

# Key-pair Authentication For Alchemer Survey Snowflake Integration

## Connect Alchemer to Snowflake with Key Pair Authentication

Alchemer now offers secure Snowflake integrations using **key pair authentication**, allowing you to connect feedback to your data warehouse more securely and reliably.

Whether you're pushing new data, retrieving existing records, or keeping your Snowflake tables updated, our new integrations help you automate feedback flows between Alchemer and Snowflake with ease.

If you are not using key-pair, please refer to our [Alchemer Survey Snowflake Integration](#) or our [Alchemer Workflow Snowflake Integration](#) help docs.

## About key pair authentication

Key pair authentication is a secure method for connecting to Snowflake without needing to store passwords. Instead, it uses public/private key cryptography for enhanced security and automation. Learn more from [Snowflake's official documentation](#).

## Setup prerequisites

Before you begin, ensure the following is in place:

- A Snowflake account with access to your target tables
- A **generated key pair** (private key stored securely; public key added to your Snowflake user)
- Your **account identifier, user, and warehouse name**

Refer to [Snowflake's guide on configuring key pair authentication](#) for help generating and applying keys.

## Available Snowflake integrations

The following Snowflake integrations are available via **key pair authentication**:

- **Push to Table:** Insert data from Alchemer into a Snowflake table
- **Update Row:** Update specific rows in an existing Snowflake table
- **Upsert Row:** Insert a new row or update if the row already exists

- **Get Data:** Retrieve a row of data from a Snowflake table

All integrations are available in the **US, CA, and EU** regions.

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## Using Snowflake integrations in Alchemer Workflow

In Alchemer Workflow, Snowflake integrations allow you to automate data flows as part of your broader feedback programs. For example, you can:

- Automatically **insert** survey responses into Snowflake
- **Update or upsert** CRM-related data based on survey results
- Use Snowflake data to **trigger actions** or branches within your workflow

### How to set up

Navigate to **Alchemer Workflow** and select your project or create a new one.

Add a new **step** and choose the **Snowflake (Key-Pair)** connector.

Select your desired action:

- **Push to Table:** jump to section
  - **Update Row:** jump to section
  - **Upsert Row:** jump to section
  - **Get Data:** jump to section
- 

### Snowflake | Get Data

1. Select action: Get data.

## Configure Action

PRIMARY SETUP LOGIC ADVANCED

< Back

### Select Action

Select the action you would like to perform.

#### Push to Table (basic authentication)

Insert Row into a Snowflake Table (basic authentication)

#### Get Data (basic authentication)

Get Data from Snowflake Table (basic authentication)

#### Get data

Get data from a Snowflake table (key-pair authentication)

#### Push to table

Push data to a Snowflake table (key-pair authentication)

#### Update row

Update row in a Snowflake table (key-pair authentication)

#### Upsert row

Upsert row in a Snowflake table (key-pair authentication)

Cancel

Next

### You will need:

- Key-pair authentication set up in Snowflake
- Fields in the survey that contain the data you want to use to query for the specific row in a Snowflake table to get data back.
- Fields in your survey to store the data you get back from Snowflake

## Configure Integration

PRIMARY SETUP

### Snowflake | Get data

Get data from a Snowflake table using key-pair authentication

**You will need:**

- Key-pair authentication set up in Snowflake
- Fields in this workflow that contain the data you want to use to query for the specific row in a Snowflake table to get data back
- Select and confirm the data that you would like returned in the workflow

Need help? [Learn more](#)

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2. Connect your Snowflake account.

## Configure Integration

PRIMARY SETUP

### Snowflake | Authentication

Connect to your Snowflake account

 Snowflake connected  
My Snowflake Auth

Warehouse, database, schema and role are not used from the auth. You will select them on the following screens.

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3. Select the Snowflake database you would like to use from the dropdown.

### Configure Integration

PRIMARY SETUP

#### Snowflake | Select database

Select the Snowflake database you would like to use from the dropdown

Select database\*

Previous **Next**

4. Select the Snowflake schema you would like to use from the dropdown.

### Edit Action

PRIMARY SETUP LOGIC ADVANCED

#### Snowflake | Select schema

Select the Snowflake schema you would like to use from the dropdown

Select schema\*

Previous **Next**

5. Select the Snowflake table you would like to use from the dropdown.

### Edit Action

PRIMARY SETUP LOGIC ADVANCED

#### Snowflake | Select table

Select the Snowflake table you would like to use from the dropdown

Select table\*

VANWESTENDORP

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6. Choose the survey data you want to use to find a row in your Snowflake table.

### Edit Action

PRIMARY SETUP LOGIC ADVANCED

#### Snowflake | Find row

Choose the survey data you want to use to find a row in your Snowflake table

Use this Alchemer field value to match this Snowflake field

Question   1. Input 1 (id: 2)	Snowflake   CITY	🗑️
Question   2. Input 2 (id: 3)	Snowflake   COUNTRY	🗑️

Add a new mapping

Selected operator\*

AND

Depending on the operator chosen below, each field will be separated by the OR, or the AND operator.

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7. Select the fields you would like to get back from Snowflake.

### Edit Action

PRIMARY SETUP LOGIC ADVANCED

#### Snowflake | Get data back

Select the fields you would like to get back from Snowflake

Use this Snowflake field To update this Alchemer survey field

Action | Metadata | message Question | 4. Message (id: 5)

Add a new mapping

**Note:**

- This will only return the first row of data from Snowflake, ordered by the first column ascending.
- The raw response will include up to 10 rows. You can parse the raw response with a script in your survey.

