

# Horizon Cloud on Microsoft Azure

Flexibly delivering application virtualization from the cloud

## AT A GLANCE

The VMware Horizon® Cloud Service™ delivers feature-rich virtual desktops and applications using a purpose-built cloud platform that is scalable across multiple deployment options, including fully managed infrastructure from VMware and public cloud infrastructure from Microsoft Azure. The service supports a cloud-scale architecture that makes it easy to deliver virtualized Windows desktops and applications to any device, anytime. And, with a flexible subscription model, organizations can easily get up and running and scale quickly.

## HORIZON CLOUD ON MICROSOFT AZURE

Horizon Cloud on Microsoft Azure simplifies the delivery of virtual desktops and apps. With a single solution, organizations can easily deploy and manage virtual applications and desktops on Microsoft Azure while leveraging cloud resources. IT can save time getting up and running with an easy deployment process, simplified management, and an architecture built for the cloud. And for organizations with fluctuating app usage, the Horizon Cloud on Microsoft Azure solution provides flexible, consumption-based pricing down to the minute.

Today's workforce is changing how business is conducted. End users access corporate content from their offices, from home, and everywhere in between. They use non-Windows devices including iOS, Android, and Mac. And they demand that IT support the specialized applications they need to get the job done. Unfortunately, with shrinking budgets and limited staff, streamlined IT departments simply cannot keep up with these demands, especially while also trying to ensure that security and regulatory mandates are met.

Savvy organizations have embraced desktop and application virtualization to meet these demands. But deploying traditional desktops and applications requires specialized IT staff, and is a rigorous and time-consuming process. Setting up a complete virtual desktop and app environment can take days and sometimes weeks, and solutions require ongoing maintenance and updates. Plus, nearly all environments are over-provisioned, leading to higher costs.

Horizon Cloud on Microsoft Azure gives organizations the ability to connect their own instance of Microsoft Azure to the incredibly intuitive Horizon Cloud control plane, creating a secure, comprehensive cloud-hosted solution for delivering virtualized Windows applications and desktops. The solution brings VMware virtual applications and desktops to Microsoft Azure global data center regions, while offering customers all the benefits of Horizon Cloud, including automated service updates and an intuitive management interface.

## The VMware Advantage

Horizon Cloud on Microsoft Azure accelerates organizations' move to the cloud. Horizon Cloud is unique in its ability to use a single cloud control plane to give customers the flexibility to choose their preferred infrastructure for delivering and managing virtual applications and desktops. Leveraging the VMware cross-cloud strategy, customers can choose from several deployment options and can dynamically switch options if use cases change, employees move, or economics shift.

Horizon Cloud on Microsoft Azure was built to deliver workspaces as a cloud service. Unique features of this service include:

**Multi-cloud flexibility.** Organizations can use their preferred choice of infrastructure including public cloud infrastructure from Microsoft Azure or fully managed infrastructure from VMware, all managed from the Horizon Cloud control plane.

**Centralized cloud management.** IT can centrally manage and configure desktops, apps, and policies across clouds. Cloud management enables IT to have a SaaS-like experience with automated service updates. A single pane of glass to manage the entire deployment reduces the time and expertise to get up and running.

**Virtual applications and desktops**, including Windows 10, on Microsoft Azure while leveraging cloud resources.

**Graphics visualization.** Superior graphics capabilities enable users to visualize graphic-intensive workflows on Microsoft Azure GPUs for RDS and Windows 10 virtual desktop workloads.

**Premium user experience.** Using Blast Extreme, a purpose-built protocol built for the mobile cloud, end users can enjoy a great desktop experience across any network, location, or device. The service supports a range of devices including smartphones, tablets, ultra-low-cost PCs, Macs, and more. IT can dynamically choose between VMware Blast Extreme or PCoIP display technology to deliver the best possible user experience even within the most challenging, high-latency environments.

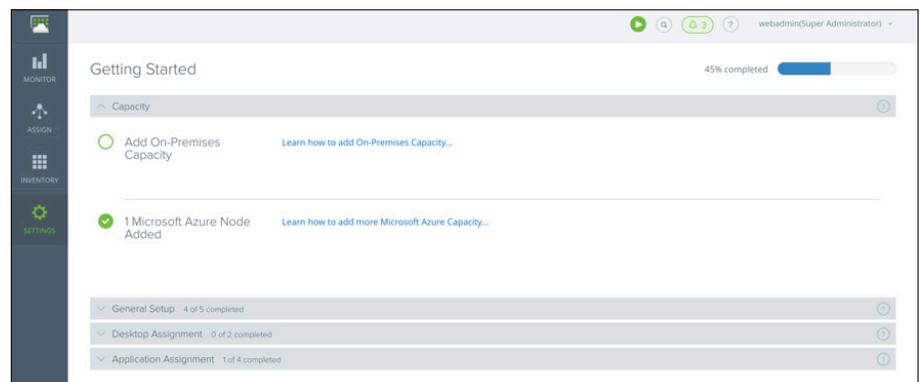


Figure 1: Horizon Cloud on Microsoft Azure Delivers Virtual Desktops and Applications

## Benefits of Horizon Cloud on Microsoft Azure

Horizon Cloud on Microsoft Azure delivers an array of benefits.

### Multi-Cloud Deployments

- Flexibility to manage bring-your-own infrastructure from Microsoft Azure and fully managed infrastructure from VMware on IBM Cloud through the Horizon Cloud control plane

### Low-Cost, Hourly Billing for Microsoft Azure Capacity

- Ability to pair consumption-based pricing on public Infrastructure as a Service (IaaS) with Horizon Cloud service subscription

### Global Footprint

- Single instance to manage deployments across many Microsoft data center regions over the globe, including Microsoft Azure Government

### Easy Deployment

- Automated deployment of Horizon Cloud service components
- Integration with the Microsoft Azure Marketplace allows IT to import a Windows image, on which the necessary agents get automatically applied

#### FIND OUT MORE

For more information, visit <http://vmware.com/go/horizoncloud>.

For information or to purchase VMware products, call 877-4-VMWARE, visit <https://www.vmware.com/products/horizon-cloud-virtual-desktops.html>, or search online for an authorized reseller. For detailed product specifications and system requirements, refer to the VMware Horizon Cloud Service documentation.

#### Simplified Management

- Horizon Cloud always maintained at latest versions
- Under five-minute, self-scheduled upgrades for components on Microsoft Azure via Blue-Green upgrades
- Desktop health alerts to stay on top of resource usage
- Schedule-based power management for RDSH farm servers and VDI allows IT to optimize savings and improve the performance of virtual machines (VMs)
- Agent Auto Update (AAU) to easily update agents via the Horizon Cloud management console

#### Superior Architecture

- Multi-tenant architecture built for the cloud
- Cloud control plane separate from the data path, avoiding unnecessary latency and maintaining business continuity
- VMware Unified Access Gateway™ deployed automatically in Microsoft Azure

#### Security

- Support for RADIUS-based two-factor authentication
- Support for VMware NSX® Cloud enables micro-segmentation of virtual desktops deployed on VMware Horizon Cloud on Microsoft Azure

#### Simple Offer

- Unified Access Gateway included in offer
- [VMware Dynamic Environment Manager™](#) included in offer