

# Data modernization to the Cloud

Webinar series, April 2020



We know we can

**softline**<sup>®</sup>

# Introduction

**Mihály Kiléber** - Senior Azure Engineer

[mihaly.kileber@softline.com](mailto:mihaly.kileber@softline.com)

**Focus Area:** SQL Server and Azure SQL services together with dependent components

**Certifications:**

- MCS & MCP Implementing Microsoft Azure Infrastructure Solutions
- MS RaaS (Risk Assessment as a Service) and RAP accreditation
- 1:1 Packaged Service Essentials accreditation
- Cloud Mentor Program and Partner Learning Plans
- MC Azure Solutions Architect Expert



We know we can

# Softline Facts and Figures

**4500+**

team members

**1500+**

account managers

**1000+**

sales and technical  
presale professionals

**1.36 Billion \$**  
Sales Volume 2018  
in the Group of companies



**1000+**

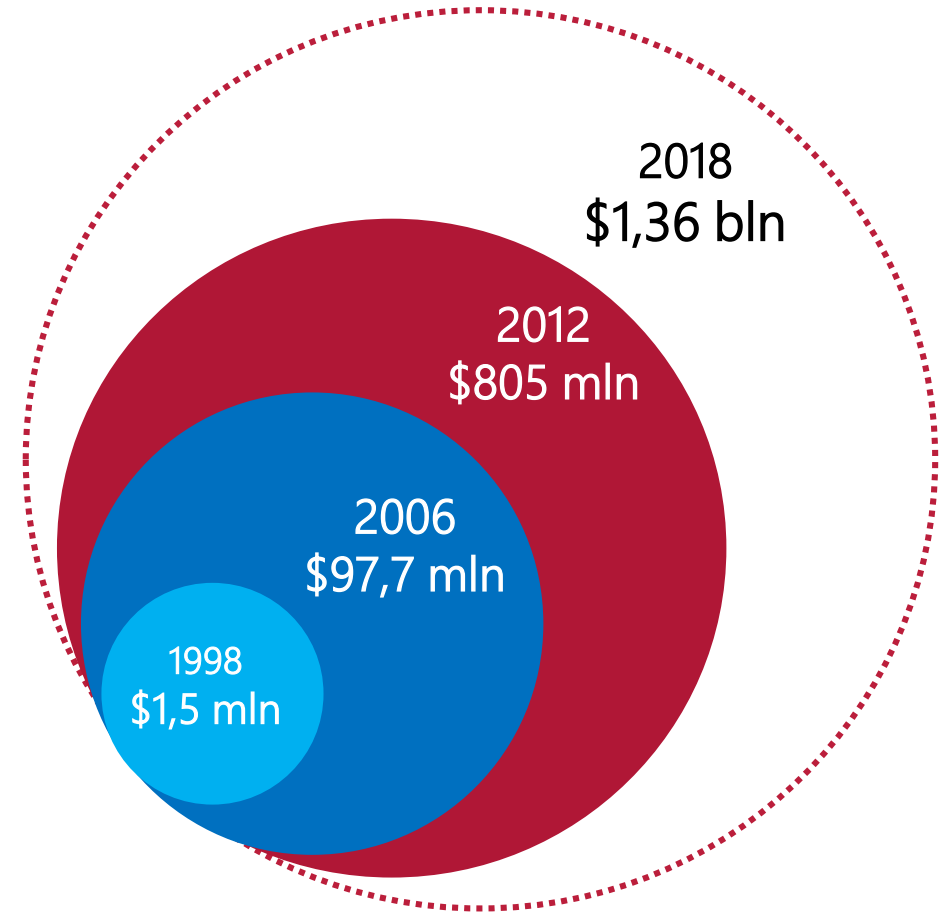
engineers  
and developers

**50+** countries

**95+** cities

**26**

years in the  
IT market



Turnover data

We know we can

**softline**<sup>®</sup>



# Agenda

Webinar 1: Prerequisites – Required Resource Providers; Storage Container preparation

Webinar 2: Prerequisites – Azure Fileshare; Azure Database Migration Tools

Webinar 3: Prerequisites – Azure App Service; Azure Database Migration Service

Webinar 4: Prerequisites – Azure SQL DB (PaaS)

