

SUMMIT2017



# Migrate SQL Server Databases to SQL Azure

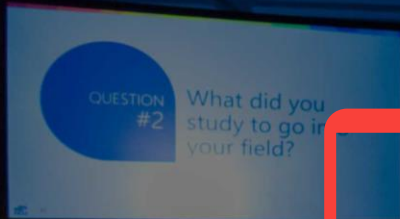
With PowerShell!

Robert C. Cain, MVP, Arcane Training and Consulting





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Robert C. Cain, MVP

Arcane Training and Consulting



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## Arcane Training and Consulting

Microsoft MVP

<http://arcancode.me>

## Pluralsight Author

Author of over 12 courses on PowerShell, Business Intelligence, and SQL Server

## Co-Author 5 Books

Microsoft SQL Server 2016 Reporting Services Cookbook

Plus others on PowerShell and SQL Server

# Agenda

## Moving your on premises database to SQL Azure with PowerShell

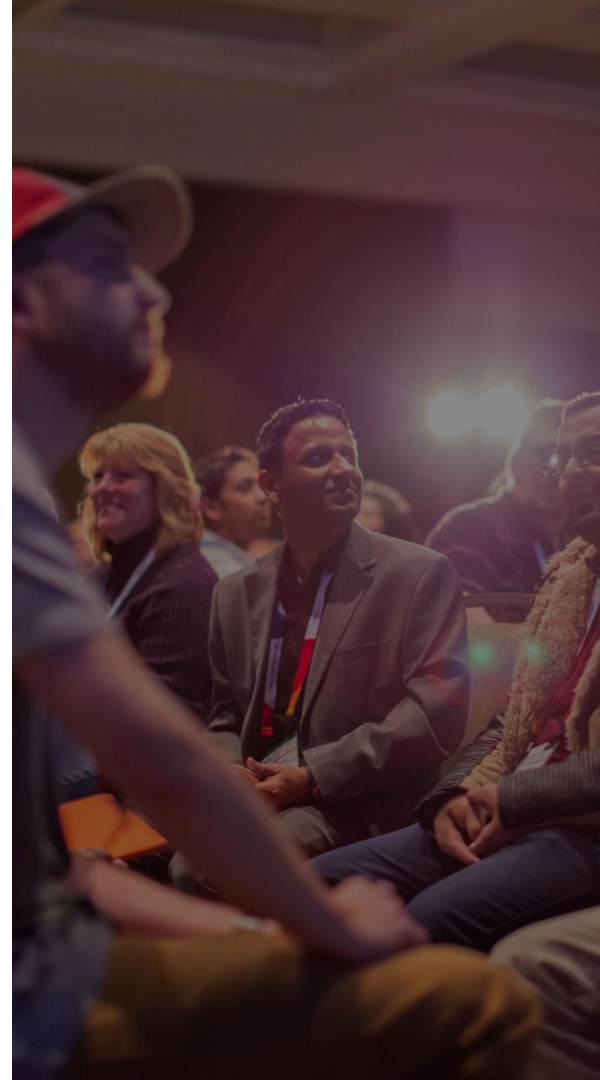
- Required components
- Creating Resource Groups
- Establishing Storage
- Creating the Azure SQL Server
- Packaging your local SQL Server Database
- Uploading and Importing your database to SQL Azure

# Resources

- **Resolving Transact-SQL differences during migration to SQL Database**
  - <https://docs.microsoft.com/en-us/azure/sql-database/sql-database-transact-sql-information>
- **AzureSQL Features**
  - <https://docs.microsoft.com/en-us/azure/sql-database/sql-database-features>
- **AzureRM Cmdlets**
  - <https://docs.microsoft.com/en-us/powershell/module/azurerm.sql/>
- **Azure Service Tiers**
  - <https://docs.microsoft.com/en-us/azure/sql-database/sql-database-service-tiers>

# Migrate to Azure

PowerShell Time!







# Thank You

Learn more from Robert Cain



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