

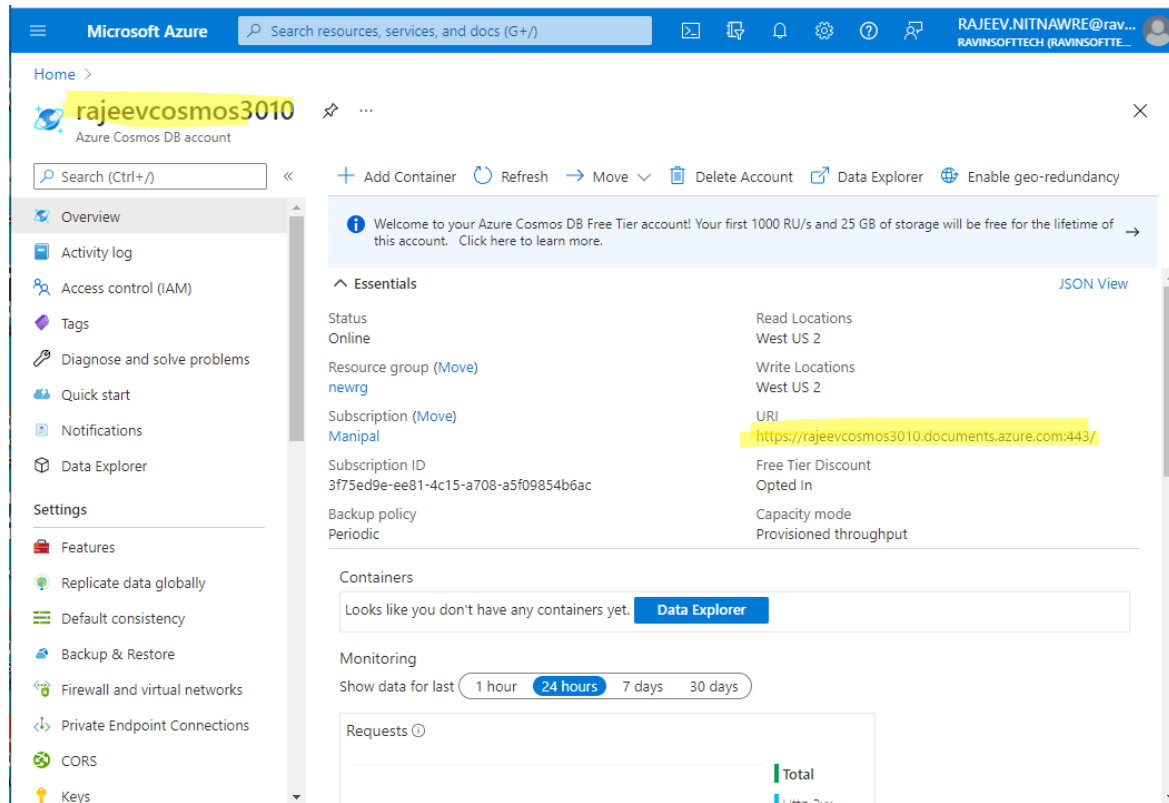
Submission by:

Rajeev Nitnawre (Jig24225) PGCP CC B12

Azure Assignment 2

Azure cosmos DB with node.js application

Creating the cosmos DB



Connecting to the Database using putty

```
Bash

Created new item: 3 - Complete Cosmos DB Node.js Quickstart ⚡
Updated item: 3 - Complete Cosmos DB Node.js Quickstart ⚡
Updated isComplete to true
Deleted item with id: 3
rajeev@Azure:~/azure-cosmos-db-sql-api-nodejs-getting-started$ ls
app.js config.js data LICENSE package.json package-lock.json README.md
rajeev@Azure:~/azure-cosmos-db-sql-api-nodejs-getting-started$ node app.js
Created database:
tasks

Created container:
items

Querying container: Items
1 - Pick up apples and strawberries
2 - Pick up Vegetables

Created new item: 3 - Complete Cosmos DB Node.js Quickstart ⚡
Updated item: 3 - Complete Cosmos DB Node.js Quickstart ⚡
Updated isComplete to true

Deleted item with id: 3
rajeev@Azure:~/azure-cosmos-db-sql-api-nodejs-getting-started$
```

```
Bash
Querying container: Items
1 - Pick up apples and strawberries
2 - Pick up Vegetables

Created new item: 3 - Complete Cosmos DB Node.js Quickstart ⚡

Updated item: 3 - Complete Cosmos DB Node.js Quickstart ⚡
Updated isComplete to true

Deleted item with id: 3
rajeev@Azure:~/azure-cosmos-db-sql-api-nodejs-getting-started$ node app.js
Created database:
tasks

Created container:
items

Querying container: Items
1 - Pick up apples and strawberries
2 - Pick up Vegetables

Created new item: 3 - Pick up Evening Snacks

Updated item: 3 - Pick up Evening Snacks
Updated isComplete to true

rajeev@Azure:~/azure-cosmos-db-sql-api-nodejs-getting-started$
```

