

Migrace SQL Serveru do Azure - Vaše poslední migrace

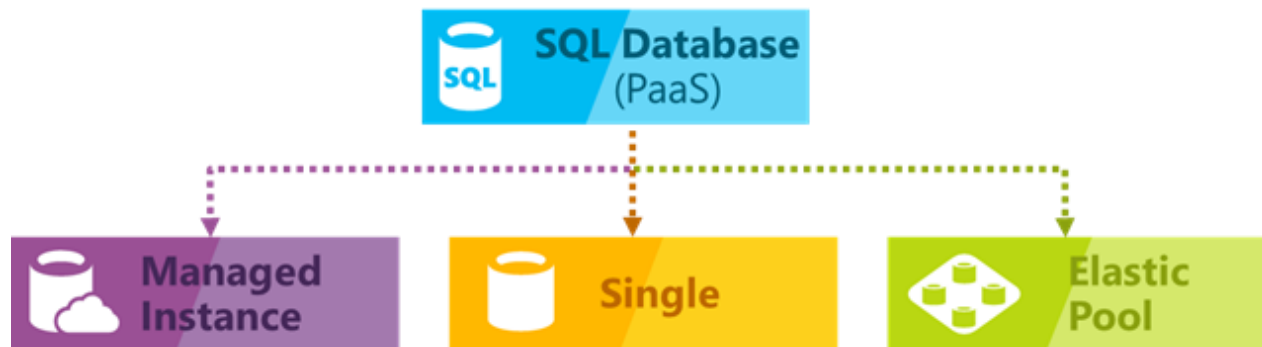
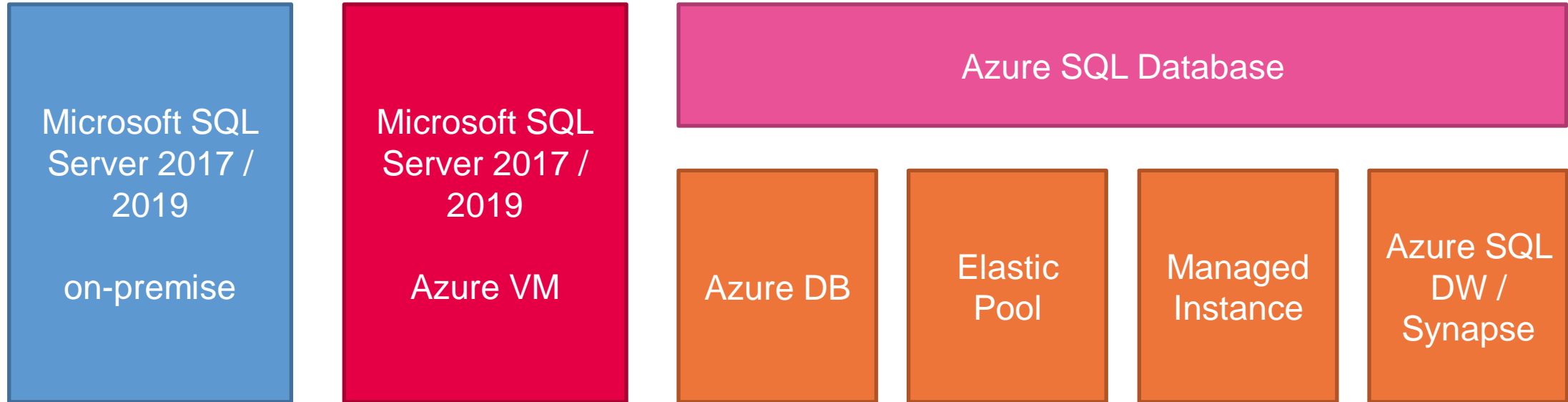
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Options to run SQL Server database



Advantages of Azure SQL Database

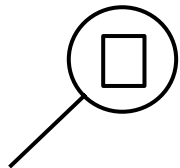
- RDBMS hosted as a service in Microsoft Azure
- Compatible with Microsoft SQL Server
 - Same T-SQL
 - Same Data types
 - Same clients
 - Same protocols
- Cloud First Release Model - New features go to Azure SQL Database before going into the retail SQL Server product.
- Shares code base with on-premise SQL Server

