

5. Add another file to the file share from the local machine and confirm it reflects in Azure.

Practical Task 5: Storing and Querying Data with Azure Table Storage

Set up and use Azure Table Storage for structured data.

Requirements:

1. Create a storage account and enable the Table service.
2. Create a table named "employee-data".
3. Add sample data (e.g., employee IDs, names, and roles) to the table using Azure Storage Explorer or Azure CLI.
4. Query the table for specific data using filters (e.g., "Role = Developer").
5. Delete specific entries from the table and verify the changes.

Practical Task 6: Configuring Shared Access Signatures (SAS) for Secure Access

The screenshot shows the Azure portal interface for a storage account named 'devaccount20250119'. The 'Storage browser' section is active, displaying a table named 'employee-data'. The table has three columns: 'PartitionKey', 'RowKey', and 'Timestamp'. A query filter 'Role eq 'Developer'' is entered in the query editor, and the results show 'No items found'. The left sidebar contains navigation options like Overview, Activity log, Tags, Diagnose and solve problems, Access Control (IAM), Data migration, Events, Storage browser, Storage Mover, Partner solutions, Data storage, Containers, File shares, Queues, Tables, and Security + networking.

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portal.azure.com/#@dmytroslovinskyymail.onmicrosoft.com/resource/subscriptions/9a6ae428-d8c3-44fe-bdf2-4e0859390...

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Dashboard > devaccount20250119

devaccount20250119 | Storage browserStorage account

Search

Overview

Activity log

Tags

Diagnose and solve problems

Access Control (IAM)

Data migration

Events

Storage browser

Storage Mover

Partner solutions

Data storage

Containers

File shares

Queues

Tables

Security + networking

Delete table entities

This action will permanently delete the selected table entities.

Delete

Cancel

Showing all 2 items

	PartitionKey	RowKey	Timestamp	Id	Name	Role
<input type="checkbox"/>	1	1	2025-01-22T15:15:53.87...	1	Name1	Role1
<input checked="" type="checkbox"/>	1	2	2025-01-22T15:17:08.43...	2	Stanislav	Developer

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portal.azure.com/#@dmytroslovinskyygmail.onmicrosoft.com/resource/subscriptions/9a6ae428-d8c3-44fe-bdf2-4e0859390...x

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Dashboard > Storage accounts > devaccount20250119

devaccount20250119 | Storage browserx

Storage account

+ Add entityRefreshDeleteEdit columns

Tables > employeeedata

Authentication method: Access key (Switch to Microsoft Entra user account)

Advanced query editor

Use the advanced query editor for more advanced operations using OData queries. [Learn more](#)

Run queryClear query

Role eq 'Developer'

Showing all 1 items

<input type="checkbox"/>	PartitionKey	RowKey	Timestamp	Id	Name	Role	
<input type="checkbox"/>	1	2	2025-01-22T15:17:08.43...	2	Stanislav	Developer	...

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Dashboard > Storage accounts > devaccount20250119

Storage accounts

Default Directory

CreateRestore...

Filter for any field...

Name

annamushchyninasa...

devaccount20250119...

dmytroshanskyifunction...

lifecyclannamushchynina...

myfileshareaccount...

saserhihomeniuk...

staccforlifecyle02...

testtsssgroup9efc...

vladyslavtkachukbe0d...

devaccount20250119

Storage account

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Diagnose and solve proble...

Access Control (IAM)

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Security + networking

Add entity

Property NameTypeValue

PartitionKeyString1

RowKeyString1

IdString1

NameStringName1

RoleStringRole1

Add property

InsertCancel

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portal.azure.com/#@dmytroslovinskygmail.onmicrosoft.com/resource/subscriptions/9a6ae428-d8c3-44fe-bdf2-4e0859390...☆

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Dashboard > Storage accounts > devaccount20250119

Storage accounts

Default Directory

+ Create ↶ Restore ...

Filter for any field...

Name ↑

annamushchyninasa...

devaccount20250119...

dmytroolshanskyifunction...

lifecyclannamushchynina...

myfileshareaccount...

saserhihomeniuk...

staccforlifecycle02...

testttssgroup9efc...

vladyslavtkachukbe0d...

devaccount20250119 | Tables

Storage account

Search

+ Table ↻ Refresh | 🗑 Delete | 🗨 Give feedback

Overview

Activity log

Tags

Diagnose and solve problems

Access Control (IAM)

Data migration

Events

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Storage Mover

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Security + networking

Add table

Table name *

employeeedata ✓

OK Cancel

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