VMware Horizon for VMware Cloud on AWS

At a glance

- Deliver a Horizon enterprise-grade desktop and app platform to the VMware Cloud on AWS cloud.

- Enable key hybrid use cases with Cloud Pod Architecture and the Remote Agent management capability.

- Automatically scale and pay-as-you-go.

- Connect to Horizon Control Plane for add-on SaaS services and tools.

- Implement a comprehensive, intrinsic security solution from the data center to the cloud.

Key benefits

- Achieve rapid time to value and cloud-scale elasticity.

- Simplify management and improve outcomes with familiar, enterprise-grade features and tools.

- Centralize entitlements and enable key hybrid use cases with Cloud Pod Architecture.

- Optimize cost with a pay-as-you-go OpEx model.

The need for greater agility and global deployment options is driving workloads to the public cloud to quickly respond to changing business needs.

Migrating or extending a virtual desktop and application environment to the public cloud brings exceptional flexibility but requires many person hours, an assortment of tools and substantial risk. As companies make the move to the public cloud, they often discover that managing and maintaining cloud and hybrid environments adds complexity. If you are considering the public cloud to deliver virtual desktops and applications, it is important to understand the challenges to choosing a solution that fits your business needs.

VMware Horizon® for VMware Cloud™ on AWS delivers a robust, feature-rich cloud platform for virtual desktops and applications. It combines the enterprise capabilities of the VMware software-defined data center (SDDC), including compute, storage and networking, delivered as a service on AWS, with the market-leading capabilities of VMware Horizon for a simple, secure and scalable solution.
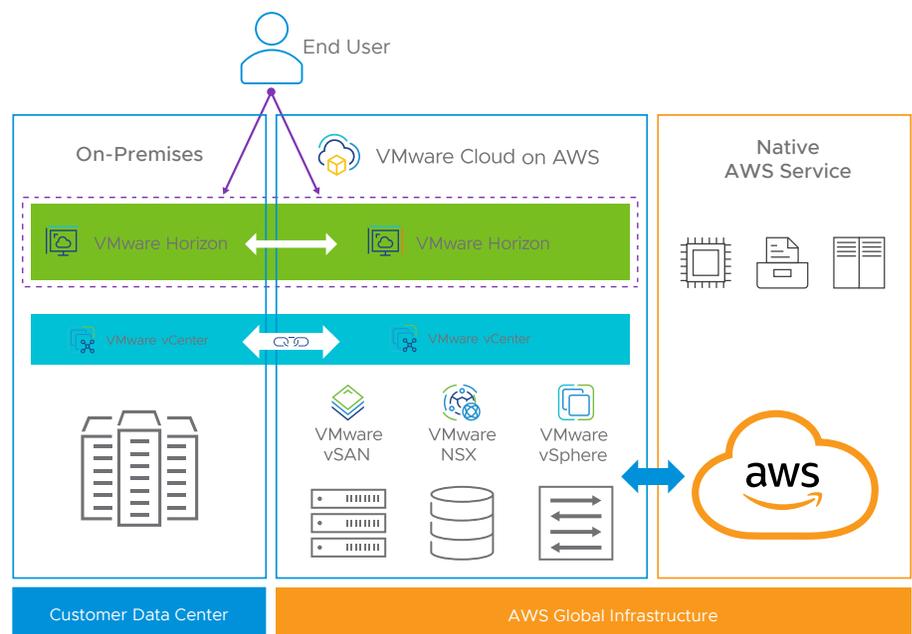

Figure 1: Horizon on VMware Cloud architecture.

Get cloud-scale agility for Horizon

By running Horizon on VMware Cloud, you can add and scale desktop services without investing time or capital in additional data center resources. You get operational consistency by leveraging the same expertise and tools that you know from VMware vSphere® and Horizon. Experience the rich feature set and flexibility that you expect from Horizon while drastically reducing the number of images under management with real-time, one-to-many application provisioning and zero downtime updates.

Simplify cloud management

Horizon on VMware Cloud on AWS brings the hybrid cloud to life. You can secure applications, infrastructure, data and access by implementing a comprehensive, consistent and intrinsic security solution from the data center to the cloud. A unified dashboard delivers health monitoring and help desk services for global Horizon deployments—both on-premises and on VMware Cloud on AWS—from the Horizon Control Plane console. Admins can manage user entitlements and settings and VMware App Volumes™, all from one location, thereby reducing errors that result from using multiple consoles, decreasing deployment time, and improving troubleshooting capabilities. Additionally, Horizon Cloud Plane delivers visibility across multiple Horizon environments, whether on-premises or in the cloud, by unifying connected pods into one view.

Horizon Cloud Pod Architecture delivers a seamless hybrid cloud experience by linking multiple pods together, whether on-premises or on VMware Cloud on AWS, to create a unified desktop and application brokering environment managed through a single, centralized entitlement layer. With a few clicks, an end user can access a desktop or application in the nearest pod. You can also extend your Horizon pods to private data centers to manage desktop capacity deployed on VMware Cloud on AWS. This capability enables you to burst out to VMware Cloud on AWS without creating and managing a new Horizon pod in the cloud.

Pay as you go

With Horizon on VMware Cloud, you can optimize infrastructure costs with flexible, consumption-based billing to avoid upfront capital expenses while paying only for what you actually use. You get rapid time to value with the ability to scale host capacity up or down in a few minutes and spin up an entire VMware SDDC in under 2 hours.

Use cases

Cloud Migration

Easily migrate desktops and applications to the cloud to take advantage of cloud services and a subscription-based model.

Data Center Extension and Disaster Recovery

Extend your desktop workloads between on-premises and VMware Cloud on AWS to support burst capacity and disaster recovery.

Co-location

Place desktops and hosted app servers with workloads and data in the cloud to improve performance and your security posture.

Centralized Desktop Management

Manage temporary workers and remote offices just as you would your primary locations.

Rapid Provisioning

Support new users and applications quickly, such as for mergers and acquisitions.

Simplified Management

Streamline the management and rollout of operating system updates and delivery of business continuity solutions.

Security and Compliance

Centrally manage security while navigating the ever-changing and complex compliance environment.

Take the next step

Simplify your virtual desktop and application management with a proven solution: VMware Horizon on VMware Cloud on AWS. Gain infrastructure flexibility with end-to-end security, and deliver an unparalleled experience that your users need. Reach out to your VMware sales representative today to learn more about this solution.