Azure Database migration journey



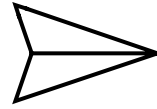
Managed Instance

Enables rehosting or light refactoring for most apps

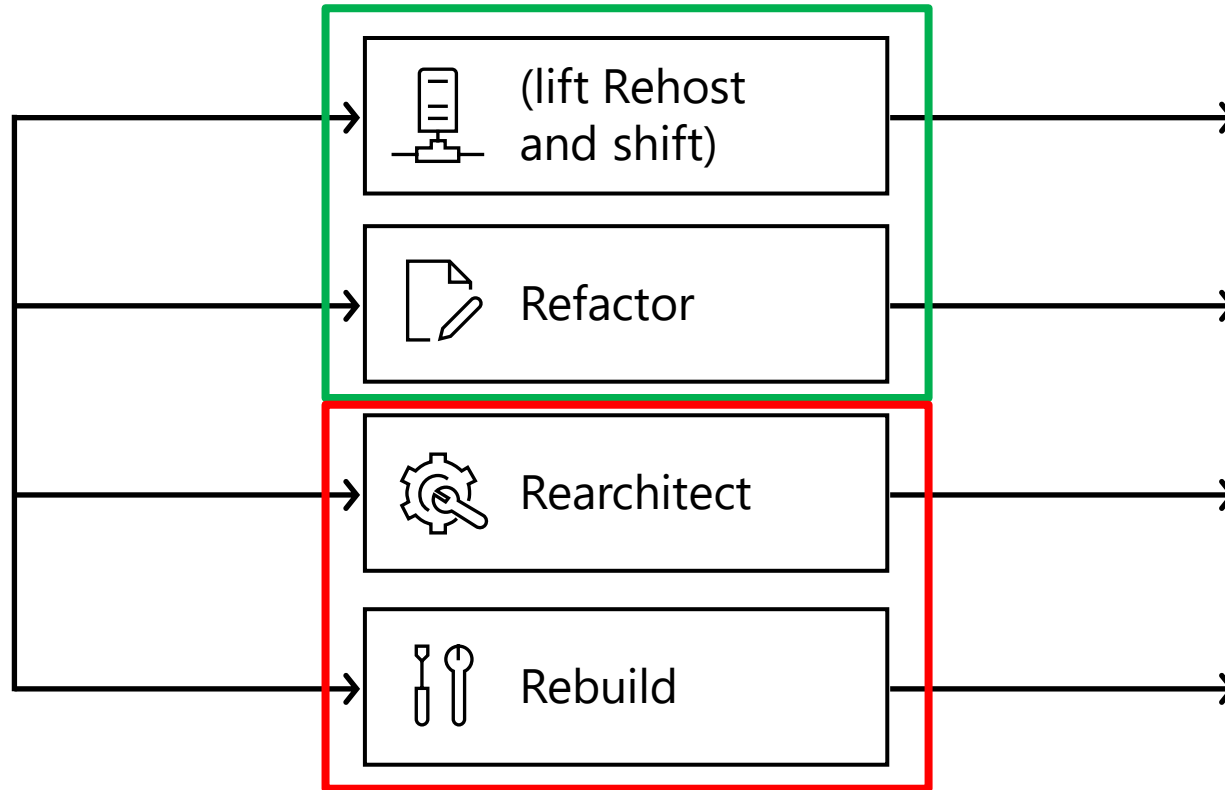


Assess

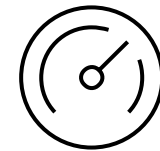
Eliminates the need to rearchitect or rebuild your apps



Migrate*



Enables optimization during or post migration (fully managed service)



Optimize

IaaS (virtual machines) fall short here

Put your DBs on autopilot




TIRED OF MANAGING HARDWARE, SOFTWARE & BUSINESS CONTINUITY?

You can stop doing it Azure SQL Database has it built-in	
✓	Compute & storage provisioned on demand Fast & online scaling Full stack updates and patches
✓	Backups with health checks Point-in-time restore (configurable retention)
✓	99.99% availability with automatic failover Disaster recovery with single geo secondary (multiple)

Put your DBs on autopilot

TIRED OF MANAGING HARDWARE, SOFTWARE & BUSINESS CONTINUITY?




You can stop doing it, Azure SQL Database has it built-in

	Compliance with all major industry standards Threat detection with automatic alerting
	Intelligent query processing Automatic performance tuning
	Monitoring at scale with Intelligent Insights Data discovery and classification Vulnerability assessment

Put your DBs on autopilot

HOW MANY OF YOUR APPLICATIONS COULD MIGRATE TODAY?

Most of them, because Managed Instance is compatible

	Cross-DB queries & transactions, linked servers to SQL .NET CLR modules Service Broker Change Data Capture Transactional Replication
	Choice of instance collations* and instance time zone* R services*
	MSDTC for distributed transactions Filestream / Filetable, Polybase

Put your DBs on autopilot

WILL YOUR IT FACE A STEEP LEARNING CURVE OR FEEL LOSS OF CONTROL?

No, because Managed Instance lets you modernize at your pace



DMVs, XEvents, Query Store
SQL Agent and DB Mail
sysadmin privileges and Resource Governor



Built-in HA replaces on-prem setups
Replace MDW with OMS monitoring



SQL Auditing, Row Level Security
TDE, Always Encrypted, and Dynamic Data Masking



Network security with VNETs and private IPs
Integrated auth. with Azure AD

Possible Migration Scenarios

- Database Migration Assistant
- Azure Database Migration Service
- Replication
- Backups

Q & A

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