

Configure SCIM with Entra ID

How to integrate Stack Overflow for Teams with the Entra ID identity provider.

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Tags | [SCIM](#) | [Provisioning](#) | [Azure](#) | [Entra ID](#) |

ADMIN PRIVILEGES REQUIRED

Applies to: [Free](#) [Basic](#) [Business](#) [Enterprise](#)

Enterprise users can access their documentation [here](#). [Find your plan](#).

A brief overview

SCIM is an open API for securely sharing user information between online systems. In Stack Overflow for Teams Basic and Business, SCIM 2.0 support allows an Identity Provider (IdP) to automatically update Stack Overflow with the user's activation status and/or role. This article details how to integrate Stack Overflow for Teams and the Entra ID IdP.

After following the [Entra ID Enterprise Application](#) instructions for setting up a SAML connection you will be able to set up SCIM provisioning for your application. Please note the SCIM provisioning limitations [here](#).

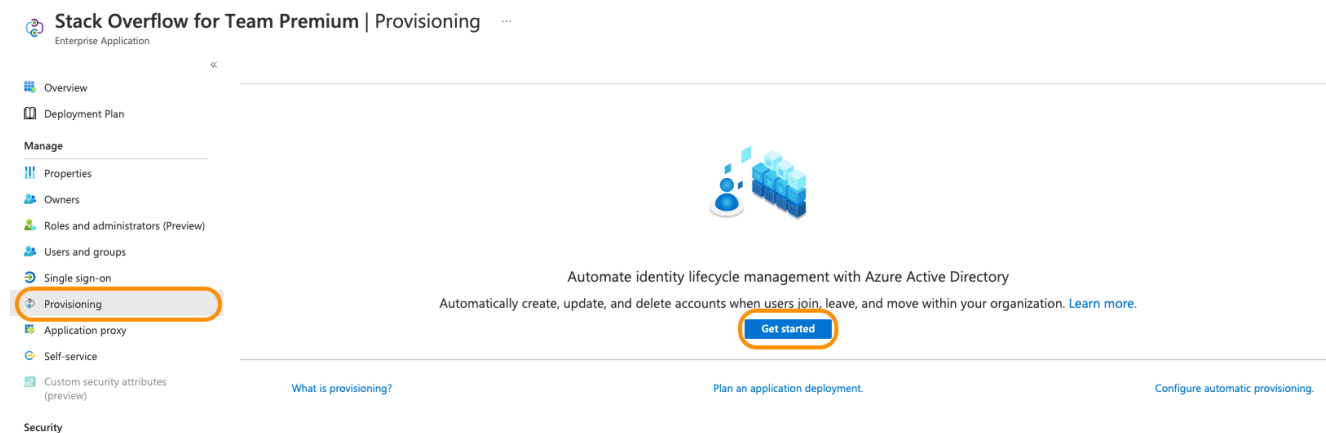
NOTE: Before October 2023, Entra ID was called Azure Active Directory (Azure AD).

THIS ARTICLE APPLIES TO STACK OVERFLOW FOR TEAMS BASIC AND BUSINESS ONLY.

Stack Overflow for Teams Enterprise users should read [this article](#) instead. [Find your plan](#).

1. Entra ID SCIM Setup for Stack Overflow for Teams

On Entra ID for the Stack Overflow application, in the left-hand menu click **Provisioning** then **Get started**.



Stack Overflow for Team Premium | Provisioning ...

Enterprise Application

Overview

Deployment Plan

Manage

Properties

Owners

Roles and administrators (Preview)

Users and groups

Single sign-on

Provisioning

Application proxy

Self-service

Custom security attributes (preview)

Security

Automate identity lifecycle management with Azure Active Directory

Automatically create, update, and delete accounts when **users** join, leave, and move within your organization. [Learn more](#).

Get started

What is provisioning?

Plan an application deployment.

Configure automatic provisioning.