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8. Setup complete.

## Edit Action

PRIMARY SETUP LOGIC ADVANCED

### Snowflake | Setup complete

A log of each run result can be found in the Individual Responses > Action Log

A status code is available in the action metadata:

*200: A single row was successfully found*

*201: Query ran successfully, but no rows were found*

*202: More than one row was found. The first row is used for the values returned to Alchemer*

*400: The external integration returned an error*



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Save

## Snowflake | Upsert row

1. Select action: Upsert row.

## Configure Action

PRIMARY SETUP LOGIC ADVANCED

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### Select Action

Select the action you would like to perform.

**Push to Table (basic authentication)**

Insert Row into a Snowflake Table (basic authentication)

**Get Data (basic authentication)**

Get Data from Snowflake Table (basic authentication)

**Get data**

Get data from a Snowflake table (key-pair authentication)

**Push to table**

Push data to a Snowflake table (key-pair authentication)

**Update row**

Update row in a Snowflake table (key-pair authentication)

**Upsert row**

Upsert row in a Snowflake table (key-pair authentication)

Cancel

Next

You will need:

- Key-pair authentication set up in Snowflake
- Fields in the survey that contain the data you want to use to find a row in your Snowflake table
- Fields in your survey that contain the data you want to use to upsert a row in your Snowflake table

## Edit Action

PRIMARY SETUP LOGIC ADVANCED

### Snowflake | Upsert row

Upsert row in a Snowflake table using key-pair authentication

**You will need:**

- Key-pair authentication set up in Snowflake
- Fields in this survey that contain the data you want to use to find a row in your Snowflake table
- Fields in this survey that contain the data you want to use to upsert a row in your Snowflake table

Need help? [Learn more](#)

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## 2. Connect your Snowflake account.

## Edit Action

PRIMARY SETUP LOGIC ADVANCED

### Snowflake | Authentication

Connect to your Snowflake account

 Snowflake connected  
My Snowflake Auth

Warehouse, database, schema and role are not used from the auth. You will select them on the following screens.

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3. Select the Snowflake database you would like to use from the dropdown.

The screenshot shows a configuration interface titled "Edit Action" with three tabs: "PRIMARY SETUP", "LOGIC", and "ADVANCED". The "PRIMARY SETUP" tab is active. Below the tabs, the section is titled "Snowflake | Select database" with the instruction "Select the Snowflake database you would like to use from the dropdown". A dropdown menu labeled "Select database\*" contains the text "TS\_DEMO" and a downward arrow. At the bottom left, there is a progress indicator with five dots, the second of which is filled. At the bottom right, there are "Previous" and "Next" buttons, with "Next" being highlighted in a dark teal color.

4. Select the Snowflake schema you would like to use from the dropdown.

### Edit Action

PRIMARY SETUP LOGIC ADVANCED

#### Snowflake | Select schema

Select the Snowflake schema you would like to use from the dropdown

Select schema\*

PUBLIC

Previous Next

5. Select the Snowflake table you would like to use from the dropdown.

### Edit Action

PRIMARY SETUP LOGIC ADVANCED

#### Snowflake | Select table

Select the Snowflake table you would like to use from the dropdown

Select table\*

VANWESTENDORP

Previous Next

6. Choose the survey data you want to use to find a row in your Snowflake table.

### Edit Action

PRIMARY SETUP LOGIC ADVANCED

#### Snowflake | Find row

Choose the survey data you want to use to find a row in your Snowflake table

**WARNING:**  
*ALL matching rows will be updated. Please ensure your selections and input data will identify the row(s) you want to update.*

Use this Alchemer field value to match this Snowflake field

Question   1. Input 1 (id: 2)	Snowflake   CITY	🗑️
Question   2. Input 2 (id: 3)	Snowflake   COUNTRY	🗑️

Add a new mapping

**Selected operator\***

AND

*Depending on the operator chosen below, each field will be separated by the OR, or the AND operator.*

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7. Choose the survey data you want to use to upsert a row in your Snowflake table. This will either update a row if the data matches or create a new row.

## Edit Action

PRIMARY SETUP LOGIC ADVANCED

### Snowflake | Upsert row in table

Choose the survey data you want to use to upsert a row in your Snowflake table. This will either update a row if the data matches or create a new row.

Use this Alchemer field value

to update this Snowflake field

Question | 3. Update (id: 7)

Snowflake | LANGUAGE

Add a new mapping



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8. Select the fields that you would like to get back.

### Edit Action

PRIMARY SETUP LOGIC ADVANCED

#### Snowflake | Get data back

Select the fields that you would like to get back

Use this field To update this Alchemer survey field

Action | Metadata | message Question | 4. Message (id: 5) 🗑️

Add a new mapping

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## 9. Setup complete.

### Edit Action

PRIMARY SETUP LOGIC ADVANCED

#### Snowflake | Setup complete

A log of each run result can be found in the Individual Responses > Action Log

A status code is available in the action metadata:

- 200: Successfully inserted row.
- 201: Query ran successfully. No rows updated.
- 202: Successfully updated X row(s).
- 400: The external integration returned an error.

Previous Save

# Snowflake | Update row

1. Select action: Update row.

## Configure Action

PRIMARY SETUP LOGIC ADVANCED

< Back

### Select Action

Select the action you would like to perform.

