

Cosmos DB for free

What's in it for me?

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Johan Grønstad
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Globally distributed, multi-model database service

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SQL
Cassandra
MongoDB
Gremlin
Azure Table Storage

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Cache

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Free?

400 RU/s

5 GB of storage

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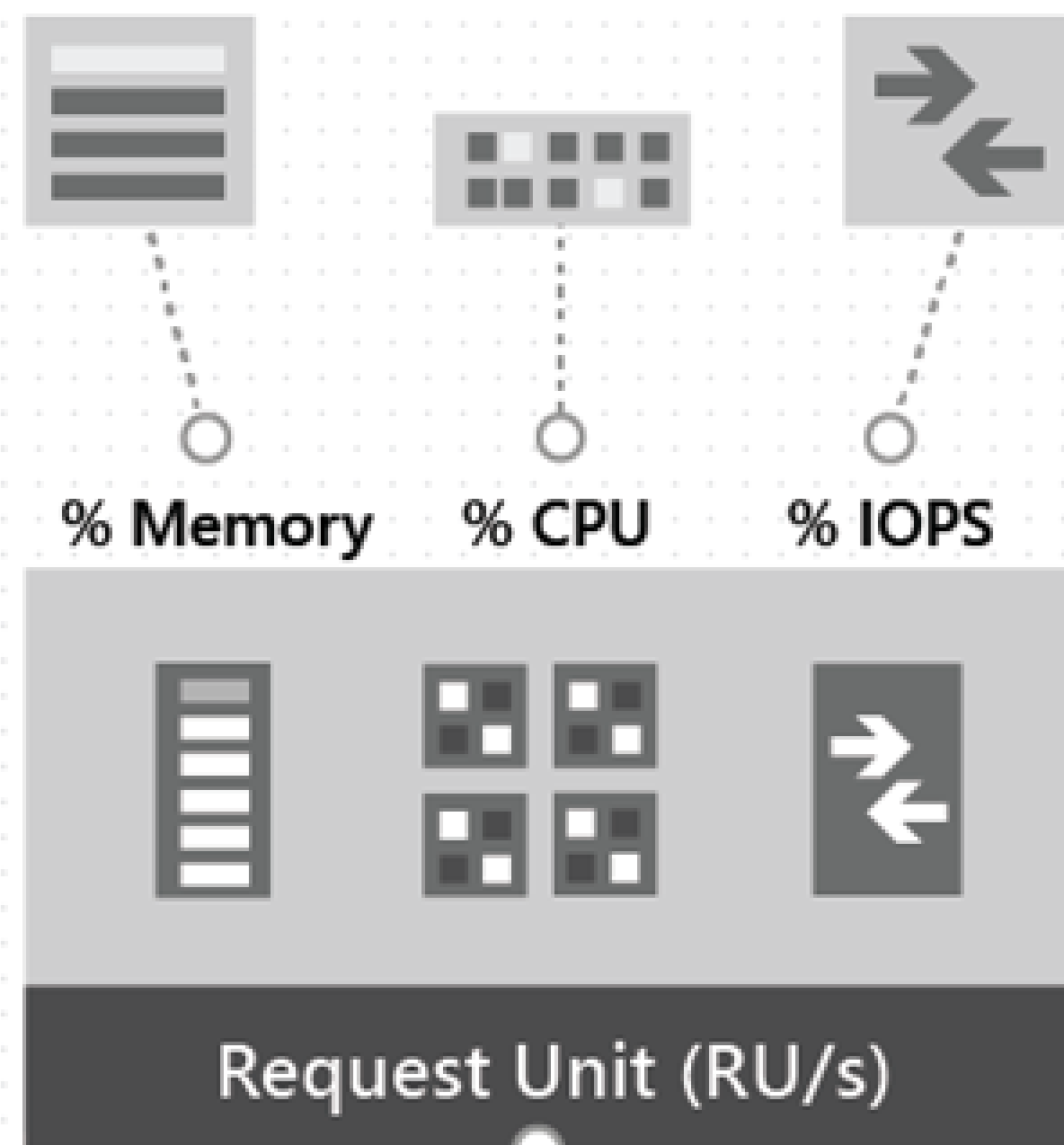
RU?

