Windows 365: Why? When? When not?

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NORDIC — VIRTUAL SUMMIT —

Agenda

- What?

- Why?

- When?

- Sample designs

- When not?

- Ignite news

What?

What is this Windows 365 thing anyway?

What

Simple, powerful, and secure

Easily set up and scale Cloud PCs to fit your needs and securely support your hybrid workforce.

Stream to any device

Pick up where you left off, on any device, and experience new opportunities for work and collaboration.

Scale as needed

Meet the needs of your evolving workforce with a wide range of easy-to-configure computing options.

Simplify without sacrificing performance and security

Windows 365 is secure by design, leveraging the power of the cloud and the principles of Zero Trust.

Personalized Cloud PCs

Simple, powerful, and secure

Easily deploy and manage

Administer and help secure all your endpoints, physical and virtual, in a unified console with Microsoft Endpoint Manager.

Protect your data

Mitigate risk and leaks by centralizing data and access in the cloud, not on devices.

Rely on the Microsoft cloud

Deliver a reliable, scalable, and more secure solution.

Hybrid Windows for a hybrid world

Simplify management

Administer Windows 365 in Microsoft Endpoint Manager alongside the rest of your estate or access through windows365.microsoft.com.

Windows 365 combines the power and security of the cloud with the versatility and simplicity of the PC. From contractors and interns to software developers and industrial designers, Windows 365 enables a variety of new scenarios for the new world of work.

Your Windows in the cloud

Ensure business continuity

Improve organizational strength and versatility with an integrated Windows experience streamed from the cloud to any device.

Customize to meet your needs

Get a complete cloud-based service with flexible purchasing options and predictable per-user monthly pricing.[2]

Stream to any device

Increase security and compliance

Meet industry-specific requirements with centralized, cloud-based operations and security controls that work seamlessly with leading security, identity, and compliance solutions from Microsoft.

Enable flexibility for hybrid work

Empower employees with personalized Cloud PCs and a highly secure Windows experience anywhere they work[1], even on personal devices.

Personalized Cloud PCs

Stream your apps, data, content, and settings from the Microsoft cloud to any device.

Simple, powerful, and secure

Easily set up and scale Cloud PCs to fit your needs and securely support your hybrid workforce.

Stream to any device

What

Top questions

ˇ What is Windows 365?

Windows 365 is the world's first Cloud PC. Windows 365 securely streams your personalized Windows desktop, apps, settings, and content from the cloud to any device. A Cloud PC provides customers a virtualized computing experience where you can stream your Windows experience from the Microsoft cloud to any device.

With a Cloud PC, Windows evolves from a device-based operating system (OS) to hybrid personalized computing. Hybrid in the context of the Cloud PC refers to the Windows client OS.

The evolution of Windows into a hybrid local and cloud OS brings new possibilities to organizations of all sizes. With Windows 365, Windows becomes a hybrid local OS and cloud OS. Organizations can choose whether a PC, with its locally installed OS, or a Cloud PC, with its cloud-based OS, is the best fit for a particular user or role in the organization. In some cases, a user may benefit from having both and choosing the best tool for the job.

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What

- Virtual PCs running in the cloud

What

- Virtual PCs running in the cloud
  - Always ready
  - Accessible from basically any device
  - Personal

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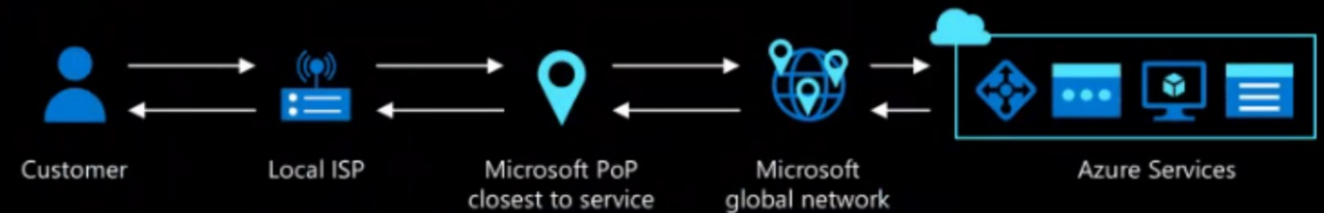- Shares control plane with Azure Virtual Desktop

