

10 de junho

1º TECH CONNECTION Balneário Camboriú



Apoio



Patrocinadores



CDB
Data Solutions



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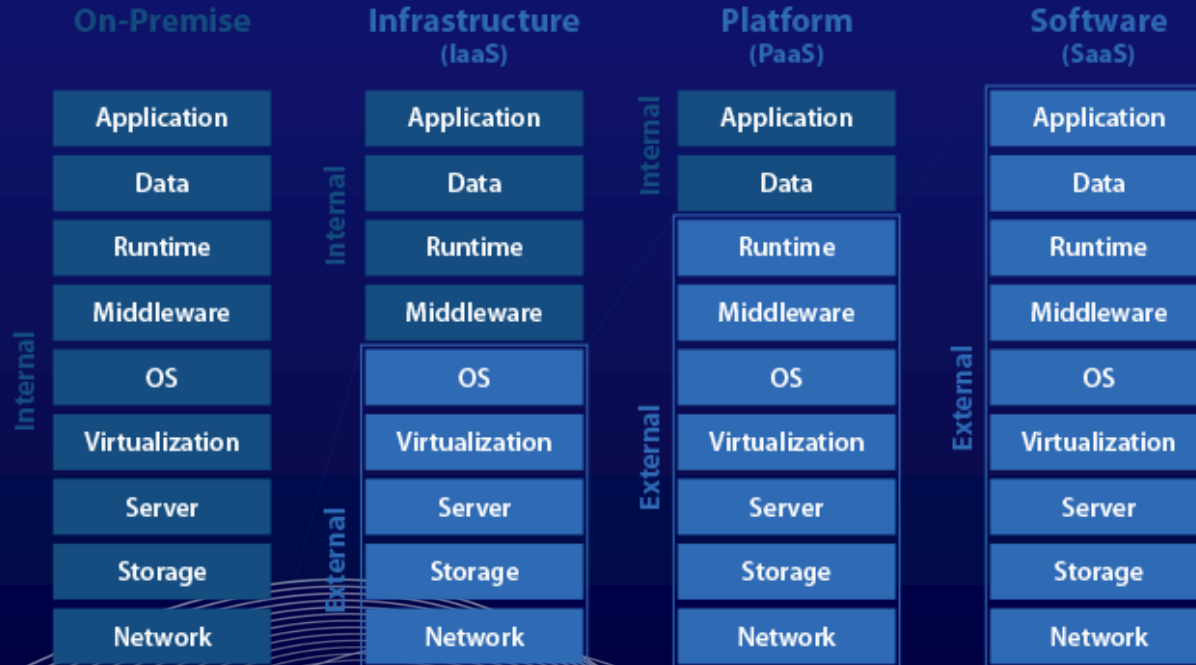
Formado em Engenharia de Computação - UniFtec;
MCSE: Data Management and Analytics;
Microsoft Certified: Azure Database Administrator;
MLSA: Microsoft Learn Student Ambassadors;
DBA na empresa CDB Data Solutions.



Azure SQL Managed Instance – SQL Server na Nuvem

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IaaS, PaaS, SaaS



Criação de Recurso – SQL MI

Create Azure SQL Managed Instance ...





Microsoft

 Deploying Managed Instance is a long running operation taking up to 6 hours to complete.

Learn / Azure / Azure CLI / Reference / Azure SQL / sql /

az sql mi

Deployment details

Resource	Type	Status
 sqlmitechconnectionbc	 SQL managed instance	OK
 deployRequiredNetworkingResources_kxbjsen	 Microsoft.Resources/deploymen	OK