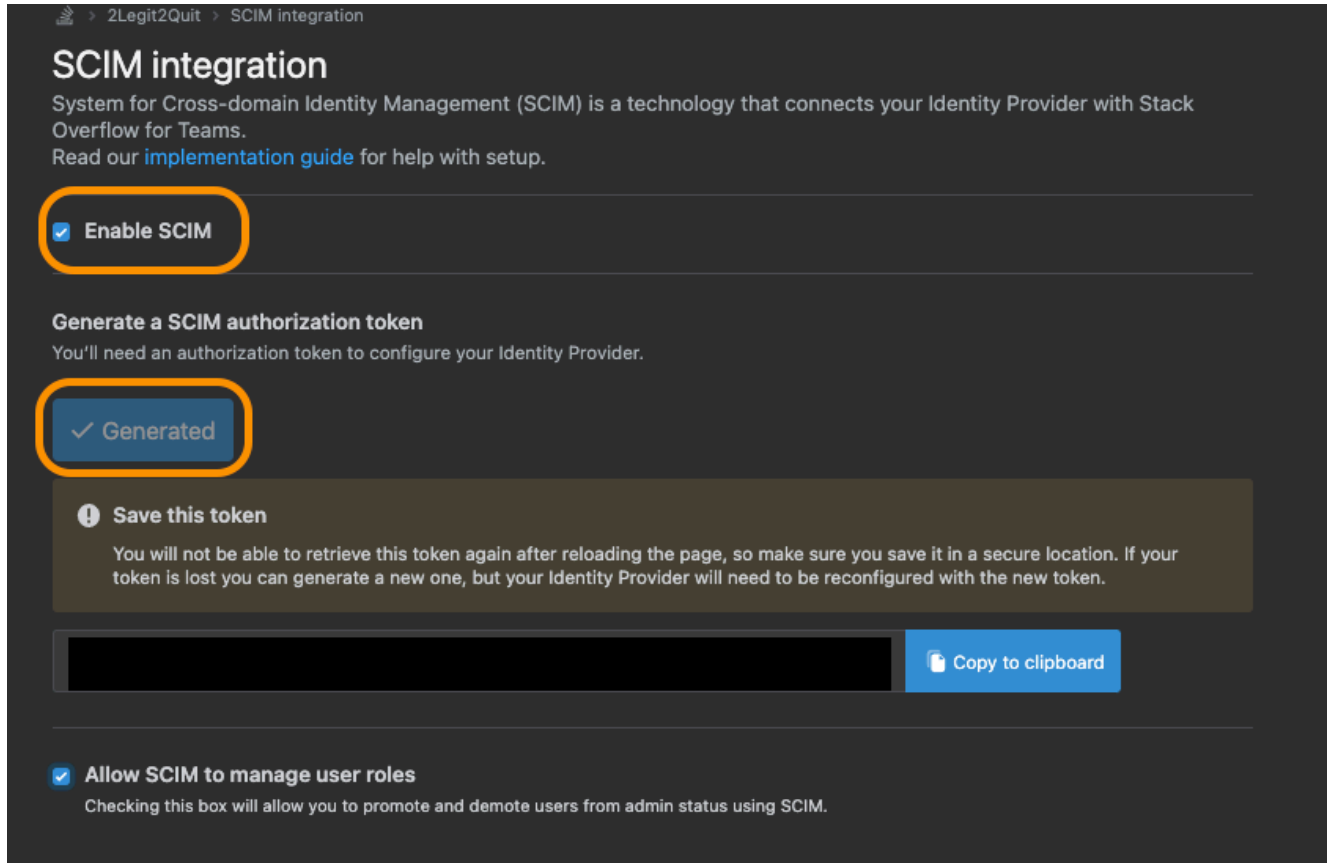
For **Provisioning Mode** select **Automatic**.

Enter the following for **Admin Credentials**:

Tenant URL [https://stackoverflowteams.com/c/\[your_site\]/auth/scim/v2](https://stackoverflowteams.com/c/[your_site]/auth/scim/v2)

Secret Token Generated Token on Stack Overflow (see instructions below).

In Stack Overflow Business, enable SCIM and generate a SCIM authorization token for your application at /c/[your_site]/admin/access/scim. Note that this token will only be visible when you generate it. If it's lost, you'll need to generate a new token and reconfigure your Entra ID application.



