

Feature Comparison



Windows Server 2022 Feature Comparison

Enhancement



New Feature



Advanced Multi-Layer Security

Feature	Windows Server 2016	Windows Server 2019	Windows Server 2022
Secured-Core Server			
Hardware Root-of-Trust (<i>TPM 2.0 / System Guard</i>)			
Secure Boot (<i>Dynamic Root of Trust Measurement</i>)			
System Guard (<i>Kernel Direct Memory Access</i>)			
Virtualization-based Security			
Hypervisor-based Code Integrity			
Secured Connectivity			
Transport Security Layer (TLS) 1.3			
Secure HTTP over QUIC			
Server Message Block (SMB) AES-256 Encryption			
East-West SMB Encryption			

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Hybrid Capabilities with Azure

Feature	Windows Server 2016	Windows Server 2019	Windows Server 2022
Azure Arc enabled			
SMB Compression			
Storage Migration Service			
Unified Management with Windows Admin Center			
System Insights			
Azure File Sync			
Azure Backup			
Azure Site Recovery			

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Flexible Application Platform

Feature	Windows Server 2016	Windows Server 2019	Windows Server 2022
Windows Containers			
Image Size Reduction			
Kubernetes Experience			
Scalability Improvements			
Hyper-V Isolation			
Server Core (<i>Features on Demand</i>)			
Nested Hyper-V Virtualization (<i>Intel and AMD</i>)			
Single-Node caching			
Scalability Improvements			

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Modern Hardware Platform

Feature	Windows Server 2016	Windows Server 2019	Windows Server 2022
Software Defined Infrastructure			
Storage Spaces Direct			
Network Controller			
Hyper-V			
Hyper-V Manager enhancements			
Secure Boot			
Hyper-V Replica			
Live Migration			
Remote Work			
Always-on VPN			
Scalable platform			