Webinar 5: Prerequisites – Azure SQL VM (IaaS), Azure SQL MI (IaaS)

## **Webinar 6: Migration – Migrate SQL to Azure SQL DB**

Webinar 7: Migration – Migrate SQL to Azure SQL VM using Backup/Restore technique

Webinar 8: Migration – Migrate SQL to Azure SQL VM Assess/Migrate using DMA

Webinar 9: Migration – Migrate SQL to Azure SQL MI Assess/Migrate using DMS

Webinar 10: Migration – Migrate Website/Web Application to Azure App Service using DMS; Recap

# Database migration process overview

## Pre-migration



### Discover

Inventory database assets, and application stack discovery



### Assess

Assess workloads and fix recommendations



### Convert

Convert the source schema to work in the target environment. This is only relevant for heterogeneous migrations.

## Migration



### Migrate

Migrate the source schema, and then migrate the source data to the target



### Data sync

Sync your target schema and data with the source. This is only relevant for minimal-downtime migrations



### Cutover

Cut over from the source to the target environment. This is only relevant for minimal-downtime migrations

## Post-migration



### Remediate applications

Iteratively make any necessary changes to your applications



### Optimize

Based on the tests you performed, address any performance issues, and then retest to confirm the performance improvements

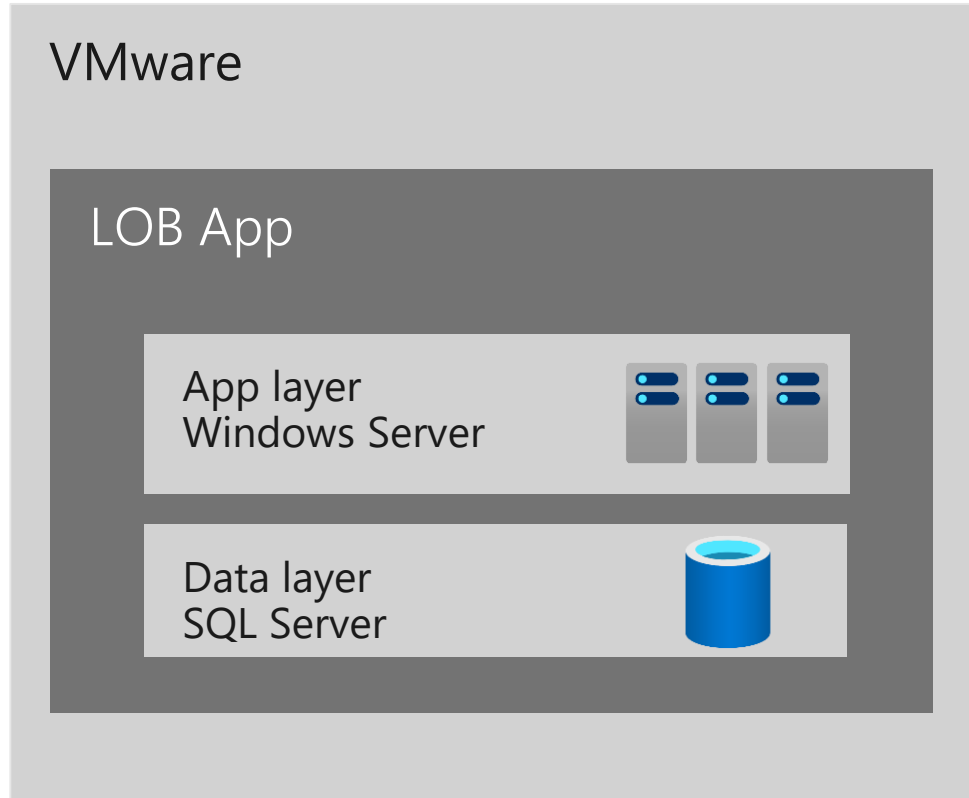


### Run functional & performance tests

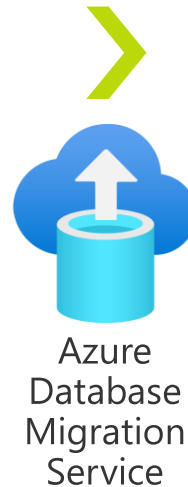
Iteratively run functional and performance tests