**Push to Table (basic authentication)**  
Insert Row into a Snowflake Table (basic authentication)

**Get Data (basic authentication)**  
Get Data from Snowflake Table (basic authentication)

**Get data**  
Get data from a Snowflake table (key-pair authentication)

**Push to table**  
Push data to a Snowflake table (key-pair authentication)

**Update row**  
Update row in a Snowflake table (key-pair authentication)

**Upsert row**  
Upsert row in a Snowflake table (key-pair authentication)

Cancel Next

You will need:

- Key-pair authentication set up in Snowflake
- Fields in the survey that contain the data you want to use to find a row in your Snowflake table
- Fields in your survey that contain the data you want to use to update the row in your Snowflake table

## Edit Action

PRIMARY SETUP LOGIC ADVANCED

### Snowflake | Update row

Update row in a Snowflake table using key-pair authentication

**You will need:**

- Key-pair authentication set up in Snowflake
- Fields in this survey that contain the data you want to use to find a row in your Snowflake table
- Fields in this survey that contain the data you want to use to update the row in your Snowflake table

Need help? [Learn more](#)

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2. Connect your Snowflake account.

## Edit Action

PRIMARY SETUP LOGIC ADVANCED

### Snowflake | Authentication

Connect to your Snowflake account

 Snowflake connected  
My Snowflake Auth

Warehouse, database, schema and role are not used from the auth. You will select them on the following screens.

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3. Select the Snowflake database you would like to use from the dropdown.

### Edit Action

PRIMARY SETUP LOGIC ADVANCED

#### Snowflake | Select database

Select the Snowflake database you would like to use from the dropdown

Select database\*

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Previous **Next**

4. Select the Snowflake schema you would like to use from the dropdown.

### Edit Action

PRIMARY SETUP LOGIC ADVANCED

#### Snowflake | Select schema

Select the Snowflake schema you would like to use from the dropdown

Select schema\*

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Previous **Next**

5. Select the Snowflake table you would like to use from the dropdown.

### Edit Action

PRIMARY SETUP LOGIC ADVANCED

#### Snowflake | Select table

Select the Snowflake table you would like to use from the dropdown

Select table\*

VANWESTENDORP

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6. Choose the survey data you want to use to find a row in your Snowflake table.

## Edit Action

PRIMARY SETUP
LOGIC
ADVANCED

### Snowflake | Find row

Choose the survey data you want to use to find a row in your Snowflake table

**WARNING:**  
*ALL matching rows will be updated. Please ensure your selections and input data will identify the row(s) you want to update.*

Use this Alchemer field value to match this Snowflake field

Question   1. Input 1 (id: 2) <span style="float: right;">▼</span>	Snowflake   CITY <span style="float: right;">▼</span>	
Question   2. Input 2 (id: 3) <span style="float: right;">▼</span>	Snowflake   COUNTRY <span style="float: right;">▼</span>	

[Add a new mapping](#)

**Selected operator\***

AND
▼

*Depending on the operator chosen below, each field will be separated by the OR, or the AND operator.*

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Next

7. Choose the survey data you want to use to update a row in your Snowflake table.

## Edit Action

PRIMARY SETUP
LOGIC
ADVANCED

### Snowflake | Update row in table

Choose the survey data you want to use to update a row in your Snowflake table

Use this Alchemer field value to update this Snowflake field

Question   3. Update (id: 7) <span style="float: right;">▼</span>	Snowflake   LANGUAGE <span style="float: right;">▼</span>	
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[Add a new mapping](#)

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Next

8. Select the fields that you would like to get back.

### Edit Action

PRIMARY SETUP LOGIC ADVANCED

#### Snowflake | Get data back

Select the fields that you would like to get back

Use this field To update this Alchemer survey field

Action   Metadata   message	Question   4. Message (id: 5)	
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Add a new mapping

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9. Setup complete.

## Edit Action

PRIMARY SETUP LOGIC ADVANCED

### Snowflake | Setup complete

A log of each run result can be found in the Individual Responses > Action Log

A status code is available in the action metadata:

200: A single row was successfully found

201: Query ran successfully, but no rows were found

202: More than one row was found. The first row is used for the values returned to Alchemer

400: The external integration returned an error



Previous

Save

## Snowflake | Push to table

1. Select action: Push to table.

## Configure Action

PRIMARY SETUP LOGIC ADVANCED

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### Select Action

Select the action you would like to perform.

#### Push to Table (basic authentication)

Insert Row into a Snowflake Table (basic authentication)

#### Get Data (basic authentication)

Get Data from Snowflake Table (basic authentication)

#### Get data

Get data from a Snowflake table (key-pair authentication)

#### Push to table

Push data to a Snowflake table (key-pair authentication)

#### Update row

Update row in a Snowflake table (key-pair authentication)

#### Upsert row

Upsert row in a Snowflake table (key-pair authentication)

Cancel

Next

You will need:

- Key-pair authentication set up in Snowflake
- Fields in the survey that contain the data you want to use to insert into your Snowflake table

## Edit Action

PRIMARY SETUP LOGIC ADVANCED

### Snowflake | Push to table

Push data to a Snowflake table using key-pair authentication

**You will need:**

- Key-pair authentication set up in Snowflake
- Fields in this survey that contain the data you want to use to insert into your Snowflake table

Need help? [Learn more](#)

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2. Connect your Snowflake account.