What

- Virtual PCs running in the cloud

Cold potato routing

- Performance optimized (best experience)
- Route via the Microsoft global network
- Enters the Microsoft network closest to the user
- Stays on Microsoft backbone until it exits Microsoft closest to the user
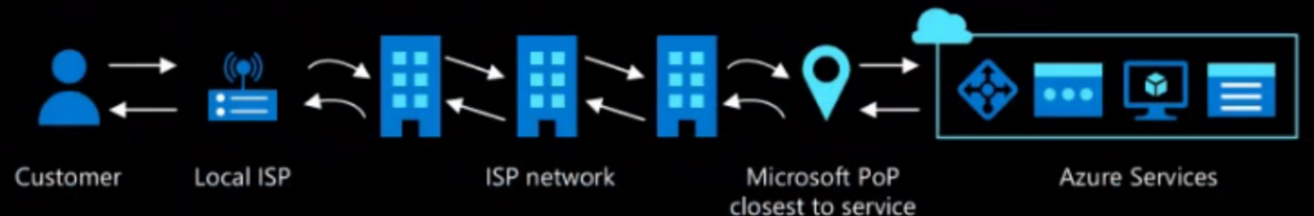- Default network for all our networking services

Hot potato routing

- Cost optimized (best price)
- Routes via the internet (ISP network)
- Enters the Microsoft network closest to the hosted service region
- Exits Microsoft in the same region the service is hosted

Route via Microsoft global network

Customer → Local ISP → Microsoft PoP closest to service → Microsoft global network → Azure Services

Route via ISP network

Customer → Local ISP → ISP network → Microsoft PoP closest to service → Azure Services

What

- Virtual PCs running in the cloud
  - Always ready
  - Accessible from basically any device
  - Personal
- Shares control plane with Azure Virtual Desktop
- Two editions: Business & Enterprise
  - Priced the same*
  - Business requires nothing but a tenant
  - Enterprise has needs

What

- Enterprise has needs
  - Only specific Azure regions
  - Azure sub with a vNet
  - Intune/MEM
  - Active Directory w/hybrid AAD joining
  - Licenses
    - Windows 365
    - Intune
    - Azure AD
    - Windows

Why?

Why should I use Windows 365?

Why?

- Easy

Why?

- Easy
- Accessible

Why?

- Easy
- Accessible
- User friendly

Why?

- Easy
- Accessible
- User friendly
- Cheap

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- Cheap
  - Less need for hardware replacements

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- Same workspace across every device
- Familiar management tool

When?

When should I use Windows 365? In which usecases?

When

- Startups

When

- Startups
- Quick onboarding of users

When

- Startups
- Quick onboarding of users
  - Big project?
  - Merging?
  - Even quicker offboarding

When

- Startups
- Quick onboarding of users
- Temporary workstations

When

- Startups
- Quick onboarding of users
- Temporary workstations
  - Theft/Loss?
  - HW failure/Repairs?

When

- Startups
- Quick onboarding of users
- Temporary workstations
- As jumpboxes

When

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- Temporary workstations
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- Compliance

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- Compliance
- When opex is preferred over capex

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- Simple management

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- When opex is preferred over capex
- Simple management
- Latency/distance challenges

