
Windows Virtual Desktop (WVD) Jumpstart



Windows Virtual Desktop Overview



Next Generation
of Remote Desktop
Services



Delivered natively
from Microsoft Azure



Enables Windows 10
multi-session capabilities



Enables Windows 7
extended support
scenarios



Supports Windows
Server 2012R2
and above



Supports desktop
and application
virtualization



Incorporates the
power of M365 security

Windows Virtual Desktop Scenarios



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 Use Cases



Branch Office



Centralizing and Consolidating



Mobile Workforce



Home Workers
Contractors



Regulated
Industries



BYOD



Windows 7
Migration



Windows Virtual Desktop Operating System Support



- Windows 10/11 Enterprise Multi-Session
- Windows 10/11 Enterprise Single-Session
- Windows 7 Single-Session*
- Windows Server 2019
- Windows Server 2016
- Windows Server 2012 R2

VMs in clients Azure Subscription
– All configuration such as GPOs etc will be within the organization control.

**Migrating Windows 7 to WVD provides 3 years extended support*



Windows Virtual Desktop Security Controls

Microsoft 365

- ✓ Conditional Access
- ✓ Multi-Factor Authentication
- ✓ Role-based Access Control (RBAC)

Windows Virtual Desktop

- ✓ Reverse Connect
- ✓ Azure AD authentication
- ✓ AD-joined virtual machines

Azure

- ✓ >90 compliance offerings
- ✓ >3,500 global cybersecurity experts
- ✓ 6.5 trillion global signals daily
- ✓ \$1b annual cybersecurity investment



Windows Virtual Desktop Infrastructure Options

Windows Server RD Session Host

Scalable multi-session
legacy Windows
environment

- ✓ Windows Server
- ✓ Multiple sessions
- ✓ Win 32
- ✓ Office Perpetual/Office ProPlus
(Windows Server 2016, 2019)
- ✓ Long-Term Servicing Channel

Windows 10 Enterprise multi-session

Scalable multi-session modern
Windows user experience with
Windows 10 Enterprise security

- ✓ Windows 10
- ✓ Multiple sessions
- ✓ Win32, UWP
- ✓ Office 365 ProPlus
- ✓ Semi-Annual Channel

Windows 10 Enterprise

Native single-session
modern Windows
experience

- ✓ Windows 10
- ✓ Single session
- ✓ Win32, UWP
- ✓ Office 365 ProPlus
- ✓ Semi-Annual Channel

Windows Virtual Desktop Models



Multi-session

Reduce costs with pooled, multi-session resources

Use a Gallery image with/without Office 365 Pro Plus

Use a Custom images with apps installed manually

Master image creation for large multiple VM deployments



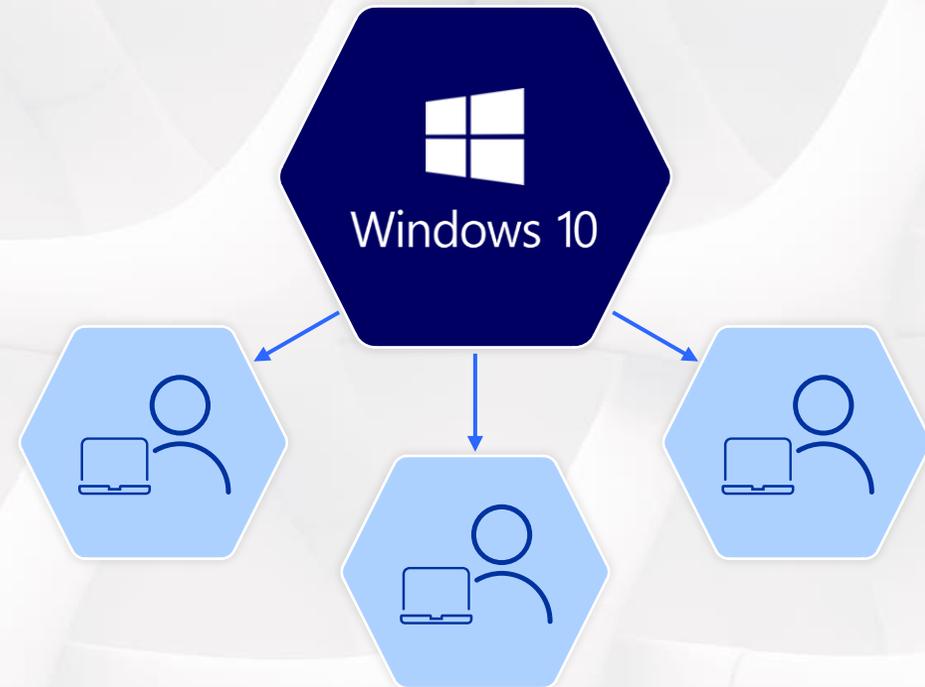
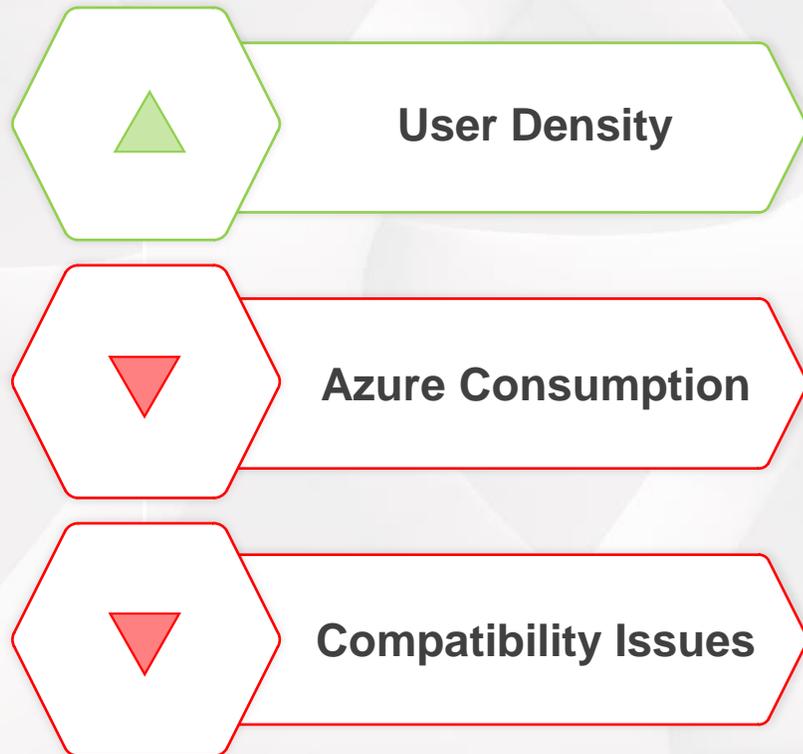
Dedicated

Individual ownership through personal (persistent) desktops

Use Gallery or Custom images

Apps can be installed manually or deployed via Intune / SCCM

Windows Virtual Desktop Multi-Session



Windows Virtual Desktop Dependencies



Windows Virtual Desktop Architecture