## Edit Action

PRIMARY SETUP LOGIC ADVANCED

### Snowflake | Authentication

Connect to your Snowflake account

 Snowflake connected  
My Snowflake Auth

Warehouse, database, schema and role are not used from the auth. You will select them on the following screens.

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3. Select the Snowflake database you would like to use from the dropdown.

### Edit Action

PRIMARY SETUP LOGIC ADVANCED

#### Snowflake | Select database

Select the Snowflake database you would like to use from the dropdown

Select database\*

TS\_DEMO

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4. Select the Snowflake schema you would like to use from the dropdown.

### Edit Action

PRIMARY SETUP LOGIC ADVANCED

#### Snowflake | Select schema

Select the Snowflake schema you would like to use from the dropdown

Select schema\*

PUBLIC

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5. Select the Snowflake table you would like to use from the dropdown.

### Edit Action

PRIMARY SETUP LOGIC ADVANCED

#### Snowflake | Select table

Select the Snowflake table you would like to use from the dropdown

Select table\*

VANWESTENDORP

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6. Choose the survey data you want to use to insert a row in your Snowflake table.

### Edit Action

PRIMARY SETUP LOGIC ADVANCED

#### Snowflake | Insert row into table

Choose the survey data you want to use to insert a row into your Snowflake table

Use this Alchemer field value to update this Snowflake field

Question   1. Input 1 (id: 2)	Snowflake   CITY	🗑️
Question   2. Input 2 (id: 3)	Snowflake   COUNTRY	🗑️

Add a new mapping

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7. Select the fields you would like to get back from Snowflake.

### Edit Action

PRIMARY SETUP LOGIC ADVANCED

#### Snowflake | Get data back

Select the fields that you would like to get back

[Use this field](#) [To update this Alchemer survey field](#)

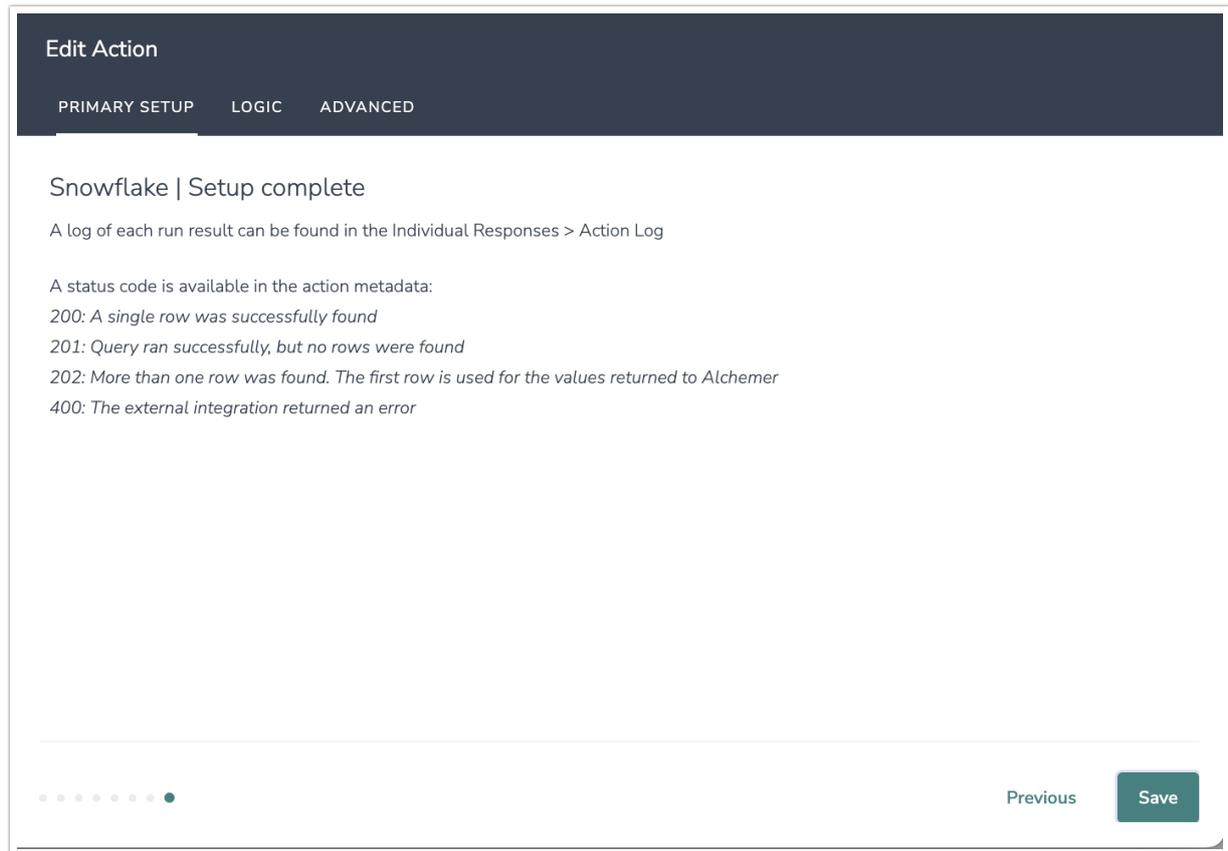
Action   Metadata   message	Question   4. Message (id: 5)	
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Add a new mapping

Progress indicator: 10 dots, 6th dot highlighted

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8. Setup complete.



