Working with Azure Databases

Matt Milner
DEVELOPER

@milnertweet www.mattmilner.com

Overview

Understanding SQL in Azure

Working with Cosmos DB in .NET

Relational Databases in Azure

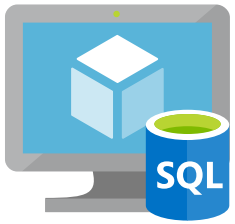
Additional database options available as a service.

PostgreSQL

MySQL

MariaDB

Microsoft SQL Server in Azure



SQL Server in Azure VM

SQL Managed Instances

Azure SQL Database

Several SQL options

Coding is familiar in all!

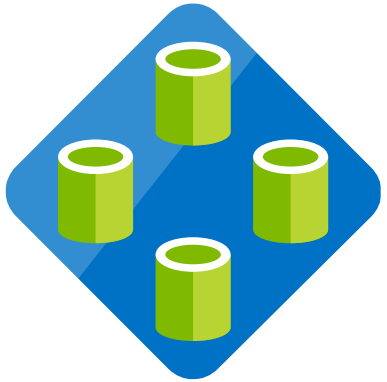
Azure SQL Database Options

Single Instance

Serverless

Hyperscale

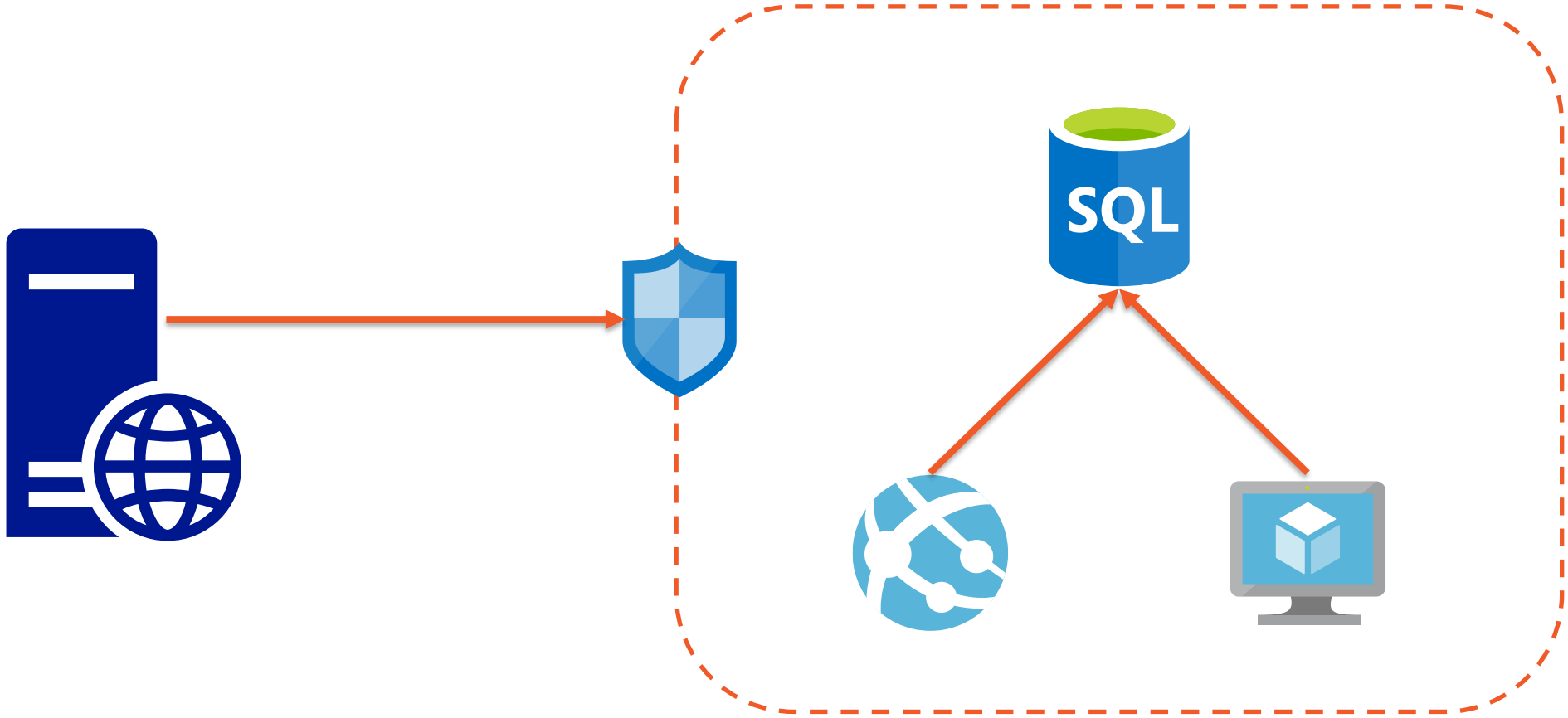
Azure SQL Database Management



Elastic Pools

Azure SQL Server

Networking with Azure SQL



Azure Cosmos DB

Multi-model database

Global scale and availability

Azure Cosmos DB API Choices

- SQL (core)
- Azure Table
- Cassandra
- Gremlin (graph)
- MongoDB API

Summary

Relational databases that are familiar

Global scale, multi-model databases

Storing and retrieving documents