

SQL Server 2017 & Windows Server 2016

Work more securely, faster, and smarter

Capitalize on modern technology



Secure by default

Work at peace knowing your most important data is secure and protected from malicious activity and business interruptions.



Industry leading performance and price

Optimize your IT operations to manage costs and time, enabling your IT staff to spend more time on advancing your business.



The flexibility you need

Virtual offices, mobile workers, no problem, provide the tools and information they need to conduct business -- in the office or on the go.

SQL Server 2017 and Windows Server 2016: Better together

Customers running mission critical workloads need an enterprise-class data platform that can easily scale up and down, and provide on-demand storage resources to scale out across datacenters and between on-premises and cloud environments.

SQL Server 2017 running on Windows Server 2016 provides industry-leading technologies that provide superior performance, availability, and scale, while also giving organizations the flexibility to meet business goals, limit risk of data loss, and reduce total cost of ownership.

Capitalize on your modern technology

SMBs need to

How SQL Server 2017 + Windows Server 2016 helps

Protect against data exposure caused by stolen admin credentials, unauthorized access, or exploits such as Pass-the-Hash attacks.

Dynamic Data Masking, Row Level Security, and Always Encrypted keep SQL Server data from being accessed by unauthorized users.

Just Enough and **Just-in-Time** privilege administration prevent misuse of SQL Server administrator credentials.

Credential Guard protects SQL Server admin credentials against being stolen by Pass-the-Hash and Pass-the-Ticket attacks.

Windows Defender and **Control Flow Guard** protect against known and unknown vulnerabilities that malware can otherwise exploit

Cut costs and improve performance of storage, business intelligence, and analytics across workloads.

In-memory database can access 24 terabytes of memory and 640 cores, enabling customers to run queries faster than ever before.

Persistent Memory (aka Storage Class Memory) support provides 3x latency improvement.

Storage Spaces Direct allows use of industry-standard servers with local storage as a highly available, scalable alternative to expensive storage area networks (SANs) – with read speeds that can exceed 25 GB/second.

Improve database uptime and reliability, including effective disaster recovery across sites and domains.

Always On availability groups include up to 8 readable secondaries and can span multi-domain clusters; Active Directory authentication is no longer required.

Hybrid Backup and **Stretch Database** provide online cold data availability.

Storage Replica enables asynchronous or synchronous replication of data between servers or clusters to ensure zero data loss at the file-system level during a failure.

Rolling, in-place upgrades make it easy to upgrade to SQL Server 2017 and Windows Server 2016 from previous versions while dramatically minimizing downtime.

Reach data science insights faster by running analytics at the point of creation.

SQL Server R Services built directly into T-SQL bring advanced predictive analytics to the data.

Real-time operational analytics enable running of analytics directly on operational data without the delay of moving data.

Multi-threading and **Massive Parallel Processing** allow for high performance data analysis.

New R-models are published by data scientists and can be accessed through Azure data services.

Maintain a consistent data environment across on-premises, hybrid, and cloud environments

Common code for on-premises, IaaS and PaaS implementation creates a “write once, deploy anywhere” SQL Server and Windows Server experience.

SQL Azure Migration Wizard and other free migration tools provide easy migration to Windows Server 2016 servers or virtual machines in the cloud.

Azure Hybrid Use Benefit and **SQL Server License Mobility** ensure customers can easily move databases to the cloud without impacting licensing agreements; no license required for SQL Server passive HA nodes.



Find out more information about the great benefits of [SQL Server 2017](#) and [Windows Server 2016](#)