

HORIZON CLOUD WITH ON-PREMISES INFRASTRUCTURE

Application and desktop virtualization reimaged

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 on-premises hyper-converged infrastructure (HCI), public cloud infrastructure from Microsoft Azure, or fully managed infrastructure from VMware. The service supports a cloud-scale architecture that makes it easy to deliver Windows desktops and applications to any device, anytime. And, with a flexible subscription model and turnkey solutions, organizations can easily get up and running and scale quickly.

HORIZON CLOUD WITH ON-PREMISES INFRASTRUCTURE

Horizon Cloud with On-Premises Infrastructure gives organizations a bridge to the cloud. This service combines the economic benefits of the cloud with the simplicity of hyper-converged infrastructure to transform the IT experience. Using this flexible and scalable service, IT has a single pane of glass to centrally deliver and manage on-premises virtual desktops and applications from the cloud.

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 with On-Premises Infrastructure represents a new approach to building, delivering, and managing virtual workspaces. This radically simple and scalable service unifies the management of on-premises virtual workspace services (desktops and applications) through a centralized cloud control plane. The service, along with hyper-converged infrastructure solutions from our growing partner ecosystem (Dell EMC, HDS, QCT, and Pivot3), enables the delivery of virtual desktops and apps for as little as \$0.50/user.

The VMware Advantage

Horizon Cloud with On-Premises Infrastructure gives organizations the ability to move to the cloud at their own pace. Organizations can keep virtual desktops and apps on premises close to end users, comply with data residency requirements, and reduce latency and performance issues, while managing the entire deployment from the cloud. The service allows organizations to deliver full Windows desktops and applications as a monthly subscription service.

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

Hybrid-cloud flexibility. This service pairs on-premises virtual desktops and applications with a single cloud control plane. With virtualized desktops and apps deployed on premises near end users, organizations can get superior performance as well as meet security and regulatory requirements.

Cloud control plane. IT can centrally manage and configure desktops, apps, and policies that are on premises as well as those hosted in the cloud. 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.

Real-time desktops and apps. The service leverages VMware Instant Clone Technology and VMware App Volumes™ to dramatically reduce infrastructure requirements while enhancing security. These technologies allow IT to instantly deliver brand-new personalized desktop and app services to end users at login. Endpoint security concerns are alleviated when desktops are destroyed during logout, infrastructure costs are lowered by pooling resources, and storage costs go down.

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.

Modern application delivery architecture. The service uses a modern application delivery architecture that reduces storage and operational costs with one-to-many provisioning, painless packaging, and stable installation. It frees IT from repetitive maintenance tasks and decreases the time spent managing images by up to 95 percent.

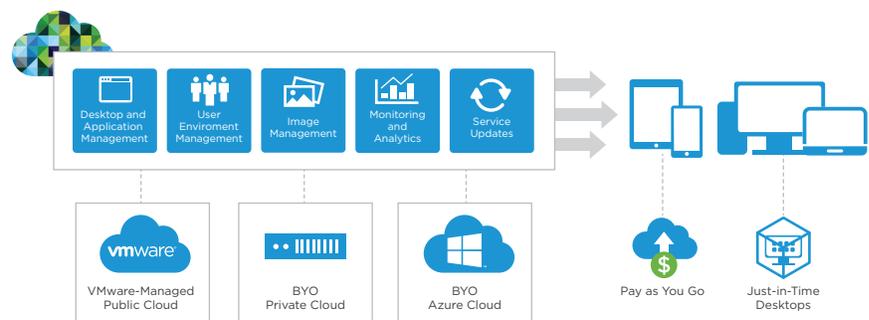


Figure 1: Horizon Cloud Offers Comprehensive Desktop and Application Virtualization

Benefits of Horizon Cloud On-Premises Infrastructure

Bridge to the Cloud

Horizon Cloud with on-premises infrastructure supports organizations' transition to the cloud by pairing centralized cloud management with on-premises infrastructure. Virtualized desktops and applications can be deployed on premises close to end users to improve performance as well as meet security and regulatory mandates.

Radically Simple On-Premises VDI

With a cloud control plane and hyper-converged infrastructure, IT can set up, deploy, manage, and update virtual desktops with a few easy clicks. Certified hyper-converged infrastructure appliances are right-sized, stacked, and ready to go, making it possible to deploy the first 100 desktops in less than 1 hour. And, the entire service is available with zero-downtime updates and just-in-time desktops to deliver a great user experience.

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.

Linear Scalability

Horizon Cloud with on-premises infrastructure allows organizations to move from a CapEx to an OpEx model with predictable subscription-based pricing. Right-sized hardware enables organizations to start small and scale up. And, centralized cloud management means that specialized IT staff is not required to get up and running.

Ecosystem of Partners

With support from a broad ecosystem of certified VMware vSAN™ ReadyNode and hyper-converged infrastructure partners including Dell EMC, HDS, QCT, and Pivot3, IT can choose the appliance that best meets their needs.