## Using Snowflake integrations in Alchemer Survey

With Alchemer Survey, you can connect a Snowflake integration directly to a survey action. This allows you to:

- **Send** respondent data to a Snowflake table when a survey is submitted
- **Update or upsert** rows based on a respondent ID or lookup value
- **Retrieve** data from Snowflake to personalize the survey experience

### How to set up

Open your survey and navigate to the survey **Actions** tab.

Click **Add Action** and select **Snowflake (Key-Pair)** integration.

Choose one of the available options:

- **Push to Table**: jump to section
- **Update Row**: jump to section
- **Upsert Row**: jump to section
- **Get Data**: jump to section

# Snowflake | Get Data

1. Select action: Get data.

### Configure Action

PRIMARY SETUP LOGIC ADVANCED

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#### Select Action

Select the action you would like to perform.

**Push to Table (basic authentication)**  
Insert Row into a Snowflake Table (basic authentication)

**Get Data (basic authentication)**  
Get Data from Snowflake Table (basic authentication)

**Get data**  
Get data from a Snowflake table (key-pair authentication)

**Push to table**  
Push data to a Snowflake table (key-pair authentication)

**Update row**  
Update row in a Snowflake table (key-pair authentication)

**Upsert row**  
Upsert row in a Snowflake table (key-pair authentication)

Cancel Next

You will need:

- Key-pair authentication set up in Snowflake
- Fields in the survey that contain the data you want to use to query for the specific row in a Snowflake table to get data back.
- Fields in your survey to store the data you get back from Snowflake

## Edit Action

PRIMARY SETUP LOGIC ADVANCED

### Snowflake | Get data

Get data from a Snowflake table using key-pair authentication

**You will need:**

- Key-pair authentication set up in Snowflake
- Fields in this survey that contain the data you want to use to query for the specific row in a Snowflake table to get data back
- Fields in your survey to store the data you get back from Snowflake

Need help? [Learn more](#)

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## 2. Connect your Snowflake account.

## Edit Action

PRIMARY SETUP LOGIC ADVANCED

### Snowflake | Authentication

Connect to your Snowflake account

 Snowflake connected  
My Snowflake Auth

Warehouse, database, schema and role are not used from the auth. You will select them on the following screens.

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3. Select the Snowflake database you would like to use from the dropdown.

### Edit Action

PRIMARY SETUP LOGIC ADVANCED

#### Snowflake | Select database

Select the Snowflake database you would like to use from the dropdown

Select database\*

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4. Select the Snowflake schema you would like to use from the dropdown.

### Edit Action

PRIMARY SETUP LOGIC ADVANCED

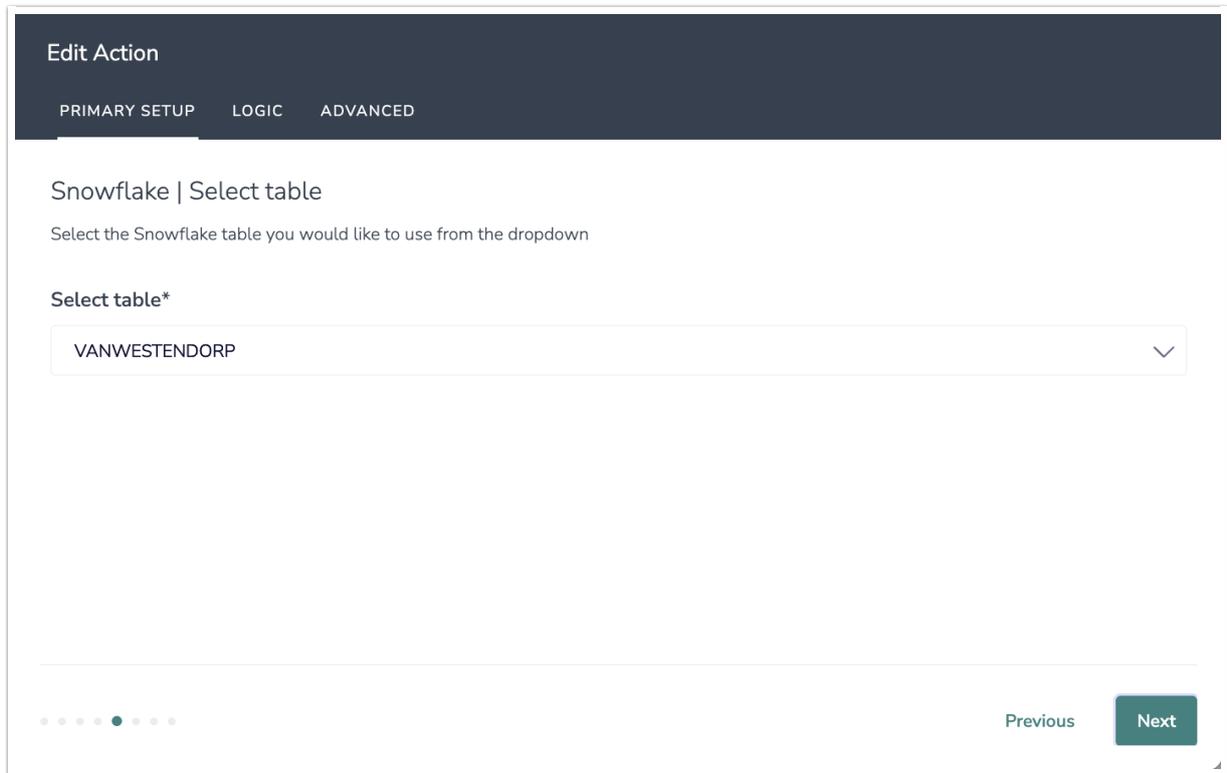
#### Snowflake | Select schema

Select the Snowflake schema you would like to use from the dropdown

Select schema\*

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5. Select the Snowflake table you would like to use from the dropdown.



