

Greenhouse - Azure Active Directory Quickstart Template User Guide

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Overview

Quickstart templates

Quickstart templates are pre-built integrations and come packaged with all the components that you need to integrate two or more applications (including connections, exports, imports, integration flows, data mappings, etc.) You can install a Quickstart template in your integrator.io account and modify it to fit your custom integration requirements.

Quickstart templates help you to:

- Automate your business processes and eliminate manual non-productive tasks like creating and maintaining dual-entries between the two apps.
- Let your IT team focus on core development instead of spending time and effort on developing and maintaining integrations.
- Save on your operational costs by automating manual tasks.
- Scale-up your operations efficiently using our custom integration solutions.



Key Celigo terms

Familiarize yourself with some of the key terms used throughout this guide.

Quickstart templates

The term template refers to the integration that processes and moves data between your apps. In technical terms, it refers to a group of flows in a folder or template. Templates appear as tiles on your integrator.io homepage. You can configure, run, manage flows from the settings page within integration and monitor flow jobs via the dashboard.

Integration Flows

The term flow refers to a stream of data that is exchanged between two or more apps or systems that help you to achieve your data integration goals. A flow:

1. Exports data from one or multiple systems or apps.
2. Processes the data based on the flow settings.
3. Imports the processed data to another system or app.

Types of flows:

- A flow that performs more than one export or import is called orchestration or orchestrated Flow.
- Flows that sync data between two apps or systems in real-time are called real-time flows.
- Scheduled flows are manual flows that can be scheduled to run in batches at predefined times and intervals or on an on-demand basis.

A flow that is running is called an active flow. You can run multiple flows simultaneously.

Connection

You'll need to provide adequate permissions to a template to access a system or app before you start moving your data. To do so, login to your system or app via the template set up to establish a connection between the template. Each app or system requires varied inputs to establish a connection. The most commonly used inputs for Celigo's integrations are:

- Username and password
- API key
- Tokens
- URLs

Greenhouse - Azure Active Directory Quickstart template

Integrate your Greenhouse app with AzureAD to generate single sign-on access to internal business systems for new hires. The Greenhouse - Azure Active Directory Quickstart template comprises of a pre-built integration flow. These flows help you to sync new hire information between Greenhouse and AzureAD.

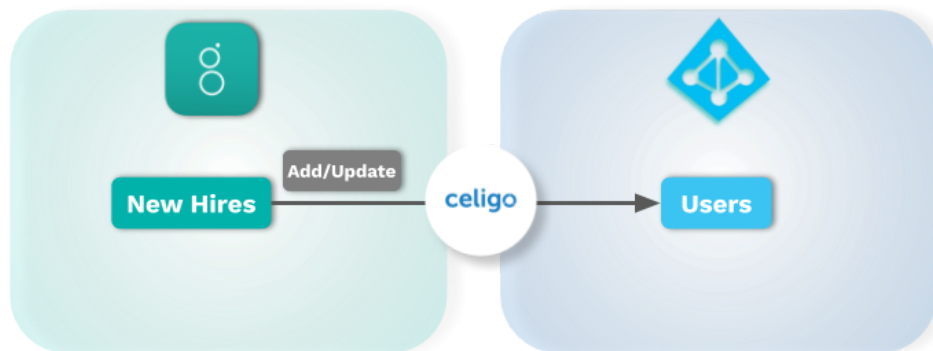


Image: An illustrative flow diagram that syncs Greenhouse New Hires to Azure Active Directory Users.

Key benefits

- **Create users from Greenhouse new hires** in Azure Active Directory and make mapping changes on the fly.
- **Efficiently scale operations** by automating processes that rely on Greenhouse and AzureAD platforms.
- **Manage all your users** from a central location in Azure.
- **Reduce maintenance time** with a dashboard for sophisticated error handling and integration support provided by Celigo.

