



NetApp™
Go further, faster



Infrastructure Solutions

The Best Storage for Microsoft Managed Virtual Infrastructure

Our storage gives you the best in management efficiency, flexibility and world-class data protection for your Hyper-V virtualized environment.

KEY BENEFITS

Do More with Less Storage

Use 50% less storage with NetApp® deduplication and thin provisioning.

Consume Less Power

Gain 50% or more storage utilization and save up to 50% on power, cooling, and space.

Easily Build Your Infrastructure

With a single NetApp system, you can support hundreds of VMs and take just minutes to provision servers and storage.

Meet SLAs to Keep Your Infrastructure Running

Optimize RTOs and RPOs with NetApp's 99.999% availability, instant backups, and dramatic recovery speeds.

THE CHALLENGE

Get the most from your Microsoft managed virtual infrastructure

Virtualizing your servers with Microsoft® Hyper-V™ has many benefits. Among them are reductions in your total cost of ownership (TCO), better use of hardware, and a way to consolidate your workloads. Such benefits are a given when you use Microsoft Hyper-V to configure, deploy, and maintain virtual machines and run multiple operating system environments, all from a single physical server.

Yet making the wrong choice on the underlying storage for your virtual server environment can seriously curtail the gains you hope to achieve. Using network (or shared) storage is a logical choice, but your costs can go up when moving distributed data from direct-attached storage (DAS) to many types of data center-caliber storage systems. You can impact hundreds or thousands of workers at a time with a planned or unplanned outage.

Your virtualized applications and operating systems now also require more complex disaster recovery processes, along with stricter recovery point objectives (RPOs) and recovery time objectives (RTOs). How well the storage system you use supports such needs is an essential key to success of the virtual infrastructure.

THE SOLUTION

We help you support your Hyper-V virtual infrastructure with the right choice of storage

At NetApp, we can help you get the most out of your Microsoft virtualized server infrastructure. You can maximize your storage resource utilization and further lower your total cost of ownership with NetApp's deduplication and thin provisioning technologies, which eliminate duplicate data and let you allocate only the physical storage you need to run your applications. With NetApp, you can consolidate your storage using the industry's broadest unified storage architecture that supports SAN, NAS, and other storage protocols—from a single NetApp system. You'll also gain confidence in your ability to remain agile and responsive, thanks to the inherent flexibility, high availability, and cost-effectiveness of our systems.

Reduce storage costs by 50%

As you transition to network storage, we can help you lower storage system and management costs in several ways. NetApp's deduplication technology helps you reduce storage requirements by automatically eliminating large quantities of redundant data stored across virtual servers, backup sets, and DR copies. Similarly, NetApp thin provisioning helps you increase your average storage utilization above 50%.

When you combine deduplication and thin provisioning savings together, you can slash as much as 50% to 90% off the total storage requirements for your virtualized infrastructure. NetApp doesn't just stop at these savings, however. When you incorporate NetApp RAID-DP® protection, you'll find you get RAID 10 protection but at half the disk capacity of competitive storage solutions.

Promise users high-availability applications

With the help of NetApp's proven reliability, you can confidently assure users their applications will be highly available. You'll also know your virtual servers and applications will be relatively unaffected by outside events or system malfunctions, thanks to NetApp's advanced replication and recovery capabilities.

With NetApp, you empower the application administrators for Microsoft Exchange, SQL Server™, and SharePoint® with the ability to recover their own application data directly from backups that have been performed with close application-level integration for continuous uptime. In the event of an unplanned site outage, NetApp storage gives you the confidence and ability to recover in minutes to your DR site.

Make your Microsoft virtualized infrastructure more agile

To respond to rapid growth, you need to be able to deploy new virtual machines and provision storage quickly. With NetApp features like our near-instant, low-overhead cloning capability, you can provision and repurpose storage for virtual machines in minutes. You can also flexibly support both the SAN and NAS aspects of your virtual environment on the same storage system, thanks to NetApp's multiprotocol capabilities (supporting FC, iSCSI, NFS, or CIFS).

GET THERE FASTER

We not only provide a better destination for you with virtualization, we also give you a shorter pathway to get there. NetApp's Professional Services and support are tailored specifically for virtualized environments. That means we have the sound methodologies, tools, and best practices you need to implement the right virtualization solution for your business. You'll resolve potential issues before they cause problems with our proactive support services steeped in innovative NetApp technology. You'll lower TCO and experience faster time to production and consistently reliable performance by letting us help you optimize a virtualization solution for your specific needs. With our Professional Services as your virtualization guide, you get the combined power and the exact mix of our key technologies.

Assess

Our services show you how to start capitalizing on the benefits of your virtualized platform. NetApp experts work with you to identify and characterize your data center environment, including servers, storage, network components, and applications. This results in a written report that includes a conceptual model, our findings, and prioritized recommendations on how best to increase your efficiency.

Consult

NetApp works with you to develop the most efficient server and storage architecture blueprints for your own environment and business needs. This includes a customized virtualization solution using NetApp's storage best practices and a complete ROI and TCO analysis of your proposed solution. Our consultants also make sure you have a detailed implementation roadmap on hand as a reference.

Deploy and manage

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

Build for today, grow for tomorrow

Along with our specialized services, your access to NetApp's broad range of compatible storage systems and data management software gives you unmatched business agility, superior application uptime, management simplicity, and low TCO. Our storage solutions for Microsoft environments help you simplify and reduce your data management efforts while letting you leverage existing investments in heterogeneous storage arrays across multiple storage protocols, from FC and iSCSI to NFS and CIFS.

- Seamlessly incorporate our storage into your existing complex enterprise environments. Our FAS product line (NetApp FAS6000, FAS3000, and FAS2000) integrates easily into existing infrastructures and simultaneously supports all standard network protocols.
- Extend the benefits of our simplified data management to your third-party storage arrays with the help of our V-Series product line (V3000 and V6000).
- Bolster your availability and data protection with the help of some of the simplest and most robust data management software in the industry. Our software includes Snapshot™, FlexClone®, FlexVol®, SnapMirror®, SnapRestore®, SnapVault®, deduplication, MetroCluster, and RAID-DP.

NetApp is a world leader in unified storage solutions for today's dataintensive enterprise. Since its inception in 1992, NetApp has delivered technology, product, and partner firsts that simplify data management.

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