



AZ COMMAND LINE

Creating Cosmos Db Server

a. Declare Variables

```
#!/bin/bash  
# Set variables for the new SQL API account, database, and container  
resourceGroupName='myResourceGroup'  
location='southcentralus'  
accountName='myaccountname' #needs to be lower case  
databaseName='myDatabase'  
containerName='myContainer'
```

b. Create the Resource Group

```
az group create \ --name $resourceGroupName \ --location $location
```

c. Create the server on Azure! 😊 (ain't that cool?)

```
az cosmosdb create \ --resource-group $resourceGroupName \ --name  
$accountName \ --kind GlobalDocumentDB \ --locations "South Central  
US"=0 "North Central US"=1 \ --default-consistency-level "Session" \  
--enable-multiple-write-locations true
```

PLEASE TURN OVER 😊 !

C# COSMOS DB (SQL API) SDK

Index	METHOD NAME	DESCRIPTION
1	public DocumentClient (Uri serviceEndpoint, System.Security.SecureString authKey);	Initializes a new instance of the <u>DocumentClient</u> class using the specified Azure Cosmos DB service endpoint, key.
2	CreateDocumentAsync(Uri, Object, RequestOptions, Boolean, CancellationToken)	Creates a document as an asynchronous operation in the Azure Cosmos DB service.
3	DocumentClient.CreateDatabaseIfNotExistsAsync(Database, RequestOptions) Method	Creates(if doesn't exist) or gets(if already exists) a database resource as an asynchronous operation in the Azure Cosmos DB service. You can check the status code from the response to determine whether the database was newly created(201) or existing database was returned(200)
4	<u>CreateDocumentCollectionIfNotExistsAsync(Uri, DocumentCollection, RequestOptions)</u>	Creates(if doesn't exist) or gets(if already exists) a collection as an asynchronous operation in the Azure Cosmos DB service.

5	CreateDocumentQuery(Uri, String, FeedOptions)	Extension method to create a query for documents in the Azure Cosmos DB service.
6	CreateDocumentQuery<T>(Uri, FeedOptions)	Extension method to create a query for documents in the Azure Cosmos DB service.

References:

https://www.iconfinder.com/icons/99093/command_prompt_icon

<https://docs.microsoft.com/en-us/azure/cosmos-db/scripts/create-database-account-collections-cli?toc=%2fcli%2fazure%2ftoc.json>