



NetApp Fabric-Attached Storage Systems (FAS)

Provides storage solutions for a broad range of needs, from your remote office applications to your largest enterprise applications.

Overview

You can reduce costs and complexity, minimize risks, and control change by simplifying data management with NetApp® fabric-attached storage (FAS) systems. Our FAS product line provides storage solutions for a broad range of needs, from your remote office applications to your largest enterprise applications. Regardless of the size of your enterprise, we have a storage solution that will fit your needs. For your large-scale data consolidations and high-performance applications, we offer the high-end FAS6000 series. For exceptional price-performance value, we offer the midrange FAS3100 series. And for your remote offices, we offer the FAS2000 series, which you can also use as primary storage in midsize enterprises.

Key Benefits

- » **Reduce Downtime** - Keep your mission-critical data continuously available throughout your organization.
- » **Improve Performance** - Get high throughput and fast response times for transaction processing, database interaction, and technical applications.
- » **Reduce Costs** - Consolidate and serve data for a wide variety of workloads spanning SAN and NAS environments for both primary and secondary storage.
- » **Respond Quickly to Growth** - Expand capacity without disrupting operations and easily upgrade for better performance.
- » **Lower TCO** - With simplified deployment, administration, and management, you can enjoy lower total cost of ownership.

Consolidate for a Variety of Workloads

For storage consolidation, our systems are extremely versatile. You can simultaneously access file- and block-level application data with concurrent connections to Fibre Channel (FC) and IP networks. With NetApp, you can consolidate and serve data for a wide variety of workloads, including:

- » Business applications
- » E-mail
- » Enterprise content management
- » Technical applications



- » Web content
- » Home directories

Our FAS systems provide scalable, high availability storage for your Windows®, UNIX®, and Linux® servers. You can access your data over FC and iSCSI storage area networks (SANs) and access files using standard protocols for network-attached storage (NAS). Because our systems use both high-performance and high-density disk drives, in either homogeneous or mixed storage configurations, you get a choice of tiered storage options. When it comes to storage consolidation, you can use our systems to span both SAN and NAS environments and meet your primary and secondary storage needs.

Provision Storage Quickly

You can provision and manage storage more quickly with Data ONTAP® 7G. All of our FAS systems run the NetApp Data ONTAP operating system, which we optimize for fast, efficient, and reliable data access and retention. With our FlexVol® technology for provisioning and configuring our storage, you can eliminate costly overprovisioning and avoid time-consuming reconfiguration; with a single command, you can dynamically expand or contract LUNs and volumes. You can extend these storage provisioning capabilities to your databases and applications with our host-based NetApp SnapDrive® software.

We also help you improve application and database development and predeployment testing. Using another Data ONTAP 7G feature, FlexClone®, you can instantaneously create cloned LUNs or volumes without additional storage.

Increase Data Protection and Availability

To provide you with resilient system operation and high data availability, we tightly integrate our hardware systems with the Data ONTAP 7G operating system. Our FAS systems use redundant, hot-swappable components, and with our patented doubleparity RAID-DP® (our high-performance RAID 6 application), you get superior data protection with little or no performance loss.

You can rely on our SnapSuite™ products to deliver the application-level availability that your business requires for 24x7 operation. NetApp Snapshot™ technology is uniquely suited to protect your production data. We provide up to 255 data-in-place, point-in-time images per LUN or file system. You can recover a single file or a full data set nearly instantaneously, and with our technology, your performance overhead nearly disappears. SnapMirror® utilizes our

Snapshot technology to provide you with incremental block-level synchronous and asynchronous replication. SnapVault®, in contrast, uses our Snapshot technology to perform block-level incremental backups of your data to another system. You can be assured of consistent backup images and application-level recovery in minutes when you use our host-based SnapManager® software, which integrates Snapshot management with your applications.

For more information about NetApp Fabric-Attached Storage Systems, please contact your sales representative.



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