

Lab 2: Azure Cosmos DB for NoSQL

This document explains how to create databases and containers in a Cosmos DB for NoSQL account

Create a Cosmos DB for NoSQL account

Follow the instructions at [Manage an Azure Cosmos DB account by using the Azure portal | Microsoft Learn](#)

To create the account

1. From the Azure portal menu or the Home page, select Create a resource.
2. Search for Azure Cosmos DB.
3. Select Create > Azure Cosmos DB.
4. On the Create an Azure Cosmos DB account page, enter the basic settings for the new Azure Cosmos account.
5. Select the Create option within the Azure Cosmos DB for NoSQL section.

This lab assumes that the account is called `cosmos-nosql-02-10`

Connect to an existing Cosmos DB for NoSQL account

Connect to the Cosmos DB for NoSQL account that was just created:

1. In the search bar, type 'Azure Cosmos DB for NoSQL'
2. Click on the instance that was just created '`cosmos-nosql-02-10`'
3. Click on 'Data Explorer' in the menu
4. Close the introduction video dialog box if this is your first connection

Microsoft Azure

Search resources, services, and docs (G+I)

patrice@hackcosmosdb...
DEFAULT DIRECTORY (HACKCOS...

Home > cosmos-nosql-2024

cosmos-nosql-2024 | Data Explorer ☆ ...

Azure Cosmos DB account

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MY DATA

SAMPLE DATA

CopilotSampleDb

NOTEBOOKS

Notebooks is currently not available. We are working on it.

Home

Welcome to Azure Cosmos DB

Globally distributed, multi-model database service for any scale

Launch quick start

Launch a quick start tutorial to get started with sample data

New Container

Create a new container for storage and throughput

Query faster with Copilot

Copilot is your AI buddy that helps you write Azure Cosmos DB queries like a pro. Try it using our sample data set now!

Connect

Prefer using your own choice of tooling? Find the connection string you need to connect

Recents

Top 3 things you need to know

Learning Resources

Advanced Modeling Patterns

Learn advanced strategies to optimize your database.

Partitioning Best Practices

Learn to apply data model and partitioning strategies.

Plan Your Resource Requirements

Get to know the different configuration choices.

Get Started using an SDK

Learn about the Azure Cosmos DB SDK.

Learn the Fundamentals

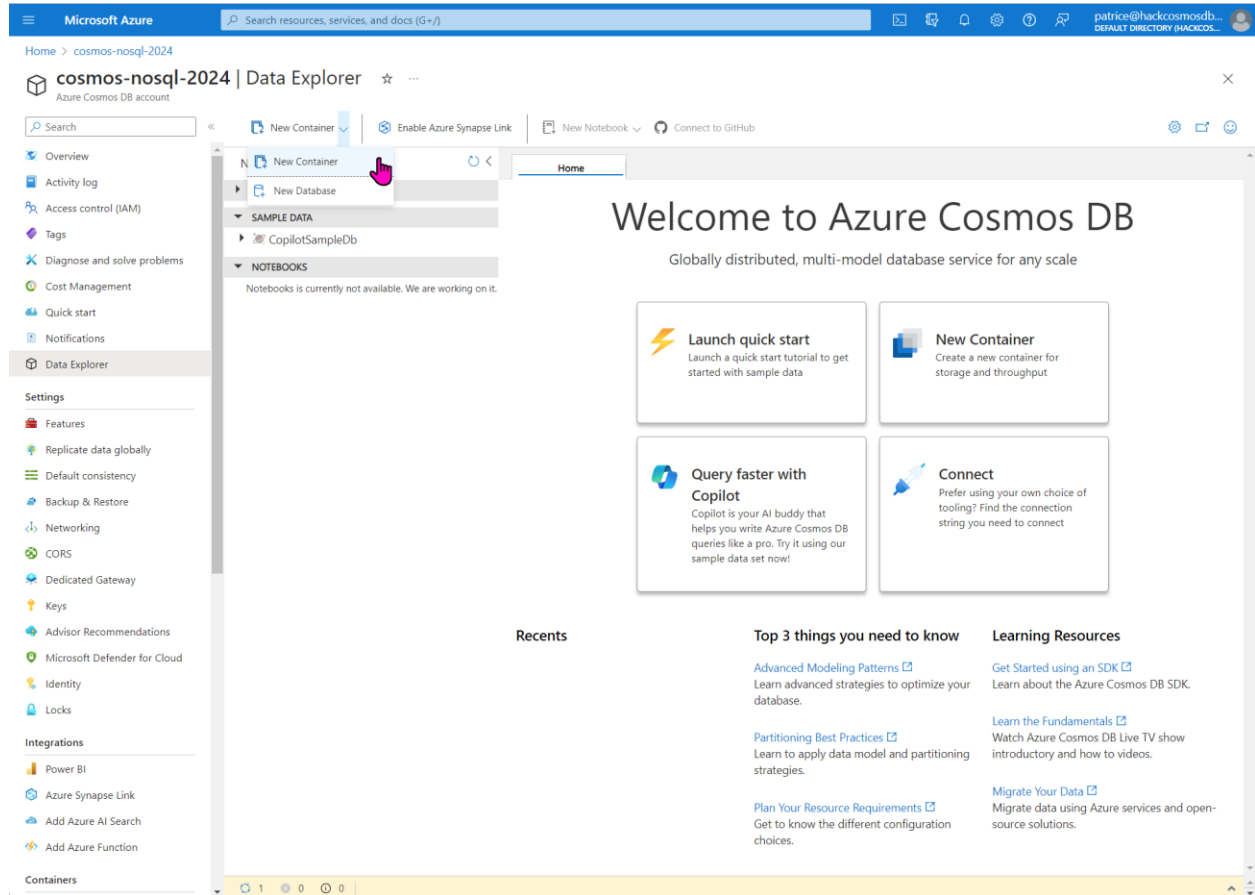
Watch Azure Cosmos DB Live TV show introductory and how to videos.

Migrate Your Data

Migrate data using Azure services and open-source solutions.

Create databases and containers

Click on the down arrow, next to 'New container' and select 'New Container'



Fill the New container form with the following information:

Database id: **database_user01**

Container id: **conversations**

Partition key: **/id**

Click on the 'OK' button

The screenshot displays the Microsoft Azure portal interface. At the top, the header shows 'Microsoft Azure' and a search bar. The main content area is titled 'cosmos-nosql-2024 | Data Explorer'. On the left, a sidebar lists various Azure services and settings. The central pane shows the 'New Container' dialog box, which is used to create a new container for the Cosmos DB account. The dialog includes fields for 'Database Id' (set to 'database_user01'), 'Container Id' (set to 'conversations'), and 'Partition key' (set to '/id'). It also features options for 'Database throughput (autoscale)' and 'Analytical store'. The background shows the 'cosmos-nosql-2024' account page, which includes a 'MY DATA' section with a 'SAMPLE DATA' subsection containing 'CopilotSampleDb'.

Under 'My Data', you should see the database and container freshly created

Microsoft Azure

Search resources, services, and docs (G+)

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SAMPLE DATA

CopilotSampleDb

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Querying triggers for container conversations