SQL Server runs best on Azure Virtual Machines

SQL Server is the most-used database in the world, which means it's probably running in your datacenter already. Today, organizations like yours are increasingly accessing IT resources or delivering capabilities through the cloud[1]—it is an essential ingredient for modernizing your data strategy. Why? Because, the IT challenges you face have solutions in the cloud.

Today's IT challenges...

- IT budget constraints
- "I need it yesterday" timelines
- Patchwork of aging hardware
- Highly variable workloads

...have solutions in the cloud

- Reduced capex/pay as you go pricing
- Rapid deployment
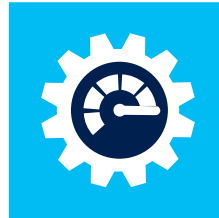- Reduced configuration
- Elastic scale

SQL Server on Azure Virtual Machines

Fast time-to-value with cloud flexibility

Set up and manage your SQL Server deployments in minutes, then scale up or scale down on the fly
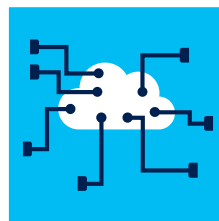
Tuned for exceptional performance

Meet your toughest demands with virtual machines optimized by the team that built SQL Server

Most secure database on a trusted cloud

Protect your entire data estate with the most secure database on the most compliant cloud

Effortless hybrid connectivity

Get the most out of your on-premises investments and take advantage of Azure's rich ecosystem

SQL Server now on Linux

- Deploy on the platform of your choice – Windows, RedHat Enterprise Linux (RHEL), Ubuntu Linux, and SUSE Enterprise Linux (SLES)
- Achieve flexible, reliable data management

Windows

Linux

SUSE
redhat
ubuntu

Microsoft

Cloud flexibility
Spin-up and manage virtual machines in minutes, not weeks

Any SQL Server version and edition, on the VM size you need

SQL Server is guaranteed to run the same in Azure VMs as on-premises

Windows Server or Linux platform

Free Developer and Express editions for Dev/Test and lightweight workloads

Connectivity over public internet or VPN tunnel

Pre-configured for target workloads, like OLTP, DW, BI

Automated HA, patching and backup, on your terms

Scale-up or scale-out, as needed

Management from Azure Portal, PowerShell, CLI or System Center

Pay your SQL Server license by the minute, or reuse an existing one

Single vendor support

Tuned for performance
Run demanding workloads on highly optimized VMs

VMs are tuned for exceptional performance by the team that builds SQL Server
- Latest performance hot fixes
- Optimized storage configuration
- Automated disk striping & caching

Ultra-low latency with SSD drives for storage and local read cache

Newest releases are accessible as soon as they're generally available, including SQL Server Community Technology Previews

Secure and trusted
Protect your data in a proven solution—SQL Server and Azure

Three perfect copies of your data, locally and remote.

99.95% uptime SLA

Automated backups with point-in-time restore

AlwaysOn replicas for HA/DR or offloading read workloads

Deployments fully isolated in private networks

Reduced exposure to threats with the least vulnerable database—seven years in a row[2]

Largest compliance portfolio in the industry—Azure
- Azure ISO 27001
- FedRamp
- SOC 1 and SOC2
- HIPAA/HITECH
- and more

Hybrid connectivity
Get the most out of your investments—existing or planned

Build powerful apps with Azure VMs or App Service (web & mobile)

Add intelligence and access insights with Power BI Embedded, Machine Learning, or Cognitive services

Simplify big data management and analytics with Azure Data Lake, or HDInsight

Leverage fully-managed data solutions with Azure SQL Database, or Azure SQL Data Warehouse

Integration with on-premises DC and apps for true hybrid environment

Transition to the cloud at your own pace

Secure site-to-site tunnel connection using current networking hardware

Dedicated routing through your ISP for up to 10 Gb/s with Express Route

Tools your team is already trained on—SSMS, Visual Studio, Office

Unparalleled benefits across scenarios

Dev/test	Lift & shift	OLTP	HA/DR	Hybrid cloud	DW	BI

Run with the best—SQL Server on Azure Virtual Machines

Spin up a free SQL Server Developer image

Take advantage of $200[*] in Azure consumption

Try SQL Server on Linux

[2]National Institute of Standards and Technology Comprehensive Vulnerability Database update, 2017.
[*]$200 MSDN credit cannot be applied towards RHEL/SLES-based images in Azure.