Enabling SSO via SAML with Confluent Cloud

# Introduction

Confluent Cloud currently supports SAML SSO integration, and to achieve this, Azure AD is utilized as the Identity and Access Management (IAM) solution.

In the context of Scania, enabling SAML-based SSO requires raising a ticket with the Microsoft Entra team. The Jira link for this request is here.

# Required Information for Microsoft Entra Team

The following two URLs need to be provided to the Microsoft Entra team:

Assertion Consumer Service URL

Entity ID

These URLs are generated from the Confluent Cloud SSO enablement page.

# Prerequisites

Ensure that you have organizational admin privileges to enable SSO in Confluent Cloud.

# Steps to Enable SSO

1. Log into Confluent Cloud using your credentials with organizational admin privilege at [https://login.confluent.io](https://login.confluent.io/).
2. Click on the top-left menu and select "Account & Access." A screenshot of a computer

   Description automatically generated
3. Choose "Single Sign-On" and create a unique SSO identifier, which must be globally unique. A screenshot of a computer

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4. Proceed to the next step, copy the two URLs (Assertion URL and Entity ID), and provide them to the Microsoft Entra team. Wait for them to provide the SAML XML.
5. Once you have the SAML XML, click on next, upload the SAML XML file. A screenshot of a computer

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6. Click submit. SSO is now enabled, and you can copy the SSO URL, which allows anyone within scope to access Confluent resources without the invite method:.
7. With SSO enabled, anyone with access can use this URL to log in via SSO.

# Customer Access via SSO

1. Each customer needs to create a ServiceNow request to generate a security group.
2. Once the group is created, request the Microsoft Entra team to add the group for accessing Confluent resources.
3. Access to Confluent resources will depend on Role-Based Access Controls (RBACs) mapped in Confluent Cloud against the security group.

For detail about group mapping to confluent resource, please refer the below document.

<https://docs.confluent.io/cloud/current/access-management/authenticate/sso/group-mapping/overview.html>