Configure System for Cross-domain Identity Management (SCIM) with Microsoft Entra ID

How to set up Stack Overflow for Teams Enterprise for Entra ID SCIM 2.0 provisioning.

Document generated 12/06/2024

PDF VERSION

Tags | **Provisioning** | **Azure** | **SCIM** | **Security** | **Entra ID** |

Applies to: Free Basic Business **Enterprise**

ADMIN PRIVILEGES REQUIRED

*This documentation is for **Stack Overflow for Teams Enterprise**. Free, Basic, and Business users can access their documentation here. Find your plan.*

Overview

System for Cross-domain Identity Management (SCIM) is an open API for securely sharing user information between online systems. In Stack Overflow for Teams Enterprise (SOE), SCIM 2.0 support allows an Identity Provider (IdP) to automatically update Stack Overflow with the user's activation status and/or role. Unlike SAML 2.0, which passes user information only at login, SCIM sends updates whenever they occur. This provides SOE near-real-time updates to user status and role as changes happen at the IdP.

This article covers integrating Microsoft Entra ID and your SOE site with SCIM. For a better understanding of using SCIM with SOE, read our SCIM 2.0 support article.

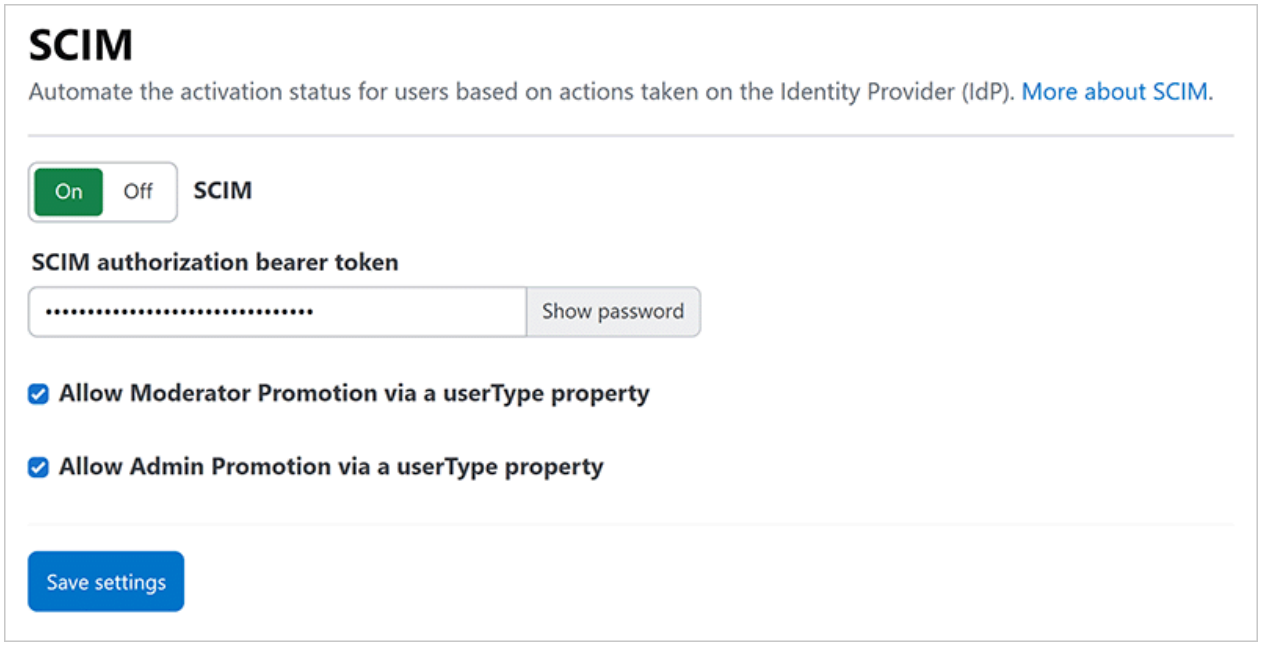
***NOTE:** Before you can configure SCIM for Entra ID, you must have an Entra ID Enterprise application for your SOE site. If you haven't yet configured a SAML Entra ID Enterprise application, follow the instructions in the SSO with Microsoft Entra ID article.*

When setting up SCIM, you'll configure Entra ID and your SOE site in a back-and-forth process. We recommend having a browser tab open to each site.