Install Greenhouse - Azure Active Directory Quickstart template

Before you install

- Refer to the Greenhouse - Azure Active Directory Quickstart template [prerequisites](#) table.
 - **Note:** You can refer to the ReadMe link to the right on your template install setup page.
- Keep your Greenhouse and AzureAD credentials ready:
 - **Azure**

Keep your Microsoft username and password ready.

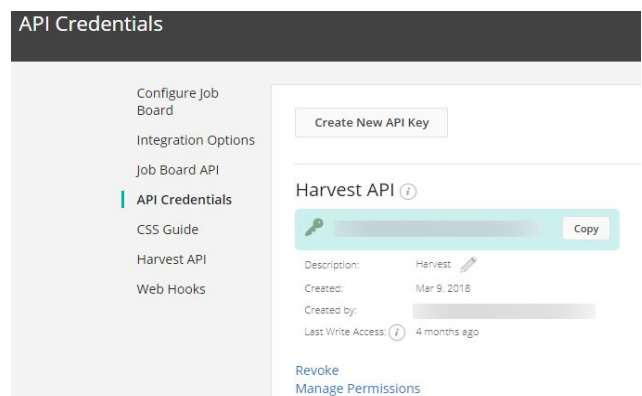
 - **Note:** Refer to the [Additional References](#) section to know how to find out your Endpoint.
 - **Greenhouse**

Before you set up a Greenhouse connection from the Integration tile, ensure that you have the API and authentication details for your Greenhouse app.

 - Refer to the Greenhouse help documentation to know more about [APIs](#) and [Authentication](#).
 - To generate User Id refer to the Greenhouse help documentation to [List all of an organization's Greenhouse users](#).

Steps to generate the Greenhouse API Token:

1. Login to Greenhouse account.
2. From the settings icon at the top-right, click **Devcenter**.
3. Click API Credentials.
4. Copy the Harvest API Key.



Choose & install your template

Find your Quickstart template in Marketplace

1. [Sign up](#) or Sign In into your [integrator.io](#) account.
2. At the top, click Marketplace.
3. Scroll through the catalog and click on the Azure Active Directory or Greenhouse integration tiles.
4. Click on the Greenhouse - Azure Active Directory integration tile.
5. You'll see a list of Quickstart templates under the Azure Active Directory or Greenhouse integration tiles.
6. Click on the Install link from the Greenhouse - Azure Active Directory template tile.
7. The Install Wizard displays the list of components that it would create in your integrator.io account once the Greenhouse - Azure Active Directory Quickstart template is successfully installed.
8. Click Install Integration.
9. Read the Disclaimer carefully and click Proceed.
10. You'll be redirected to the Setup page.

Set up and install Greenhouse - Azure Active Directory Quickstart template

You need to set up connections using your [Greenhouse and Azure Active Directory credentials](#) to integrate the two apps.

Set up Azure Active Directory Connection

Refer to the [Azure Active Directory connection prerequisites](#) before you set up a connection.

Configure Azure Active Directory connection

1. From your template install setup page, click **Click to Configure** link to open the connection settings.
2. A connection dialog will open. Enter your Azure Active Directory connection details as shown below:

Azure Active Directory Connection ✕

What would you like to do? Setup New Connection Use Existing Connection

1 Name:

2 Connection Type:

3 [Configure Scopes](#)

▼ **Advanced Settings:**

4 Disable Strict SSL:

5 Borrow Concurrency From:

6 Concurrency Level:

[Save & Authorize](#)

Note: Fields marked ‘*’ are mandatory.

1. * Name: Enter a name for your connection.
2. * Connection type: Azure Active Directory is automatically selected.

Click **Advanced Settings** in the connection dialog to expand the dropdown:

3. **Configure Scopes (Optional):** Scopes are permissions you provide to the template to access and perform certain actions on your Shopify app. You can limit permissions for a template using scopes. To define a scope for your Shopify-Acumatica template, click **Configure Scopes**.

