

Mount Command Databricks

Creating compute

Opted for single node

Node type is Standard with 16 GB memory and 4 core


Selected 10 minutes for termination after

The screenshot shows the Databricks 'New compute' configuration page for a cluster named 'Deepthi's Cluster'. The left sidebar contains navigation links for Workspace, Recents, Catalog, Workflows, Compute (selected), Marketplace, SQL, SQL Editor, Queries, Dashboards, Genie, Alerts, Query History, SQL Warehouses, Data Engineering, Job Runs, Data Ingestion, and Pipelines. The main content area is titled 'Compute > New compute > Simple form: OFF'. The cluster configuration includes: Policy set to 'Unrestricted'; Multi node and Single node options, with 'Single node' selected; Access mode set to 'Dedicated (formerly: Single user)' and 'Single user access' set to 'Deepthi'; Performance section with 'Databricks runtime version' set to 'Runtime: 15.4 LTS (Scala 2.12, Spark 3.5.0)' and 'Use Photon Acceleration' checked; Node type set to 'Standard_D4ds_v5' with '16 GB Memory, 4 Cores'; and 'Terminate after' set to '010' minutes of inactivity. The 'Tags' section is empty. At the bottom are 'Create compute' and 'Cancel' buttons.

This screenshot shows the same Databricks 'New compute' configuration page, but with the 'Advanced options' section expanded. The 'Node type' is 'Standard_D4ds_v5' (16 GB Memory, 4 Cores) and 'Terminate after' is '010' minutes. The 'Tags' section shows an 'Add tags' form with 'Key' and 'Value' input fields and an 'Add' button. Below this, the 'Automatically added tags' section is visible. The 'Summary' section at the bottom provides a overview of the configuration: '1 Driver', '16 GB Memory, 4 Cores', and 'Runtime: 15.4.x-scala2.12'. The 'Create compute' and 'Cancel' buttons remain at the bottom.

Created a blob storage

[Home](#) >

**deepthiblob_1742315772820** | Overview

Deployment


x << Delete Cancel Redeploy Download Refresh


Overview

Inputs

Outputs

Template

 **Your deployment is complete**

 Deployment name: deepthiblob_17423157... Start time: 3/18/2025, 12:36:23 PM

Subscription: [Azure subscription 1](#) Correlation ID: 4f857a78-21f0-4fb5-8af5-b28196cf2c0a

Resource group: [DKresource](#)

Deployment details

Next steps

[Go to resource](#)

Give feedback

[Tell us about your experience with deployment](#)

Uploaded file to Blob storage, using advanced creating a virtual folder

Microsoft Azure Upgrade Search resources, services, and docs (G+/) Copilot deepthi@ragapriyasara... DEFAULT DIRECTORY (RAGAPRIYASARA...)

Home > deepthiblob_1742315772820 | Overview > deepthiblob | Containers >

edw Container

Search

Upload Change access level Refresh Delete

Overview

Diagnose and solve problems

Access Control (IAM)

Settings

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

Location: edw

Search blobs by prefix (case-sensitive)

Add filter

No results

Upload blob

1 file(s) selected: Emp_Day1 (1).csv

Drag and drop files here or [Browse for files](#)

☐ Overwrite if files already exist

Advanced

Blob type

Block blob

☒ Upload .vhd files as page blobs (recommended)

Block size

4 MiB

Access tier

Hot (Inferred)

Upload to folder

Dataload

Blob index tags

File uploaded

Microsoft Azure Upgrade Search resources, services, and docs (G+/) Copilot deepthi@ragapriyasara... DEFAULT DIRECTORY (RAGAPRIYASARA...)

Home > deepthiblob_1742315772820 | Overview > deepthiblob | Containers >

edw Container

Search

Upload Change access level Refresh Delete Change tier Acquire lease Break lease View snapshots

Overview

Diagnose and solve problems

Access Control (IAM)

Settings

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

Location: edw / Dataload

Search blobs by prefix (case-sensitive)

