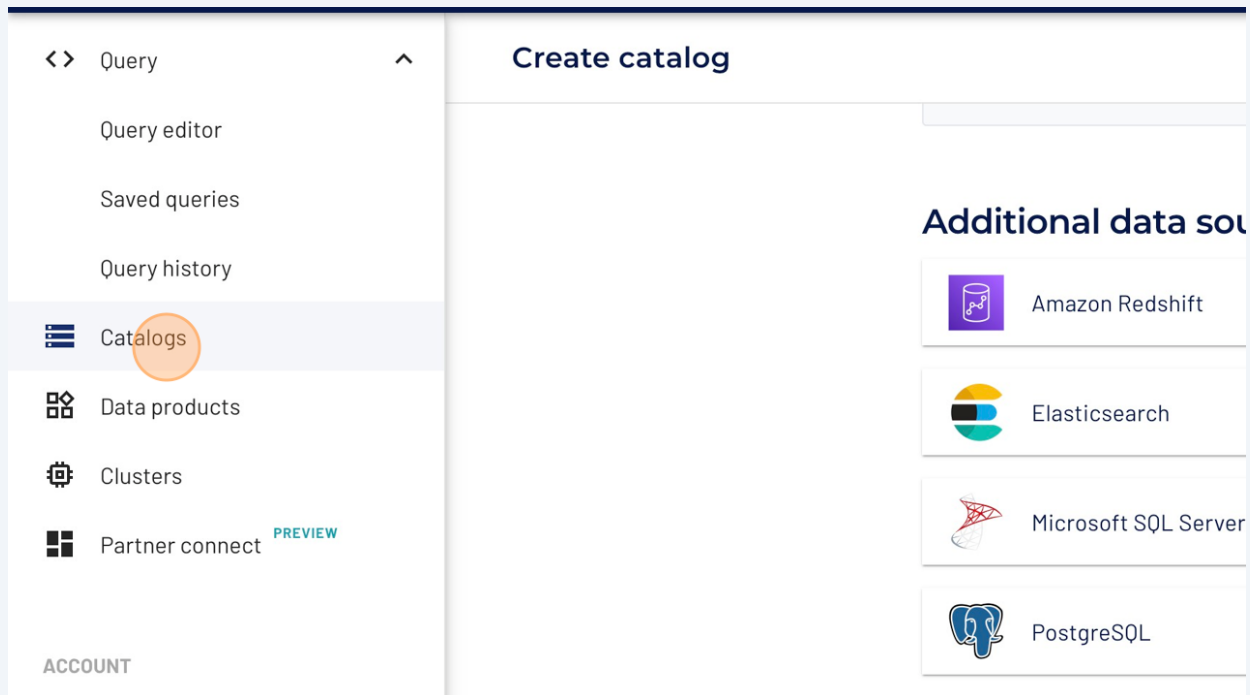
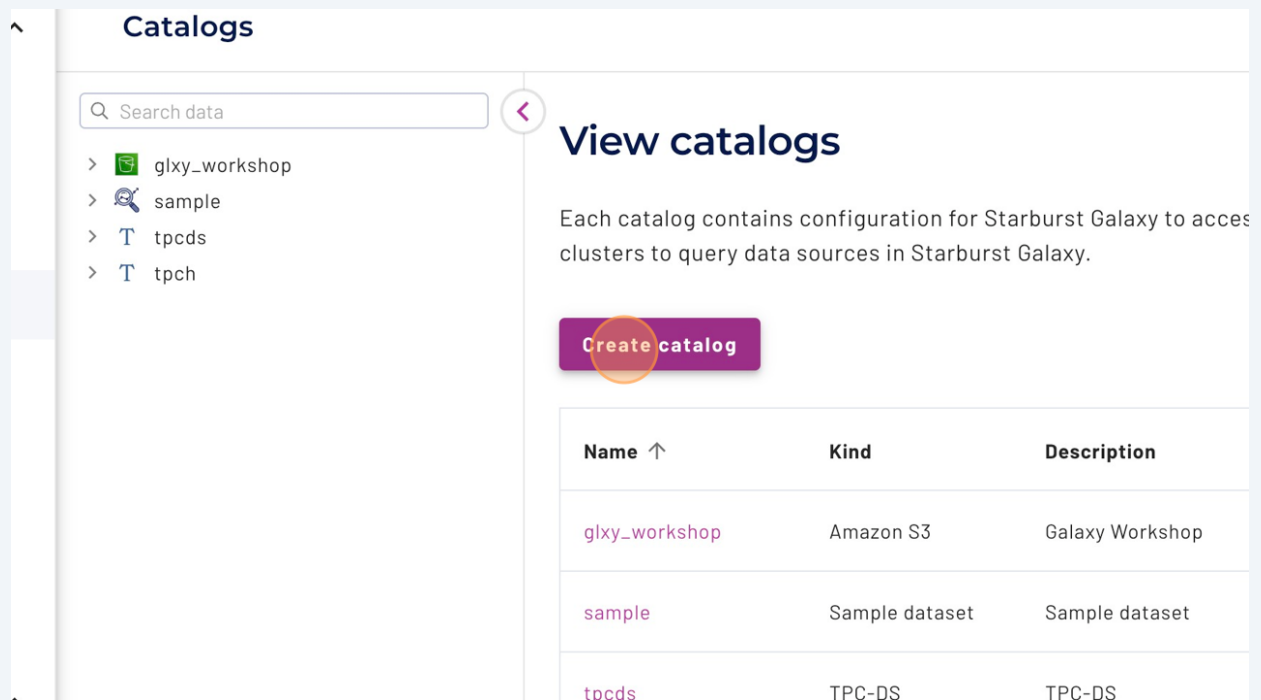