The screenshot shows a dark header bar with the text "Edit Action". Below the header, there are three tabs: "PRIMARY SETUP", "LOGIC", and "ADVANCED". The "PRIMARY SETUP" tab is active. The main content area is titled "Snowflake | Select table" and contains the instruction "Select the Snowflake table you would like to use from the dropdown". Below this is a dropdown menu labeled "Select table\*" with the value "VANWESTENDORP" selected. At the bottom of the form, there is a progress indicator with five dots, the third of which is filled, and two buttons: "Previous" and "Next".

6. Choose the survey data you want to use to find a row in your Snowflake table.

## Edit Action

PRIMARY SETUP LOGIC ADVANCED

### Snowflake | Find row

Choose the survey data you want to use to find a row in your Snowflake table

Use this Alchemer field value

to match this Snowflake field

Question | 1. Input 1 (id: 2)



Snowflake | CITY



Question | 2. Input 2 (id: 3)



Snowflake | COUNTRY



Add a new mapping

Selected operator\*

AND



Depending on the operator chosen below, each field will be separated by the OR, or the AND operator.



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7. Select the fields you would like to get back from Snowflake.

## Edit Action

PRIMARY SETUP LOGIC ADVANCED

### Snowflake | Get data back

Select the fields you would like to get back from Snowflake

Use this Snowflake field

To update this Alchemer survey field

Action | Metadata | message

Question | 4. Message (id: 5)



Add a new mapping

**Note:**

- This will only return the first row of data from Snowflake, ordered by the first column ascending.
- The raw response will include up to 10 rows. You can parse the raw response with a script in your survey.



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8. Setup complete.

## Edit Action

PRIMARY SETUP LOGIC ADVANCED

### Snowflake | Setup complete

A log of each run result can be found in the Individual Responses > Action Log

A status code is available in the action metadata:

*200: A single row was successfully found*

*201: Query ran successfully, but no rows were found*

*202: More than one row was found. The first row is used for the values returned to Alchemer*

*400: The external integration returned an error*



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Save

## Snowflake | Upsert row

1. Select action: Upsert row.

## Configure Action

PRIMARY SETUP LOGIC ADVANCED

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### Select Action

Select the action you would like to perform.

**Push to Table (basic authentication)**

Insert Row into a Snowflake Table (basic authentication)

**Get Data (basic authentication)**

Get Data from Snowflake Table (basic authentication)

**Get data**

Get data from a Snowflake table (key-pair authentication)

**Push to table**

Push data to a Snowflake table (key-pair authentication)

**Update row**

Update row in a Snowflake table (key-pair authentication)

**Upsert row**

Upsert row in a Snowflake table (key-pair authentication)

Cancel

Next

You will need:

- Key-pair authentication set up in Snowflake
- Fields in the survey that contain the data you want to use to find a row in your Snowflake table
- Fields in your survey that contain the data you want to use to upsert a row in your Snowflake table

## Edit Action

PRIMARY SETUP LOGIC ADVANCED

### Snowflake | Upsert row

Upsert row in a Snowflake table using key-pair authentication

**You will need:**

- Key-pair authentication set up in Snowflake
- Fields in this survey that contain the data you want to use to find a row in your Snowflake table
- Fields in this survey that contain the data you want to use to upsert a row in your Snowflake table

Need help? [Learn more](#)

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## 2. Connect your Snowflake account.

## Edit Action

PRIMARY SETUP LOGIC ADVANCED

### Snowflake | Authentication

Connect to your Snowflake account

 Snowflake connected  
My Snowflake Auth

Warehouse, database, schema and role are not used from the auth. You will select them on the following screens.

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3. Select the Snowflake database you would like to use from the dropdown.

The screenshot shows a web interface for configuring an action. At the top, there is a dark header with the text 'Edit Action'. Below the header, there are three tabs: 'PRIMARY SETUP', 'LOGIC', and 'ADVANCED'. The 'PRIMARY SETUP' tab is active. The main content area is titled 'Snowflake | Select database' and contains the instruction 'Select the Snowflake database you would like to use from the dropdown'. Below this is a dropdown menu labeled 'Select database\*' with 'TS\_DEMO' selected. At the bottom of the form, there is a progress indicator with five dots, the first of which is filled, and two buttons: 'Previous' and 'Next'.

4. Select the Snowflake schema you would like to use from the dropdown.

### Edit Action

PRIMARY SETUP LOGIC ADVANCED

#### Snowflake | Select schema

Select the Snowflake schema you would like to use from the dropdown

Select schema\*

PUBLIC

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5. Select the Snowflake table you would like to use from the dropdown.

### Edit Action

PRIMARY SETUP LOGIC ADVANCED

#### Snowflake | Select table

Select the Snowflake table you would like to use from the dropdown

Select table\*

VANWESTENDORP

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6. Choose the survey data you want to use to find a row in your Snowflake table.