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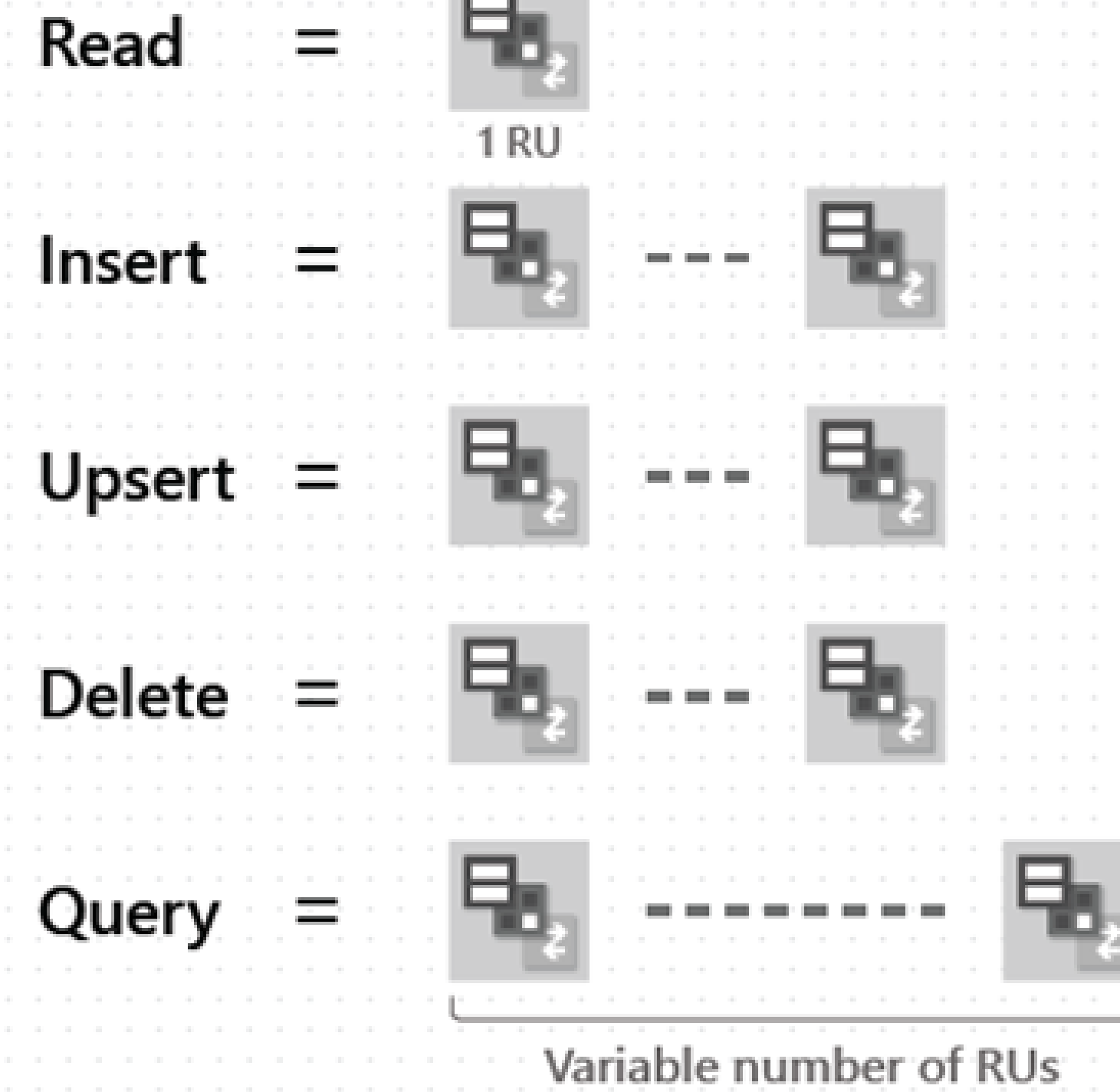
RU?



Usage is expressed in Request Units



Database operations consume a variable number of RUs





Johan Grønstad

@pr0nin



[@AzureCosmosDB](#) I'm trying to find out how I can use 'az cosmosdb create' to create a database with the enableFreeTier property set to true. My searches are not coming up with a solution. Any tips for where I can find the documentation or an example?

10:04 PM · Apr 9, 2020 · [Twitter for Android](#)

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Mark Brown @markjbrown · Apr 9

Replying to @pr0nin and @AzureCosmosDB

Hi Johan. We don't have az cli support for that just yet but I did create an ARM Template that does it.

gist.github.com/markjbrown/03d...

Working on PS and az cli.

The advertisement features a dark blue background with a grid of white dots. On the left, a vertical column of dots is partially obscured by a semi-transparent grey rectangle. To the right, a wavy white line is visible. The GitHub logo (a white octocat) is positioned to the left of the text "GitHub Gist" in a large, white, sans-serif font. Below this, there are two lines of smaller white text: "Create a Cosmos DB free-tier account and database with 400 RU" and "Create a Cosmos DB free-tier account and database with 400 RU - free-tier-arm-template-example". At the bottom, there is a link icon followed by the text "gist.github.com".

Create a Cosmos DB free-tier account and database with 400 RU

Create a Cosmos DB free-tier account and database with 400 RU - free-tier-arm-template-example

gist.github.com

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 **GitHub Gist**

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GitHub

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Create a Cosmos DB free-tier account
tier-arm-template-example

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GitHub G

Create a Cosmos DB free-tier account and use with 400 RU

Create a Cosmos DB free-tier account and use with 400 RU - free-tier-arm-template-example

gist.github.com



Demo: Notebook

Demo: SQL Query

SDK: v2 vs v3

SDK: v2 vs v3

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Azure CLI

```
az cosmosdb keys list  
--name fagkveld  
--resource-group fagkveld
```

```
az cosmosdb keys list  
--name fagkveld  
--resource-group fagkveld  
--query primaryKey
```

```
az cosmosdb keys list
--name fagkveld
--resource-group fagkveld
--query primaryMasterKey 2>&1
| sed -e 's/\\r//g' -e 's/^"//' -e 's/"$//'
| xargs dotnet user-secrets set
CosmosDb:authorizationKey
```


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@pr0nin