

ASSIGNMENT – 3 (Azure Databricks)

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Creation of Storage Account

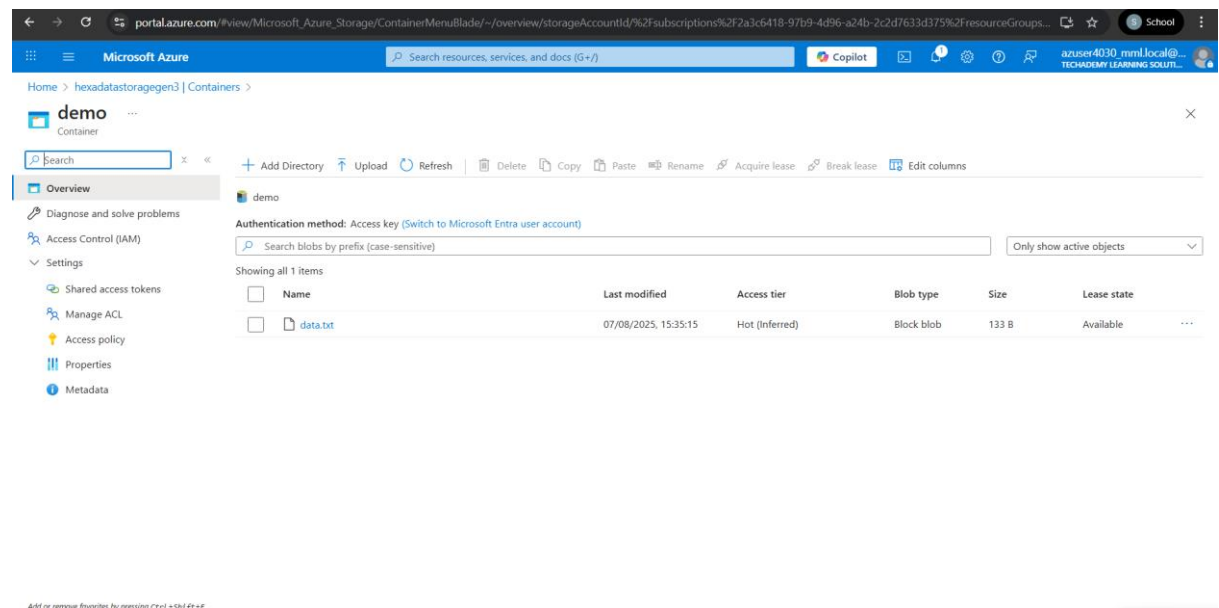
Microsoft Azure portal interface showing the 'hexadatastorageegen3' storage account. The 'Containers' tab is selected, displaying a table of existing containers:

Name	Last modified	Anonymous access level	Lease state
Slogs	07/08/2025, 11:16:07	Private	Available
container	07/08/2025, 11:44:31	Private	Available
demo	07/08/2025, 15:20:14	Private	Available

