

Endpoint Modernization & Management in Microsoft 365



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Overview



Windows as a Service

Windows 365 & Azure Virtual Desktop

Microsoft Endpoint Manager



Windows as a Service



Windows as a Service



Simply the upgrade rollout process for IT Professionals

Ensure a better user experience



Three Service Channels

**Windows Insider
Program**

**General Availability
Channel**

**Long-Term
Servicing Channel**



Deployment Rings



Deployment method used to separate devices into a deployment timeline

Allows you to deploy the General Availability channel in phases

- **Preview**
 - **IT Department**
- **Limited**
 - **Power Users throughout organization**
- **Broad**
 - **Everyone else in the organization**



Windows 365 & Azure Virtual Desktop



Virtual Desktop Infrastructure (VDI)

Virtual Desktop Infrastructure, or VDI, refers to the process of running a user desktop inside a virtual machine that lives on a server in the datacenter. It's a powerful form of desktop virtualization because it enables fully personalized desktops for each user with all the security and simplicity of centralized management.



Goal of Virtual Desktop Infrastructure



Virtual desktop accessible from any computing device

You can decide how powerful the virtual desktop is

- **The computing device used to connect to the virtual desktop doesn't need to be powerful!**



Windows 365 Cloud PC

Windows 365 Cloud PC

Connect to it from any personal / corporate device

Dedicated to a single user

Native integration with all your Microsoft 365 apps and services

Fixed per-user-per-month price



Two Different Versions

Windows 365 Business

Organizations up to 300 seats

Simple management options

Windows 365 Enterprise

Unlimited seats

Create custom Cloud PCs based on device images

Better integration with Endpoint Manager



Windows 365 Enterprise Cloud PC Pricing

Configure your Windows 365 Enterprise Cloud PC

Windows 365 Enterprise is for organizations that want to manage their Cloud PCs with Microsoft Endpoint Manager and take advantage of integrations with other Microsoft services.

Business

Enterprise

Processor ⓘ

2 vCPU

\$28.00

4 vCPU

\$66.00

8 vCPU

\$123.00

RAM ⓘ

4 GB

8 GB

+\$13.00



Windows 365 Enterprise

2 vCPU
4 GB RAM
64 GB Storage

- ✓ Integrated with Microsoft Endpoint Manager for advanced threat protection, and PC and mobile device management
- ✓ Supports the desktop versions of Office apps, Outlook, and OneDrive
- ✓ Supports the **desktop version** of Microsoft Teams (chat and audio calls only)
- ✓ Unlimited users

\$28.00

user/month

Subscription automatically renews¹

Azure Virtual Desktop (AVD)



Desktop virtualization service on top of Azure

Dedicated to a single user or used by multiple users

Consumption-based pricing

Can run more customized configurations

- **Ex: Windows 7**



Demo



Windows 365 Cloud PC



Microsoft Endpoint Manager



Microsoft Endpoint Manager



Suite of cloud and on-premises products to help you manage your devices

- Windows
- macOS
- Android
- iOS

Integrates with other Microsoft solutions

- Azure Active Directory
- Microsoft Defender for Endpoint



Microsoft Endpoint Manager

Microsoft Intune

Cloud-based mobile device management (MDM) and mobile application management (MAM) provider for your apps and devices.

Configuration Manager

On-premises management solution to manage desktops, servers, and laptops that are on your network or internet-based.

Co- management

Combines your existing on-premises Configuration Manager investment with the cloud using Intune and other Microsoft 365 cloud services.

Desktop Analytics

Cloud-based service that provides insight and intelligence for you to make more informed decisions about the update readiness of your Windows clients.

Windows Autopilot

Sets up and pre-configures new devices, getting them ready for use. It's designed to simplify the lifecycle of Windows devices, for both IT and end-users, from initial deployment through end of life.

<https://docs.microsoft.com/en-us/mem/endpoint-manager-overview>



Management Actions You Can Do with Endpoint Manager

**Automatically enroll
devices in Intune
and deploy M365
Apps**

**Device inventory &
Tracking**

**Deploy apps and
software updates**

**Password
enforcement
requirement for
mobile devices**

Remote wipe



Conclusion



Windows as a Service

- Three service channels
- Deployment rings

Windows 365 & Azure Virtual Desktop

- Cloud based VDI
- Windows 365 is easier to deploy
 - Per user per month licensing
- Azure Virtual Desktop is more customizable
 - Cost depends per consumption

Microsoft Endpoint Manager



Up Next:
Course Conclusion

