

**Application Solutions** 

# File Services

NetApp File Services can help simplify your file server environment, improve your user productivity, and lower costs

# **KEY FEATURES**

#### **Lower Costs**

Slash your costs by up to 40% through consolidation, higher utilization, and reduced downtime.

# **Simplify Manageability**

Lower your administrative overhead by as much as 60% while delivering scalable and reliable file storage.

## **Improve Efficiency**

Increase your organization's productivity by minimizing disruptions and meeting changing business needs.

### **DO MORE WITH LESS**

IT organizations have found that user files are among the fastest growing storage areas handled by IT organizations. Storage and Windows architects and administrators use direct-attached storage and file servers to house and serve these files. This has led to the proliferation of storage throughout organizations, resulting in high management overhead, poor storage utilization, and uncontrollable costs.

If you are facing similar challenges, then take control and simply your Windows®, Linux®, and UNIX® networked storage with a NetApp File Services solution. With our solutions, you can reduce the total cost of storing your valuable data by almost 40%, and do so while protecting, retaining, and providing continuous access to your files, whether for hosting home directories or providing shared file storage for applications. With NetApp, you will also be able to handle changing business and storage needs without having to provision new hardware or accept poor utilization of your storage and servers. Imagine how much time, effort, and money that can save you in a year.

With our automated policy-based manageability tools, you can reduce the overhead of managing your file storage by almost 60%. You can also grow or shrink your file system on the fly while protecting and retaining vital Windows, Linux, or UNIX files—a challenge with traditional file servers.

With little to no overhead and minimal disruption to your end users, you can migrate files from existing storage and file servers to a NetApp® solution. Our file virtualization and management tools can help you intelligently classify and migrate Windows files to the right storage tier on NetApp network-attached storage.

#### MINIMIZE DISRUPTIONS

Disruptions, downtime, impaired service levels, accidentally deleted files, disk failure, poor performance, and outages all can cost your organization valuable productivity. Protect your end users and your bottom line with our rich set of data protection and availability features, including redundant design, self-managed RAID-DP® (our patented high-speed implementation of RAID 6), and powerful backup capabilities based on near-instantaneous point-in-time Snapshot™ copies.

With shorter backup windows you will be able to perform more frequent backups and do so without disruption or affecting performance. Additionally your end users will be able to restore previously backed-up files on their own without having to rely on your server or desktop and storage administrators. This will save valuable time that would otherwise be spent restoring files or simply waiting for them to be restored.

You can further safeguard your vital files and ensure continuous access to storage with our flexible and affordable business continuity solutions. Depending on the level of continuity needed, you can easily set up synchronous or asynchronous remote mirroring of your data. You have the flexibility to implement the kind of data protection and continuity that best suits your needs.

#### **CONSOLIDATE WITH CONFIDENCE**

You can consolidate your existing file storage on our solution with the confidence that it will easily integrate with your existing Windows, Linux, or UNIX environment. This includes utilizing your current Active Directory or LDAP infrastructure and supporting a wide range of Windows and NFS clients. You can implement proven partner solutions for antivirus scanning, quota management, security, and auditing with NetApp to further lower your overhead.

With our wide range of platforms and features like integrated deduplication, your Windows File Service will be able to efficiently grow with your growing storage and performance needs. Imagine not having to buy new equipment every time you need to respond to new business and IT requirements or change them.

Contact us to see how NetApp File Services can help you address the challenges of file storage and serving while lowering costs and improving productivity for your organization.

# GET EXCEPTIONAL ENTERPRISE SERVICE AND SUPPORT

NetApp helps you innovate by delivering global enterprise-class services, support, and consulting. We can help you plan, evaluate, and implement your file storage strategy through every phase to maximize your return on investment as your business grows.

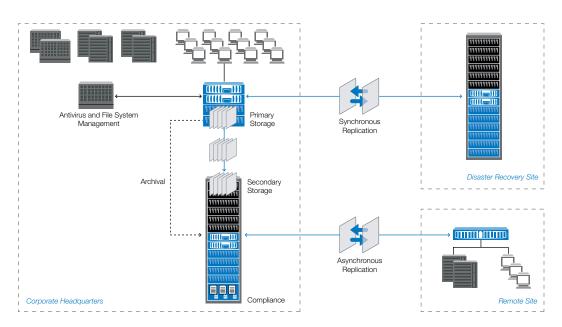


Figure 1) Typical deployment of file services solution.

You get a complete solution for file storage, protection, continuity and archiving with NetApp.



© 2008 NetApp. All rights reserved. Specifications are subject to change without notice. NetApp, the NetApp logo, Go further, faster, RAID-DP, and Snapshot are trademarks or registered trademarks of NetApp, Inc. in the United States and/or other countries. Linux is a registered trademark of Linus Tovalds. UNIX is a registered trademark of The Open Group. Windows is a registered trademark of Microsoft Corporation. All other brands or products are trademarks or registered trademarks of their respective holders and should be treated as such. DS-2790-0408

