Prepare for Windows Server 2008 end of support

Extended support for Windows Server 2008 and Windows Server 2008 R2 ends January 14, 2020. Microsoft will no longer release security updates, which may expose you to security attacks or make you out of compliance with industry regulations such as GDPR. Avoid business disruptions and use this as an opportunity to modernize your application stack.

TIME FOR CHANGE

Microsoft ends support for Windows Server 2008 and Windows Server 2008 R2

Jan. 14, 2020

WHAT THIS MEANS FOR YOU

- No security updates
- Compliance concerns
- Innovation opportunity

ASSESS

Use Microsoft and partner tools to inventory your apps and workloads. Then categorize each one by type, criticality, complexity, and risk. This helps you prioritize and plan based on issues and opportunities.

- Azure Migrate
- Microsoft Data Migration Asssistant

BY TYPE:

- Microsoft apps
- ISV apps
- Custom LOB apps
- Server roles

BY CRITICALITY:

- Mission critical
- Important
- Normal

BY RISK:

- 1. LOW
- 2. MEDIUM
- 3. HIGH

MIGRATE

Take advantage of this opportunity to transform critical parts of your operation and move off outdated platforms.

Transform with Azure

Migrate to Azure VM running Windows Server 2016, 2012, or 2008

Containerize apps with Windows Server 2016 or rewrite using Azure PaaS

Download the Enterprise Cloud Strategy Guide to help you take your application portfolio to the cloud.

- Azure Site Recovery for VMs
- Azure Database Migration Service

On-premises

Upgrade servers to Windows Server 2016 to get cloud and DevOps ready

OPTIMIZE

Fine-tune your resources to optimize cost, manage resources, and strengthen security and compliance across hybrid cloud workloads.

SECURITY & GOVERNANCE:

- Azure Security Center
- Azure Cost Management

Azure services help you right-size resources and manage cost. Use Azure Security Center to strengthen security, and ensure compliance across your hybrid environment. Azure Cost Management and tools like Azure Advisor can help you better manage your cloud resources.

RESOURCE OPTIMIZATION:

- Microsoft System Center
- Azure services

Manage your systems using System Center on-premises or integrate your on-premises workloads with Azure security and management services to support a seamless hybrid cloud environment.

Options for your Windows Server workloads

Transform with Azure

On-premises

	REHOST Migrate to Azure VM running Windows Server 2016, 2012, or 2008	REFACTOR, REARCHITECT, REBUILD Containerize apps with Windows Server 2016 or rewrite using Azure PaaS	UPGRADE Upgrade servers to get cloud and DevOps ready
CUSTOM LOB APPS			
Web app	Azure VMs with Windows Server Windows Server Containers	Container services in Azure Azure Service Fabric Azure App Service Azure Functions	Windows Server 2016 LTSC
Database	Azure SQL Database Managed Instance Azure Database for MySQL/PostgreSQL Cosmos DB	Azure SQL Database Managed Instance Azure Database for MySQL/PostgreSQL Cosmos DB	SQL Server 2016-2017
MICROSOFT APPS			
Office workloads	Explore Office 365 for SharePoint, Exchange, Skype for Business		
Remote Desktop Server	Move RDS role to Azure Windows Server VM	Citrix-hosted VDI solution (Azure Marketplace)	Windows Server 2016 LTSC
ISV APPS			
ISV App	Azure-hosted app (Azure Marketplace)	SaaS packaged apps (Azure Marketplace)	Latest version of Windows Server that app supports
SERVER ROLES			
AD, DNS and DHCP	Deploy Active Directory and DNS servers in Azure Windows Server VMs	Azure Active Directory and Azure Domain Services (ADS) Azure DNS	Windows Server 2016 LTSC
File server	Azure Files and Azure File Sync (in Preview)		Windows Server 2016 LTSC

Windows Server 2016: the cloud-ready operating system

Upgrade servers to Windows Server 2016 and get cloud and DevOps ready. Retain support and security updates.

Learn more about Windows Server 2016 here.

Windows Server

- Security built into the operating system.
- Software-defined datacenter efficiencies.
- Application platform features like containers.

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