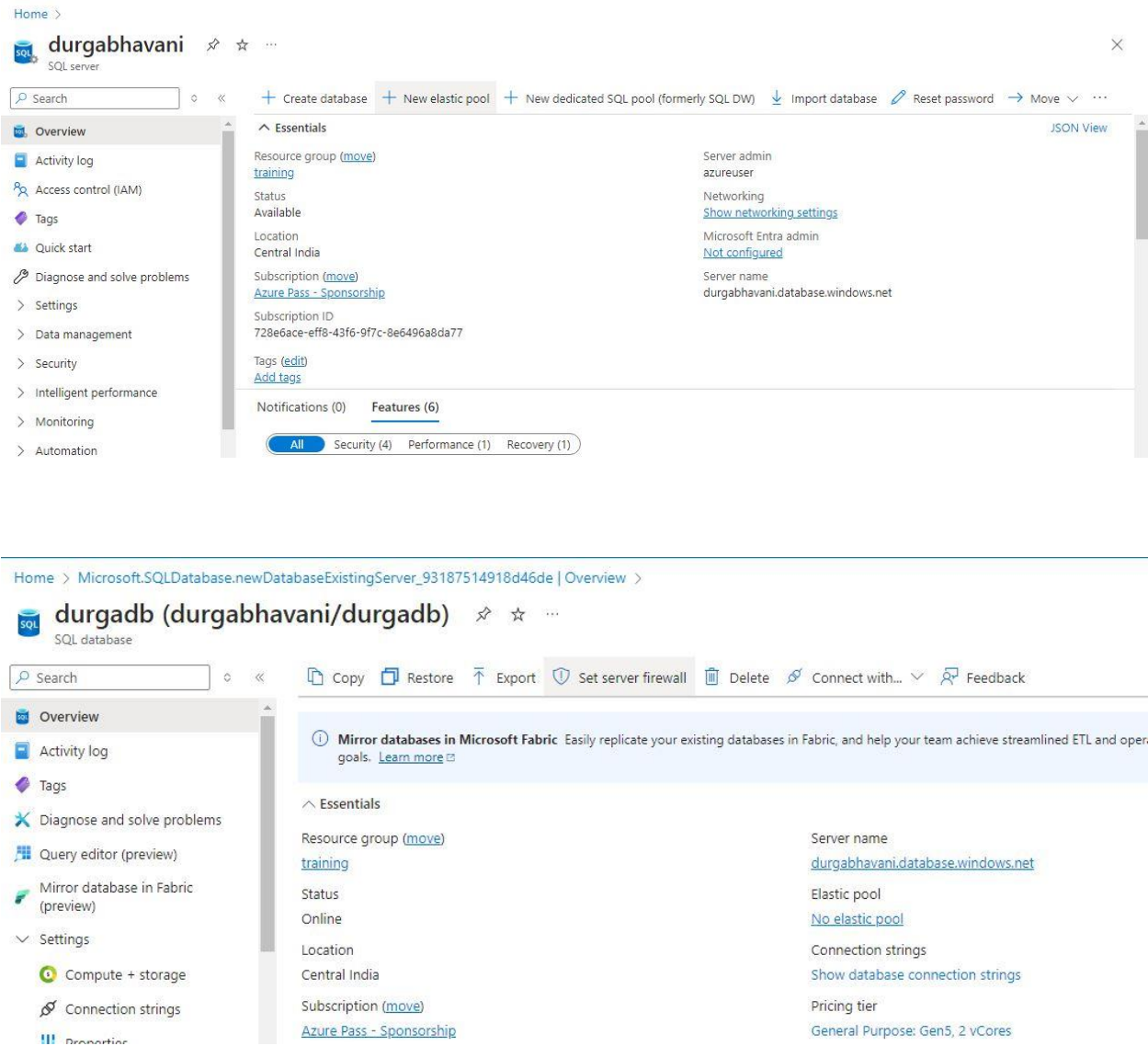


# 1) Create and Configure an Azure SQL Database:



Home > Microsoft.SQLDatabase.newDatabaseExistingServer\_93187514918d46de | Overview > durgadb (durgabhavani/durgadb)

durgadb (durgabhavani/durgadb) | Query editor (preview)

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durgadb (azureuser)

Showing limited object explorer here. For full capability please click here to open Azure Data Studio.

Tables

Views

Stored Procedures

Query 7 x Query 8 x Query 9 x Query 10 x Query 11 x Query 12 x

Run Cancel query Save query Export data as Show only Editor

1 select \* from Department;

2

Results Messages

employee_id	employee_name	salary	department
1	Alice Johnson	55000.00	HR
2	Bob Smith	62000.00	Finance

Home > Microsoft.SQLDatabase.newDatabaseExistingServer\_93187514918d46de | Overview > durgadb (durgabhavani/durgadb)

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durgadb (azureuser)

Showing limited object explorer here. For full capability please click here to open Azure Data Studio.