THIS ARTICLE APPLIES TO STACK OVERFLOW FOR TEAMS ENTERPRISE ONLY.
Other Stack Overflow for Teams users should read this article instead. Find your plan.

Configure SCIM on SOE

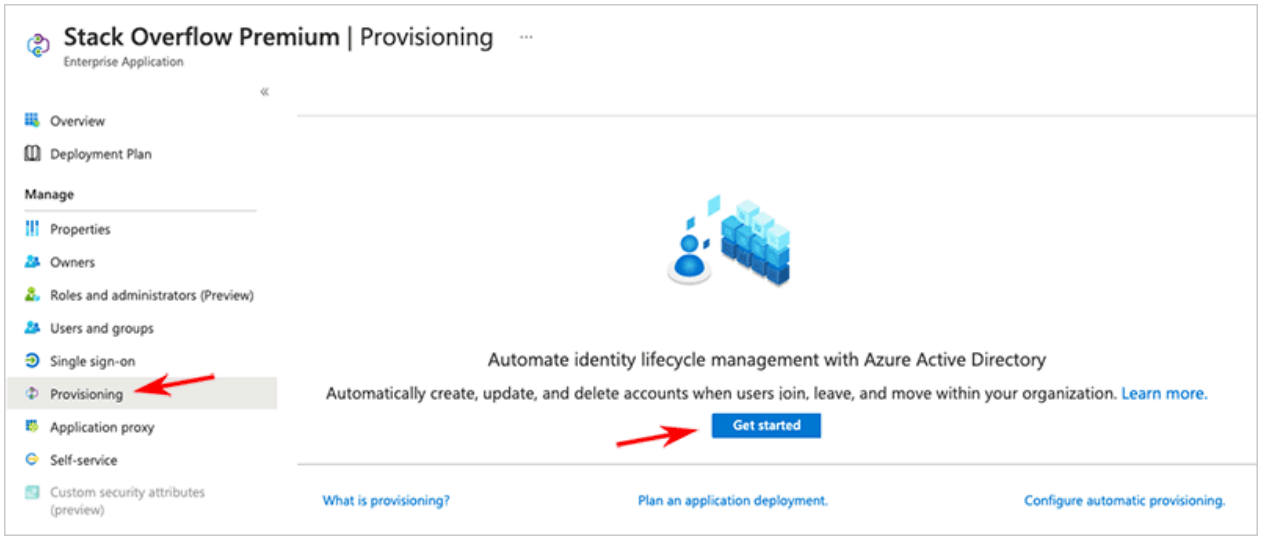
1. As an SOE admin, click **Admin Settings** in the left-hand menu. Click **SCIM** under the "ACCESS MANAGEMENT" heading.