# ASP.NET Application Migration to Azure

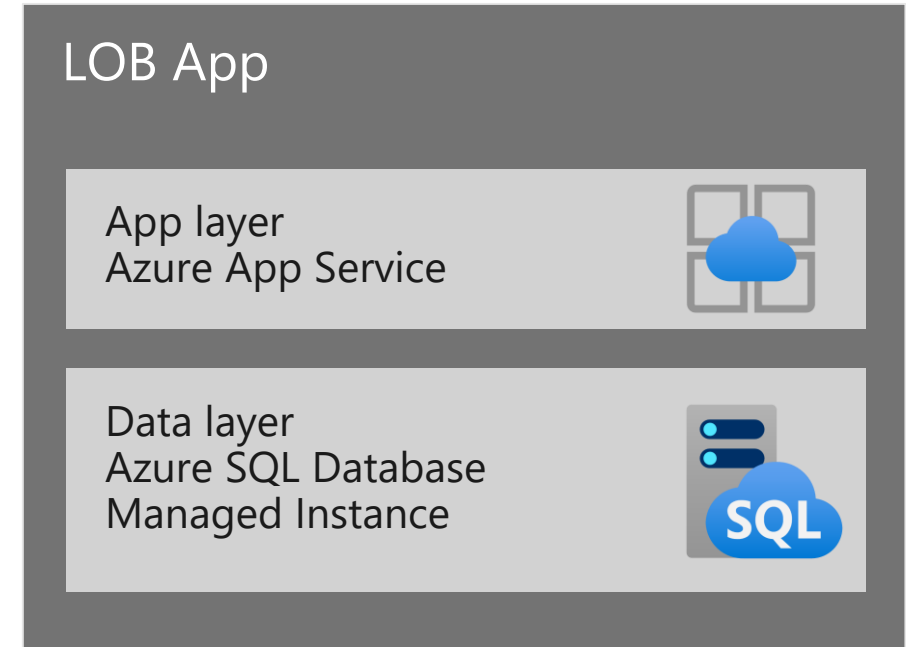
On-premises



App Service  
Migration  
Assistant



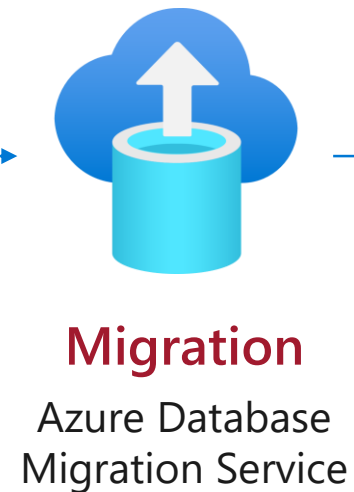
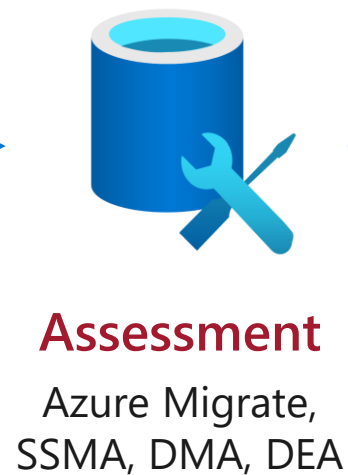
Azure



We know we can

# Tools and services for your migration journey

## On-premises



## Microsoft Azure



We know we can





DEMO

Migrate SQL to Azure SQL DB



# Questions?

You can reach out to me at: [mihaly.kileber@softline.com](mailto:mihaly.kileber@softline.com)

Contact us at any of our country e-mail addresses:

Bulgaria: [info@softline.bg](mailto:info@softline.bg)

Croatia: [info@softline.hr](mailto:info@softline.hr)

Hungary: [info@softline.hu](mailto:info@softline.hu)

Romania: [info@softline.ro](mailto:info@softline.ro)

Serbia: [info.serbia@softline.com](mailto:info.serbia@softline.com)

Slovenia: [info@softline.si](mailto:info@softline.si)

We know we can





GO GLOBAL



GO GLOUD



GO INNOVATIVE

Digital Transformation and Cybersecurity Solution Service Provider