Connecting to Cloud Shell

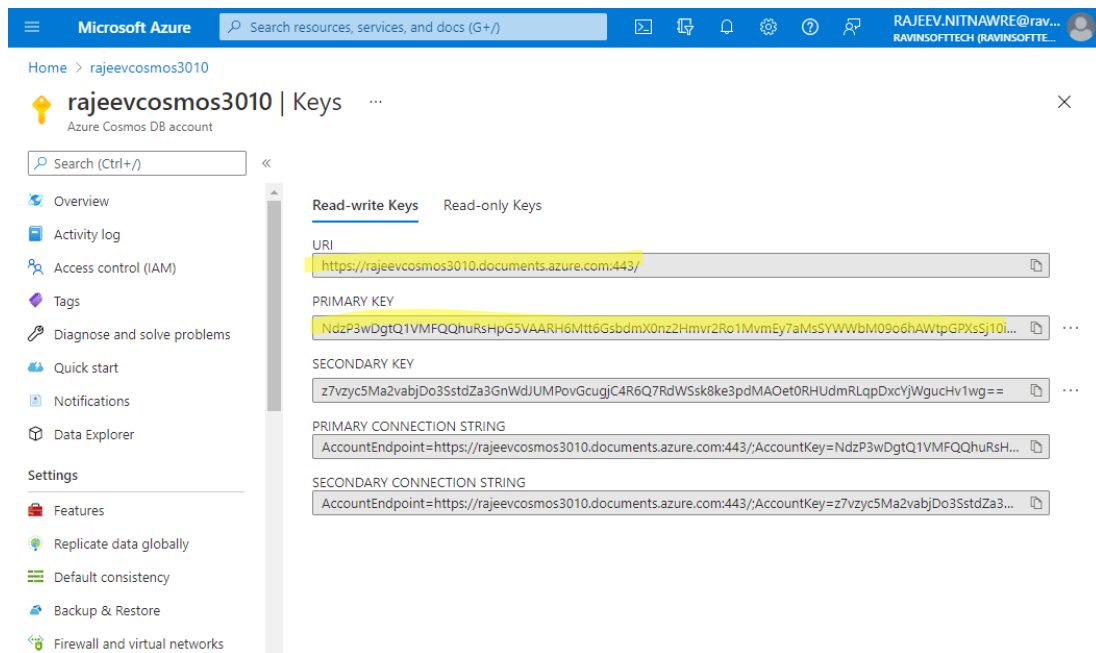
```
Bash
Requesting a Cloud Shell.Succeeded.
Connecting terminal...

Welcome to Azure Cloud Shell

Type "az" to use Azure CLI
Type "help" to learn about Cloud Shell

rajeev@Azure:~$
```

Using the generated URL & Primary Key to connect to the container



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Home > rajeecocosmos3010

rajeecocosmos3010 | Keys

Azure Cosmos DB account

Search (Ctrl+)

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Quick start

Notifications

Data Explorer

Settings

Features

Replicate data globally

Default consistency

Backup & Restore

Firewall and virtual networks

Read-write Keys | Read-only Keys

URI

`https://rajeecocosmos3010.documents.azure.com:443/`

PRIMARY KEY

`NdzP3wDgtQ1VMFQqHuRsHpG5VAARH6Mtt6GsbmX0nz2Hmvr2Ro1MvmEy7aMs5YVWbM09o6hAWtpGPXsSj10...`

SECONDARY KEY

`z7vzyc5Ma2vabjDo3StdZa3GnWdJUMPovGcugjC4R6Q7RdWSsk8ke3pdMAOet0RHUdmRLqDxcvYWgucHv1wg==`