How to Connect to Redshift DW using Galaxy

1 Click "Catalogs"



2 Click "Create catalog"



Catalogs

Search data

- > glxy_workshop
- > sample
- > tpcds
- > tpch

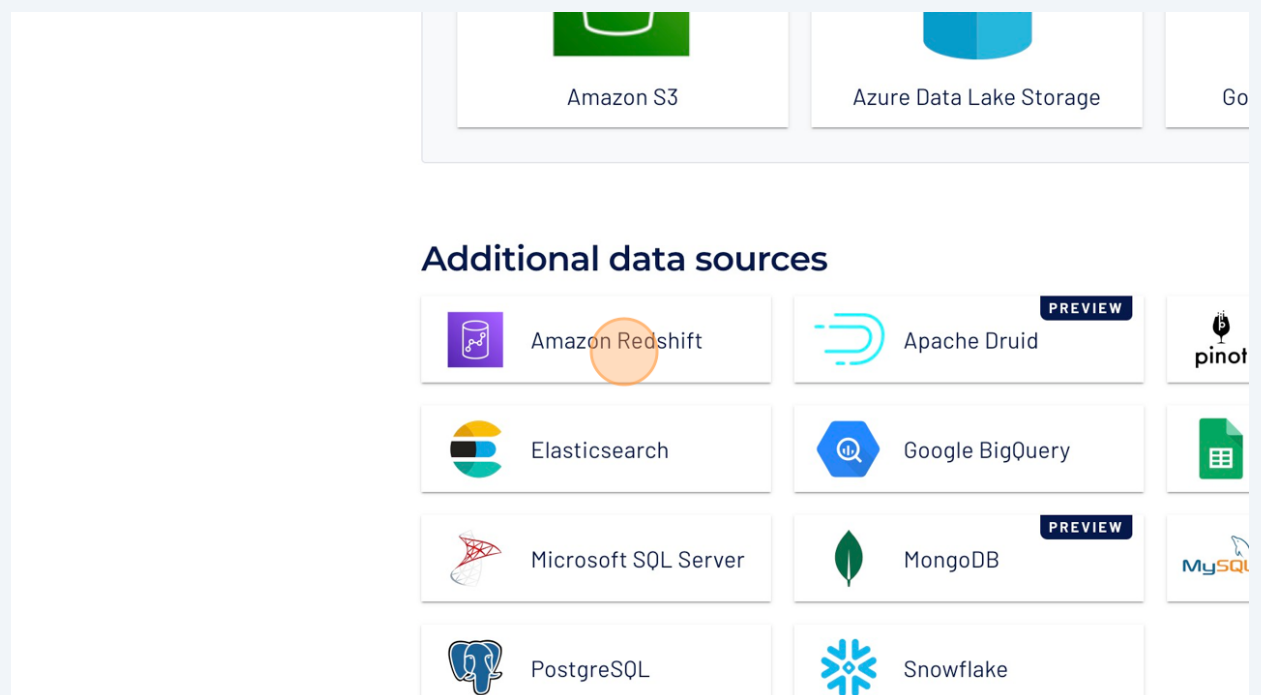
View catalogs

Each catalog contains configuration for Starburst Galaxy to access clusters to query data sources in Starburst Galaxy.

Create catalog












| Name ↑ | Kind | Description |
|---------------|----------------|-----------------|
| glxy_workshop | Amazon S3 | Galaxy Workshop |
| sample | Sample dataset | Sample dataset |
| tpcds | TPC-DS | TPC-DS |

3 Click here.



Amazon S3 Azure Data Lake Storage Go

Additional data sources

| | | |
|--|--|---|
|  Amazon Redshift |  Apache Druid PREVIEW |  pinot |
|  Elasticsearch |  Google BigQuery |  |
|  Microsoft SQL Server |  MongoDB PREVIEW |  MySQL |
|  PostgreSQL |  Snowflake | |

4 Click the "Catalog name *" field.

2 Configure the connection

3 Set permissions (optional)

4 Add to cluster (optional)

Configure your catalog to query a Redshift database. Learn more about [connecting to Redshift](#).

Name and description

Provide a unique name to identify the catalog in your SQL queries in the query editor and other client tools. The namespace for a table is typically <catalog_name>.<schema_name>.<table_name>

Catalog name *

Must start with a letter and only use lowercase letters (a-z), numbers (0-9), and underscores (_)

Description

Redshift connection

Configure your Redshift catalog using the endpoint found in your AWS console, under **General information**.

Connection type *

5 Click the "Redshift endpoint *" field.

Description

Example Redshift DW Connection

