# VMware Horizon on VMware Cloud on Dell

## At a glance

Deploying VMware Horizon virtual apps and desktops on VMware Cloud on Dell infrastructure brings cloudlike agility to VDI workloads:

- Simplify operations
- Scale on demand
- Reduce security vulnerabilities
- Deliver an exceptional employee experience

The workplace has evolved, and work is no longer performed in a specific location. In its place is the digital workspace where productivity continues regardless of location or device. Organizations must provide their employees with a dynamic digital workspace while maintaining data security and compliance. You need a solution that lets you move seamlessly between data centers, remote edge locations and the public cloud to achieve agility and scalability without the complexities associated with managing on-premises infrastructure.

VMware Horizon® on VMware Cloud™ on Dell offers a fully managed solution that combines VMware's industry-leading virtualization technology and Dell's proven hyper-converged infrastructure. VMware Cloud on Dell provides a complete Software Defined Data Center (SDDC) as a service, combining VMware vSphere® compute, VMware vSAN™ all-flash storage, and VMware NSX-T networking and security in a fully managed and supported offering. Delivered as a service to your data center and edge locations, VMware Cloud on Dell lets IT staff offload infrastructure management tasks to VMware, saving admins' time and providing faster value realization.

With Horizon on VMware Cloud on Dell, virtual desktops remain close to end users, and admins retain full control of workloads while shedding the responsibility of managing physical infrastructure.
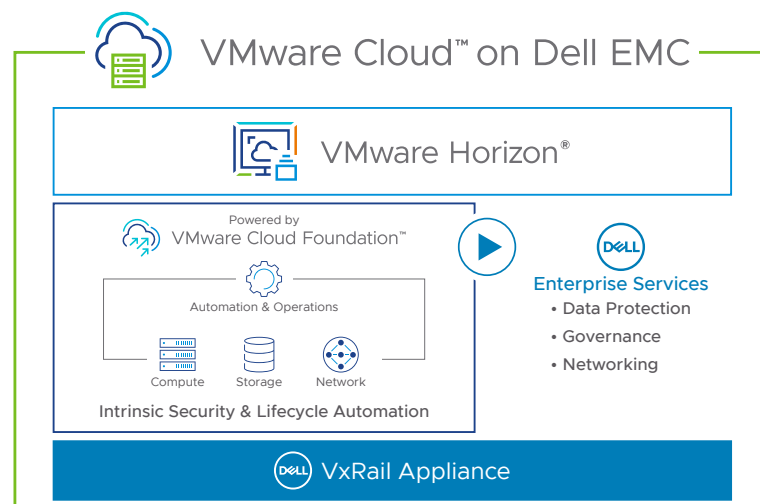


**Figure 1:** VMware Horizon on VMware Cloud on Dell

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## Simplify operations

Horizon on VMware Cloud on Dell simplifies operations by delivering a cloud managed service that provides a prescriptive infrastructure as a service (IaaS) delivered, installed, maintained and supported by VMware, alleviating IT administrators of significant infrastructure management burden. VMware manages the hardware and software lifecycle and system availability, including software upgrades or patches required for the SDDC. Infrastructure and service availability is continually monitored and managed to help ensure optimal uptime. The solution provides unparalleled consistency between your VMware-based public cloud and on-premises infrastructure, reducing overhead for IT teams.

## Scale on demand

Horizon on VMware Cloud on Dell provides the flexibility needed to support changing organizations and capacity fluctuations. You can start small and scale as you grow employee headcount and respond to seasonal contract worker demands. On the VMware Cloud on Dell portal, you can add hosts as needed and take advantage of sizing tools to meet current requirements and anticipated needs. You can manage costs by avoiding over-capitalizing storage and compute capacity and underutilizing the capacity when it is not needed. The solution allows you to begin your end-user computing modernization journey with just three nodes and expand to multiple racks as more users are added.

## Cloud-scale agility for Horizon on-premises

VMware Cloud on Dell simplifies the deployment of Horizon and enables organizations to leverage existing skillsets while providing the benefits of keeping VDI workloads on-premises. With HCX Bulk Workload Migration support, customers can seamlessly replicate virtual machines to new VMware Cloud on Dell hosts. HCX Bulk Workload Migration eases the deployment of Horizon and helps to avoid complex application refactoring and configuration changes while taking advantage of the benefits of maintaining Horizon workloads onsite.

Horizon Cloud Pod Architecture (CPA) enables seamless integration between VMware Cloud on Dell and existing on-premises deployments, providing a unified virtual desktop environment managed through a single, centralized entitlement layer. At the same time, Horizon's CPA gives end users easy access to the nearest pod/site—whether VMware Cloud on Dell, VMware Cloud on AWS, or another on-premises deployment.

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## For more information

To learn more about VMware Horizon on VMware Cloud on Dell, visit:

- VMware Horizon on VMware Cloud on Dell
- VMware Horizon
- VMware Cloud on Dell
- Reference Architecture
- Deployment Guide

## Reduce security vulnerabilities

Horizon on VMware Cloud on Dell delivers robust and consistent security features. Automatic testing and rollout of security patches eliminate the need to maintain numerous testing and staging environments for impact assessments. Horizon management tools enable quick, zero-downtime updates and maintain broad and consistent user-based policy settings across deployments.

## Deliver an exceptional employee experience

Desktop virtualization projects can be hit or miss if IT infrastructure does not have the right amount of compute and storage resources to provide end users with the experience they expect. Poor employee experience due to misaligned IT resources may cause the unanticipated demise of VDI initiatives. Eliminate the possibility of desktop virtualization failure by embracing the scale-as-you-go VMware Cloud on Dell solution. Optimized for Horizon virtual desktops and apps, VMware Cloud on Dell delivers an exceptional experience with low-latency access to all applications and processes. End users receive a seamless virtual desktop and app experience that is personalized and consistent across devices.

## Simplify VDI delivery

The transition to a hybrid workforce is fueling the demand for virtual desktop and app solutions. Horizon on VMware Cloud on Dell is an on-premises, fully managed service that provides the ideal infrastructure for VMware Horizon. Together these offerings team up for a flexible and scalable VDI solution that is designed to simplify management, scale on demand, enhance security and provide end users with an exceptional experience.

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