Overview

Plans

Usage Information + Support

Ratings + Reviews

Provisioning state

Succeeded

Timestamp

5/29/2023, 6:14:52 PM

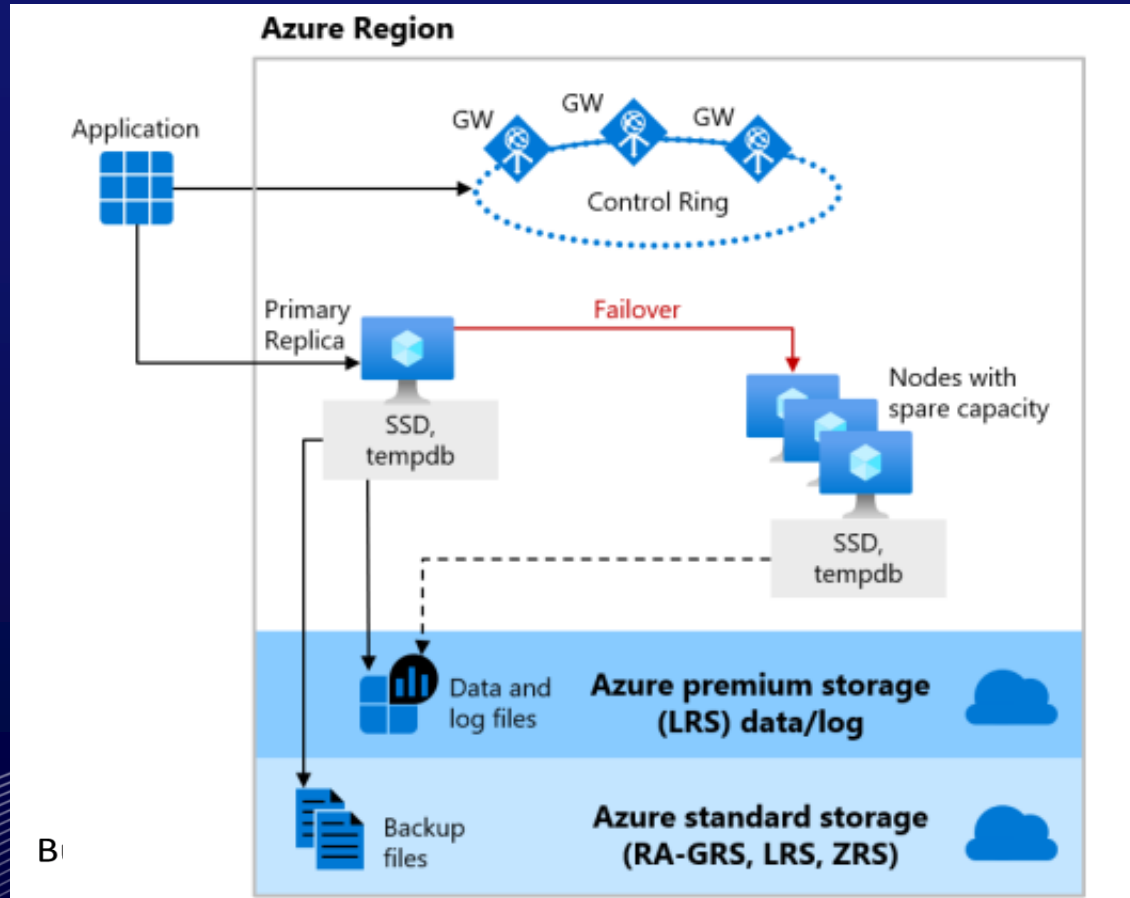
Duration

2 hours 53 minutes 13 seconds

az sql mi ad-admin update	Updates an existing managed instance Active Directory administrator.
az sql mi ad-only-auth	Manage a Managed Instance's Azure Active Directory only settings.
az sql mi ad-only-auth disable	Disable Azure Active Directory only Authentication for this Managed Instance.
az sql mi ad-only-auth enable	Enable Azure Active Directory only Authentication for this Managed Instance.
az sql mi ad-only-auth get	Get a specific Azure Active Directory only Authentication property.

Azure SQL Managed Instance – SQL Server na Nuvem

- General Purpose;
- Business Critical;



B1

Limitações e restrições

Backup:

- Backup automático
 - Suporta backup manual – full copy_only para URL apenas;
 - Utilização da CMK + AKV devido ao TDE;
- Limitação de até 22 arquivos – suficiente para até 4 TB compactado;
- Backups nativos

Auditoria:

- Arquivos devem ser armazenados em uma URL pública
 - CREATE SERVER AUDIT TO URL

Logins:

- Pode ser integrado com o AAD:
 - CREATE LOGIN [MEUAD\oschaider] FROM EXTERNAL PROVIDER

Collation:

- Pode ser escolhida quando o serviço é criado;

Objetos In-memory não são suportados no tier General Purpose

CLR não suporta acesso a arquivos externos (.dll);

Linked Server suporta destinos como: SQL Managed Instance, SQL Database, Azure Synapse SQL serverless e dedicated pools e SQL Server instances

Messages
Msg 41922, Level 16, State 1, Line 1
The backup operation for a database with service-managed transparent data encryption is not supported on SQL Database Managed Instance.
Msg 3013, Level 16, State 1, Line 1
BACKUP DATABASE is terminating abnormally.

Ferramentas de Migração

- Backup/Restore;
- Azure SQL Migration Extension;
 - Data Migration Service;
- Log Replay Service;
- Link feature for SQL MI;
- Bacpac;
- Azure Data Factory



Migrate '.\sqlserver2017' to Azure SQL

Step 4: Azure Database Migration Service

1 Online migration
Application downtime is limited to cutover at the end of migration.

2 Offline migration
Application downtime will start when the migration starts.

3 Select the location of the database backups to use during migration.

4 ☒ My database backups are in an Azure Storage Blob Container
☐ My database backups are on a network share

5 Azure Database Migration Service orchestrates database migration activities and tracks their progress. You can select an existing Database Migration Service if you have created one previously, or create a new one below.

6

Subscription
[Dropdown menu]

Location
East US

Resource group *
No resource groups found. [Dropdown menu]

Azure Database Migration Service *
No Database Migration Service found. Create a new one. [Dropdown menu]
[Create new](#)



Secondary replica
Azure SQL Managed
Instance in Azure

Pós-migração

Azure SQL Managed Instance – SQL Server na Nuvem



Agradecimentos

