



Windows Virtual Desktop

Proof of Concept



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WHY?

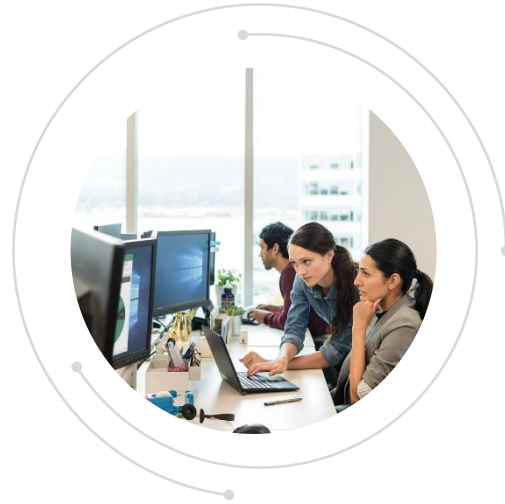
Leave high costs, poor user experience and long support times behind you. The virtual desktop infrastructure solution with a new multiseession function enables the secure, high-performance, and fast provision of Windows 10 desktops anywhere and on any device.

Virtualization scenarios



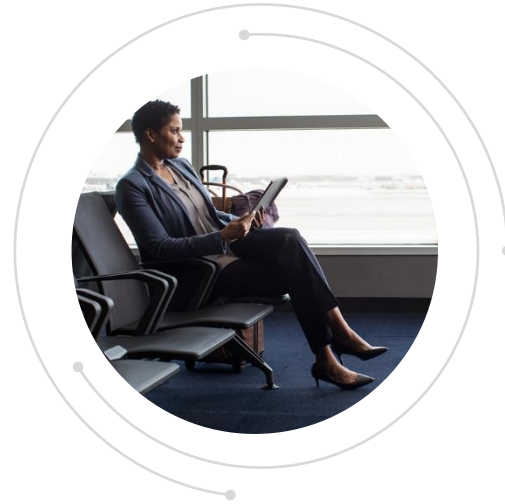
Security and regulation

Financial Services
Healthcare
Nonprofit
Government



Elastic workforce

Mergers & acquisition
Short term employees
Board & partner access
Contractors & volunteers



Specific employees

BYOD & mobile
Call centers
Branch workers
Field & Frontline workers



Specialized workloads

Design & Engineering
Legacy apps
Software dev test



Windows Virtual Desktop is generally available worldwide

The best virtual desktop experience, delivered on Azure



Deliver the only multi-session Windows 10 experience



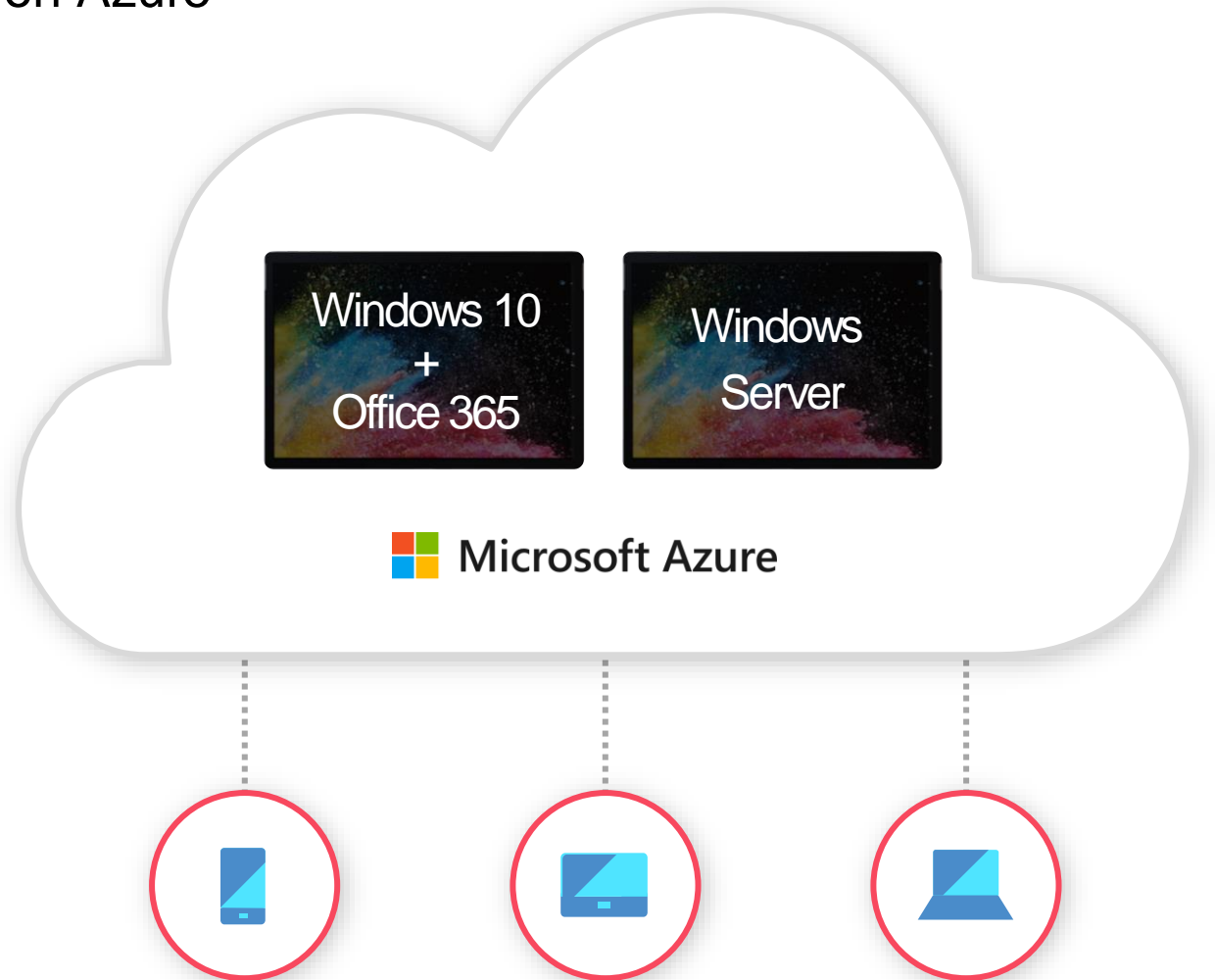
Enable optimizations for Office 365 ProPlus