Redshift connection

Configure your Redshift catalog using the endpoint found in your AWS console, under **General information**.

Connection type *

☒ Connect directly ☐ Connect via SSH tunnel

Redshift endpoint *

Select the [authentication mechanism](#) used to connect to Redshift.

Authentication method *

☒ Password based ☐ AWS access key

Database username *


awsuser

6 Click the "Database username *" field.

Connection type *

☒ Connect directly ☐ Connect via SSH tunnel

Redshift endpoint * ?

Select the **authentication mechanism**  used to connect to Redshift.

Authentication method *

☒ Password based ☐ AWS access key


Database username * ?


Database password * ?


Test connection

Validate that the network configuration allows Starburst Galaxy to connect to the data source.


7 Click the "Read-only catalog" field.


 Data products

 Clusters

 Partner connect PREVIEW

ACCOUNT

 Admin

 Access control

Users

Roles and privileges

Groups

RDS master database username * ?

RDS master database password * ?

☒ Use TLS ?

Catalog-level permissions

☒ Read-only catalog

Prohibits all users, **including the catalog owner**, from modifying data or metadata in this catalog.

Test connection

If you make any changes to the catalog configuration, you must re-test the connection before saving.

Detected regions:

- aws US East (Ohio)

8

Click "Test connection"

Authentication method *



Password based



AWS access key

Database username *

galaxy_user



Database password *

.....



Test connection

Validate that the network configuration allows Starburst Galaxy to connect to the data source.

Test connection[< Back](#)[Connect catalog](#)