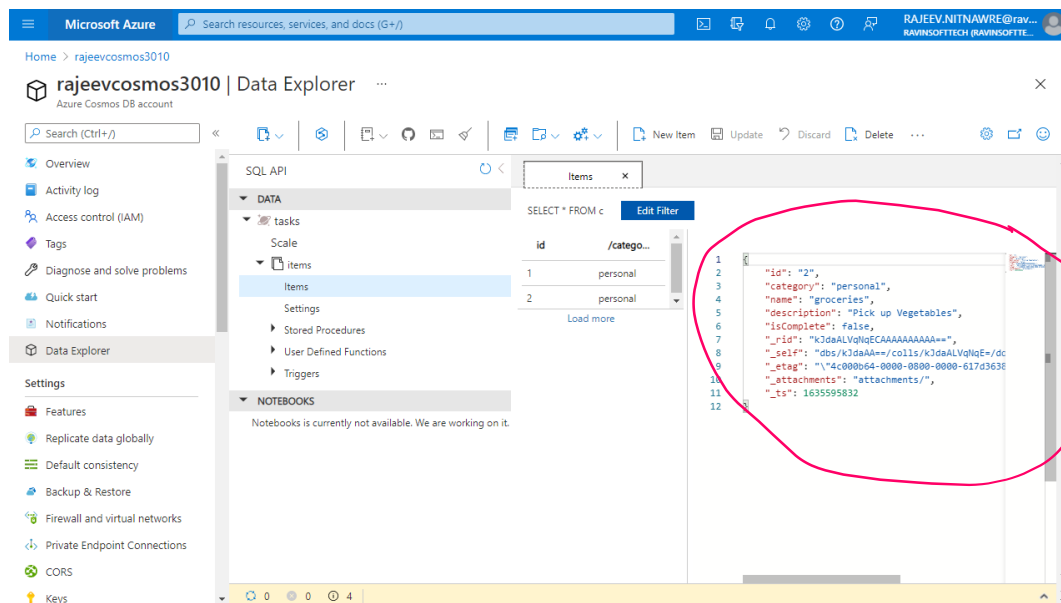
PRIMARY CONNECTION STRING

`AccountEndpoint=https://rajeecocosmos3010.documents.azure.com:443/;AccountKey=NdzP3wDgtQ1VMFQqHuRsH...`

SECONDARY CONNECTION STRING

`AccountEndpoint=https://rajeecocosmos3010.documents.azure.com:443/;AccountKey=z7vzyc5Ma2vabjDo3StdZa3...`

Container created



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rajeecocosmos3010 | Data Explorer

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Private Endpoint Connections

CORS

Keys

SQL API

DATA

tasks

Scale

items

Settings

Stored Procedures

User Defined Functions

Triggers

NOTEBOOKS

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

SELECT * FROM c

id /category...

1 personal

2 personal

Load more

Items

1

2

3

4

5

6

7

8

9

10

11

12

```
{
  "id": "2",
  "category": "personal",
  "name": "groceries",
  "description": "Pick up Vegetables",
  "isComplete": false,
  "_rid": "K3daALVqIECAAAAAAAAA==",
  "_self": "dbs/K3daAA=/colls/K3daALVqIE=/dc",
  "_etag": "\"14c080b64-0000-0000-0000-617d3636\"",
  "_attachments": "attachments/",
  "_ts": 1635595832
}
```

```
Bash
```

```
rajeev@Azure:~$ git clone https://github.com/Azure-Samples/azure-cosmos-db-sql-api-nodejs-getting-started.git
Cloning into 'azure-cosmos-db-sql-api-nodejs-getting-started'...
remote: Enumerating objects: 112, done.
remote: Counting objects: 100% (31/31), done.
remote: Compressing objects: 100% (25/25), done.
remote: Total 112 (delta 14), reused 9 (delta 4), pack-reused 81
Receiving objects: 100% (112/112), 37.39 KiB | 18.69 MiB/s, done.
Resolving deltas: 100% (47/47), done.
rajeev@Azure:~$
```

Microsoft Azure

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

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rajeevcosmos3010

Azure Cosmos DB account

Search (Ctrl+J) « + Add Container ↻ Refresh → Move 🗑 Delete Account 🔍 Data Explorer ⚙ Enable geo-redundancy

Welcome to your Azure Cosmos DB Free Tier account! Your first 1000 RU/s and 25 GB of storage will be free for the lifetime of this account. Click here to learn more. →

Essentials

Status : Online
Read Locations : West US 2
Resource group (Move) : newrg
Write Locations : West US 2
Subscription (Move) : Manipl
URI : https://rajeevcosmos3010.documents.azure.com:443/
Subscription ID : 3f75ed9e-ee81-4c15-a708-a5f09854b6ac
Free Tier Discount : Opted In
Backup policy : Periodic
Capacity mode : Provisioned throughput

Containers

ID	Database	Throughput (RU/s)
items	tasks	400 (Shared)

Monitoring

Show data for last 1 hour 24 hours 7 days 30 days

Requests ⓘ

Total
Http 2xx
Http 400

Estimated Cost (hourly) ⓘ

Throughput
Storage