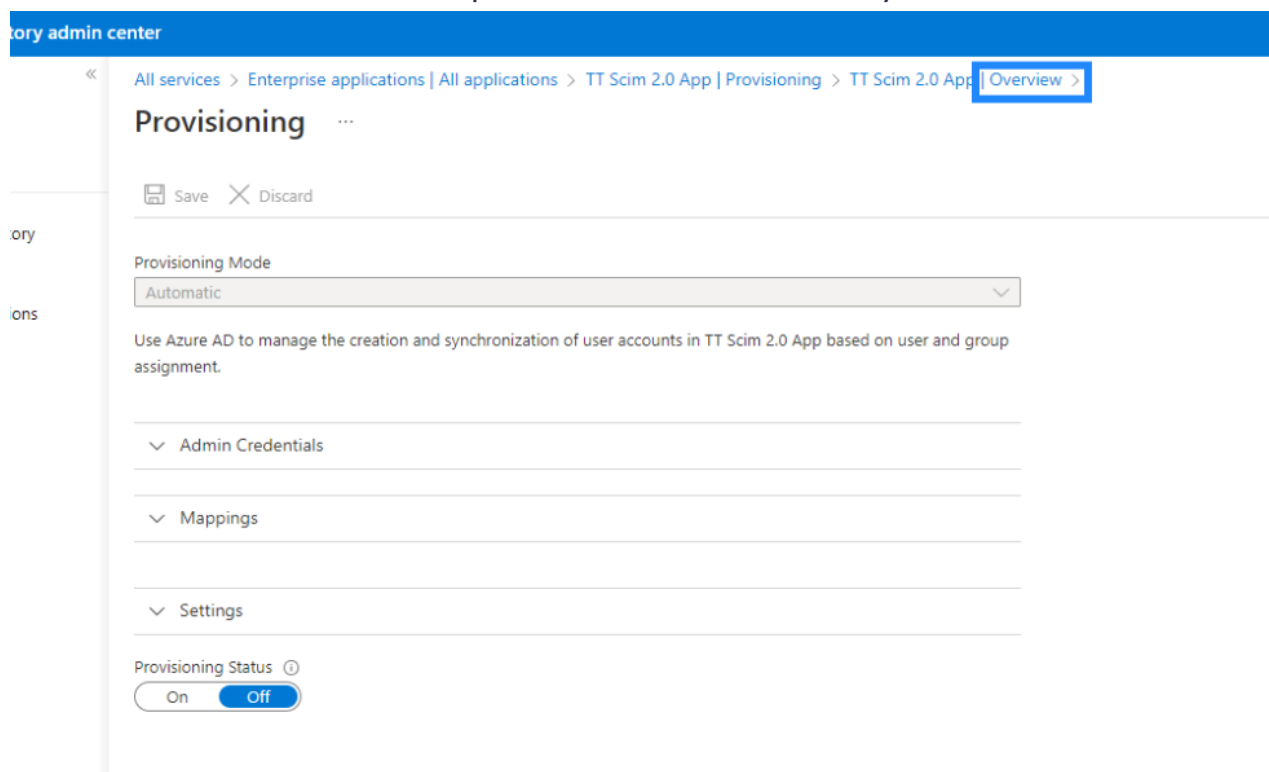
Your data flow is now mapped.

