Azure SQL Managed Instance Fundamentals 101

Azure SQL Managed Instance Overview

- ❑ Azure SQL Managed Instance is a fully managed instance-as-a-service, with almost 100% feature parity with the SQL Server database engine

- ❑ Best for most migrations to Azure cloud:
  - ❑ allows existing SQL Server customers to lift and shift their on-prem apps to the cloud

Managed Instance

- ❑ Reduce management overhead and TCO – PaaS offering
  - ❑ Automatic patching, versioning and updates, HA - high availability

Azure SQL MI – Key Features and Benefits

- ❑ Combines best features of SQL Database & Server Engine

- ❑ 1. It's a PaaS offering

- ❑ 2. Business continuity

- ❑ 3. Security and compliance

- ❑ 4. Management

Managed
Instance

SQL MI Purchasing Model & Service Tiers

❑ vCore - Allows you to change compute, memory, and storage, based on your workload needs

❑ Azure SQL MI is available in two service tiers:
  - ❑ General purpose
    - ❑ Typical performance and I/O latency
  - ❑ Business critical
    - ❑ Low I/O latency
  - ❑ 99.99% availability

Managed Instance

Microsoft Azure Fundamentals
Training Bootcamp

Thank you