When

- Startups
- Quick onboarding of users
- Temporary workstations
- As jumpboxes
- Compliance
- When opex is preferred over capex
- Simple management
- Latency/distance challenges
- Deliver the same userexperience
  - No matter where
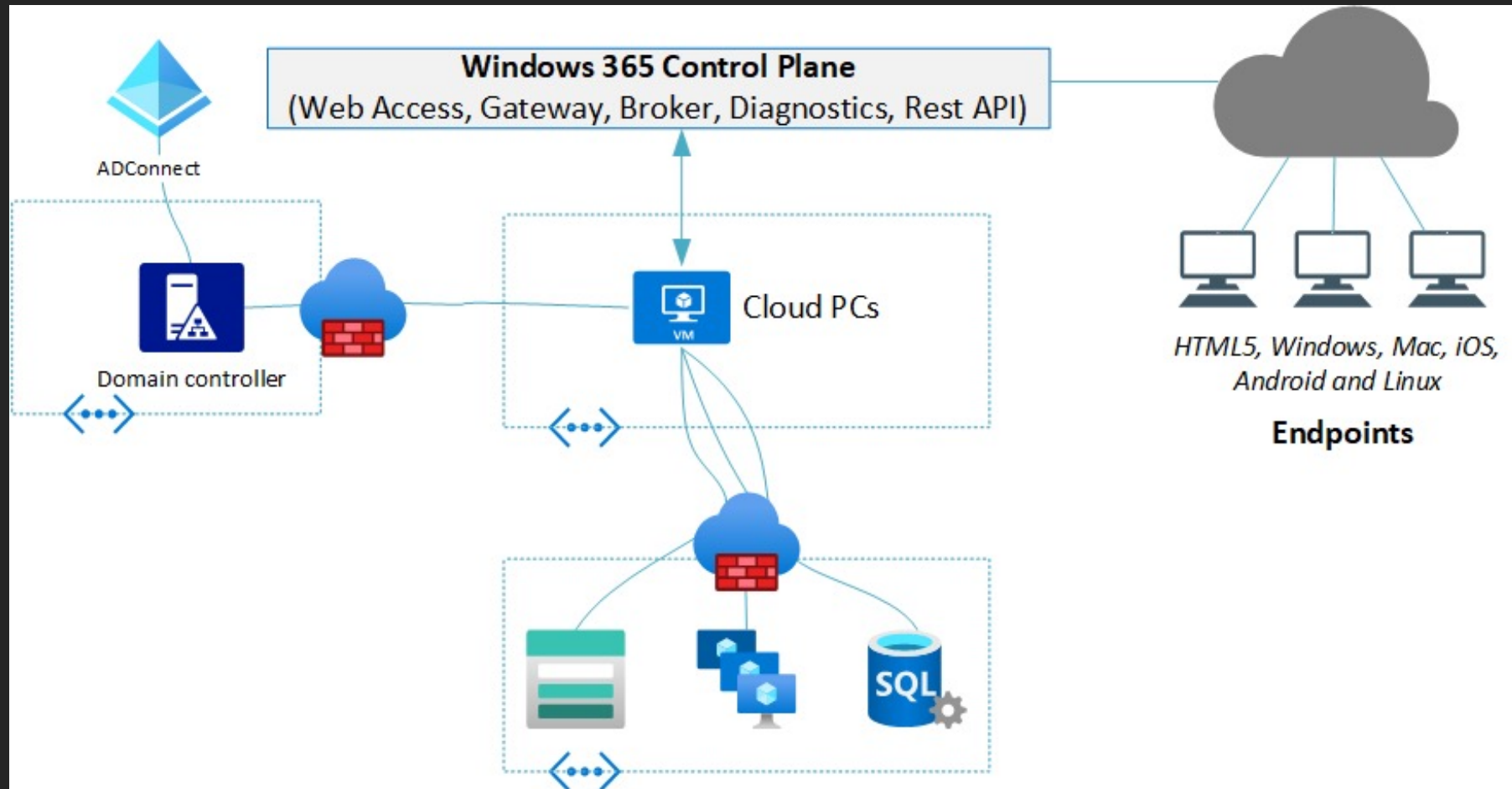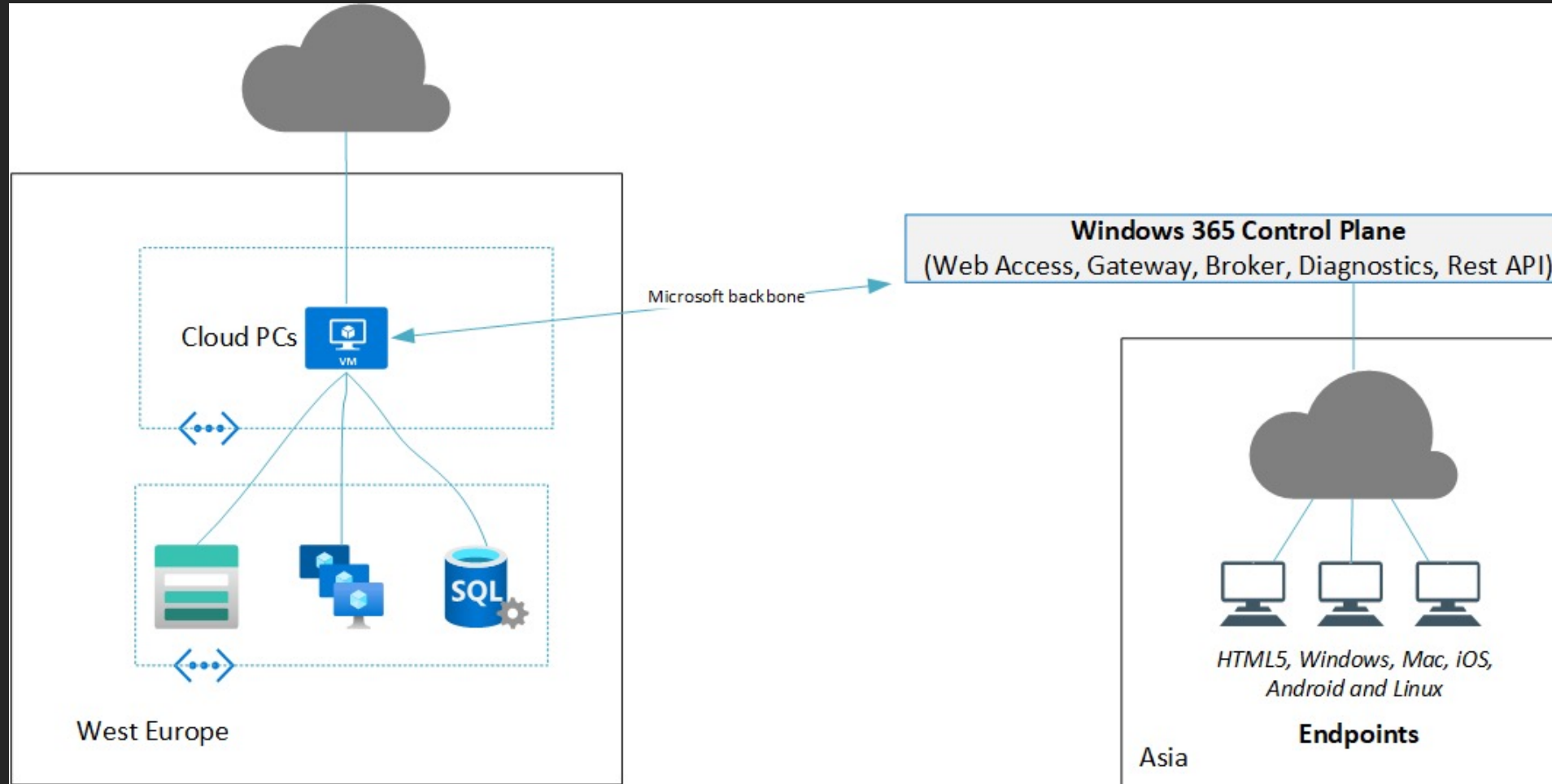 - No matter on what device
- BYOD