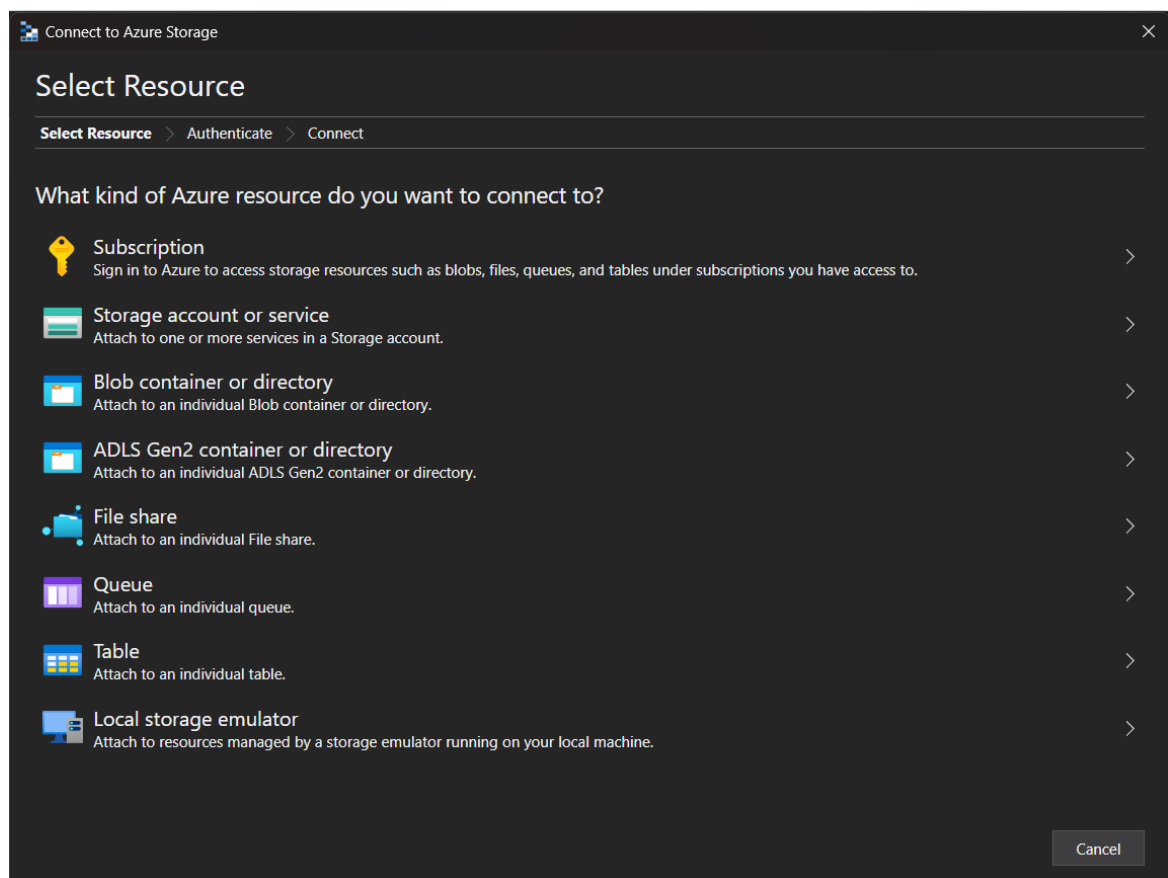
Creation of Containers

Microsoft Azure portal interface showing the 'hexadatastorageegen3' storage account. The 'Containers' tab is selected, and the 'New container' dialog is open. The dialog shows the 'Name' field set to 'demo2' and the 'Anonymous access level' set to 'Private (no anonymous access)'.