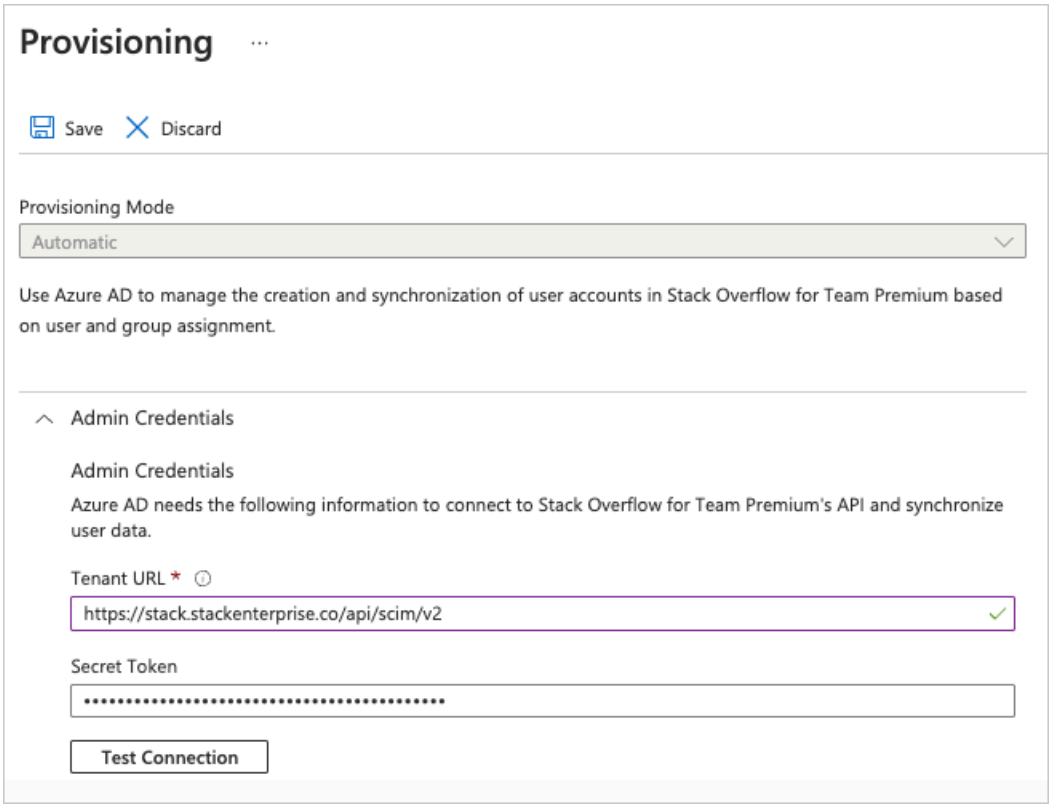
2. Configure the following settings:
    - **SCIM** Set to **On** to enable SCIM.
    - **SCIM authorization bearer token** Create a token (password) you'll later enter into the SCIM configuration on Entra ID. You can enter any string of characters, but be sure to follow best practices for creating a strong password. SOE hides the value by default. Click **Show password** to view and copy the value.
    - **Allow Moderator Promotion via a userType property** Check this box to enable SCIM promotion/demotion between regular user and moderator roles.
    - **Allow Admin Promotion via a userType property** Check this box to enable SCIM promotion/demotion between regular user and admin roles.
3. Click **Save settings**.

Configure Entra ID

1. On Entra ID, open your Stack Overflow Enterprise application.
2. Click **Provisioning** in the left-hand menu, then **Get started**.



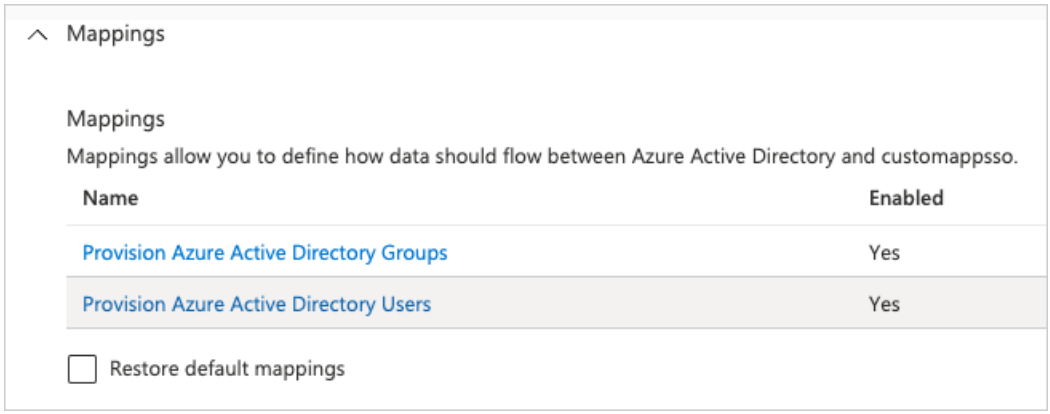
3. Set **Provisioning Mode** to **Automatic**.
4. Enter the following for Admin Credentials:
    - **Tenant URL** Set to https://[your_site]/api/scim/v2.
    - **Secret Token** Paste the authorization bearer token you created on the SOE SCIM page.
5. Click **Test Connection**. A green checkmark will appear in **Tenant URL** if the connection is successful.
6. Click **Save**.