Tables

Views

Stored Procedures

Query 11 x Query 12 x Query 13 x Query 14 x Query 15 x Query 16 x

Run Cancel query Save query Export data as Show only Editor

1 id,e.name AS employee\_name,d.salary,d.department FROM employee e RIGHT OUTER JOIN

2 d.employee\_id;

Results Messages

2	Bob Smith	62000.00	Finance
3	Charlie Brown	70000.00	IT
4	Diana Prince	58000.00	Marketing

Query succeeded 1.0s

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Showing limited object explorer here. For full capability please click here to open Azure Data Studio.

Tables

Views

Stored Procedures

Query 11 x Query 12 x Query 13 x Query 14 x Query 15 x Query 16 x

Run Cancel query Save query Export data as Show only Editor

1 oye\_id,e.name AS employee\_name,d.salary,d.department FROM employee e LEFT OUTER

2 ON e.employee\_id = d.employee\_id;

Results Messages

2	Bob Smith	62000.00	Finance
3	Charlie Brown	70000.00	IT
4	Diana Prince	58000.00	Marketing

Micron Confidential

Home > Microsoft.SQLDatabase.newDatabaseExistingServer\_93187514918d46de | Overview > durgadb (durgabhavani/durgadb)

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Showing limited object explorer here. For full capability please click here to open Azure Data Studio.

Tables

Views

Stored Procedures

Query 11Query 12Query 13Query 14Query 15Query 16

Run

Cancel query

Save query

Export data as

Show only Editor

1 id,e.name AS employee\_name,d.salary,d.department FROM employee e INNER JOIN depart

2 d.employee\_id;

