



TGH

Making Integrations Simpler



Snowflake database configuration in Boomi

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Snowflake connector configuration

In this blog, we will discuss how can we create a developer trail account in Snowflake and create a Boomi Snowflake connection configuration. By following below steps:


- 1) Creating a Snowflake developer account.
- 2) Configuration of custom database and schema.
- 3) Configuration of Boomi Snowflake connection.

Creating a Snowflake account:

- First, let's go to <https://www.snowflake.com/login/>



- Choose 'start for free' option as shown in the image
- Now enter the necessary information in the fields.
- We can use any mail like corporate, business and personal but we cannot use any temporary mails.
- Hit the continue button.



Registration form fields:

- First Name: [Redacted] ✓
- Last Name: [Redacted] ✓
- Email: [Redacted]@techygeekhub.com ✓
- Company: TGH ✓
- Role: Developer / Engineer
- Country: India

By clicking the button below you understand that Snowflake will process your personal information in accordance with its [Privacy Notice](#). I may withdraw my consent through [unsubscribe links](#) at any time.

 **CONTINUE**

[or sign in to an existing account](#)



Choose your Snowflake edition*

- Standard**
A strong balance between features, level of support, and cost.
- Enterprise**
Standard plus 90-day [time travel](#), [multi-cluster warehouses](#), and [materialized views](#).
- Business Critical**
Enterprise plus enhanced security, data protection, and database failover/failback.

Choose your cloud provider*

-  Microsoft Azure
-  Amazon Web Services
-  Google Cloud Platform

Check here to indicate that you have read and agree to the terms of the [Snowflake Self-Service On-Demand Terms](#).

 **GET STARTED**

- Use the default settings for the Snowflake edition type and choose your favorite cloud provider.
- I would suggest you choose a cloud provider that your company uses the most, low cost and the cloud should be near to your data center to avoid latency.

Thanks for signing up with Snowflake!

Help us better serve you by answering these questions.

Why are you signing up for a trial?

- Company is considering Snowflake
- Training or Certification
- Personal learning and development
- Other



- We can skip the survey and proceed to the further steps.
- They will ask multiple questions we can skip all of them.
- After completing all of them we will receive a link to the mail which we have provided.
- Go to the mail and click on “click to activate” button.

YOU'RE NOW SIGNED UP! ✓

An email to activate your account has been sent to [redacted]@techygeekhub.com (it may take a few minutes to arrive).

Thank you for your response!

GETTING STARTED VIDEO

A quick tour of Snowflake's Platform.
[Watch Video](#)

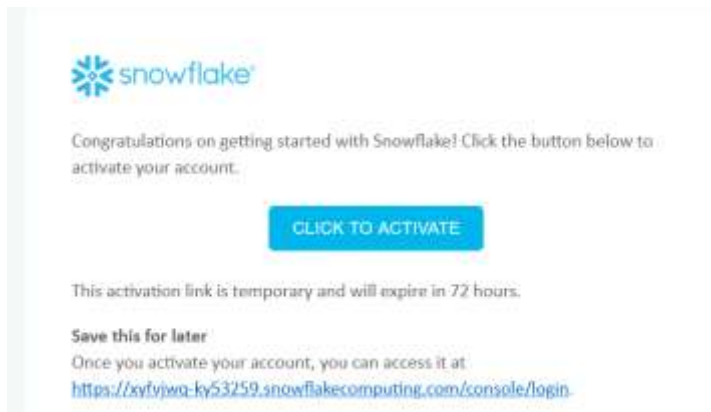
VIRTUAL HANDS-ON LAB

Instructor-led, online lab guiding you through key product features.
[Reserve Your Seat](#)

FULL SNOWFLAKE DOCUMENTATION

A comprehensive document covering all aspects of Snowflake's Platform.
[Go To Documentation](#)

