



NetApp™
Go further, faster

Software

MultiStore

The easiest way to consolidate, secure,
and manage enterprise storage



KEY BENEFITS

File services consolidation

Simply and easily consolidate the functionality of multiple Windows® and UNIX® file servers without reconfiguring.

Secure resource partitioning

Maintain absolute separation and security of shared storage and network resources.

Simplified data movement and migration

Move and migrate data quickly and easily for easy disaster recovery, hardware upgrades, and resource balancing.

Reduced TCO and simplified management

Shared storage architecture with multiprotocol access simplifies provisioning and reduces the cost of managing multiple, incompatible storage systems.

THE CHALLENGE

Consolidating storage in the dynamic data center

As network, Internet, and server facilities worldwide become increasingly consolidated, you have a growing concern about maintaining absolute security and privacy for your data. Since many of your users and clients may share the same storage resources, it is critically important to provide secure partitioning without the burden of administrative complexity.

Additionally, the pervasive deployment of virtual server solutions creates new challenges for your storage infrastructure since data might need to be moved from one physical storage system to another to match dynamic resource rebalancing within the data center.

THE SOLUTION

NetApp MultiStore

NetApp® MultiStore® software lets you quickly and easily create separate and completely private logical partitions on a single storage system. Each virtual storage partition maintains absolute separation from every other storage partition, so you can enable different enterprise departments to share the same storage resource without

any compromise to privacy and security.

You can be confident that no information on any virtual partition can be viewed, used, or downloaded by unauthorized users.

SECURE STORAGE CONSOLIDATION

Many companies have thousands of Windows and UNIX file servers scattered throughout their enterprise. These servers not only represent an enormous hardware investment; they also create huge, ongoing operational costs. NetApp MultiStore reduces this major expense and complexity by enabling you to consolidate multiple file servers to a single NetApp storage system with no reconfiguration of user data. NFS exports, CIFS shares, and iSCSI partitions can be set up independently. You can also consolidate multiple domains on one system. All good reasons why MultiStore not only saves money on hardware, software, and support, it also reduces the administrative burden. Instead of managing multiple servers, you have just one storage system to manage—the ultimate in simplicity.

Microsoft
GOLD CERTIFIED
Partner

APPLICATION HOSTING

Since MultiStore enables the creation of multiple administrative domains, it is the ideal foundation for a shared storage services model. Whether you are providing backup as a service or a variety of other applications to multiple customers and internal users, consolidation of storage resources across a diverse set of internal users and clients can yield significant cost and operational benefits, but you might have concerns about secure data access and privacy. This is particularly important when you need to prevent unauthorized viewing of or tampering with sensitive information such as human resources records, patient medical histories, and customer billing information. In addition, some clients, departments, or individuals might need the added security of their own private network for their application data. With MultiStore, your users and clients can have the confidence that each virtual data partition is completely private, and the storage network can easily be designated as either separate or shared. You can delegate administration of individual storage partitions to the clients and departments with access privileges while sharing physical storage infrastructure across a diverse set of applications without any impact to data security.

DYNAMIC STORAGE INFRASTRUCTURE

In addition to the move toward data center consolidation, there is an increasing need to provide faster response times, increased organizational agility, and continuous

business operation. You therefore need to move beyond the constraints found in the traditional approach of a tiered storage architecture.

MultiStore can help you achieve a truly dynamic data center environment since data can be provisioned, moved, and protected based on user and application boundaries. Since your critical information is kept in virtual storage containers, you can establish operational and business continuity policies that are data and application centric and not tied to specific hardware configurations. Your ability to easily migrate data sets from one physical storage system to another is particularly important for nondisruptive system upgrades and system load balancing. MultiStore virtual partitions allow you to achieve this type of flexibility within the framework of a unified, multiprotocol architecture. MultiStore also simplifies data movement for disaster recovery since no

client configuration changes are required on the destination storage system. The result is that you can create a shared storage infrastructure that is more responsive, easier to manage, and significantly less expensive to deploy.

PARTNER FOR SUCCESS

When you partner with NetApp, you get the benefits of a fully tested solution, the expertise of our Professional Services and Global Support teams, access to our innovative technologies, and the assurance of best practices. You can accelerate the return on your infrastructure investments and get the most business benefit from them. We respond quickly to your problems, no matter where in the world they occur; and with one of the most flexible support programs in the industry, you always get exactly the support you need for your unique IT and business requirements.

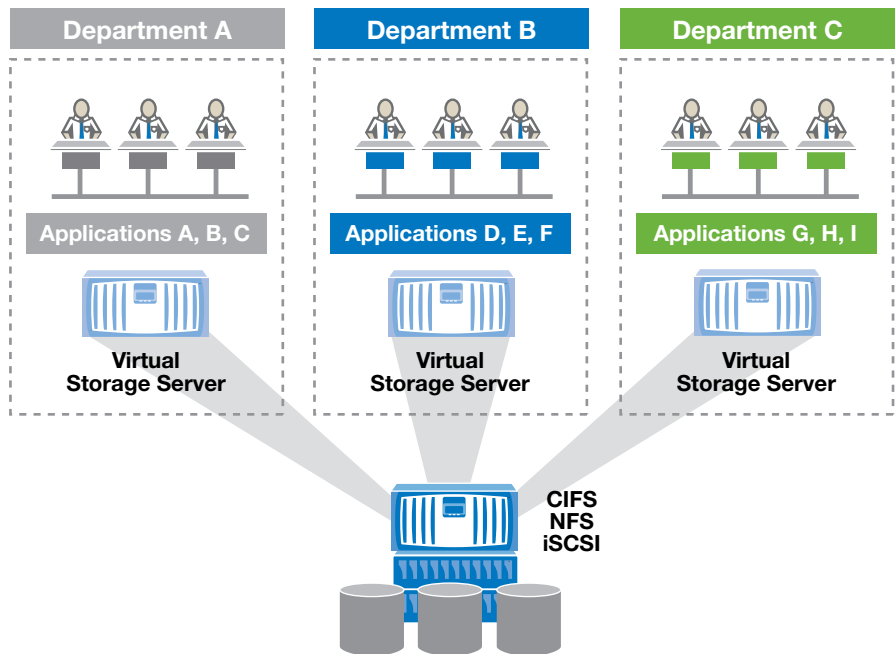


Figure 1) MultiStore enables secure partitioning for shared storage implementations.

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 netapp.com.

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