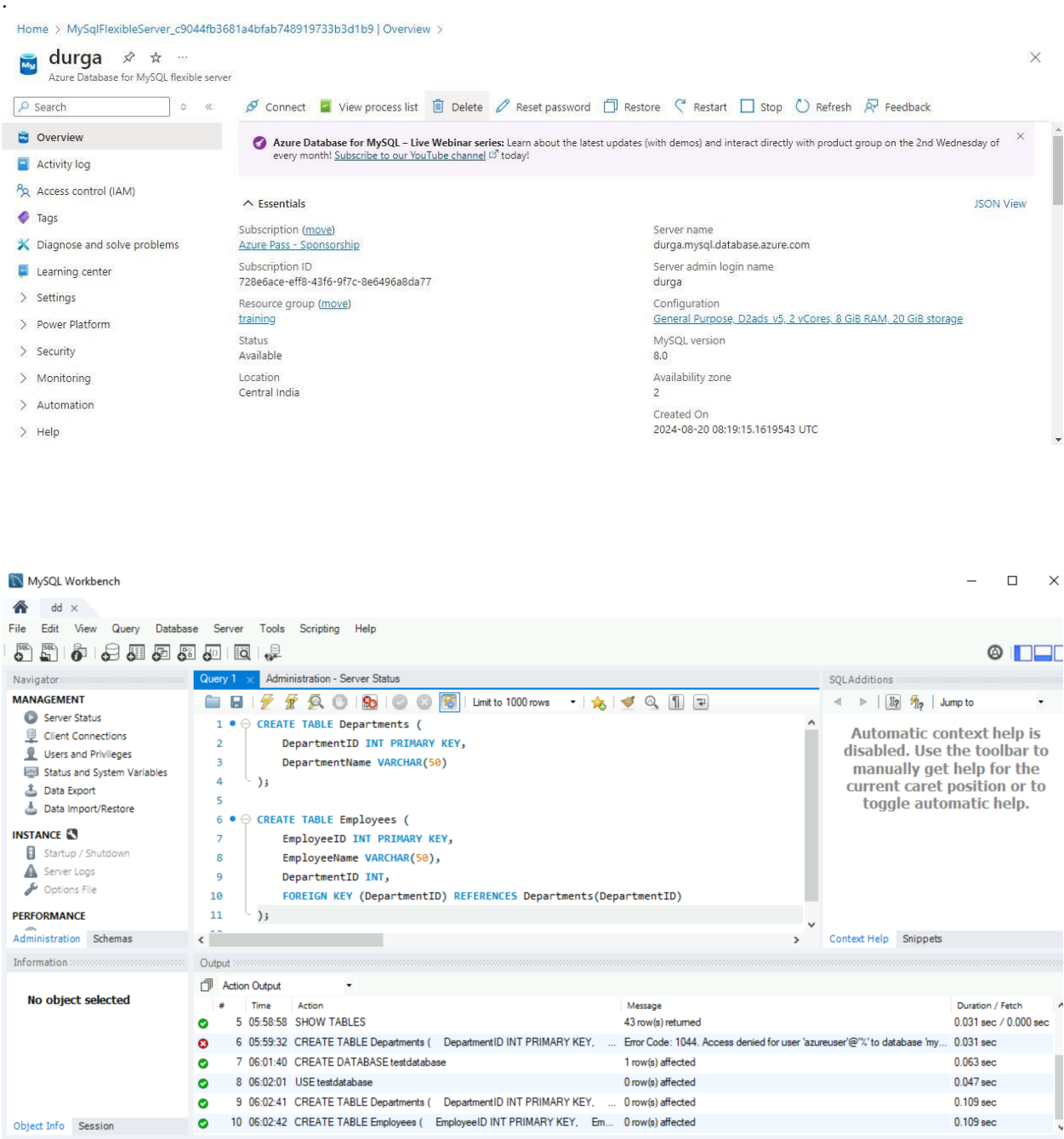
Results

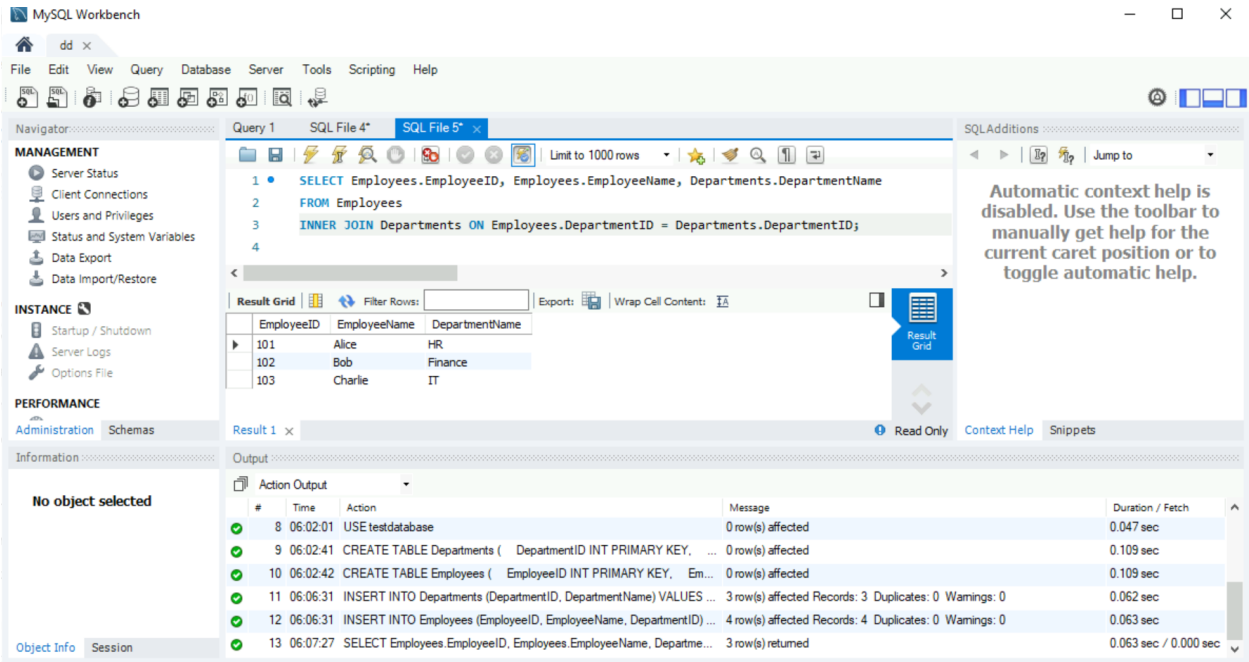
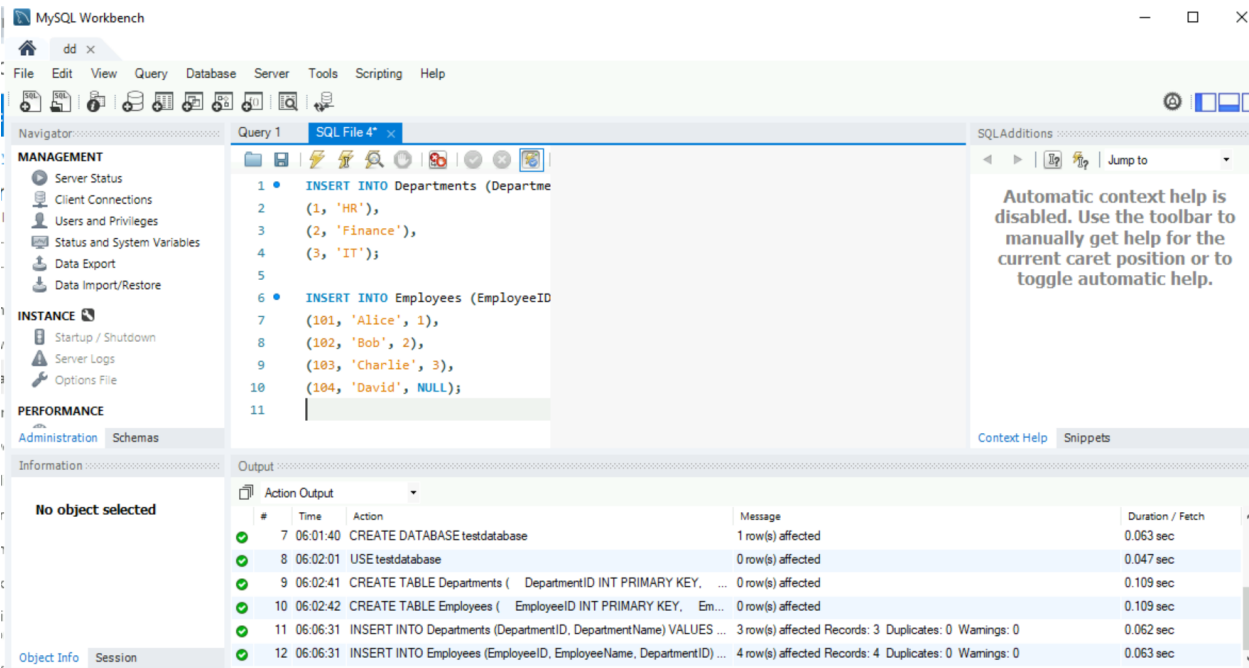
Messages

