Unlock flexibility, security, and scalability by migrating MySQL databases to Microsoft Azure

Migrating MySQL either to a fully managed Platform as a Service (PaaS) or customizable Infrastructure as a Service (IaaS) solution from Microsoft Azure delivers scalable resources and advanced capabilities to facilitate AI application development and deployment.

By choosing to run MySQL databases on Azure, you get a myriad of VM choices, storage configurations, monitoring tools, and security and high availability (HA) options.

Straightforward migration to Azure PaaS or IaaS enables time savings and more

Simple scaling to meet workload demands

Automatic failover and continuous uptime

Robust security for data protection and compliance

Automated management and maintenance to minimize IT costs

Compatibility with multiple Linux distributions—ideal for AI projects

Reduced coding time with ready-to-use app components

Simplified app dev workflow

According to AMD testing, Azure VMs featuring AMD EPYC processors can deliver approximately 1.2x the performance of a competing VM with **15% average savings.**[*]

PaaS simplicity vs. IaaS control

Organizations should consider their needs for control, convenience, and available resources before choosing the right cloud service model for their MySQL deployments.

Azure PaaS: Azure Database for MySQL – Flexible Servers

Fully managed with HA, disaster recovery, backups, and geographic data replication

✓ Less coding time
✓ Faster time to market
✓ Easy, on-demand scaling
✓ Automated management and maintenance
✓ Simple deployment and configuration
✓ Resiliency, availability, and security

Processor options
2x AMD EPYC™ VM series help make the simplicity and automation of Azure Database for MySQL – Flexible Server an excellent choice for rapid deployment with little admin overhead plus the potential for higher performance and lower cost.

VM options
General-purpose **Dadsv5** series
Memory-optimized **Eadsv5** series

Azure IaaS: MySQL on Azure

Complete control of OS and database for higher levels of customization

✓ Full control over the OS and database configuration
✓ Flexibility to customize your config to meet your specifications
✓ Use whatever version of MySQL you need
✓ Ideal for stringent regulatory and compliance requirements

Processor options
3x AMD EPYC™ VM series drive MySQL on Azure IaaS solutions to deliver complete control over the OS and database configuration—crucial for legacy applications or strict regulatory requirements.

VM options
Memory-optimized **Easv6** and **Eadsv6** series
Compute-optimized **Famsv6** series

Migrate your MySQL databases to Azure ⟩ Download the full migration guide