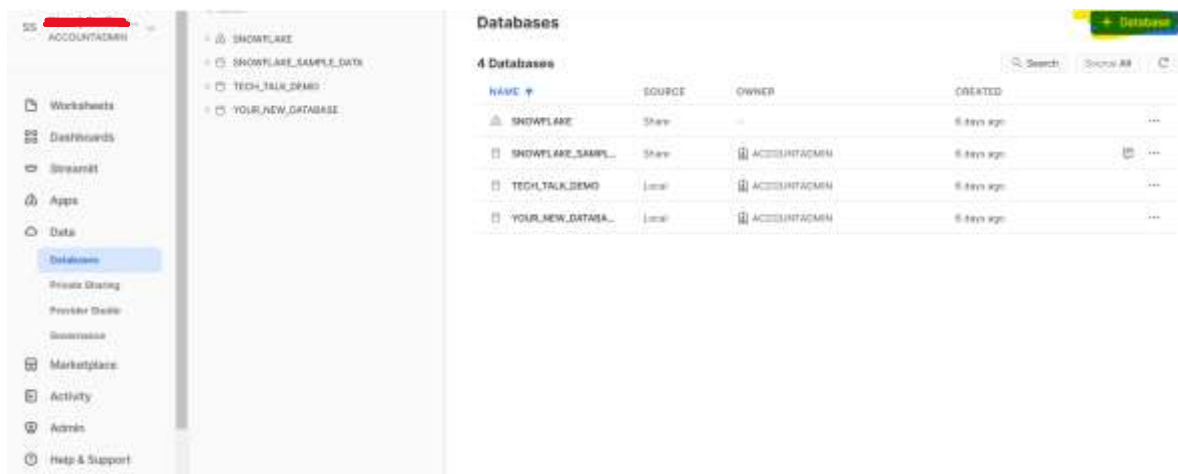
- We can also see one more link at the bottom of the mail, with that link we can login to the Snowflake account which we have created.
- We can also login to our account via <https://www.snowflake.com/login/m> as well.

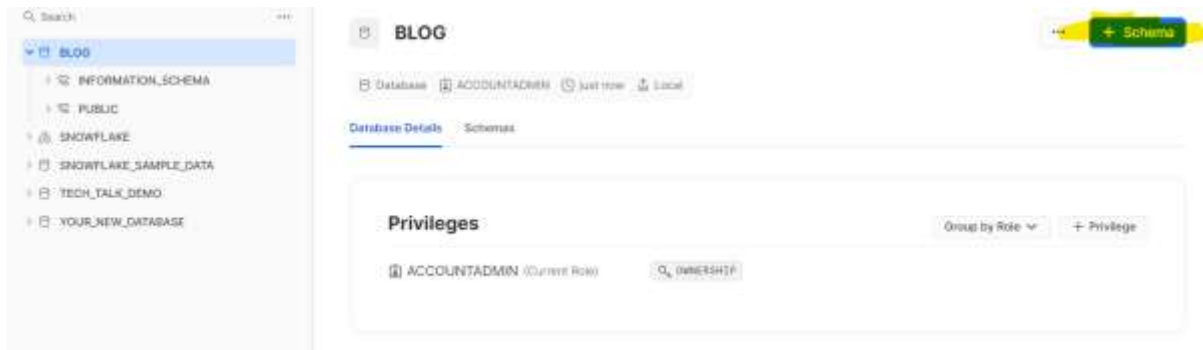


- It will open a new window in the default browser.
- It will ask to configure username and password.

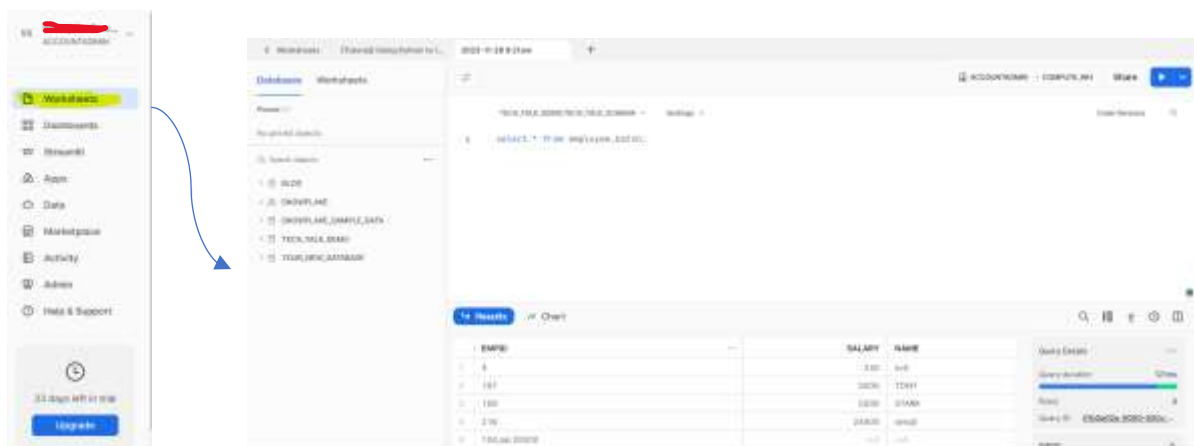
Configuration of database and schema in Snowflake

- After logging to the Snowflake account, go to data and choose databases.
- Click on +Database button highlighted in the image.
- Then go to the database that you have created and click on the +schema button highlighted in the image.
- Once database and schemas are created then we can create our tables in the schema.





