

VMWARE CLOUD FOUNDATION FOR HORIZON 7

Scale and Secure Your Data Center, Desktops, and Apps with Push-Button Simplicity

Many organizations implement desktop and application virtualization to improve client computing security, deliver greater enterprise mobility, and streamline management. Centralizing desktops and applications protects data at rest, prevents unauthorized application access, and provides a more efficient way to patch, maintain, and upgrade images. With VMware Horizon® 7, virtualized or hosted desktops and applications can be delivered to end users with all of the resources they want, at the speed they expect, with the efficiency business demands.

VMware Cloud Foundation

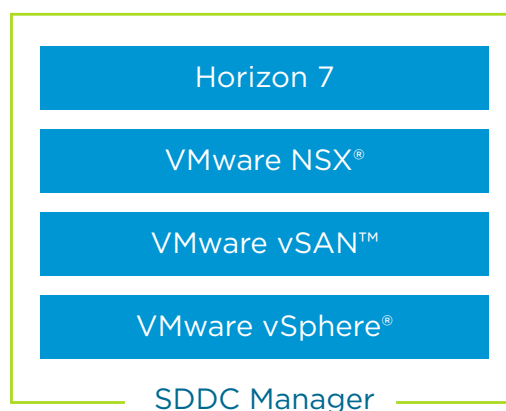


Figure 1: A Complete SDDC Stack for Desktop and Application Virtualization

However, desktop and application virtualization requires a number of data center infrastructure layers—from storage and hypervisor to desktop broker—that must work together seamlessly, and be managed throughout their lifecycle. To simplify Horizon 7 deployments, VMware Cloud Foundation™ delivers an enterprise cloud platform with integrated virtual desktop and application services. It combines software-defined infrastructure for compute, storage, networking, and security with the market-leading capabilities of VMware Horizon 7 for a complete, secure, and easy-to-operate desktop and application virtualization solution.

Push-Button Simple Management for Faster Time to Value

VMware Cloud Foundation for Horizon 7 delivers a complete solution for VDI deployments at scale. It simplifies planning and design with a standardized and tested solution fully optimized for VDI workloads. Cloud Foundation also reduces complexity with automated deployments, configuration, and provisioning.

On average, Cloud Foundation customers have experienced 6–8x faster time to deployment. Thanks to its hyper-converged architecture, Cloud Foundation for desktop environments can accommodate thousands of desktops with elastically scalable infrastructure. Starting with as few as eight nodes, you can linearly scale capacity and performance one node at a time as needed. The built-in automation allows for rapid provisioning of virtual desktops in hours instead of weeks.

End-to-End Security

The combination of Cloud Foundation and Horizon 7 means you can eliminate threats and malware from the endpoint to the data center. You can reduce data leakage from lost or stolen devices, and ensure that every desktop or app is running from a pristine, trusted image in the data center. Security threats that do get through can be quarantined by VMware NSX network microsegmentation—“shrink-wrapped security” that uses distributed virtual firewalling to police traffic to and from each VM, eliminating unauthorized access between desktops and adjacent workloads. Lastly, you can enforce policy-driven access to apps and desktops across corporate and employee-owned devices, complete with VM data encryption.

Best-of-Breed VDI Stack

VMware Cloud Foundation and Horizon 7 give you risk-free deployments with the fastest time to value. Deliver the infrastructure performance VDI demands for a great user experience through kernel-level integration, while reducing risk and enabling lifecycle interoperability through an integrated and standardized deployment of cloud infrastructure with Horizon 7. Deploying with software-defined infrastructure that is highly programmable, scalable, and hardware independent gives you up to 50 percent CapEx savings through hardware virtualization, and up to 55 percent OpEx savings over traditional VDI solutions.

You also have the freedom to “build” your ideal solution with qualified hardware, or “buy” fully integrated systems from one of the many VMware partners. You can build your solution on Cloud Foundation-qualified hardware partners including Dell EMC, Cisco, HPE, QCT, and Fujitsu, or you can buy integrated systems delivered through Dell EMC VxRack SDDC or Fujitsu PRIMEFLEX.

Learn More

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