Scopes ✕

1 [Add All Scopes](#) 2 [Clear All](#)

read_content

write_content

read_themes

write_themes

read_products 3 ✕

write_products

read_product_listings

read_customers

write_customers

read_orders

write_orders

read_all_orders

read_draft_orders

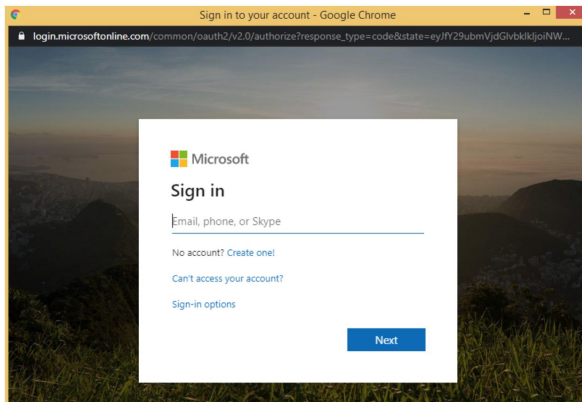
write_draft_orders

...

[Save](#) [Save & Close](#)

You can add or clear scopes in the scope dialog as shown below:

- Add all scopes: Choosing this option gives the template full permission to access and perform actions on your Shopify app. By default, all scopes are added to the template.
 - Clear all scopes: This field allows you to clear all scopes that are defined in the template.
 - To selectively clear a scope from a list of the added scopes, click 'X' next to a scope.
4. Disable Strict SSL (Optional): Selecting this option will skip SSL certificate verification. This field allows self-signed or expired certificates. We recommend that you do not enable this checkbox for your production data connections.
 5. Borrow Concurrency Form (Optional): This field allows the user to borrow the number of disparate operations performed at a given time as another. Enter this field if you're integrating multiple apps that need to use the same level of operations.
 6. Concurrency Level (Optional): If you do not want to borrow the concurrency levels you've set in other apps, you can enter your personalized concurrency levels here.
3. Click Save & Authorize to save your connection.
 4. You'll be redirected to the Microsoft login page.



5. Enter your registered Email and click **Next**.
6. Enter your password and click **Sign in**.

You've successfully connected the Greenhouse-Azure Active Directory Quickstart template with your Azure Active Directory app.

Set up Greenhouse connection

Refer to the [Greenhouse connection prerequisites](#) before you set up a connection.

Configure Greenhouse connection

1. From your template install setup page, click **Click to Configure** link to open the connection settings.
2. A connection dialog will open.
3. Enter your Greenhouse connection details as shown below:

Greenhouse Connection
✕

What would you like to do? Setup New Connection Use Existing Connection

1 Name:

2 Connection Type:

3 API Token:

4 User ID:

▼ Advanced Settings:

5 Borrow Concurrency From:

6 Concurrency Level:

Note: Fields marked ‘*’ are mandatory.

1. * **Name:** Enter a name for your connection.
2. * **Connection type:** Greenhouse is automatically selected.
3. * **API Token:** Enter your [Harvest API Key](#).
4. * **User ID:** Enter your [Greenhouse user Id](#).

Click Advanced Settings in the connection dialog to expand the dropdown:

5. **Borrow Concurrency Form:** This field allows the user to borrow the number of disparate operations performed at a given time as another. Enter this field if you’re integrating multiple apps that need to use the same level of operations.

6. **Concurrency Level (Optional):** If you do not want to borrow the concurrency levels you've set in other apps, you can enter your personalized concurrency levels here.
4. Click **Test** to test your connection.
5. Once you test your Greenhouse connection, click **Save**.

You've successfully connected and installed your Shopify-Acumatica Quickstart template.

Configure and run your flow

Configure your flow

Your flow comes with default settings. You can change your flow default settings by mapping your fields.

Map your fields

When you map your Greenhouse fields with Azure Active Directory fields. The Greenhouse - Azure Active Directory Quickstart template identifies the fields on a Greenhouse record, from which it needs to export data and import it to matching fields on an Azure Active Directory record. To know more about mapping refer to the article [Mapping explained](#).