- To create a table, go to worksheets and open a work sheet.
- Worksheets are used to perform operations on the database, schemas and tables to modify, create and delete the data.
- Once we click on the worksheets it will navigate to new page to write Snowflake queries.



- Now we have completed our prerequisites for the Snowflake connection configuration.
- Now we will go to Boomi and create a new connection for Snowflake.

Snowflake connection configuration in Boomi

- Open platform.boomi.com and login to your Boomi account and go to Integration service.
- Click on create new option in the build tab and highlighted in the image.



- Select connection component and then select Snowflake connector.
- Now we need to configure the highlighted fields in the below image.

Tech talk Snowflake connection - Snowflake ⓘ Folder Add Description

Connection

Connection URL* ⓘ jdbc:snowflake://vn25648.ap-south-1.aws.snowflakecomputing.com

User Name* ⓘ [REDACTED]

Password* ⓘ <Encrypted>

Private Key String ⓘ Click to Set

Passphrase ⓘ Click to Set

Warehouse Name ⓘ COMPUTE_WH

Database Name ⓘ TECH_TALK_DEMO

Schema Name ⓘ TECH_TALK_SCHEMA

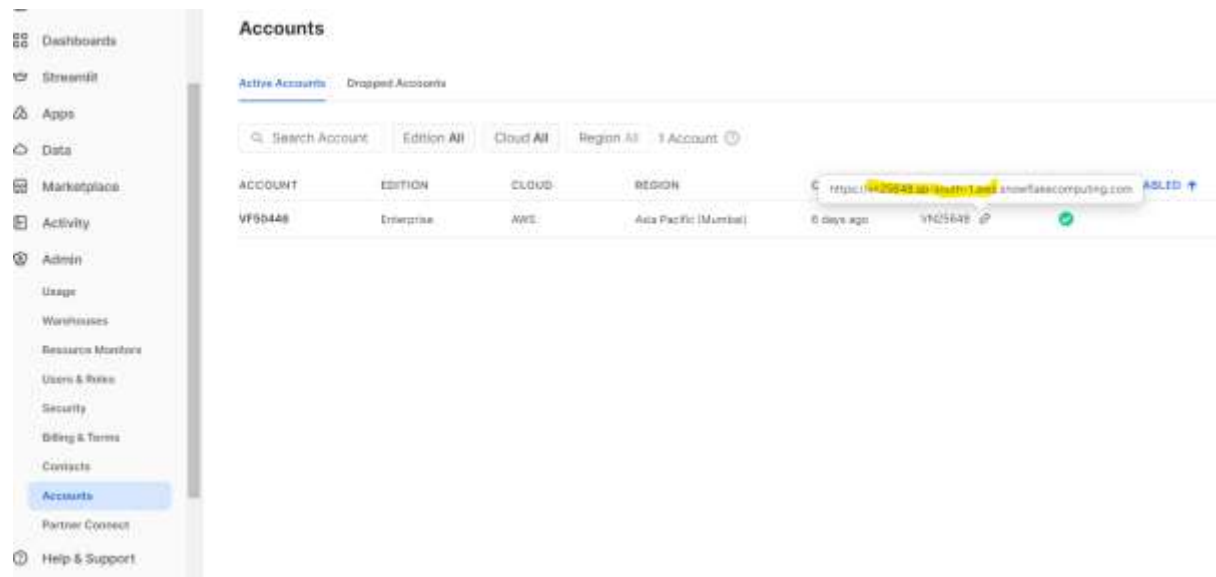
Role ⓘ ACCOUNTADMIN

S3 Access Key ID ⓘ

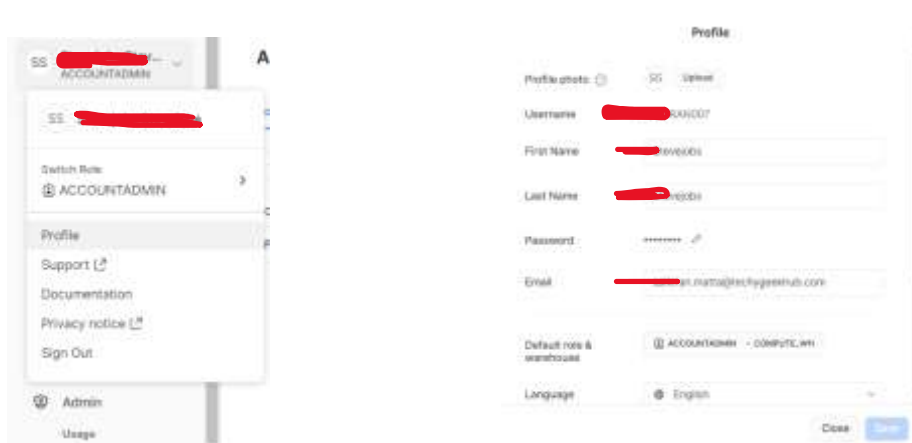
S3 Secret Key ⓘ Click to Set

Date Time Format ⓘ yyyyMMdd HH:mm:ss

- For **account name** go to snow flake and click on Admin -> Accounts -> hover on to the Locator.
- Now you can see the <https://youraccountname.snowflakecomputing.com> as highlighted in the image below.



- For **username** go to your account option on the top left corner, then choose profile inside that you can find the username.



- You have to provide your **password** which you have created after activating the account.
- For now, we are leaving **warehouse** as its default value. If you want to know your warehouse name, check in the profile section.
- We need to provide the **database** name and the **schema** name which we need to access in Boomi.
- For now, we are using the ACCOUNTADMIN **role**, so we need to change the role according to the level of authorization.