### Edit Action

PRIMARY SETUP LOGIC ADVANCED

#### Snowflake | Find row

Choose the survey data you want to use to find a row in your Snowflake table

**WARNING:**  
*ALL matching rows will be updated. Please ensure your selections and input data will identify the row(s) you want to update.*

Use this Alchemer field value to match this Snowflake field

Question   1. Input 1 (id: 2)	Snowflake   CITY	🗑️
Question   2. Input 2 (id: 3)	Snowflake   COUNTRY	🗑️

Add a new mapping

**Selected operator\***

AND

*Depending on the operator chosen below, each field will be separated by the OR, or the AND operator.*

Previous Next

7. Choose the survey data you want to use to upsert a row in your Snowflake table. This will either update a row if the data matches or create a new row.

## Edit Action

PRIMARY SETUP LOGIC ADVANCED

### Snowflake | Upsert row in table

Choose the survey data you want to use to upsert a row in your Snowflake table. This will either update a row if the data matches or create a new row.

Use this Alchemer field value

to update this Snowflake field

Question | 3. Update (id: 7)

Snowflake | LANGUAGE

Add a new mapping



Previous

Next

8. Select the fields that you would like to get back.

### Edit Action

PRIMARY SETUP LOGIC ADVANCED

#### Snowflake | Get data back

Select the fields that you would like to get back

Use this field To update this Alchemer survey field

Action | Metadata | message Question | 4. Message (id: 5) 🗑️

Add a new mapping

Previous Next

## 9. Setup complete.

### Edit Action

PRIMARY SETUP LOGIC ADVANCED

#### Snowflake | Setup complete

A log of each run result can be found in the Individual Responses > Action Log

A status code is available in the action metadata:

- 200: Successfully inserted row.
- 201: Query ran successfully. No rows updated.
- 202: Successfully updated X row(s).
- 400: The external integration returned an error.

Previous Save

## Snowflake | Update row

## 1. Select action: Update row.

### Configure Action

PRIMARY SETUP LOGIC ADVANCED

< Back

#### Select Action

Select the action you would like to perform.

**Push to Table (basic authentication)**  
Insert Row into a Snowflake Table (basic authentication)

**Get Data (basic authentication)**  
Get Data from Snowflake Table (basic authentication)

**Get data**  
Get data from a Snowflake table (key-pair authentication)

**Push to table**  
Push data to a Snowflake table (key-pair authentication)

**Update row**  
Update row in a Snowflake table (key-pair authentication)

**Upsert row**  
Upsert row in a Snowflake table (key-pair authentication)

Cancel Next

#### You will need:

- Key-pair authentication set up in Snowflake
- Fields in the survey that contain the data you want to use to find a row in your Snowflake table
- Fields in your survey that contain the data you want to use to update the row in your Snowflake table

## Edit Action

PRIMARY SETUP LOGIC ADVANCED

### Snowflake | Update row

Update row in a Snowflake table using key-pair authentication

**You will need:**

- Key-pair authentication set up in Snowflake
- Fields in this survey that contain the data you want to use to find a row in your Snowflake table
- Fields in this survey that contain the data you want to use to update the row in your Snowflake table

Need help? [Learn more](#)

v250918

Previous **Next**

2. Connect your Snowflake account.

## Edit Action

PRIMARY SETUP LOGIC ADVANCED

### Snowflake | Authentication

Connect to your Snowflake account

 Snowflake connected  
My Snowflake Auth

Warehouse, database, schema and role are not used from the auth. You will select them on the following screens.

Previous **Next**

3. Select the Snowflake database you would like to use from the dropdown.

### Edit Action

PRIMARY SETUP LOGIC ADVANCED

#### Snowflake | Select database

Select the Snowflake database you would like to use from the dropdown

Select database\*

---

Previous **Next**

4. Select the Snowflake schema you would like to use from the dropdown.

### Edit Action

PRIMARY SETUP LOGIC ADVANCED

#### Snowflake | Select schema

Select the Snowflake schema you would like to use from the dropdown

Select schema\*

---

Previous **Next**

5. Select the Snowflake table you would like to use from the dropdown.

### Edit Action

PRIMARY SETUP LOGIC ADVANCED

#### Snowflake | Select table

Select the Snowflake table you would like to use from the dropdown

Select table\*

VANWESTENDORP

Previous Next

6. Choose the survey data you want to use to find a row in your Snowflake table.

## Edit Action

PRIMARY SETUP
LOGIC
ADVANCED

### Snowflake | Find row

Choose the survey data you want to use to find a row in your Snowflake table

**WARNING:**  
*ALL matching rows will be updated. Please ensure your selections and input data will identify the row(s) you want to update.*

Use this Alchemer field value to match this Snowflake field

Question   1. Input 1 (id: 2) <span style="float: right;">▼</span>	Snowflake   CITY <span style="float: right;">▼</span>	
Question   2. Input 2 (id: 3) <span style="float: right;">▼</span>	Snowflake   COUNTRY <span style="float: right;">▼</span>	

Add a new mapping

**Selected operator\***

AND ▼

Depending on the operator chosen below, each field will be separated by the OR, or the AND operator.