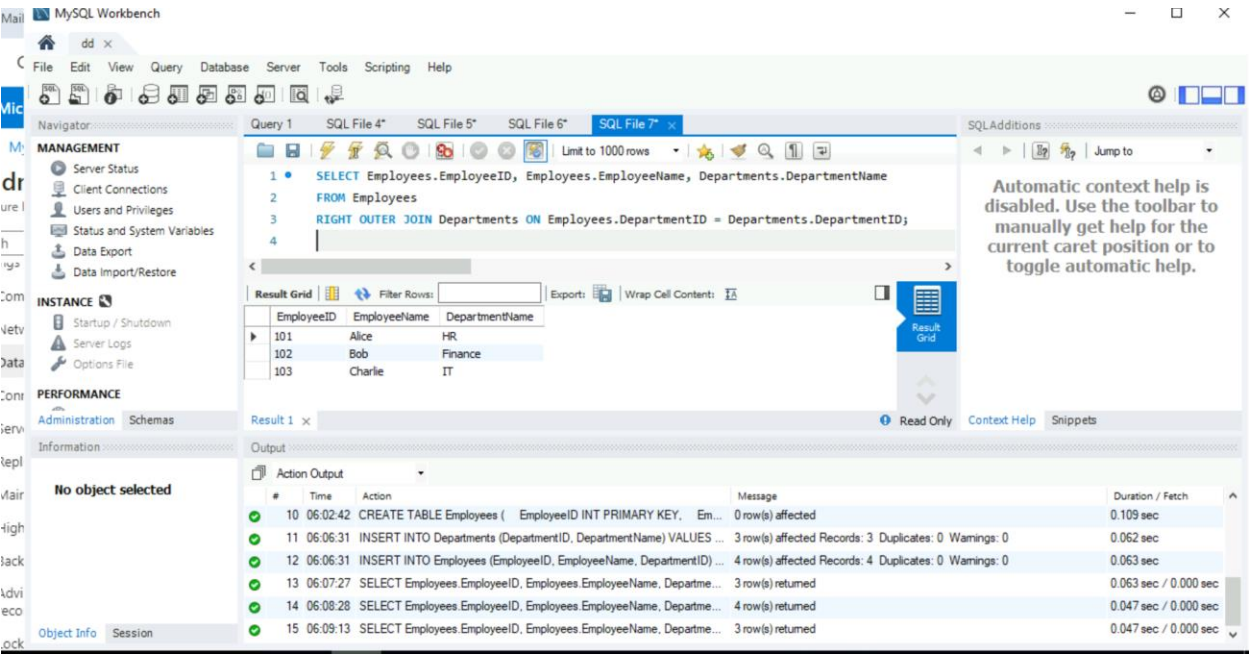
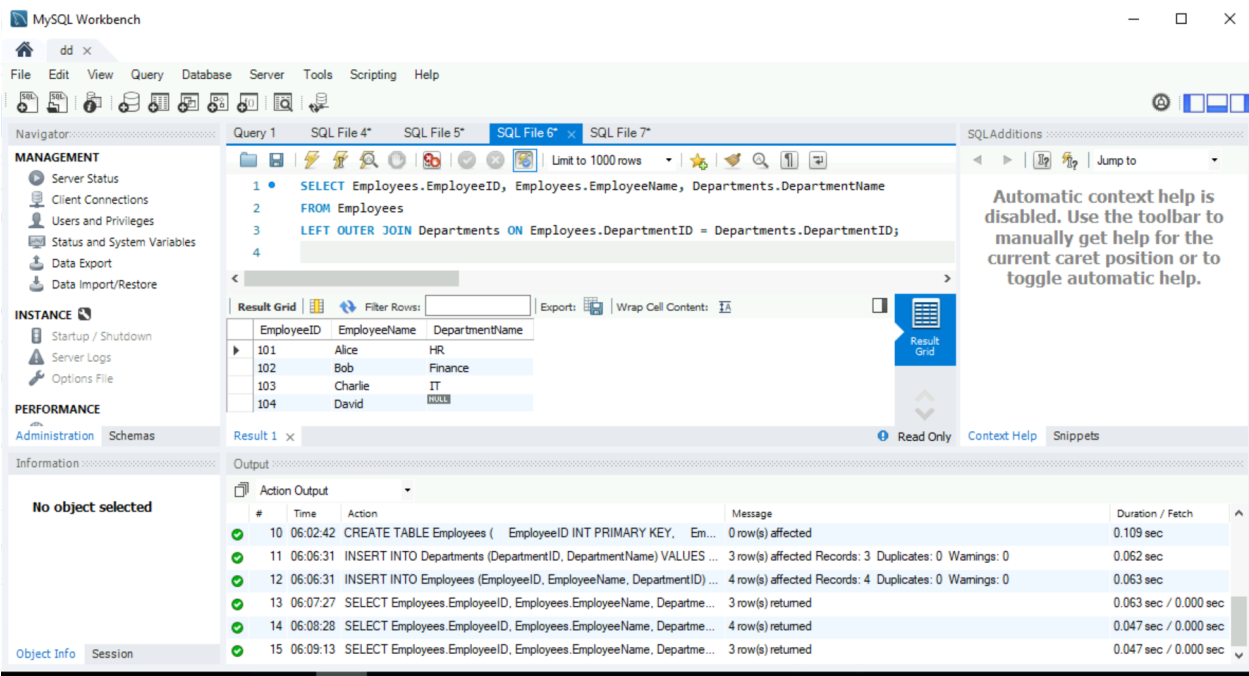
5	Edward Miller	60000.00	Sales
6	Fiona Davis	56000.00	HR

