NetApp™
Go further, faster

Application Solution

NetApp Solutions for Microsoft SQL Server

Reduce costs and increase availability with our highly efficient, scalable storage and data management solutions

KEY BENEFITS

Speed backup and recovery
Back up more often and recover any size database in minutes.

Reduce costs
Reduce TCO by 36%[1] when you deploy Microsoft® SQL Server® databases on NetApp® storage solutions.

Increase flexibility
Meet changing business needs using a single platform that offers IP or FC SAN architectures, nondisruptive storage provisioning, and space-efficient cloning capabilities.

Reduce operational costs
Leverage our SQL Server data management software to simplify management with no additional training required.

Partner with industry leaders
We work closely with Microsoft to make sure our technologies work well together and deliver the high-quality computing experience you expect.

THE CHALLENGE

Increase data availability while reducing management costs
Microsoft SQL Server is a powerful and cost-effective database solution that has been deployed to meet a variety of enterprise and departmental needs. Microsoft SQL Server 2008 builds on this innovation and momentum. Supporting enterprise-wide deployments of these powerful databases with direct-attached storage systems can increase the complexity of your IT environment, resulting in high overhead and administrative costs. Widely distributed data assets often lack integration and result in poor system availability. The key to solving this issue is to upgrade your SQL Server environment with a flexible, enterprise-class storage solution that serves your data efficiently and reliably while reducing management costs and leveraging as much of your current infrastructure as possible.

THE SOLUTION

Implement your SQL Server deployment on NetApp storage systems
You can easily manage data from multiple SQL Server systems when you deploy on our simple, scalable storage systems. You get more efficient, reliable data storage and cut costs at the same time. The combination of our storage solutions with your SQL Server systems can help you:

- Increase your application availability
- Simplify your data management
- Reduce your storage and data management costs
- Enable better data protection
- Accelerate your deployment, testing, and QA application lifecycle

Our highly efficient and scalable storage solutions let you consolidate all your SQL Server data using an iSCSI or Fibre Channel SAN infrastructure, depending on which protocol you already use. And, as the need arises, you can extend our storage systems to add new functionality for disk-based backup vaulting, disaster recovery, and other capabilities.

2009 ADVANCED INFRASTRUCTURE SOLUTIONS
Storage Solutions
PARTNER OF THE YEAR
WINNER

IMPROVE BUSINESS RESULTS

You can improve your bottom line and receive rapid return on your investment with our storage solutions, which are tailored for Microsoft SQL Server. You save money through improved storage utilization, reduced and simplified management, and increased productivity. Your system is more reliable. You're able to grow as business needs dictate, without disrupting the system or your end users. You're better able to accommodate testing and perform short-term projects. And, when unforeseen events disrupt your system, you can rapidly recover. We've built our reputation on the results we've provided to many companies and organizations.

SEE YOUR SOLUTION IN ACTION

Visit a Microsoft Technology Center and see for yourself how the combination of NetApp storage systems and Microsoft SQL Server can provide you with a resilient foundation for all of your business needs. For more information, contact your NetApp representative.
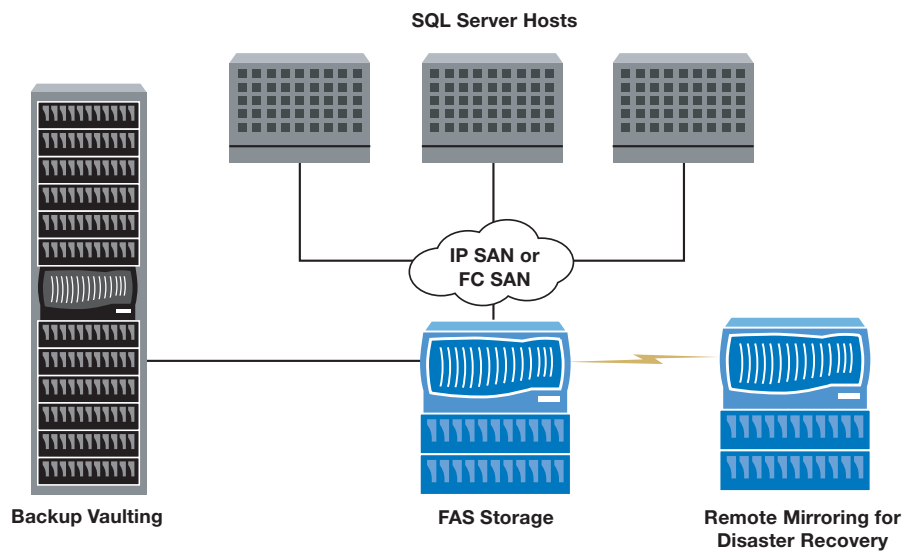
SQL Server Hosts

IP SAN or FC SAN

Backup Vaulting

FAS Storage

Remote Mirroring for Disaster Recovery

Figure 1) End-to-end SQL Server storage using NetApp solutions.

"If an end-user file is deleted or corrupted, it takes less than five minutes to recover from a recent Snapshot copy. We've recovered entire SQL Server databases in five to 15 minutes. The reliability of our NetApp solution is unmatched."

Henry Jenkins
Chief Technology Officer, First American Trust Federal Savings Bank

CHALLENGE	NETAPP SOLUTION
Speed backup and recovery	You can recover any size database in minutes by using our Snapshot™ and SnapRestore® software. You have quick and easy access to hundreds of near-instantaneous backups that do not degrade system performance.
Accelerate application deployment	With our FlexClone® technology, you'll find it much more efficient to deploy new applications. Without using any additional storage space, you can create numerous instant replicas of production data volumes and data sets for use in testing and bug fixing, platform and upgrade checks, and production simulations.
Respond quickly to data growth	When you need to grow, you can rapidly add terabytes of storage capacity without disrupting SQL Server. To do this, you use our FlexVol® technology (standard on all systems) to create multiple flexible volumes on a large pool of disks. You get higher capacity utilization and better performance.
Simplify management	Data management is streamlined when you use our SnapManager® for SQL Server to automate backup, recovery, and cloning activities. And any Windows® administrator can easily manage our consolidated SAN storage solutions.
Reduce costs	To reduce your overall storage costs, you can leverage your existing iSCSI and/or Fibre Channel infrastructure to cut storage outlay, centralize management, and get more efficient storage and server utilization.
Enable your success	Our NetApp Global Services can provide you with the expertise needed to augment or assist your IT staff while designing, planning, implementing, and migrating your SQL Server environment onto our storage systems. We'll help you be successful and on time.

NetApp™

www.netapp.com

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.