Flow name	Flow configuration
Greenhouse to Azure Active Directory	<ul style="list-style-type: none"> • “Import Azure Active Directory users (Create)” import object: By default, the value in “accountEnabled” and “PasswordProfile.password” fields are hard-coded. You’ll need to enter the Azure Active Directory account-specific value in these fields. • “Import Azure Active Directory users (Update)” import object: By default, the value in the “accountEnabled” field is hard-coded. You’ll need to enter the Azure Active Directory account-specific value in these fields.

Before you run the flow

Make sure you meet the prerequisites before you run a flow in your Greenhouse - Azure Active Directory Quickstart template.

Flow name	Prerequisites
Greenhouse to Azure Active Directory	<p>“Import Azure Active Directory users (Update)” import object: You’ll need to change the value of the domain name in the “userPrincipalName” field using settings.</p> <p>Example: Change the value of the domain name in the expression below from “celigolabs” to your microsoft domain name.</p> <pre>{{join "" (join "" first_name last_name)"@celigolabs.onmicrosoft.com"}}</pre>

Run your flow

You need to enable the flow for it to run and perform the sync between your apps.

1. From your integrator.io home page, click the Greenhouse - Azure Active Directory Integration tile.
2. Navigate to Settings > Integration Flows > Flow.
3. Enable the On/Off toggle button next to the flow.
4. You can run a flow in two ways:
 - Real-time
 - Scheduled

Note: Refer to the article on how to [Schedule or Run Data Flows](#).

You're all set to sync data between your Greenhouse and Azure Active Directory apps.

Uninstall Greenhouse - Azure Active Directory Quickstart template

Delete all flows

- **Notes:**
 - Deleting your Greenhouse - Azure Active Directory Quickstart template will not impact the synced data on your Greenhouse and Azure Active Directory apps.
 - Before you uninstall your Greenhouse - Azure Active Directory Quickstart template, you need to disable and delete all flows within your template.

Disable a flow

To disable a flow, login to your integrator.io account and follow these steps:

1. From your integrator.io home page, click the Greenhouse - Azure Active Directory Integration tile.
2. Navigate to Settings > Integration Flows > Flow.
3. Disable the On/Off toggle button next to the flow.

Delete a flow

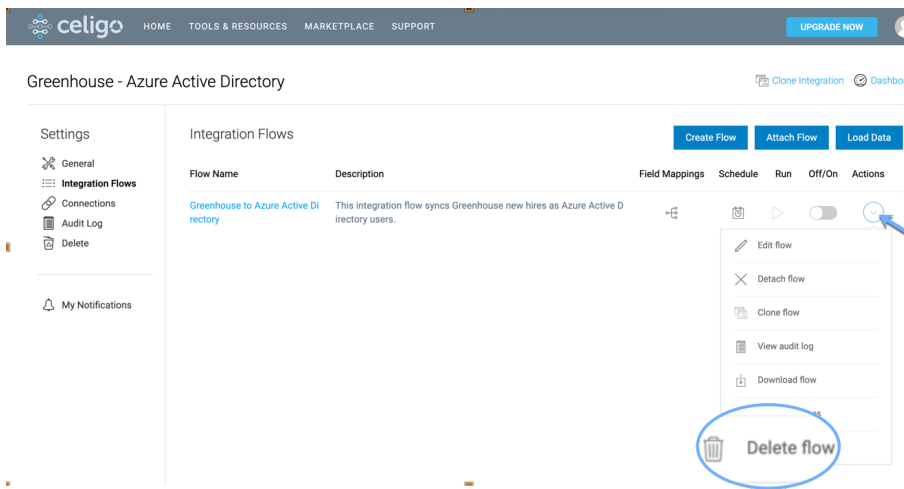
To delete a flow, login to your integrator.io account and follow these steps:

1. From your integrator.io home page, click the Greenhouse - Azure Active Directory Integration tile.
2. Navigate to **Settings > Integration Flows > Flow**.
3. Click the Actions dropdown next to each flow.
4. Click **Delete Flow**.
5. Click **Yes**.

