

Windows Virtual Desktop - Solution overview



About desktop virtualization

Virtual desktop infrastructure (VDI) refers to the use of virtualization and virtual machines running in the cloud to provide and manage virtual desktops. Accessing the virtual machines is done remotely from supported devices and remote locations, and all the processing is completed on the host server. VDI can benefit different environments, but there are a few common uses that are uniquely suited for VDI, including remote work, employees using their own devices (BYOD), or large workforces that use the same software to perform limited tasks.

Virtualization helps address specific business needs



Security and regulation

Financial Services
Healthcare
Government



Elastic workforce

Mergers and acquisition
Short term employees
Contractor and partner access



Specific employees

BYOD and mobile
Call centers
Branch workers



Specialized workloads

Design and engineering
Legacy apps
Software dev test

Windows Virtual Desktop (WVD)

Windows Virtual Desktop is a desktop and app virtualization service that runs on the cloud.

Here is what you can do when you run Windows Virtual Desktop on Azure:

Set up a multi-session Windows 10 deployment that delivers a full Windows 10 with scalability

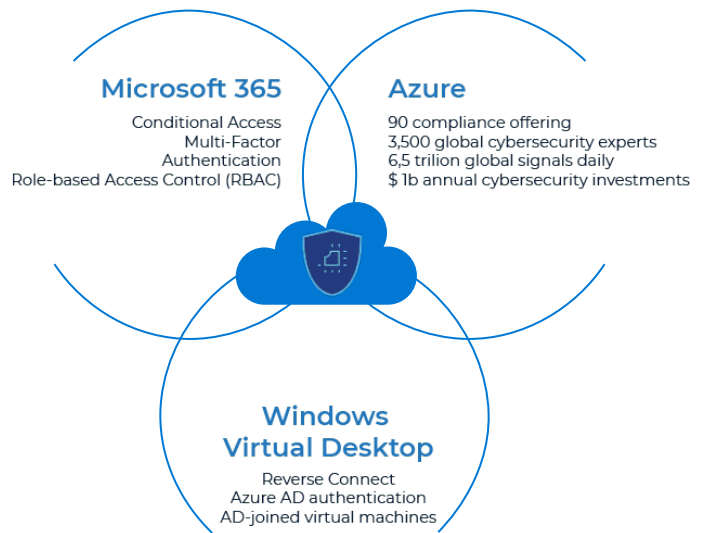
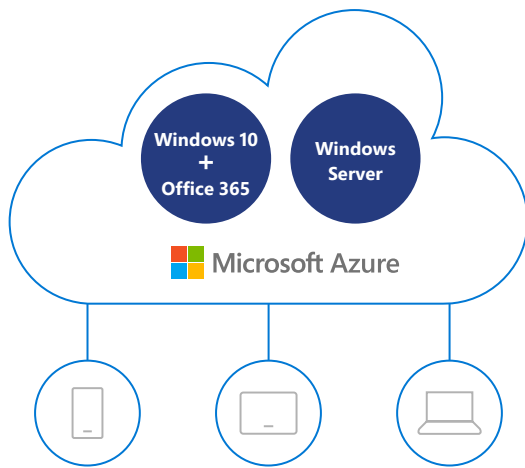
Virtualize Microsoft 365 Apps for enterprise and optimize it to run in multi-user virtual scenarios

Provide Windows 7 virtual desktops with free Extended Security Updates

Bring your existing Remote Desktop Services (RDS) and Windows Server desktops and apps to any computer

Virtualize both desktops and apps

Manage Windows 10, Windows Server, and Windows 7 desktops and apps with a unified management experience



With Windows Virtual Desktop, you can set up a scalable and flexible environment:

- Create a full desktop virtualization environment in your Azure subscription without having to run any additional gateway servers.
- Publish as many host pools as you need to accommodate your diverse workloads.
- Bring your own image for production workloads or test from the Azure Gallery.
- Reduce costs with pooled, multi-session resources. With the new Windows 10 Enterprise multi-session capability exclusive to Windows Virtual Desktop and Remote Desktop Session Host (RDSH) role on Windows Server, you can greatly reduce the number of virtual machines and operating system (OS) overhead while still providing the same resources to your users.
- Provide individual ownership through personal (persistent) desktops.

You can deploy and manage virtual desktops and also assign users to your virtual desktops.

WVD Advantages

→ **Fully managed** - no need to manage infrastructure, WVD is a managed service fully managed and controlled by Azure.

→ **Better user experience** - a new and updated native desktop operating system with an authentic Windows 10 experience

→ **New user profile technology** - based on FSLogix, which improves profile stability, allowing you to maintain the presence of user bookmarks, shortcuts, and the Windows Start menu.

→ **Search indexing** - WVD supports OneDrive search on virtualized desktops.

USER Licensing

If you have already purchased any of the following licenses below, from licensing perspective you are eligible for WVD. In other words, that means you do not need to purchase WVD licenses, because you already have it.

1. 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



2. 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)

Contact us for more information!