ZONES™

Migrating On-Premises SQL Workloads to Azure SQL
Use Case

Effortlessly migrate on-premises SQL workloads to Azure SQL, achieving scalability, cost savings, and robust disaster recovery.

Business Challenges

Organizations increasingly struggle to manage on-premises SQL setups due to rapid data growth, infrastructure demands, and limited scalability. The adoption of AI and large language models (LLMs) further amplifies these challenges, making it essential to transition to more efficient platforms. Migrating to Azure SQL requires careful planning to align with unique business needs, ensuring scalability, cost efficiency, and operational continuity.
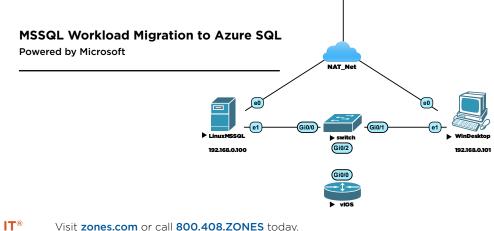
Solution Overview

Migrating on-premises SQL databases to Azure provides unparalleled opportunities for scalability, operational optimization, and innovation. Azure offers multiple migration options, including Azure SQL Database, SQL Server on Azure Virtual Machines, Azure SQL Managed Instance, and Data Migration Services. These options enable organizations to optimize performance with elastic scalability, reduce costs with a pay-as-you-go model, and ensure high availability with features like automated backups, data replication, and disaster recovery capabilities.

Demo Overview

The demo showcases a streamlined migration of an on-premises SQL workload to Azure SQL using Azure Migrate. It highlights the setup of a sample database, efficient backup practices, and the use of Azure Data Studio for seamless migration. The step-by-step process covers assessment, recommendations, and post-migration validation, culminating in a fully operational Azure database ready for use. For more details or a demo, please contact your Zones Account Executive.

MSSQL Workload Migration to Azure SQL
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