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2) Create and Configure an Azure MYSQL Database:

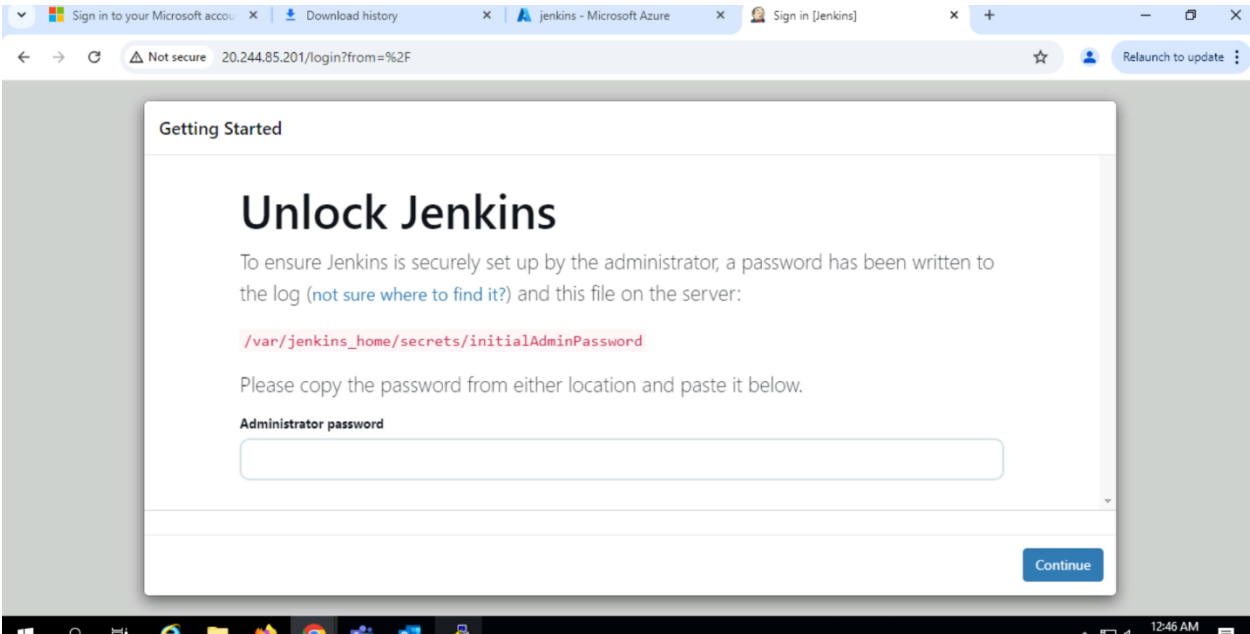
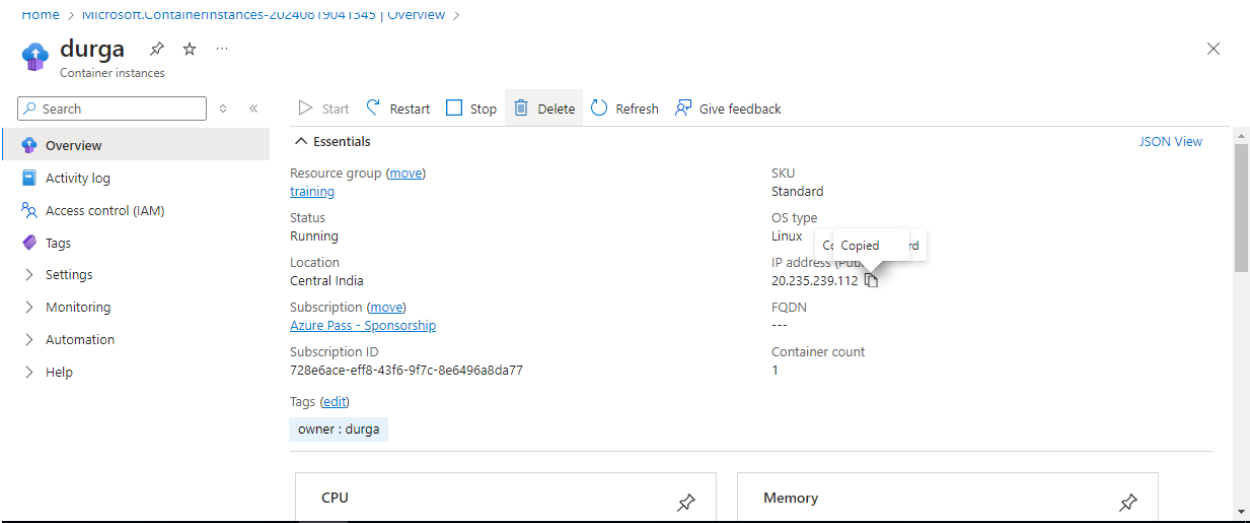