Migrate Windows Server (RDS) desktops and apps



Deploy and scale in minutes



Most customers are already eligible for WVD



Client

Customers are eligible to access Windows 10 single and multi session and Windows 7 with Windows Virtual Desktop (WVD) if they have one of the following licenses*:

- Microsoft 365 E3/E5
- Microsoft 365 A3/A5/Student Use Benefits
- Microsoft 365 F1
- Microsoft 365 Business
- Windows 10 Enterprise E3/E5
- Windows 10 Education A3/A5
- Windows 10 VDA per user

*Customers can access Windows Virtual Desktop from their non-Windows Pro endpoints if they have a Microsoft 365 E3/E5/F1, Microsoft 365 A3/A5 or Windows 10 VDA per user license.



Server

Customers are eligible to access Server workloads with Windows Virtual Desktop (WVD) if they have one of the following licenses:

- RDS CAL license with active Software Assurance (SA)



Pay only for the virtual machines (VMs), storage, and networking consumed when the users are using the service

Take advantage of options such as [one-year or three-year Azure Reserved Virtual Machine Instances](#), which can save up to 72 percent versus pay-as-you-go pricing. [Now with monthly payment options!](#)



Citrix + Windows Virtual Desktop available worldwide

Delivering enterprise value and unified management around Windows Virtual Desktop



Workspace Experience

Include WVD workloads within Citrix Workspace for central access to all apps, desktops and files



Image Management

Simplify management by layering OS, apps and user data on WVD resources and rapidly provisioning updates



Hybrid Cloud Journey

Accelerate the move to Azure for on-prem customers by enabling management of on-prem and WVD workloads from one console



Environment Management

Optimize host performance, accelerate application delivery, and enhance scalability for WVD



Devoteam WVD Proof of Concept

Scope

1. Planning & designing the PoC WVD infrastructure based on an initial parameterization workshop
2. Deployment & configuration of the PoC WVD environment on Azure
 - Integration of the WVD environment in the local AD structure or “cloud only” in Azure Active Directory
 - Automated as an Infrastructure as Code (IaC) solution
3. Documentation & demonstration of the PoC WVD deployment
 - Consist of two server systems (remote apps & desktop host)
 - Provision of standard office applications as remote apps
 - Outsourcing of the user profiles to the Azure storage account
4. Instruction & handover of the PoC WVD environment to the customer

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Benefits



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author

Ease of Management

- a) The Azure service manages the Remote Desktop Services (RDS) infrastructure and is only needed to manage the users, applications, and virtual machines. RDS components such as Web Service, Gateways, Brokers, and Licenses are provided by Microsoft and no additional infrastructure is needed.
- b) Most customers are already eligible for WVD (licenses)
- c) Most of the costs incurred are covered by consumption. Considerable cost advantages can thus be achieved based on the VM sizes and the actual use.

The major benefit of WVD is reached by the Windows 10 Enterprise Multi-Session OS - which provides a perfect Windows 10 experience without being restricted only on two remote sessions.

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Image Maintenance

- a) WVD deployments is based on Azure VM image:
 - Standard Azure Image from Marketplace
 - “Golden Image” created to support company needs.

User Profile Storage

- a) Enabling FSLogix with Azure File Storage allows to manage user profiles without using roaming profiles or folder redirections.
- b) Without synchronization conflicts because the profiles are located and accessed from the remote location.

Use of MSIX Apps attach with Windows 10

- a) MSIX is a package format that provides a modern packaging interface for all Windows apps.
- b) MSIX app attach in conjunction with FSLogix profile containers keeps the system in a very clean state. But you can though edit and process applications, user profiles, but also data - independent of the operating system.



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Thank you.