## Step 4: Set up users and groups to sync

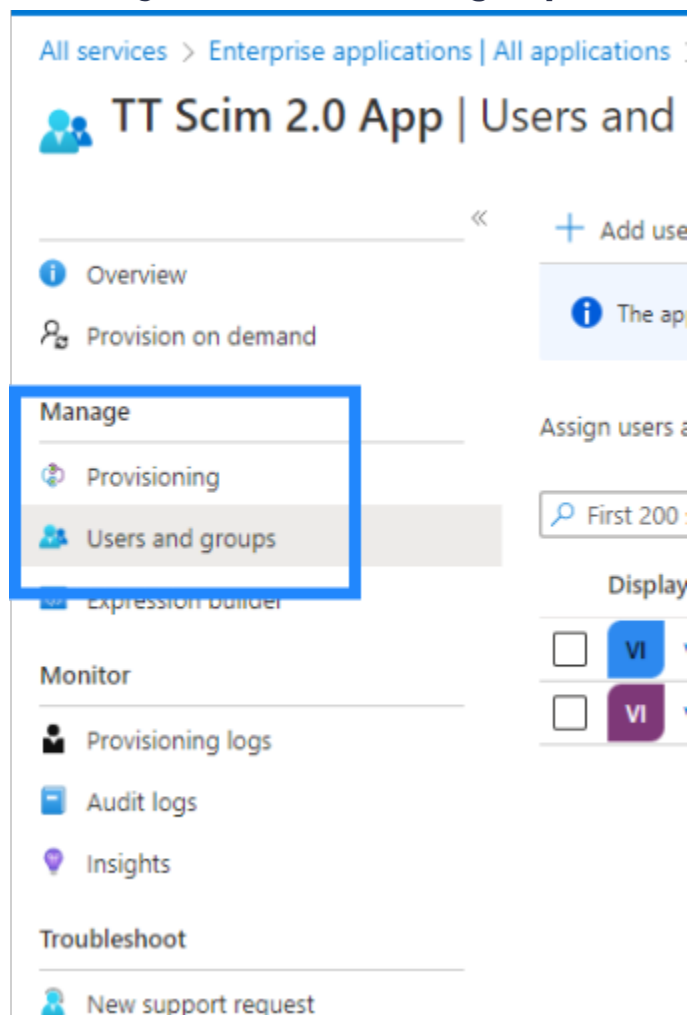
Once your [data flow is mapped](#), you must set up users and groups to sync to TrackTik.

To set up syncing for users and groups:

1. Follow steps 1 to 3 in [Step 2: Set up and test your provisioning connection](#) .
2. Select **Overview**.
3. Select **Provisioning**, and in *Manage provisioning*, choose **Update credentials**.
4. Select **Settings**.
5. In the *Scope* dropdown menu, choose *Sync only assigned users and groups*.
6. In the breadcrumb at the top, select the overview of your SCIM.



7. In *Manage*, select **Users and groups** and select **+ Add user/group**.



8. In *Users*, select **None Selected**.

9. In the *Search* box, enter the name of the user or group you want to sync to TrackTik and choose the user or group.

*All members of a group are provisioned.*

10. Select **Select > Assign**.

Your users and groups are ready for synchronization.

## Step 5: Sync from Azure to TrackTik

Once you've [set up your users and groups](#), you can sync your data to TrackTik.



To start syncing data from Azure to TrackTik:

1. Follow steps 1 to 2 in [Step 2: Set up and test your provisioning connection](#).
2. Choose **Start provisioning**.

*This isn't instant and does take time. The provisioning runs every 20 to 40 minutes.*

The screenshot shows the 'TT Scim 2.0 App | Overview' page in the Admin Center. The breadcrumb trail is 'All services > Enterprise applications | All applications > TT Scim 2.0 App | Provisioning >'. The main heading is 'TT Scim 2.0 App | Overview'. Below the heading, there are two buttons: 'Start provisioning' (highlighted with a blue box) and 'Stop provisioning'. To the right of 'Stop provisioning' is a 'Reset' button. The left sidebar contains a navigation menu with items: Overview, Provision on demand, Manage, Provisioning, Users and groups, Expression builder, Monitor, Provisioning logs, Audit logs, and Insights. The main content area shows the 'Current cycle status' as 'Incremental cycle stopped.' with a progress bar at '0% complete'. Below this, there are two cards for 'Users' and 'Groups', both showing a count of '1'. There is a 'View provisioning logs' link. At the bottom, there is a 'Manage provisioning' section with a link for 'Update credentials'.

Once the provisioning is complete, your data is synced to TrackTik.

## Finding a provisioned user in TrackTik

*Users in Azure are converted to employees in TrackTik.*

To see a provisioned user in TrackTik:

1. Log into your TrackTik Portal.
2. Select **Employees**.

*Users are assigned to the HQ region in TrackTik.*

3. In the *Type to filter* box, enter the employee's name; the employee shows in your search.

You can also select **View** for the employee and choose the **History** tab to see the provisioning details.

## Finding a provisioned group in TrackTik

*Groups* in Azure are converted to *roles* in TrackTik.

To find a provisioned Group in TrackTik:

1. Log into your TrackTik Portal.
2. Select **Settings**.
3. In *General Configurations*, select **Roles & Security**.

The group is provisioned to your **Staff Portal Roles**.

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## See also

- [Set up Azure single sign-on \(SSO\) for TrackTik](#) 
- [Getting started with provisioning for Azure and Okta](#) 

- [Getting started with provisioning for Azure and Okta](#)
- [Set up and use provisioning for Okta](#)

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