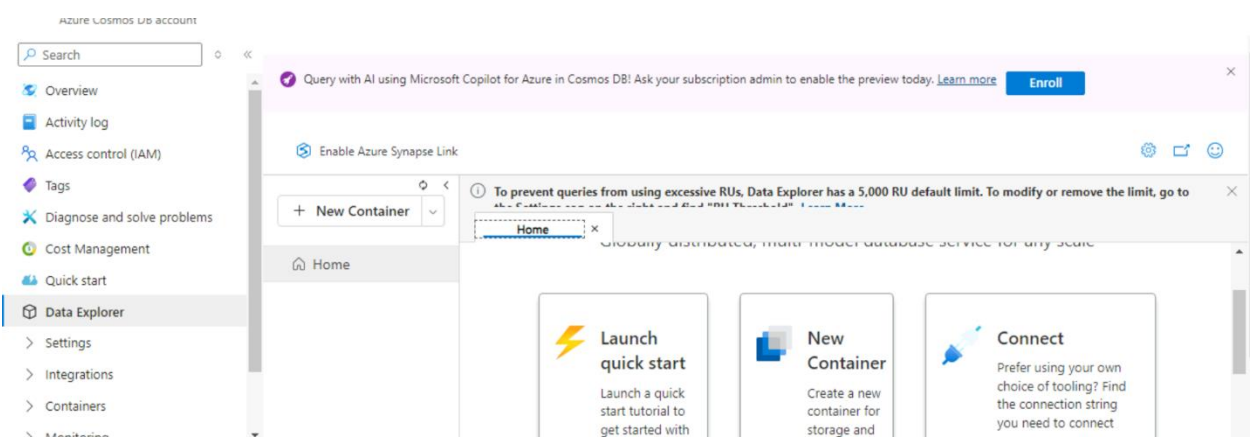
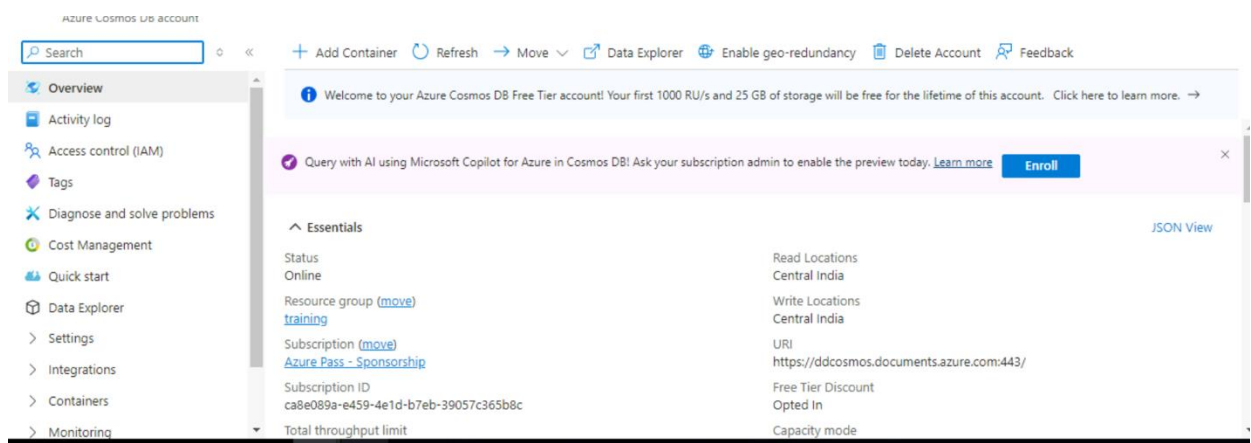




### 3) Host a jenkins image on azure container instance



4) Create and Configure a Cosmos DB Account and demonstrate CRUD (Create, Read, Update, Delete) operations.