---

●●●●●●

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Next

7. Choose the survey data you want to use to update a row in your Snowflake table.

## Edit Action

PRIMARY SETUP
LOGIC
ADVANCED

### Snowflake | Update row in table

Choose the survey data you want to use to update a row in your Snowflake table

Use this Alchemer field value to update this Snowflake field

Question   3. Update (id: 7) <span style="float: right;">▼</span>	Snowflake   LANGUAGE <span style="float: right;">▼</span>	
---	---	--

Add a new mapping

---

●●●●●●●

Previous
Next

8. Select the fields that you would like to get back.

### Edit Action

PRIMARY SETUP LOGIC ADVANCED

#### Snowflake | Get data back

Select the fields that you would like to get back

Use this field To update this Alchemer survey field

Action   Metadata   message	Question   4. Message (id: 5)	🗑️
-----------------------------	-------------------------------	----

Add a new mapping

Progress indicator: 10 dots, 6th dot highlighted

Previous Next

9. Setup complete.

## Edit Action

PRIMARY SETUP LOGIC ADVANCED

### Snowflake | Setup complete

A log of each run result can be found in the Individual Responses > Action Log

A status code is available in the action metadata:

*200: A single row was successfully found*

*201: Query ran successfully, but no rows were found*

*202: More than one row was found. The first row is used for the values returned to Alchemer*

*400: The external integration returned an error*



Previous

Save

## Snowflake | Push to table

1. Select action: Push to table.

## Configure Action

PRIMARY SETUP LOGIC ADVANCED

< Back

### Select Action

Select the action you would like to perform.

#### Push to Table (basic authentication)

Insert Row into a Snowflake Table (basic authentication)

#### Get Data (basic authentication)

Get Data from Snowflake Table (basic authentication)

#### Get data

Get data from a Snowflake table (key-pair authentication)

#### Push to table

Push data to a Snowflake table (key-pair authentication)

#### Update row

Update row in a Snowflake table (key-pair authentication)

#### Upsert row

Upsert row in a Snowflake table (key-pair authentication)

Cancel

Next

You will need:

- Key-pair authentication set up in Snowflake
- Fields in the survey that contain the data you want to use to insert into your Snowflake table

## Edit Action

PRIMARY SETUP LOGIC ADVANCED

### Snowflake | Push to table

Push data to a Snowflake table using key-pair authentication

**You will need:**

- Key-pair authentication set up in Snowflake
- Fields in this survey that contain the data you want to use to insert into your Snowflake table

Need help? [Learn more](#)

v250911

Previous **Next**

2. Connect your Snowflake account.

## Edit Action

PRIMARY SETUP LOGIC ADVANCED

### Snowflake | Authentication

Connect to your Snowflake account

 Snowflake connected  
My Snowflake Auth

Warehouse, database, schema and role are not used from the auth. You will select them on the following screens.

Previous **Next**

3. Select the Snowflake database you would like to use from the dropdown.

### Edit Action

PRIMARY SETUP LOGIC ADVANCED

#### Snowflake | Select database

Select the Snowflake database you would like to use from the dropdown

Select database\*

---

Previous **Next**

4. Select the Snowflake schema you would like to use from the dropdown.

### Edit Action

PRIMARY SETUP LOGIC ADVANCED

#### Snowflake | Select schema

Select the Snowflake schema you would like to use from the dropdown

Select schema\*

---

Previous **Next**

5. Select the Snowflake table you would like to use from the dropdown.

### Edit Action

PRIMARY SETUP LOGIC ADVANCED

#### Snowflake | Select table

Select the Snowflake table you would like to use from the dropdown

Select table\*

VANWESTENDORP

Previous Next

6. Choose the survey data you want to use to insert a row in your Snowflake table.

### Edit Action

PRIMARY SETUP LOGIC ADVANCED

#### Snowflake | Insert row into table

Choose the survey data you want to use to insert a row into your Snowflake table

Use this Alchemer field value to update this Snowflake field

Question   1. Input 1 (id: 2)	Snowflake   CITY	🗑️
Question   2. Input 2 (id: 3)	Snowflake   COUNTRY	🗑️

Add a new mapping

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7. Select the fields you would like to get back from Snowflake.

### Edit Action

PRIMARY SETUP LOGIC ADVANCED

#### Snowflake | Get data back

Select the fields that you would like to get back

[Use this field](#) [To update this Alchemer survey field](#)

Action   Metadata   message	Question   4. Message (id: 5)	
-----------------------------	-------------------------------	---

Add a new mapping

Previous **Next**

8. Setup complete.

## Edit Action

PRIMARY SETUP LOGIC ADVANCED

### Snowflake | Setup complete

A log of each run result can be found in the Individual Responses > Action Log

A status code is available in the action metadata:

*200: A single row was successfully found*

*201: Query ran successfully, but no rows were found*

*202: More than one row was found. The first row is used for the values returned to Alchemer*

*400: The external integration returned an error*



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Save

## Need help?

If you run into issues during setup or data mapping, our support team is here to help. You can also explore our [integration best practices](#) <sup>↗</sup> for guidance on how to design secure, reliable workflows.

## Configure Action

PRIMARY SETUP LOGIC ADVANCED

< Back

### Select Action

Select the action you would like to perform.

#### Push to Table (basic authentication)

Insert Row into a Snowflake Table (basic authentication)

#### Get Data (basic authentication)

Get Data from Snowflake Table (basic authentication)

#### Get data

Get data from a Snowflake table (key-pair authentication)

#### Push to table

Push data to a Snowflake table (key-pair authentication)

#### Update row

Update row in a Snowflake table (key-pair authentication)

#### Upsert row

Upsert row in a Snowflake table (key-pair authentication)

Cancel

Next

## Edit Action

PRIMARY SETUP LOGIC ADVANCED

### Snowflake | Get data back

Select the fields that you would like to get back

Use this field

To update this Alchemer survey field

Action | Metadata | message



Question | 4. Message (id: 5)



Add a new mapping



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## Related Articles