# Microsoft Azure Authentication

## Overview

The Alchemer Microsoft Azure integration uses a Shared Access Signature (SAS) URL to authenticate. A SAS URL grants secure, time-bound access to your Azure Blob Storage container, allowing Alchemer to upload files per survey response.

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**What You Need**

- A valid SAS URL with **Read** & **Write** permission for the target Blob Storage container.

## How to Get Your Microsoft Azure SAS URL

**1. Steps for creating a SAS URL**

1. Open the Azure Portal and navigate to your **Storage Account**.

2. Select **Blob Service → Containers**.

3. Choose the container you want to use with Alchemer.

4. Select **Shared access tokens** (or "Generate SAS").

5. Set the required permissions:
   - **Write** — required
   - **Create** — recommended
   - **Read** — optional but helpful

6. Set a secure expiration date based on your organization's policy.

7. Click **Generate SAS token and URL**.

8. Copy the generated **SAS URL**.

Need more help? Click here for Microsoft Azure's SAS documentation.

# Authenticate Microsoft Azure in Alchemer

After generating your SAS URL, add it to the Alchemer Microsoft Azure integration. Credentials are securely stored in Alchemer and can be reused across all Azure actions.

## How to Authenticate

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### 1. Start a New Authentication

- Inside any Microsoft Azure integration action, select **New Authentication**.

### 2. Enter Your Microsoft Azure Credentials

Provide the following:

- **SAS URL** — the full SAS URL including token parameters (starts with `https://...`)

### 3. Save Your Authentication

- Select **Create**.
- Once created:
  - The authentication is saved and reused for all Microsoft Azure actions.
  - You only need to update it if your SAS URL expires or permissions change.

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