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To prevent queries from using excessive RUs, Data Explorer has a 5,000 RU default limit. To modify or remove the limit, go to the Settings icon on the right and find "RU Threshold". [Learn More](#)

SELECT \* FROM c

	id	/category
<input checked="" type="checkbox"/>	0F124781-C991-48A9...	564...
<input type="checkbox"/>	BF87ACE3-C52B-44EA...	7FF...
<input type="checkbox"/>	AFED4FD0-17D1-4CD...	006...
<input type="checkbox"/>	056C459F-DA40-475E...	926...
<input type="checkbox"/>	0B773E1B-8F31-4ED3...	...

Load more

1

2

3

4

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9

10

11

12

13

14

15

```
{
  "id": "0F124781-C991-48A9-ACF2-249771D44829",
  "categoryId": "56400CF3-446D-4C3F-B9B2-68286DA3B899",
  "categoryName": "Bikes, Mountain Bikes",
  "sku": "BK-M688-42",
  "name": "Mountain-200 Black, 42",
  "description": "The product called \"Mountain-200 Black, 42\"",
  "price": 2294.99,
  "tags": [
    {
      "id": "4F67813C-385E-4A3D-B4B0-8C597A491E86",
      "name": "Tag-82"
    }
  ]
}
```

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To prevent queries from using excessive RUs, Data Explorer has a 5,000 RU default limit. To modify or remove the limit, go to the Settings icon on the right and find "RU Threshold". [Learn More](#)

SELECT \* FROM c WHERE c.price > 2000

	id	/category
<input checked="" type="checkbox"/>	0F124781-C991-48A9...	564...
<input type="checkbox"/>	462F8EAF-0988-4D32...	564...
<input type="checkbox"/>	4DA12D36-495E-4DC...	564...
<input type="checkbox"/>	935EB2B7-8D50-4E20...	564...
<input type="checkbox"/>	0B773E1B-8F31-4ED3...	...