Show deleted blobs

Add filter

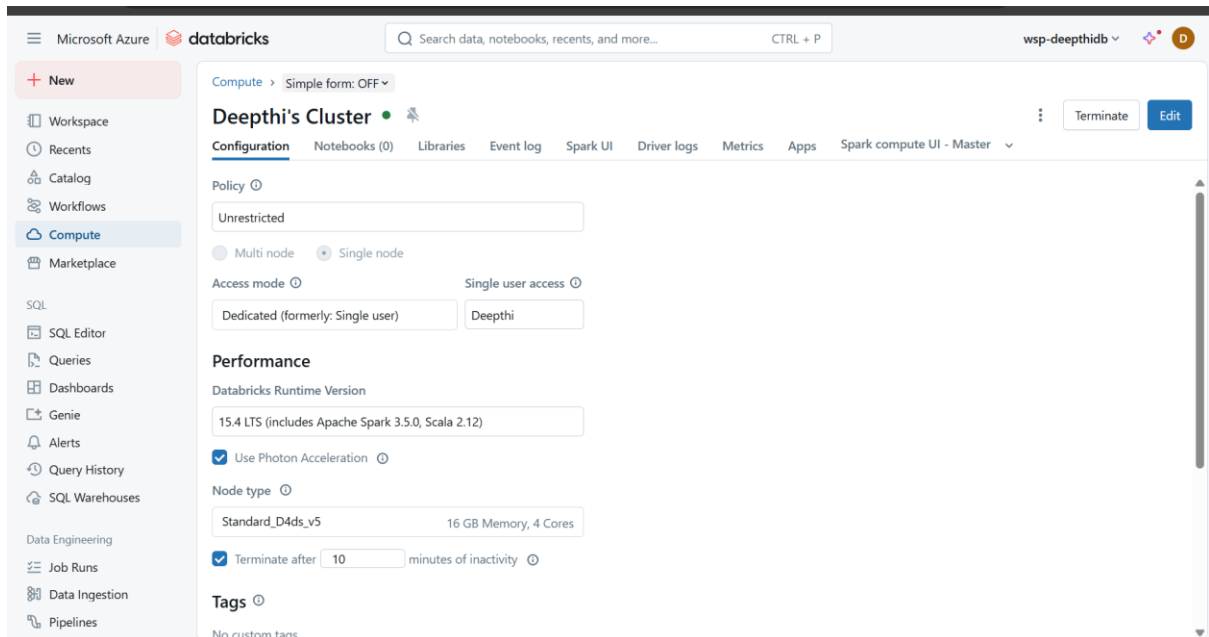
	Name	Modified	Access tier	Archive status	Blob type	Size
<input type="checkbox"/>	[.]					
<input type="checkbox"/>	Emp_Day1 (1).csv	3/18/2025, 12:43:05 ...	Hot (Inferred)		Block blob	135

Successfully uploaded blob(s)

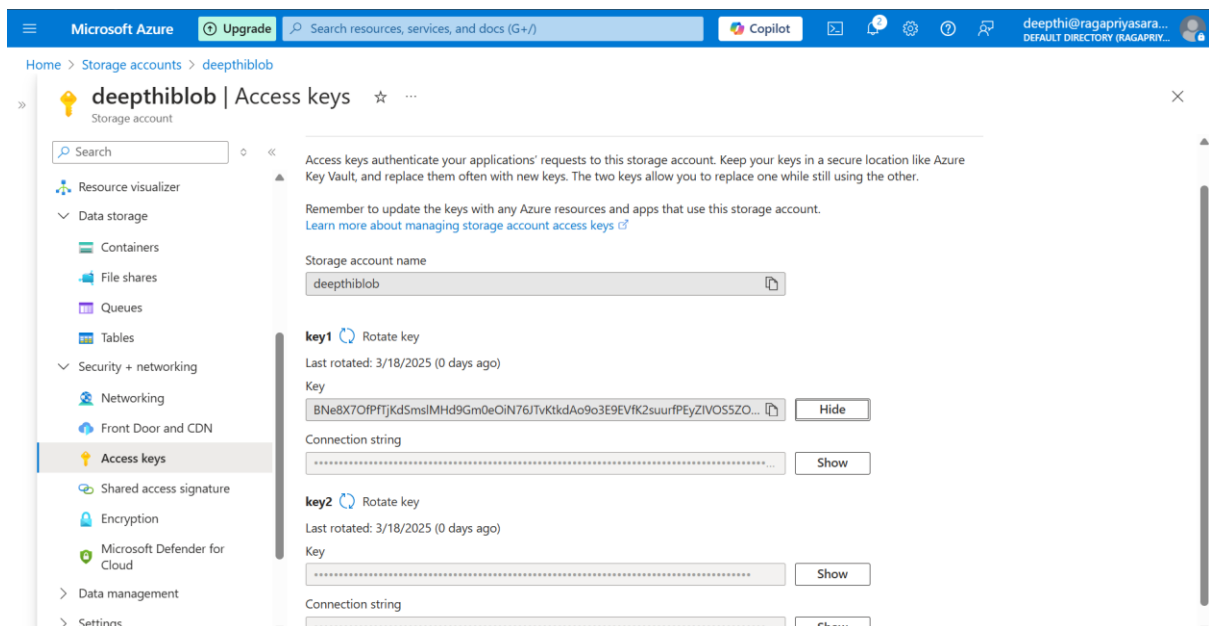
Successfully uploaded 1 blob(s).

