AZURE VIRTUAL DESKTOP PROOF OF CONCEPT

Get a Proof of Concept for a Comprehensive, Cloud-Based Desktop & App Virtualization Service

VIRTUAL DESKTOP INFRASTRUCTURE (VDI)

Virtual Desktop Infrastructure (VDI) allows an endpoint device to connect with an organization's system and applications via a network in the same way as if the user were connecting locally. The growth of Cloud deployments and the rapid changes in the way people work (bring-your-own-device and the rise of the remote workforce) has accelerated the adoption of VDI technology.

Microsoft has aggressively entered the market with its Azure Virtual Desktop (AVD), a comprehensive desktop app virtualization service running in the Cloud. WVD is the only VDI that delivers simplified management, multi-session Windows 10, optimizations for Office 365 ProPlus, and support for Remote Desktop Services (RDS).

BENEFITS OF AZURE VIRTUAL DESKTOP

- ✔ Allows multiple concurrent end users to connect using Windows 10 as a remote desktop session host server

- ✔ Utilizes built-in delegated access to assign roles and collect diagnostics to understand various configurations or user errors

- ✔ Uses Azure's diagnostics service to troubleshoot errors

- ✔ Delivers an Azure-based, Data-as-a-Service (DaaS) offering for IT professionals

- ✔ Enables the transition from self-managed, on-prem, and using hardware VDI solutions to the Cloud

- ✔ Simplifies governance and device management through user management and identity, network policies, image app, and profile management

AVD BUSINESS DRIVERS

Lower Total Cost of Ownership (TCO)

You save money by not having to rely on expensive devices, licensing, and software. AVD allows you to remotely centralize maintenance and provision for your workforce and enables cost savings on hardware and long-term maintenance of devices.

Tighter Security

You can keep data centrally protected while allowing users to securely access data from anywhere remotely using their own device. Using compliance controls, end users are prevented from downloading data from the VD environment.

Superior End-User Performance

The AVD user experience is built to mimic the familiar Windows Desktop appearance and provides highly scalable, always up to date, high performance on any device. In one study that compared the user experience of several VDI solutions, 90 percent of AVD sessions ranked as very good or exceptional.[1]

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Windows Virtual Desktop Use Cases

Desktop-as-a-Service

Create a full desktop virtualization environment in your Azure subscription without having to run any additional gateway servers. Publish full desktop or individual remote apps from a single host pool, create individual app groups for different sets of users, or even assign users to multiple app groups to reduce the number of images.

RDS Replacement

Microsoft AVD simplifies the deployment and licensing model of virtual desktops in the Cloud. You get a familiar Windows 10 desktop instead of a Windows 10 "desktop experience" users have on Server OS with RDS.

Citrix Replacement

AVD is less expensive than Citrix, more accessible, easier to set up, and offers a more familiar Windows 10 UI vs Citrix which presents a Windows OS interface.

Just-In-Time Provisioning

AVD allows you to quickly virtualize and deploy modern legacy desktop apps to the Cloud in minutes while allowing you to control virtual machine sizing, user density, and scaling policies. This ensures you spin up and pay for only the resources you need. WVD is ideal when adding contractors who need access to your organization's data and information while maintaining high levels of security.

How can Interlink help?

Knowing and fully understanding the best route to VDI and the migration process to get there can be complicated. If your organization is looking to leverage the advantages of AVD, Interlink can guide your evaluation and decision-making process by providing a comprehensive proof of concept.

Microsoft offers several funding options to select partners like Interlink to incentivize their customers to evaluate the most up-to-date Microsoft technologies and solutions. As a leading System Integrator for Microsoft's Cloud

solutions, Interlink is eager to help you take advantage of this funding by offering assessments, proof-of-concepts, and deployment/support services for adopting Microsoft's advanced Cloud-based technologies.

Learn how your company can leverage Microsoft funding to take advantage of the advanced Windows Virtual Desktop solution.

Contact us and we'll walk you through current options.

CORE OFFER
Production Ready Proof of Concept

MINIMUM REQUIREMENTS

- M365 E3/Business Premium/F3/E5 licenses for POC users
- Azure subscription
- Azure AD Connect with seamless SSO
- VPN connection to on-premises resources
- Customer to self-deploy RDS client with Interlink support

CONFIGURATION

- Azure AD Domain Services Standard — $109.50/month
- Azure Files Hot for FS Logix profile management — 50GB — $2/month
- Storage accounts and log analytics workspace for diagnostics — $20/month
- 1 host pool
  - » 2 x DS2v4 virtual machine + P10 virtual disk - $280.32/month + $35.84/month
  - » Base image: Microsoft Apps for Business, Adobe Reader, Google Chrome, 1 custom application
- Limited to 12 users and 1 month ($450 in Azure charges, 1 day labor — $5,000)

PROJECT DELIVERABLES

- Production-ready proof of concept for Windows Virtual Desktop
- 1 base host image with core business apps and 1 custom application
- Up to 12 users supported
- Production go-live plan

ADD-ONS

- Additional users/hosts
- Higher end host machines for engineering apps
- Additional host pools/images
- Additional customization of images including security lockdown
- Ongoing management setup
- Autoscaling of host pools and cost optimization including reserved instances and software subscriptions
- Backup/DR
- RDS client deployment
- Transition from RDS/Citrix
- Secure desktop for health care (default policy blueprint)

Learn more at: **www.interlink.com/azure-virtual/desktop**

[1] Virtual Desktop Performance and User Experience Comparison, Dell Technologies, 2020

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