Load more

7

8

9

10

11

12

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17

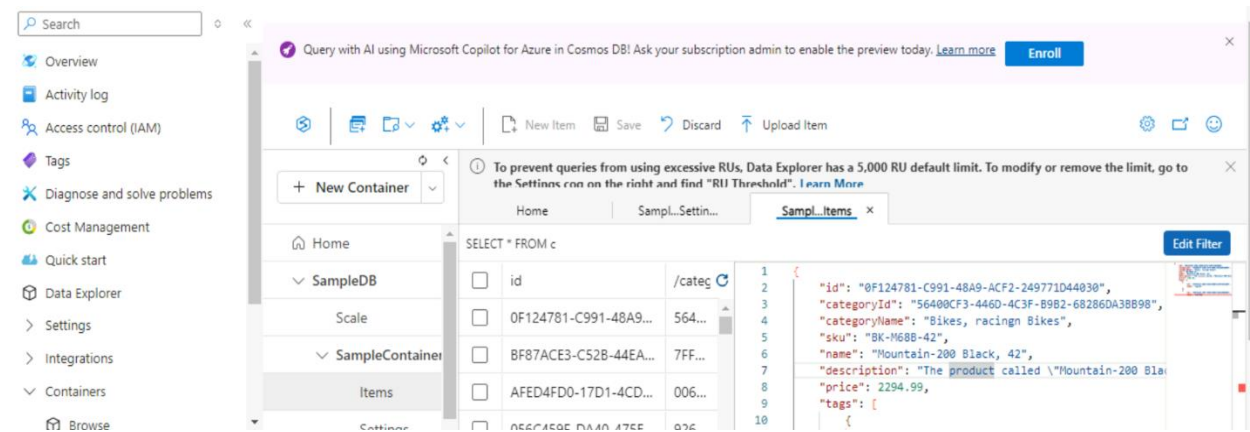
18

19

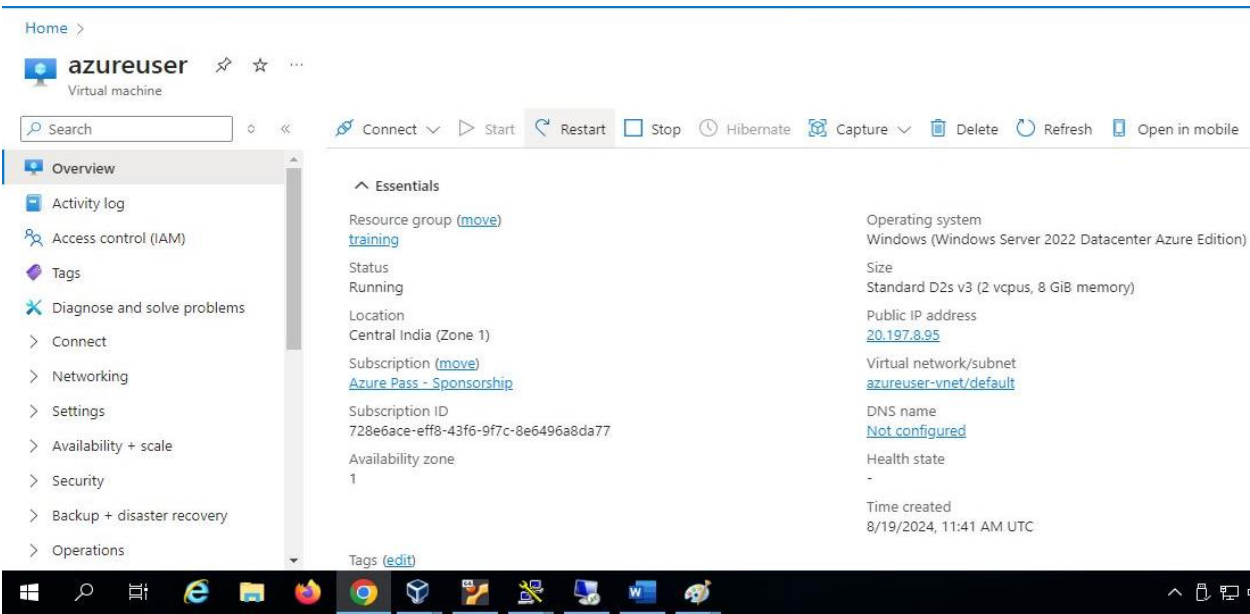
20

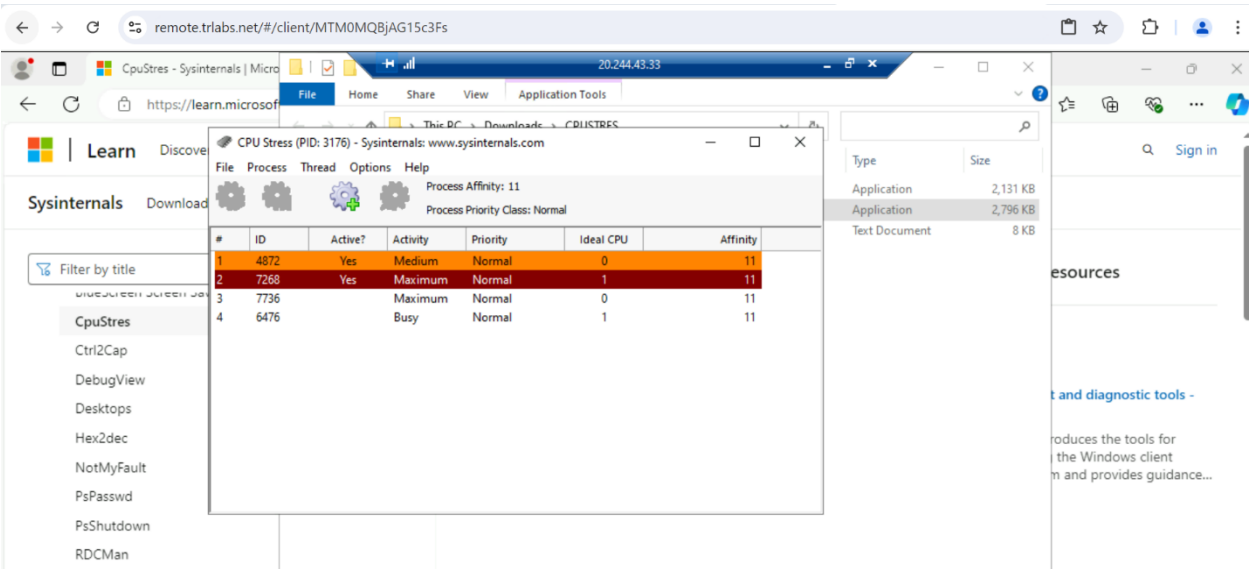
21

```
"description": "The product called \"Mountain-200 Black, 42\"",
"price": 2294.99,
"tags": [
  {
    "id": "4F67813C-385E-4A3D-B4B0-8C597A491E86",
    "name": "Tag-82"
  },
  {
    "id": "59676183-1BD7-48A0-B3B0-42B3C0800E80",
    "name": "Tag-64"
  },
  {
    "id": "89500F13-8516-4F77-8128-47FC4128EFC0",
    "name": "Tag-151"
  }
]
```



5) Create a alert for the high cpu usage with email notification on windows server





Fired:Sev3 Azure Monitor Alert Percentage CPU  
- azureuser on azureuser (  
microsoft.compute/virtualmachines ) at  
8/19/2024 12:13:23 PM

[View the alert in Azure Monitor >](#)

[Investigate >](#)

Summary

Alert name	Percentage CPU - azureuser
Severity	Sev3

