

Lab: Create an Azure Data Lake Storage Gen2 shortcut

Objective:

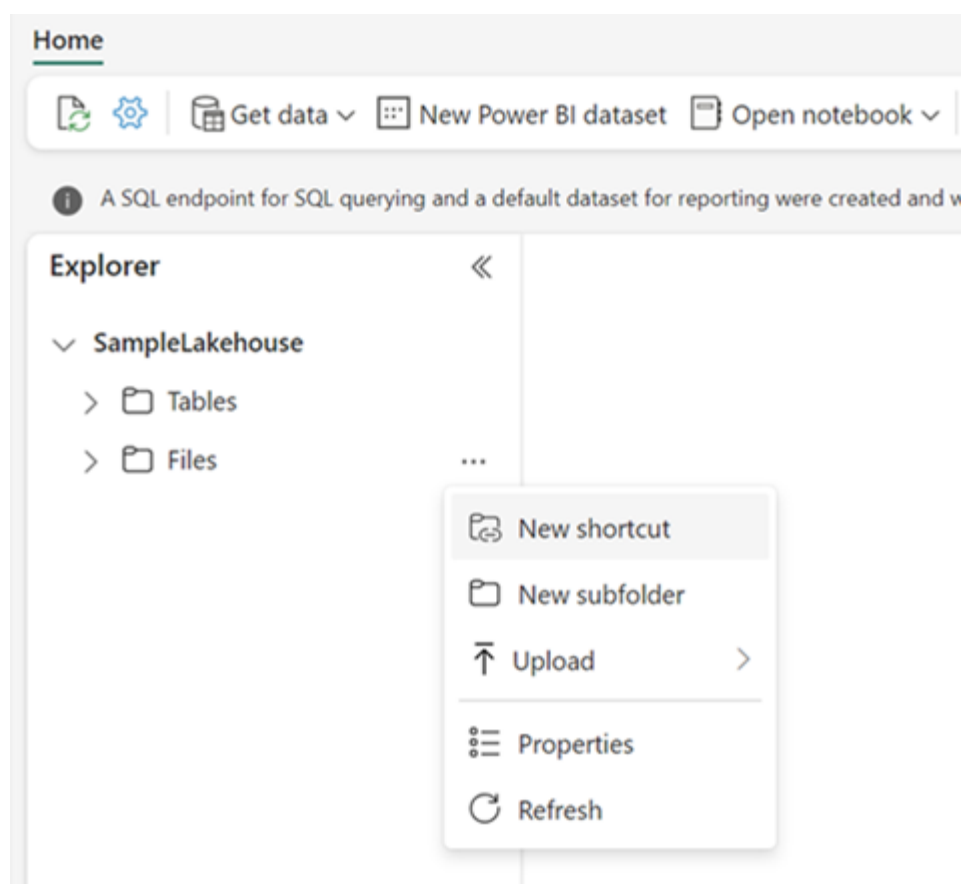
you learn how to create an Azure Data Lake Storage (ADLS) Gen2 shortcut inside a Microsoft Fabric lakehouse.

Prerequisites

- If you don't have a lakehouse, create one by following these steps: [Create a lakehouse with OneLake](#).
- You must have Hierarchical Namespaces enabled on your ADLS Gen 2 storage account.

Create a shortcut

1. Open a lakehouse.
2. Right-click on a directory within the Lake view of the lakehouse.
3. Select New shortcut.



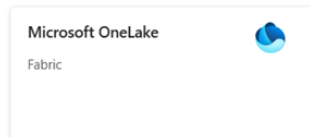
Select a source

- Under External sources, select Azure Data Lake Storage Gen2.

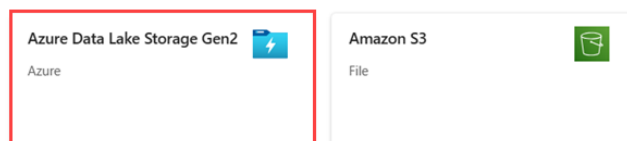
New shortcut

Use shortcuts to quickly pull data from internal and external locations into your lakehouses, warehouses, or datasets. Shortcuts can be updated or removed from your item, but these changes will not affect the original data and its source.

Internal sources




External sources



- Enter the Connection settings according to the following details:


New shortcut

123abc12-3abc-123a-bc12-3abc123abc12 is located in the region **Central US**. Any data sourced through this shortcut will be processed in the same region.




Azure Data Lake Storage Gen2
Azure
[Learn more](#)


Connection settings

URL 

Connection credentials

Connection
Create new connection 

Connection name

Authentication kind
Shared Access Signature (SAS) 

SAS token

Next

Cancel

- URL: `https://storage33x.dfs.core.windows.net/sales`
- Connection: Create new connection
- Connection name: storage33xsales
- Authentication kind: Shared Access Signature (SAS)
- SAS Token: `sv=2024-11-04&ss=b&srt=co&sp=rl&se=2025-04-24T10:43:59Z&st=2025-04-22T02:43:59Z&spr=https&sig=BJDOhTztaKK5UAH340DFxqkowTPATs9ilJpBUrib8v8%3D`
- Select Next.
- Browse to the target location for the shortcut. Select CSV and JSON

New shortcut

i **LH02** is located in the region **East US**. Any data sourced through this shortcut will be processed in the same region.

Azure Data Lake Storage Gen2

Select a bucket or directory

v
☐

sales

>
☐

csv

>
☐

json

13. Select **Next**

14. The review page allows you to verify all of your selections. Here you can see each shortcut that will be created. You can click the pencil icon to edit the shortcut name in the action column. You can click the trash can icon to delete shortcut.

New shortcut

i **LH02** is located in the region **East US**. Any data sourced through this shortcut will be processed in the same region.

Review the folders and tables, and then Create. Each table and folder selected will appear as a unique shortcut in the location path.

Shortcut location

LH02 > Files

Shortcut Name	Source	Status	Actions
csv	sales > csv	Yet to create	
json	sales > json	Yet to create	

15. Select Create.

16. The lakehouse automatically refreshes. The shortcut appears in the left Explorer pane.

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