Designs

Windows 365 Business
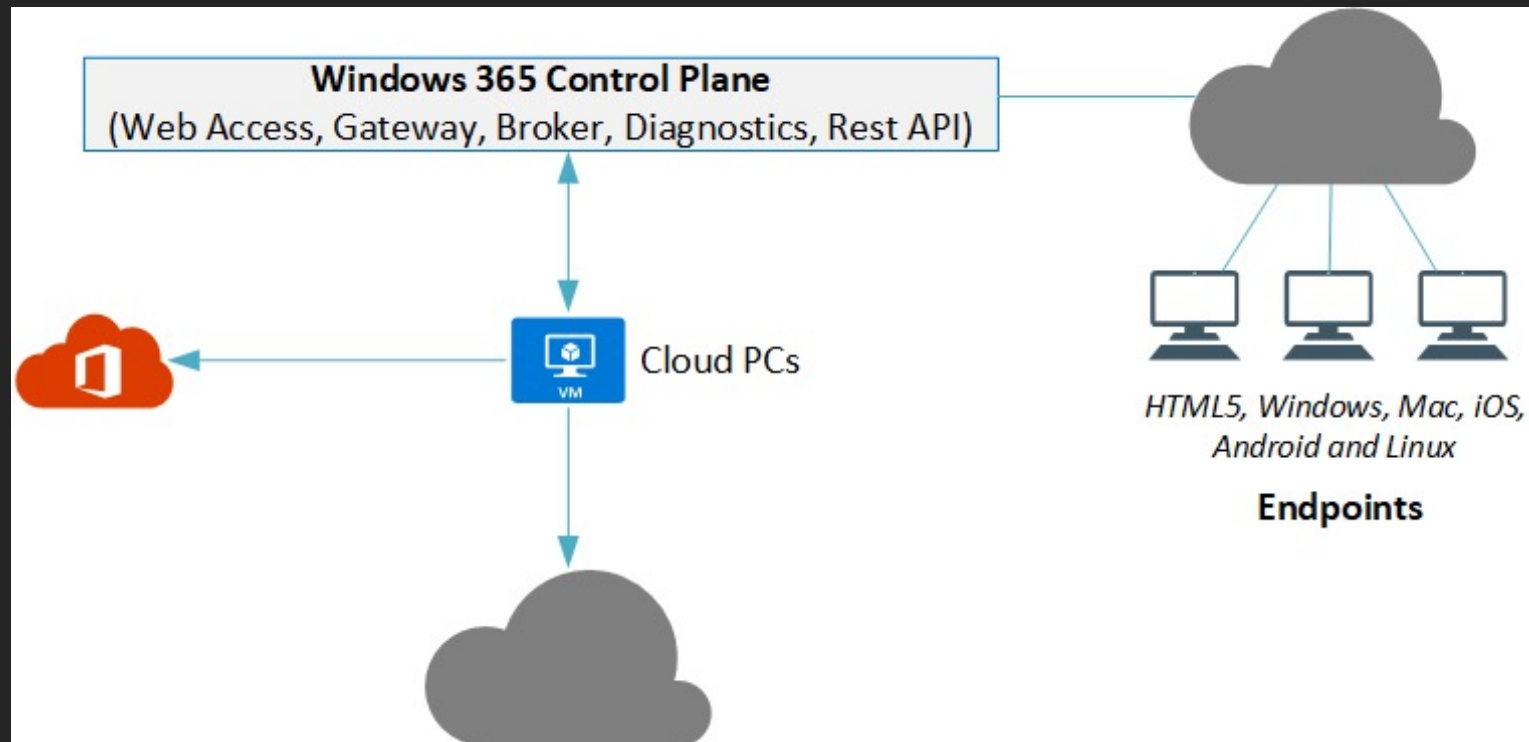
Windows 365 Enterprise
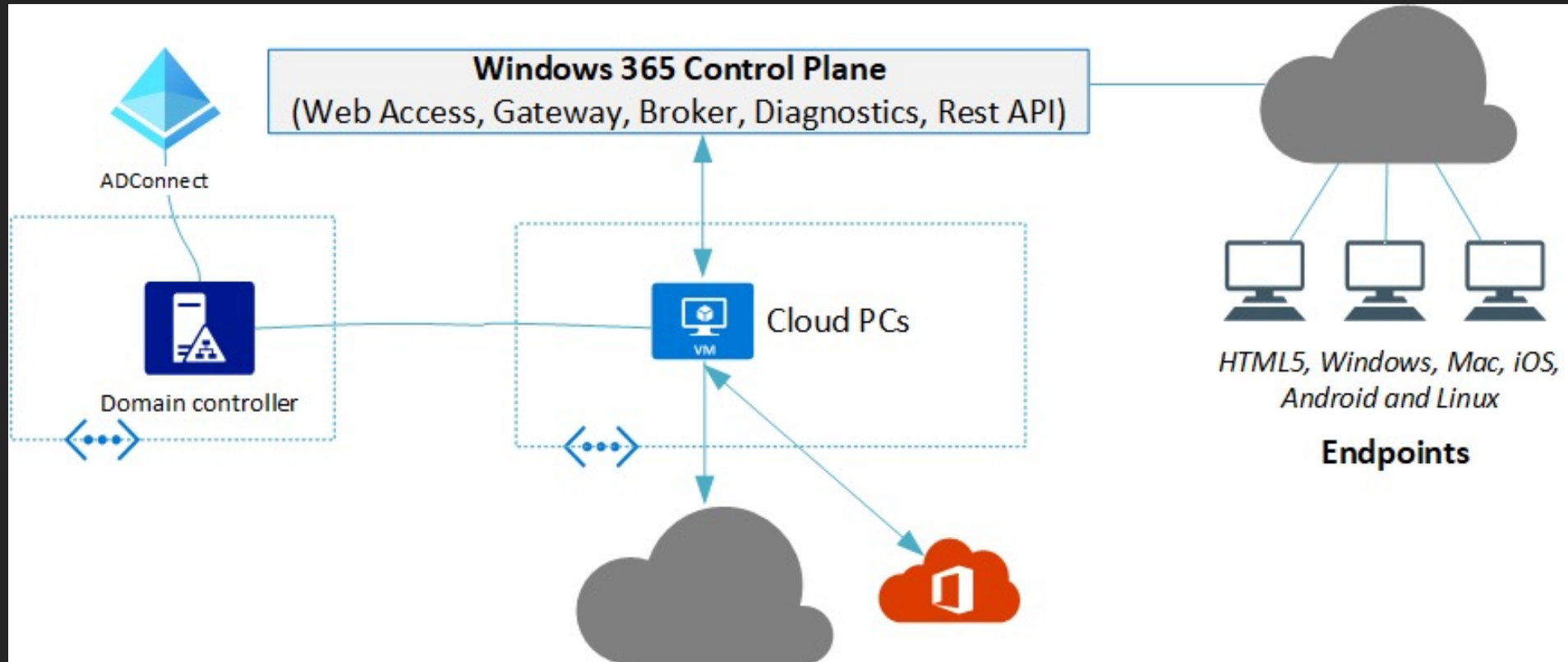
Windows 365 Enterprise

