



NetApp™
Go further, faster



Infrastructure Solutions

The Best Storage Platform for VMware Virtual Desktop Solutions

NetApp can help you realize the full potential of your virtual desktop environment with storage that's flexible, available and cost-effective.

KEY BENEFITS

Increase Infrastructure Agility

Can deploy hundreds of virtual desktops in minutes.

Use 50% Less Storage

Reduce storage costs by deduplicating redundant data stored across virtual desktops, user directories, and backup and DR copies.

Maintain Continuous User Access to Desktops

Recover quickly from unplanned site outages with the ability to fail over your VMs directly to backup and DR images.

Achieve Compliance of Desktop Data

Keep daily history of every desktop for months or years.

THE CHALLENGE

Maximize the Benefits of a VMware Virtualized Desktop Environment

Desktop virtualization with VMware® VDI allows you to configure, deploy, and maintain hardware-independent desktop virtual machines from central locations. This allows you to improve management and control of your desktop environments while providing a familiar desktop experience to users.

To fully realize the benefits of desktop virtualization, you need to address the increased demands that virtualized desktops pose for your storage infrastructure. Storage costs can increase as desktop data is moved to more expensive data center storage. A system outage can now impact hundreds or thousands of workers at a time. Both SAN and NAS connectivity are often used for virtual desktops, which can require multiple storage systems. Provisioning virtual desktops is done on a much larger scale—often hundreds of desktops at a time. And while it's now possible to secure end-user data, storage systems have a critical role in both protecting the data and even making sure that a user history can't be altered or deleted.

THE SOLUTION

NetApp Unified Storage Solution for VMware VDI Environments

Achieve continuous availability for your desktop environment with highly available storage systems that provide best-in-class data protection. At the same time, you can maximize utilization and lower total cost of ownership using our deduplication and thin provisioning technologies. We also help you consolidate your storage using the industry's broadest unified storage architecture. With NetApp you get the flexibility, high availability, and cost-effectiveness required to grow your virtual desktop environment.

Reduce Storage Costs by 50%

We help you lower storage system and management costs in several ways. Using our deduplication technology, you can reduce storage use by eliminating redundant data stored across virtual desktops, user directories, and backup and DR copies. Combined with NetApp thin provisioning, which increases average storage utilization above 70%, you can slash 50% to 90% off your VMware VDI storage requirements. With NetApp, you get the benefits of RAID 10 (local mirroring) protection at half the disk capacity.

Provide Continuous User Access to Virtual Desktops

Now you can provide your users continuous access to their virtual desktops. Eliminate downtime with a field-measured 99.999% uptime and the proven reliability of NetApp storage systems. Because our storage efficiencies extend to the backup and DR environments, you can afford advanced replication and recovery capabilities for your virtual desktops. End users can recover their own data directly from backup. And in the event of an unplanned site outage, you can recover to the DR site in minutes.

Increased Agility for Virtual Desktop Infrastructure

To respond to rapid growth, you need to be able to deploy new virtual machines and provision storage quickly. With our solutions, you can provision thousands of virtual desktops in minutes with our nearly instant, low-overhead storage cloning. You can flexibly support both the SAN and NAS aspects of a virtual desktop environment on the same storage system with NetApp multiprotocol capabilities (FC, iSCSI, NFS, or CIFS). You can scale to support thousands of virtual desktops on a single system. In addition, the same system can be used for controlled or sensitive data that needs to be retained in tamper proof (WORM) storage to meet corporate or regulatory requirements.

GET THERE FASTER

We not only provide a better destination, we'll also help get you there with our Professional Services and support tailored specifically for virtualized environments. NetApp's Professional Services leverages proven methodologies, tools, and best practices to help you implement the right virtualization solution for your business needs. Our proactive support services employ innovative NetApp technology that makes it possible for you to resolve potential issues before they can cause problems. With our Professional Services as your virtualization guide, you get the combined power of our key technologies in just the right mix for your needs.

Assess

Our experts work with you to identify and characterize your data center environment, including servers, storage, network components, and applications, resulting in a written report that includes a conceptual model, our findings, and prioritized recommendations for increased efficiency.

Consult

This service provides the most efficient server and storage architecture blueprints prescribed for your environment and business needs, including a customized virtualization solution incorporating NetApp storage best practices and complete ROI and TCO analysis of the proposed solution and implementation road map.

Deploy and Manage

We'll help you build and manage your optimal virtual desktop platform based on VMware technology.

Build for Today, Grow for Tomorrow

Along with our specialized services, we offer the industry's broadest family of compatible storage systems and data management software to give you unmatched business agility, superior application uptime, simplicity of management, and low TCO. Our storage solutions for VMware environments simplify data management and save time while leveraging existing investments in heterogeneous storage arrays across FC, iSCSI, NFS, and CIFS.

- NetApp SnapManager® for Virtual Infrastructure enables your VMware administrators to increase productivity by automating common storage management functions.
- NetApp's FAS product line (FAS6000, FAS3000, and FAS2000) integrates easily into complex enterprise environments and simultaneously supports all standard network protocols.
- We provide advanced data management software, including Snapshot™, FlexClone®, FlexVol®, SnapMirror®, SnapRestore®, SnapVault®, deduplication, MetroCluster, and RAID-DP®.

NetApp creates innovative storage and data management solutions that accelerate business breakthroughs and deliver outstanding cost efficiency. Discover our passion for helping companies around the world go further, faster at www.netapp.com.

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