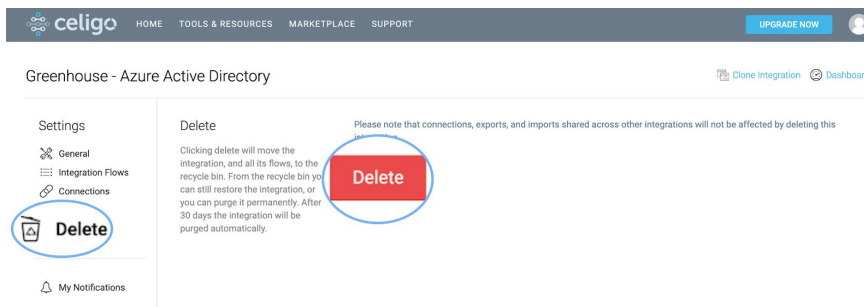
Uninstall your Greenhouse - Azure Active Directory Quickstart template

Once you've disabled and deleted all flows from your template, you need to follow the steps below to uninstall your template:

1. From your settings pane to the left, navigate to Integration Flows.
2. Click Actions next to an integration flow.
3. Click **Delete Flow**.
4. Click **yes**.



5. From the Settings pane to the left, navigate to **Delete**. Confirm that you want to delete the integration when prompted. Click



You've now uninstalled your Greenhouse - Azure Active Directory Quickstart template.

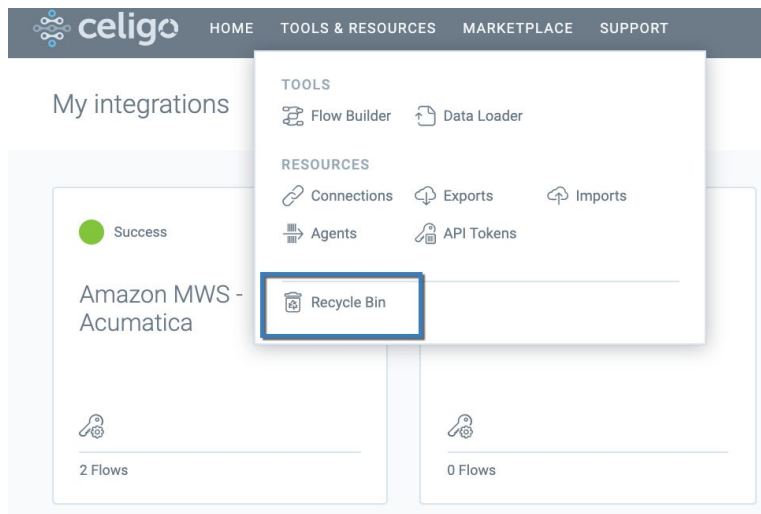
Restore your integration tile

- Notes:
 - You can restore your tile and configurations within 30 days of uninstallation.
 - The integrator.io platform will purge all data post the 30 day-period.

You can restore your integration tile from the integrator.io recycle bin.

To restore your integration tile:

1. From the menu bar to the top of your integrator.io account, click Tools & Resources.
2. Click on Recycle Bin.
3. Select Restore from the Actions dropdown next to your Greenhouse - Azure Active Directory Quickstart Integration tile.



Build your own flow using integrator.io

If you require custom integration flows, you can build your own with Celigo's [integrator.io](#) platform. [Celigo integrator.io Office Hours](#) are open to all users with an integrator.io account. Join our Solution Consultants and get expert assistance with your iPaaS questions.

Additional Resources

Now that you've installed your Quickstart template in your integrator.io account, understand how to configure and run your flows:

- To familiarize yourself with the Integration tile refer to the article [Understand how to use your integration tile](#)
- To know more about how to schedule or run a flow, refer to the article [Schedule or Run Data Flows](#)
- To know how to use the flow-dashboard, refer to the article [Understand your dashboards](#)
- To find your API sets on the Azure Active Directory v1.0 endpoint
 - Refer to your Microsoft Graph REST API v1.0 reference documentation to configure your [v1.0 endpoint](#).
 - To know more about authentication refer to the article on [Microsoft Graph Auth Overview](#)