

EMC INFRASTRUCTURE FOR VIRTUAL DESKTOPS

Enabled by VMware View 4.5
and VMware View Composer 2.5

THE BIG PICTURE

- Improves desktop environment performance by up to 60 percent during boot storms leveraging EMC FAST Cache
- Reduces storage costs by 60 percent by leveraging VMware View Composer and advanced storage technologies from EMC
- Increase performance by up to four times on everyday tasks such as virus scans
- Reduces operational and management costs with a centralized environment
- Improves user experience by leveraging a common image
- Enhances data protection through centralized backup of user data
- Centralizes your desktop environment simplifying management, security, and control

EMC® Infrastructure for Virtual Desktops—enabled by VMware® View™ 4.5 and VMware Composer™ 2.5 reduces costs while delivering robust solutions for the desktop environment. VMware View 4.5 enables you to reduce operational and management costs by centralizing the desktop environment. With the desktop environment in the data center, patching operating systems and applying application updates can be delivered much more efficiently versus the traditional desktop environment where updates require a tedious, time-consuming process across aging network infrastructure.

EMC Infrastructure Solutions for VMware View 4.5 provide a proven, validated architecture to ensure you maximize the benefits of desktop virtualization while meeting service-level agreements. Finally, desktop virtualization enables you to take a meaningful step along your journey to the private cloud, delivering real benefits today in your virtual information infrastructure while laying a strong foundation for your private cloud.

BUSINESS CHALLENGES

EMC Infrastructure for Virtual Desktops can help you meet many challenges, including:

- Providing a consistent user experience to support revenue-generating activities
- Managing and maintaining a global, mobile environment
- Supporting service-level agreements with fewer resources
- Ensuring security of your most at-risk information

SOLUTION OVERVIEW

EMC enables you to centralize your desktop environment, your most at-risk information, with a proven architecture. This solution leverages EMC Celerra® unified storage and advanced technologies from EMC and VMware that optimize performance, improve scalability, and reduce storage costs for the virtual desktop environment, helping support service-level agreements. Key solution components include:

- EMC Celerra unified storage, a dedicated network server optimized for files and block access, that delivers high-end features in a scalable and easy-to-use package.
- EMC FAST (Fully Automated Storage Tiering) tracks I/O and migrates data to the right tier of storage depending on user demand.
- EMC FAST Cache enables Enterprise Flash drives (EFDs) to act as an expanded cache layer for the array delivering optimized performance to all workloads.



VMWARE VIEW 4.5

VMware View 4.5 is the leading desktop virtualization solution, built for delivering desktops as a managed service—from the platform to the protocol. This solution unlocks the desktop components, operating system, applications, and persona (user data and settings) and enables IT to manage them independently of each other for extreme business agility. VMware View dynamically assembles these components together, on-demand, giving users a single, personalized, unified desktop with all applications and information immediately available.

VMware View simplifies desktop management, reduces operational costs, and increases control for IT with flexible access and a superior experience for users, over any network or while offline.

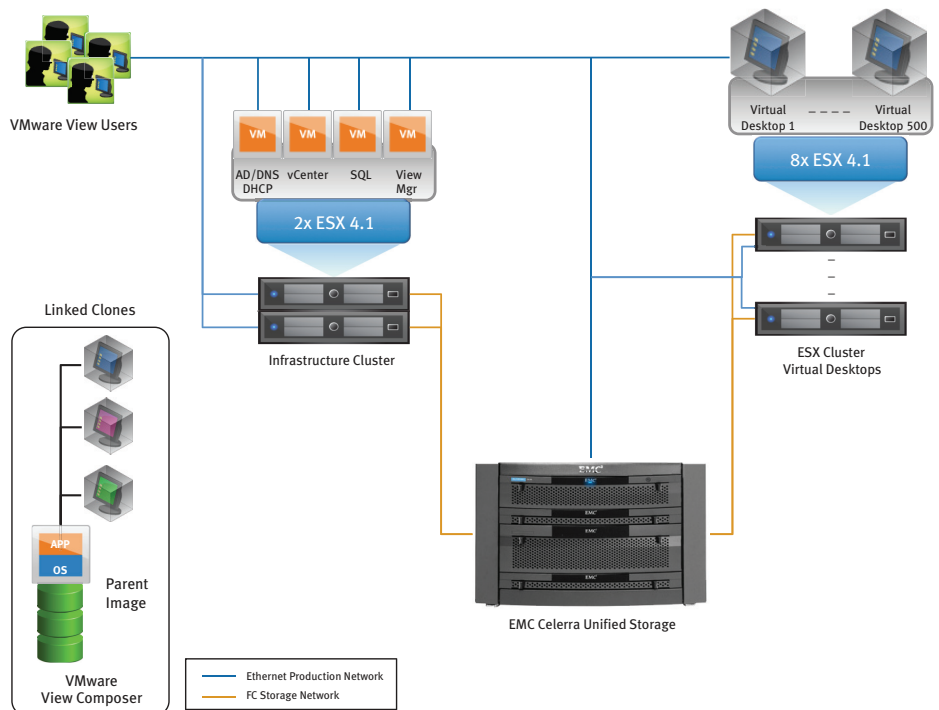
New in VMware View 4.5:

- Full Microsoft® Windows® 7 support
- A new administrative console with support for role-based authentication, a dashboard, and troubleshooting capabilities
- Application assignment for assigning ThinApp applications to VMware View desktops or pools
- Tiered-storage support in View Composer for increased storage flexibility and reduced storage costs
- Local mode, which enables you to download virtual desktops onto physical PCs or laptops and execute locally; security policies remain intact and only changes are checked back into the data center
- Kiosk mode which enables multiple users to share a published virtual desktop from a kiosk

TAKE THE NEXT STEP

To learn how EMC products, services, and solutions can help solve your business and IT challenges, contact your local representative or authorized reseller—or visit us at www.EMC.com.

- VMware View 4.5 modernizes the desktop experience to deliver private cloud capabilities to users for a consistent experience across your global enterprise.
- VMware View Composer creates a master desktop image to deploy across the environment to ensure consistency across the infrastructure and simplify management with ease of patching, updates, and deployment.
- VMware vSphere™ 4.1 is the leading virtualization platform, enabling you to maximize your server resources while increasing flexibility and agility.



EMC Infrastructure for Virtual Desktop-Enabled by VMware View 4.5 reduces storage requirements leveraging VMware View Composer linked-clone technology and advanced storage technologies from EMC.

ABOUT EMC PROVEN SOLUTIONS

EMC Proven™ Solutions provides rigorously tested reference architectures to help customers accelerate their journey to the private cloud. We leverage strategic relationships with Cisco, Microsoft, Oracle, SAP, VMware, and leading industry-specific application providers to develop solutions and best practices for real customer scenarios. Our application experts can help you optimize application performance and availability and to simplify management of your data center environment. Whether you are just considering virtualization or are well on your way to a fully-virtualized environment, EMC Proven Solutions can help you lower the risk of deploying new technologies and ensure predictable, reliable outcomes.

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