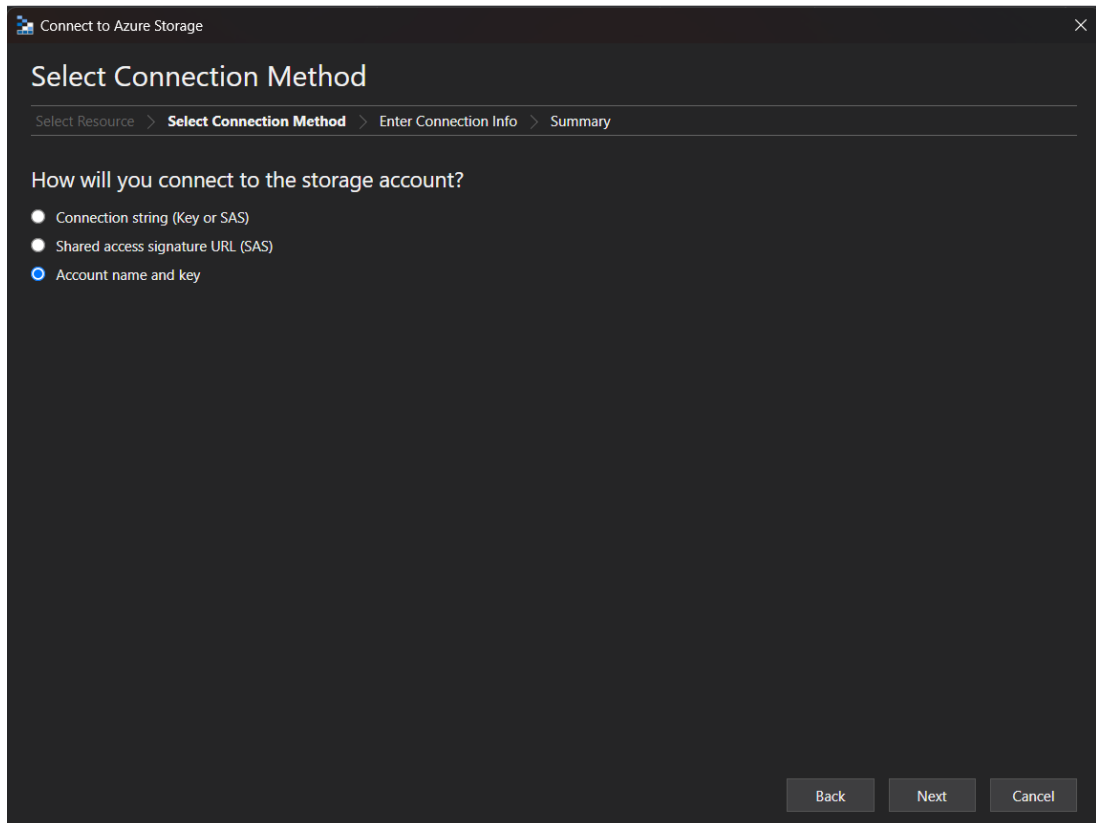
Uploading data into the containers



Connection to Storage Account on Azure Storage Explorer



Selecting the connection method



The screenshot shows a dark-themed dialog box titled "Connect to Azure Storage". The main heading is "Select Connection Method". Below it is a breadcrumb trail: "Select Resource > **Select Connection Method** > Enter Connection Info > Summary". The question "How will you connect to the storage account?" is followed by three radio button options: "Connection string (Key or SAS)", "Shared access signature URL (SAS)", and "Account name and key". The "Account name and key" option is selected. At the bottom right are "Back", "Next", and "Cancel" buttons.

Connect to Azure Storage

Select Connection Method

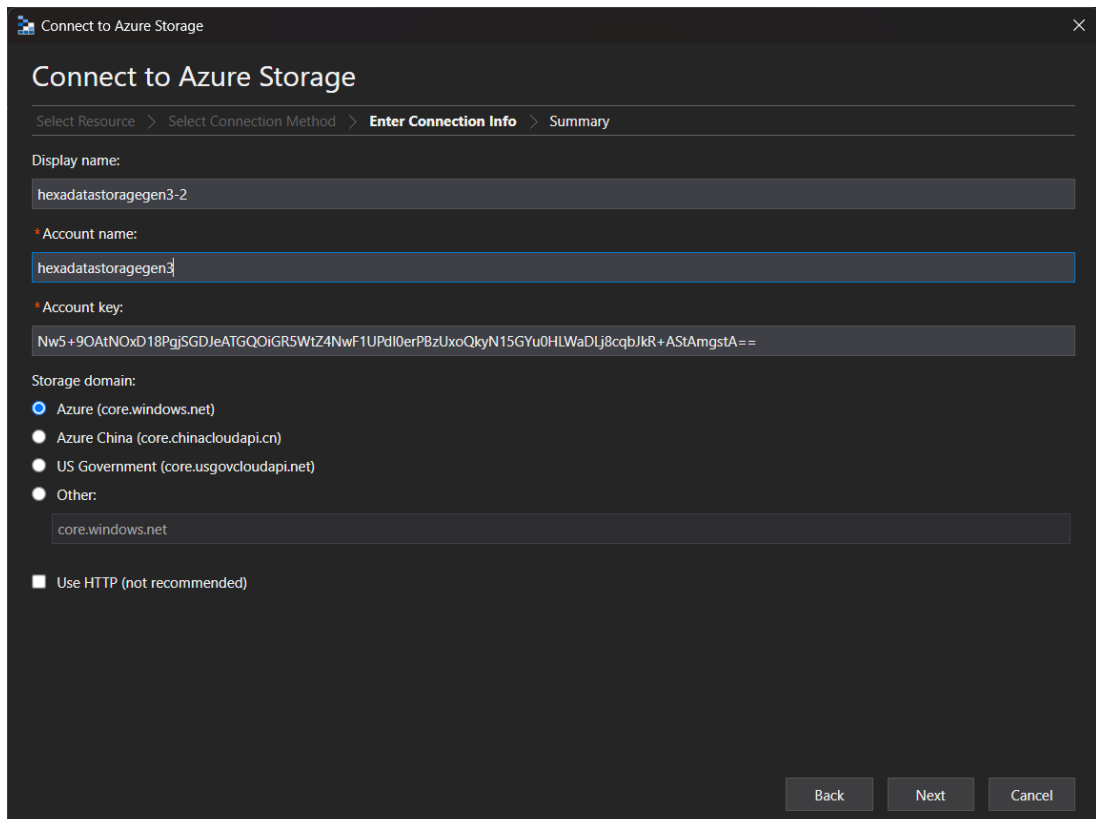
Select Resource > **Select Connection Method** > Enter Connection Info > Summary

How will you connect to the storage account?

