Labs Data & AI Innovation Day

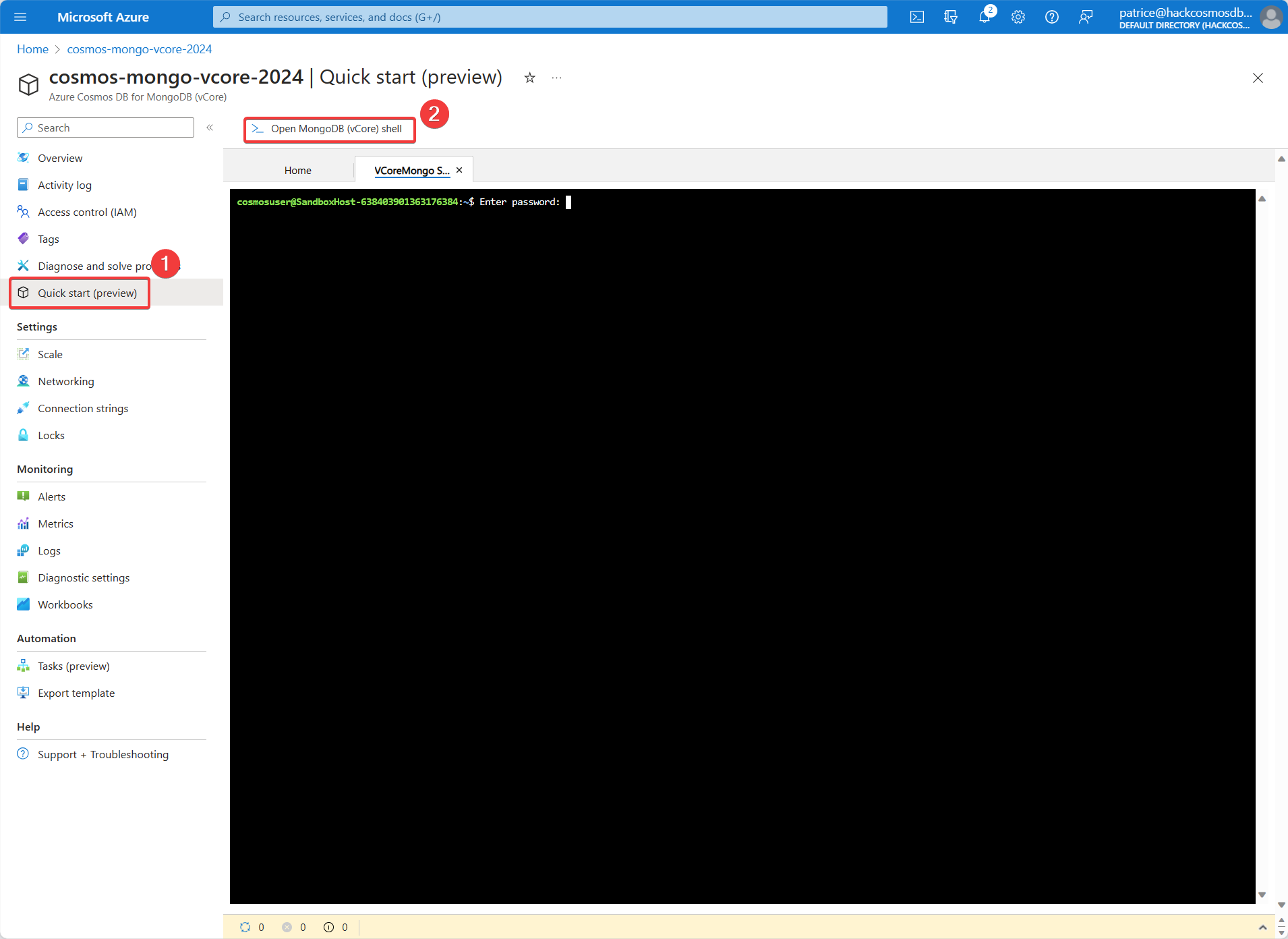
Lab 1: Azure Cosmos DB for MongoDB vCore

This document explains how to create databases and collections in a Cosmos DB for MongoDB vCore account

# Connect to a Cosmos DB for MongoDB vCore account

Connect to an existing Cosmos DB for MongoDB vCore account

1. In the search bar, type ‘Azure Cosmos DB for MongoDB’
2. Click on the instance that was just created e.g. ‘cosmos-mongo-vcore-2024'
3. Click on ‘Quick Start’ in the menu
4. Click on the ‘Open MongoDB (vCore) shell’ button



# Create databases and tables

In the shell, type the following commands:

Enter password: Password1234

use database\_teamXX

db.createCollection("products\_teamXX")

db.runCommand({createIndexes: 'products\_teamXX',indexes: [{name: 'products\_teamXX\_vectorindex',key: {"vectorContent": "cosmosSearch"},cosmosSearchOptions: {kind: 'vector-ivf', numLists: 100, similarity: 'COS', dimensions: 1536}}]});

Verify that the collection was properly created:

show collections