The screenshot shows the 'SCIM integration' page. At the top, there's a breadcrumb trail: '2Legit2Quit > SCIM integration'. The main heading is 'SCIM integration', followed by a description: 'System for Cross-domain Identity Management (SCIM) is a technology that connects your Identity Provider with Stack Overflow for Teams. Read our [implementation guide](#) for help with setup.'

Below this, there's a section with a checkbox labeled 'Enable SCIM', which is checked and highlighted with an orange circle. Underneath, it says 'Generate a SCIM authorization token' and 'You'll need an authorization token to configure your Identity Provider.'

Next is a button labeled '✓ Generated', also highlighted with an orange circle. Below this is a warning box with an exclamation mark icon, titled 'Save this token'. The text inside says: 'You will not be able to retrieve this token again after reloading the page, so make sure you save it in a secure location. If your token is lost you can generate a new one, but your Identity Provider will need to be reconfigured with the new token.'

Below the warning box is a text input field containing a long, blacked-out token. To the right of the input field is a blue button labeled 'Copy to clipboard' with a clipboard icon.

At the bottom, there's another checkbox labeled 'Allow SCIM to manage user roles', which is checked. Below it, a note says: 'Checking this box will allow you to promote and demote users from admin status using SCIM.'

Click **Test Connection**. A green checkmark should appear in **Tenant URL** on successful connection. Click **Save**.

Provisioning ...

 Save  Discard

Provisioning Mode

Automatic 


Use Azure AD to manage the creation and synchronization of user accounts in Stack Overflow for Team Premium based on user and group assignment.

Admin Credentials

Admin Credentials

Azure AD needs the following information to connect to Stack Overflow for Team Premium's API and synchronize user data.

Tenant URL * 



Patterns: https://*.com/scim, https://google.*.com/scim

Secret Token

2. Entra ID SCIM User Mapping

On "Mappings", you can set the mapping for users.

Mappings

Mappings

Mappings allow you to define how data should flow between Azure Active Directory and customappsso.

Name	Enabled
Provision Azure Active Directory Groups	Yes
Provision Azure Active Directory Users	Yes

☐ Restore default mappings

To prevent error messages, set **Target Object Actions** to just **Update**.

NOTE: Stack Overflow for Teams doesn't support Create or Delete actions via SCIM.

Configure the following attributes:

- **userName** The user ID (must match the **Display Name Assertion** provided in /admin/access/authentication).

- **active** (true/false) Determines whether or not the user should be deactivated or reactivated in Stack Overflow for Teams.
- Other required fields for SCIM (Entra ID usually maps these automatically):
 - **name.givenName**
 - **name.familyName**
 - **emails**
- **stackUserType** (optional) Allows you to change a user's role on your site. Values are **Registered**, **Moderator**, or **Admin**.

Save
 Discard

Name

Provision Azure Active Directory Users

Enabled

Yes No

Source Object

User

Source Object Scope

[All records](#)

Source Object

urn:ietf:params:scim:schemas:extension:enterprise:2.0:User

Target Object Actions

☐ Create

☒ Update

☐ Delete

Attribute Mappings

Attribute mappings define how attributes are synchronized between Azure Active Directory and customappsso

Azure Active Directory Attribute	customappsso Attribute	Matching precedence	Remove
userPrincipalName	userName	1	Delete
Switch([IsSoftDeleted], , "False", "True", "True", "False")	active		Delete
displayName	displayName		Delete
jobTitle	title		Delete
mail	emails[type eq "work"].value		Delete
preferredLanguage	preferredLanguage		Delete
givenName	name.givenName		Delete
surname	name.familyName		Delete
Join(" ", [givenName], [surname])	name.formatted		Delete
physicalDeliveryOfficeName	addresses[type eq "work"].formatted		Delete
streetAddress	addresses[type eq "work"].streetAddress		Delete
city	addresses[type eq "work"].locality		Delete
state	addresses[type eq "work"].region		Delete
postalCode	addresses[type eq "work"].postalCode		Delete
country	addresses[type eq "work"].country		Delete
telephoneNumber	phoneNumbers[type eq "work"].value		Delete
mobile	phoneNumbers[type eq "mobile"].value		Delete
facsimileTelephoneNumber	phoneNumbers[type eq "fax"].value		Delete
mailNickname	externalid		Delete

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