- ☐ Connection string (Key or SAS)
- ☐ Shared access signature URL (SAS)
- ☒ Account name and key

Back Next Cancel

Providing the key/URL to access the storage account



The screenshot shows the same "Connect to Azure Storage" dialog, but now on the "Enter Connection Info" step. The breadcrumb trail is "Select Resource > Select Connection Method > **Enter Connection Info** > Summary". The "Display name:" field contains "hexadatastoragegen3-2". The "Account name:" field (marked with an asterisk) contains "hexadatastoragegen3". The "Account key:" field (marked with an asterisk) contains a long alphanumeric string. The "Storage domain:" section has four radio button options: "Azure (core.windows.net)" (selected), "Azure China (core.chinacloudapi.cn)", "US Government (core.usgovcloudapi.net)", and "Other:". Below "Other:" is a text field containing "core.windows.net". There is an unchecked checkbox for "Use HTTP (not recommended)". At the bottom right are "Back", "Next", and "Cancel" buttons.

Connect to Azure Storage

Connect to Azure Storage

Select Resource > Select Connection Method > **Enter Connection Info** > Summary

Display name:

hexadatastoragegen3-2

* Account name:

hexadatastoragegen3

* Account key:

Nw5+9OAtNOxD18PgjSGDJeATGQOIGR5WtZ4NwF1UPdl0erPBzUxoQkyN15GYu0HLWaDLj8cqbJkR+AStAmgstA==

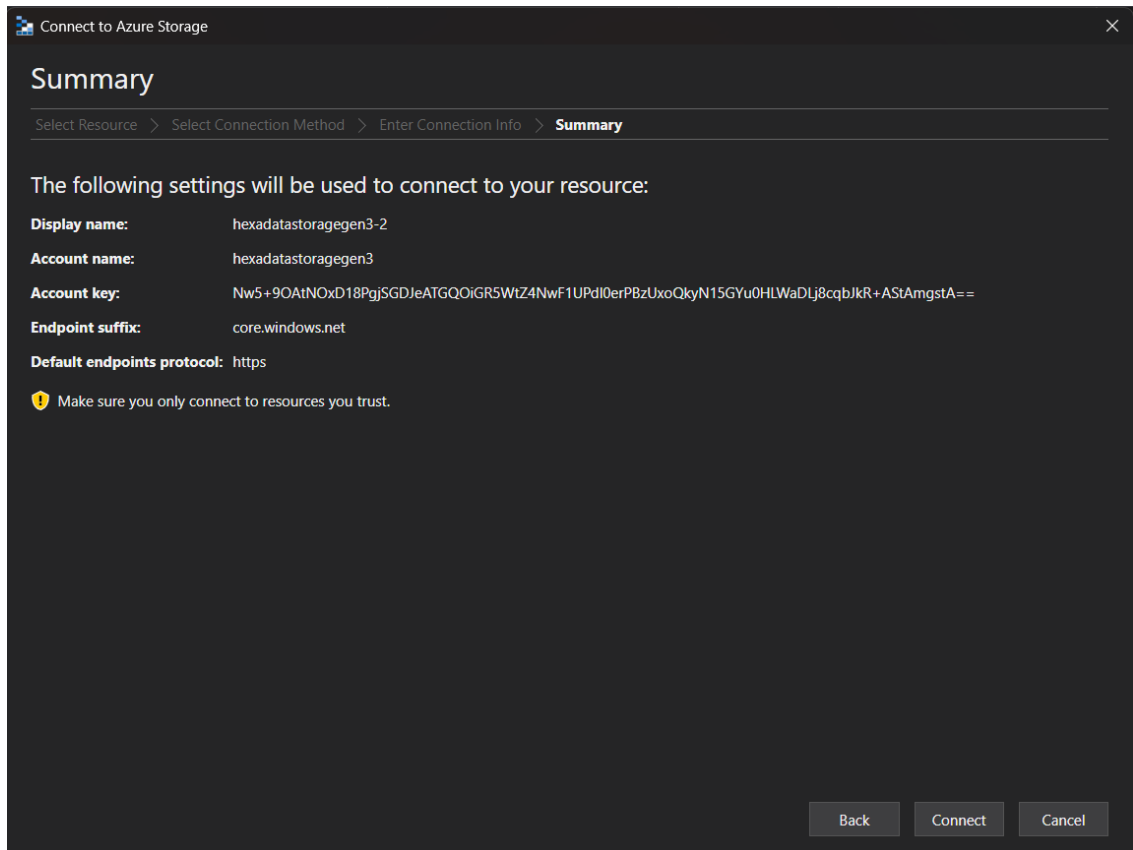
Storage domain:

- ☒ Azure (core.windows.net)
- ☐ Azure China (core.chinacloudapi.cn)
- ☐ US Government (core.usgovcloudapi.net)
- ☐ Other:

core.windows.net

☐ Use HTTP (not recommended)

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Viewing the storage account from the Azure Storage Explorer