Windows 365 Enterprise

When not?

When should I not use Windows 365?

When not?

- Keep cost as low as possible

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- Application streaming

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- Need specific geolocation

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- Flexibility

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Windows 365

A complete software-as-service (SaaS) solution that securely streams your personalized Windows experience – all your apps, content and settings - to any device

- Windows 10 and Windows 11 personalized desktops

- Management and deployment with familiar desktop tools and skills

- Predictable per-user pricing

Optimized for *simplicity*.

When not?

- Keep cost as low as possible

- Application streaming

- Need specific geolocation

- Flexibility

Azure Virtual Desktop

A flexible cloud virtual desktop infrastructure (VDI) platform that securely delivers virtual desktops and remote apps with maximum control

- Windows 10 and Windows 11 personalized and multi-session desktops and remote app streaming

- Full control over management and deployment, plus options for Citrix and VMware integration

- Flexible consumption-based pricing

Optimized for *flexibility*.

When not?

- Keep cost as low as possible
- Application streaming
- Need specific geolocation
- Flexibility
- GPU

When not?

- Keep cost as low as possible
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- Need specific geolocation
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- GPU
- Really powerful workstations

When not?

- Keep cost as low as possible

- Application streaming

- Need specific geolocation

- Flexibility

- GPU

- Really powerful workstations

- Need for low-latency access to on-prem data

Ignite news

Ignite news

- Windows 11 support (GA for Enterprise)
  - Uses vTPM
- Option to force de-provision (Preview)
- AAD joined Cloud PCs (Closed preview for Enterprise)
- Endpoint Analytics resource reports in MEM (Preview)
- Endpoint Analytics connection reports in MEM (GA)
- Enhancements to windows365.microsoft.com (Preview)
- Option to choose standard user og local admin (Business)

Q&A