Cluster created success

fully



Get the access key from blob storage



When used `dbutils.fs.mkdirs("/mnt/edw/test")` this should create a new folder but as this is blob storage this will not create a folder without any file in it.

Microsoft Azure | Upgrade | Search resources, services, and docs (G+/I) | Copilot | deepthi@ragapriyasara... | DEFAULT DIRECTORY (RAGAPRIY...)

Home > Storage accounts > deepthiblob | Containers >

edw Container

Search

Overview

Diagnose and solve problems

Access Control (IAM)

Settings

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

Location: edw

Search blobs by prefix (case-sensitive)

Show deleted blobs

Add filter

Name	Modified	Access tier	Archive status	Blob type	Size
<input type="checkbox"/> Dataload					
<input type="checkbox"/> test	3/18/2025, 1:39:36 PM	Hot (Inferred)		Block blob	0 B

With a file in it, a folder is created : `dbutils.fs.mkdirs("/mnt/edw/test/test.txt")`

Microsoft Azure | Upgrade | Search resources, services, and docs (G+/I) | Copilot | deepthi@ragapriyasara... | DEFAULT DIRECTORY (RAGAPRIY...)

Home >

edw Container

Search

Overview

Diagnose and solve problems

Access Control (IAM)

Settings

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

Location: edw

Search blobs by prefix (case-sensitive)

Show deleted blobs

Add filter

Name	Modified	Access tier	Archive status	Blob type	Size
<input type="checkbox"/> Dataload					
<input type="checkbox"/> test					
<input type="checkbox"/> test	3/18/2025, 1:39:36 PM	Hot (Inferred)		Block blob	0 B

We can use `put` command to put data into this file `dbutils.fs.put("/mnt/edw/test/test1.txt", "Hello World")`, just a note directory name and file name should be different.

Microsoft Azure | Upgrade | Search resources, services, and docs (G+/I) | Copilot | deepthi@ragapriyasara... | DEFAULT DIRECTORY (RAGAPRIY...)

Home > edw >

edw Container

Search

Overview

Diagnose and solve problems

Access Control (IAM)

Settings

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

Location: edw / test

Search blobs by prefix (case-...)

Show deleted blobs

Add filter

Name	
<input type="checkbox"/> [-]	...
<input type="checkbox"/> test.txt	...
<input checked="" type="checkbox"/> test1.txt	...