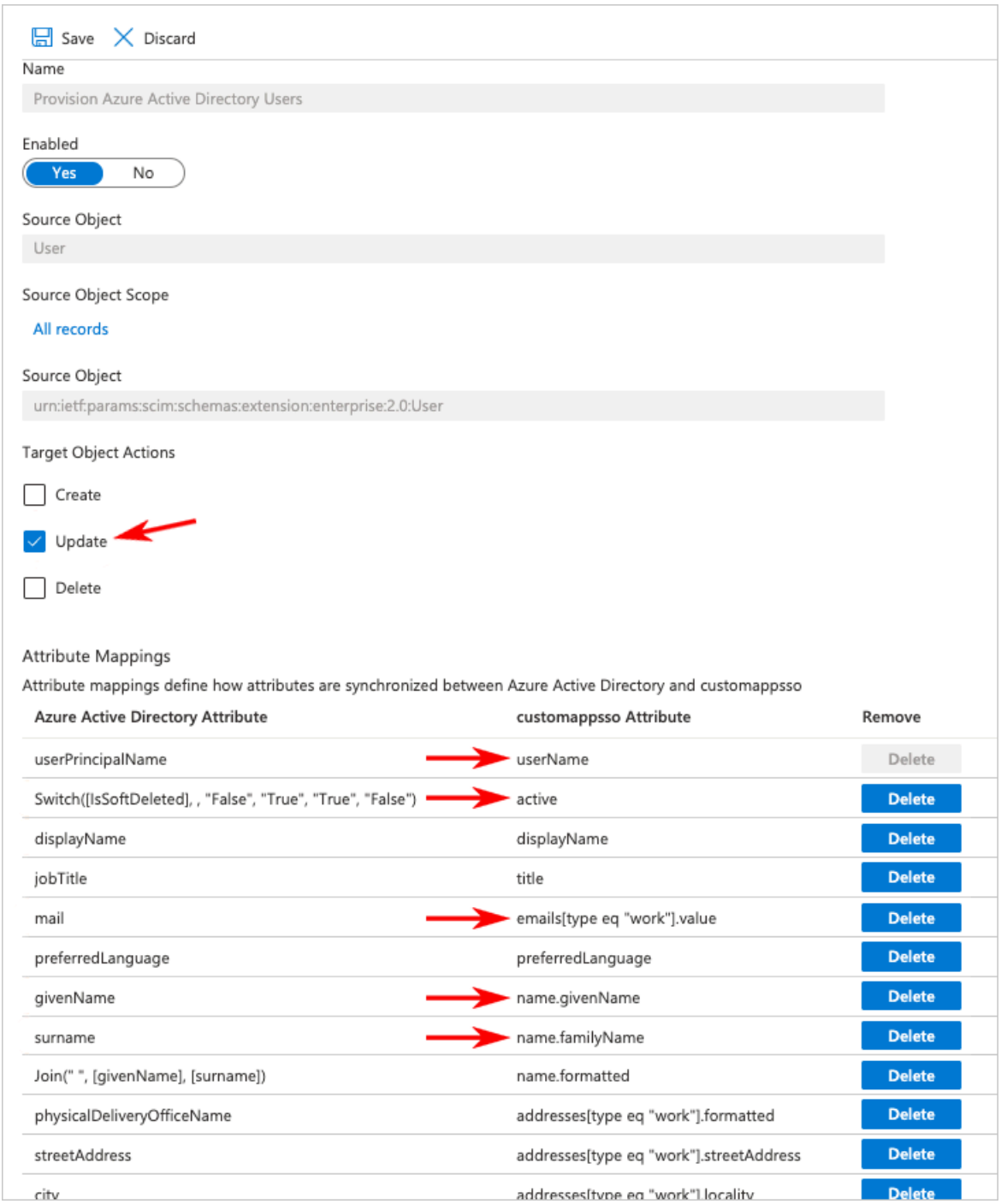
Configure Entra ID SCIM user mapping

User mapping lets you define which SOE users SCIM will affect.

1. Go to the Entra ID application's Mappings page. Set mapping at the group or user level by clicking **Provision Azure Active Directory Groups** or **Provision Azure Active Directory Users** respectively.



2. On the provisioning configuration page, set **Target Object Actions** to **Update**.



NOTE: *SOE doesn't support the creation or deletion of users via SCIM.*

3. Configure the following attributes:

   - `userName` Set this to the **Display Name Assertion** from your SOE SAML 2.0 authentication settings (check this value by clicking **Admin Settings**, then **Authentication**, then **Configure SAML 2.0** in SOE).
   - `active` (**true/false**) Determines whether the user should be deactivated or reactivated in SOE.
   - **Other required fields for SCIM** `name.givenName`, `name.familyName`, `emails` (Entra ID should map these by default.)

4. Click **Save**.

NOTE: *Microsoft Entra ID SCIM doesn't support user role promotion or demotion.*