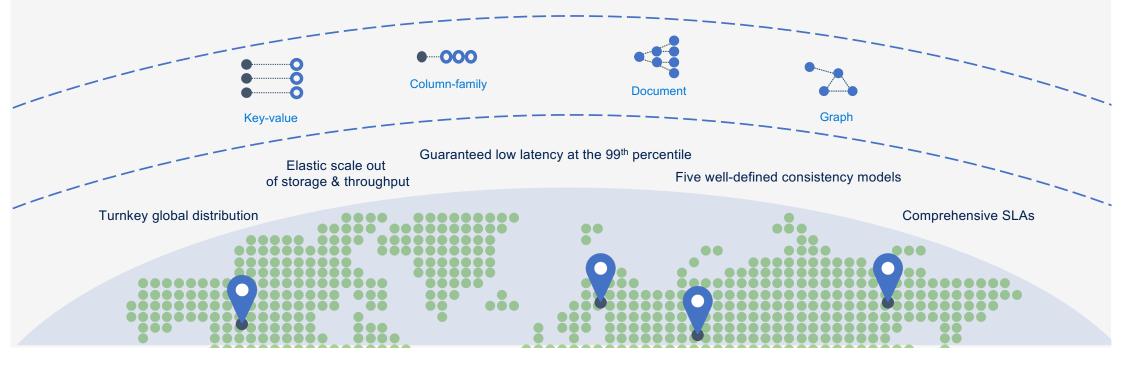
What is Azure Cosmos DB

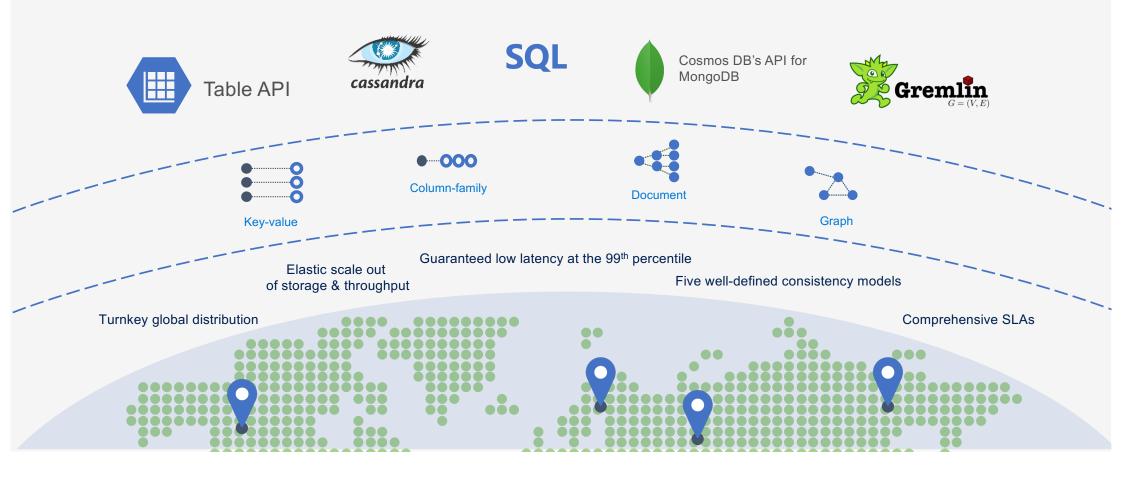


A fully-managed globally distributed NoSQL database service built to

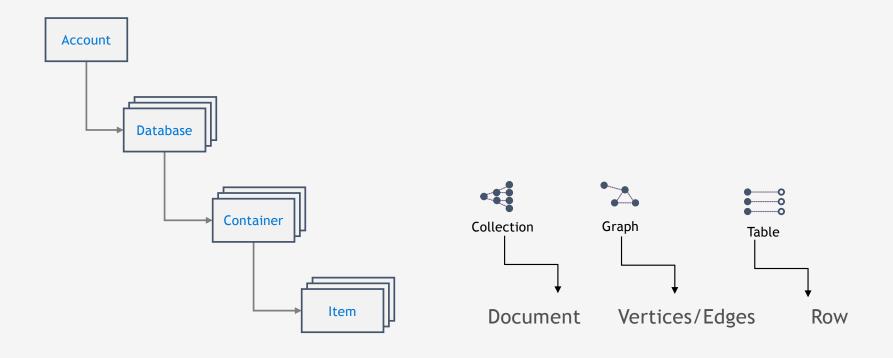
Guarantee extremely low latency and massive scale for modern apps





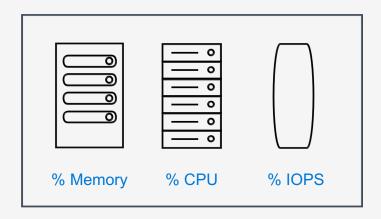


Azure Cosmos DB: Resource Model



Azure Cosmos DB: Request Units

Request Units (RUs) is a rate-based currency - e.g. 1000 RU/second



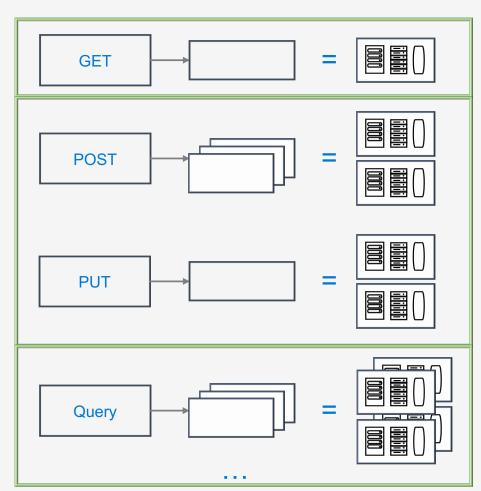
Abstracts physical resources for performing requests

Azure Cosmos DB: Request Units

Approx. 1 RU = 1 read of 1 KB document

Approx. 5 RU = 1 write of a 1KB document

Query: Depends on query & documents involved



Azure Cosmos DB: What it costs



Unit	Price (for most Azure regions)
SSD Storage (per GB)	0.25 € per month
Provisioned Throughput (single region writes)	5.91 €/month per 100 RU/s
Serverless	0.236 € / 1,000,000 RU

Demo: Azure Cosmos DB



Create an Azure Comos DB Account

Create a database

Create a collection

Insert / query items

Exercise



Challenge 3 - Receive the events from Event Grid and

store the data inside a Cosmos DB