test/test1.txt Blob

Save | Discard | Download | Refresh | Delete

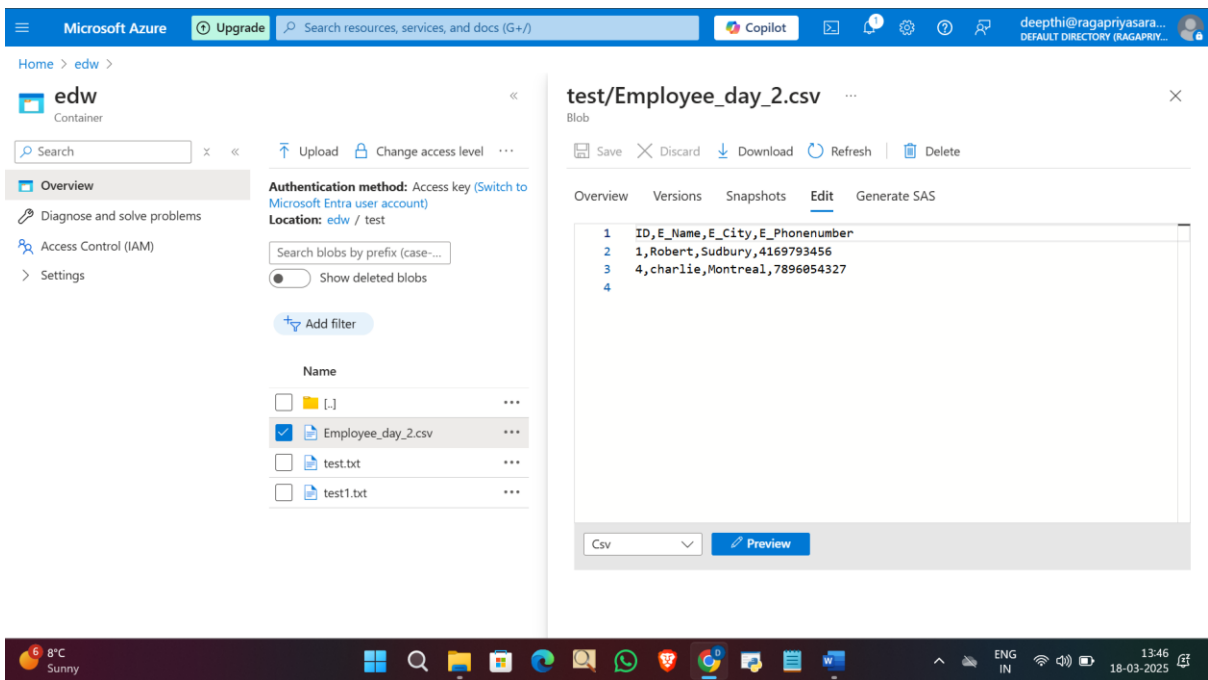
Overview | Versions | Snapshots | Edit | Generate SAS

1 Hello World

Text | Preview

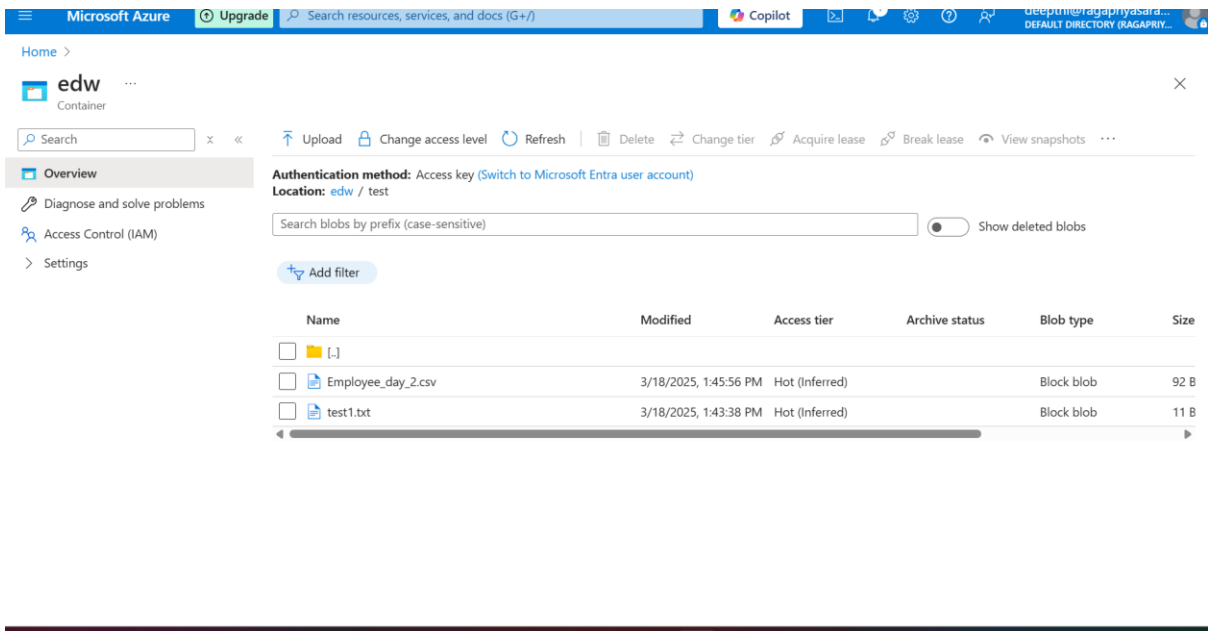
By using cp command: dbutils.fs.cp("/mnt/edw/Dataload/Employee_day_2.csv",
"/mnt/edw/test/Employee_day_2.csv")

We can copy data from one folder to another



Employee_day_2.csv is copied to test folder from Dataload folder

To remove a file or a directory we use rm command: dbutils.fs.rm("/mnt/edw/test/test.txt")



Test.txt file is removed from folder Test