- We can leave the remaining values as default. Or you can modify according to your business requirements.

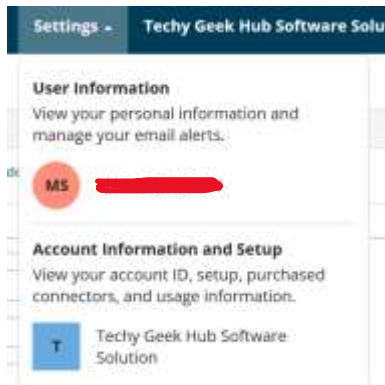
- Connection configuration ready now you can use any runtime engine to test the connection.

If test connection fails?

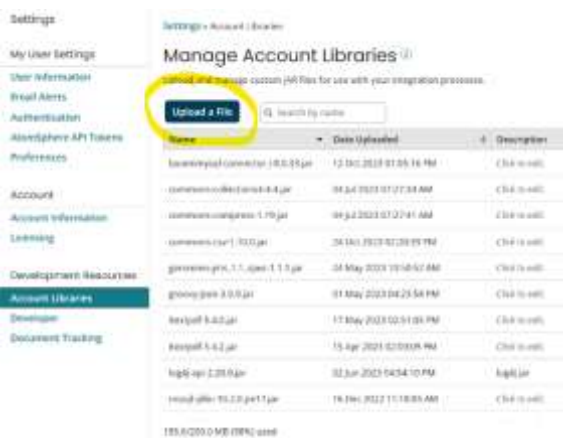
- If the test connection fails that mean your runtime engine may not have Snowflake jar in its path.
- So, we need to download the Snowflake jar file from the Maven repository.

Follow the below steps to deploy the jar file as a custom library in Boomi

- Go to settings and then choose account information and setup.



- Click on the account libraires and upload the jar file into the account libraries.



- Now go to build tab and choose create new component then choose custom library component.
- In the custom library component choose connection option and select the Snowflake jar file which you have uploaded into the account libraries.
- Then deploy the custom library component to the runtime that you want to connect with your Snowflake database.
- Then restart your runtime engine.
- Now open the Snowflake connection and test connection.
- It will show you “test connection successful”.

New Custom Library - Custom Library ⓘ [Folder](#) [Add Description](#)

Custom JAR files can be uploaded via the [Account Libraries](#) tab on the account menu's Setup page. Or

Custom Library Type ⓘ

JARs will be deployed to your user/lib/<connType> folder.

Connector*

Included JAR Files ⓘ

JAR Name	Size (KB)
snowflake-jdbc-2.8.1-javadoc.jar	586 KB



TGH

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boomi
Partner



TGH Software Solutions Pvt. Ltd.

www.techygeekhub.com

At TGH, we specialize in driving digital transformation through seamless Integration Technologies.

Operating as an INTEGRATION FACTORY, we serve as a one-stop shop for all your integration needs. Our expert team is well-versed in enterprise software and legacy system integration, along with leading iPaaS technologies like Boomi, MuleSoft, Workato, OIC, and more.

We're committed to enhancing business processes and solving problems through our integration expertise.



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