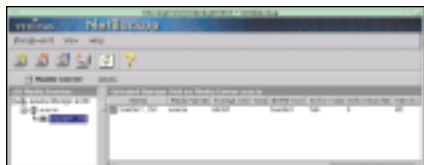


# VERITAS NetBackup™

## for Network Appliance®



NetBackup offers a consistent graphical user interface for UNIX and Windows NT servers. This allows administrators to easily manage NDMP NAS devices from the platform of their choice.

### Redefining Enterprise Data Protection

The proliferation of networked attached storage (NAS) should come as no surprise. Indeed, industry analysts, such as Gartner Group, have begun monitoring how NAS is encroaching on spaces once dominated by traditional server implementations. Today, many organizations are looking to NAS to fill the specialized role of "serving data" to the enterprise.

Among the NAS leaders in serving data, Network Appliance® delivers an extensive line of systems that consolidate data from several different sources – UNIX, Windows NT, and Web environments, for example – into "quickly accessible, centralized locations". Of course, with any system that provides data management, one must factor in considerations for protecting that data. **VERITAS NetBackup™**, the industry leader for protecting data in heterogeneous environments, supports fast, reliable backup and recovery of NetApp filers.

#### Product Highlights

- **Centralized administration**  
Backup policy (class) management, including scheduling, may be managed via a single user interface.
- **High-speed local backup**  
Perform backups from NetApp filers directly to locally attached tape devices for performance without increasing network traffic.
- **Alternate Client Restore**  
Data backed up on one NetApp filer may be restored to different NetApp filer. This helps simplify both recovery simulation and general restoration of data, especially when the NetApp filer that performed the initial backup is unavailable.
- **Backup for the Enterprise**  
In addition to protecting data residing on NetApp filers, NetBackup provides comprehensive protection for data in the rest of the enterprise, including backup and recovery of file systems and databases on both UNIX and Windows NT.
- **Broad tape device, autochanger, and library support**  
NetBackup supports most popular tape peripherals.

NetBackup accomplishes backup and recovery of Network Appliance filers using NDMP (Network Data Management Protocol), an open protocol co-developed by Network Appliance. The NDMP protocol allows NDMP client software, such as VERITAS NetBackup, to send messages over the network to an NDMP server application to initiate and control backup and restore operations. The NDMP server application resides on an NDMP host, such as a NetApp F760. The NetBackup for NDMP Server is where the NetBackup for NDMP software is installed; it may be a master server, a media server or both. If it is only a media server, however, the assumption is that there is a separate NetBackup master server to control backup and restore operations.

*"After four rounds of evaluation, we chose VERITAS NetBackup based on its solid performance in NDMP backup and recovery for large-scale, UNIX and Windows NT environments. Software from SAS Institute helps Fortune 500 companies and other organizations turn their customer, financial, network-performance, quality and other data into information for better business-decision making. As a result, we have a special appreciation for the importance of data integrity and reliability.*

*For SAS Institute, VERITAS NetBackup offered us the ability to back up and recover our data quickly and with minimal impact on network performance. This ability and VERITAS NetBackup's centralized management of the backup and recovery process were truly deciding factors in our choice of VERITAS Software."*

– Amy Kreiling  
System Support Manager  
SAS Institute

### Implementation Flexibility

VERITAS NetBackup supports backing up NetApp filers to locally attached tape storage (see red arrow in diagram). Backups may also be directed from one NDMP host to another host which has locally attached tape storage (see blue arrows in diagram). This "3-way backup/restore" capability helps further reduce operating costs by offering a choice of how to deploy expensive tape peripheral hardware. Filer backups no longer require locally attached tape storage. Furthermore, NetBackup's support for sharing tape libraries between NDMP hosts and other NetBackup servers also helps to optimize tape hardware utilization and lower peripheral costs.

### VERITAS NetBackup Family

VERITAS NetBackup for Network Appliance is part of the NetBackup™ family of data protection solutions, which includes **NetBackup™ DataCenter**, **NetBackup BusinessServer™**, and **NetBackup™ Professional**. The VERITAS NetBackup™ family delivers the industry's leading backup and recovery software solution for heterogeneous environments, scalable from the desktop to the data center, and now includes support for the mobile laptop. Enterprises large and small rely on VERITAS NetBackup™ for comprehensive data protection—today, tomorrow, and in the future. Many organizations use multiple backup products for UNIX, Windows, and database backup, or rely on end users to copy critical corporate data on desktops and mobile laptops to a networked file server. This results in inconsistent and unreliable data protection throughout the enterprise. The NetBackup™ family safeguards the integrity of all corporate data, on all platforms and in all databases. The VERITAS NetBackup™ family is the world's most powerful enterprise wide data protection solution for fast, reliable, and consistent backup and recovery.

## Redefining Enterprise Data Protection

### System Requirements

#### VERITAS NetBackup Release 3.4

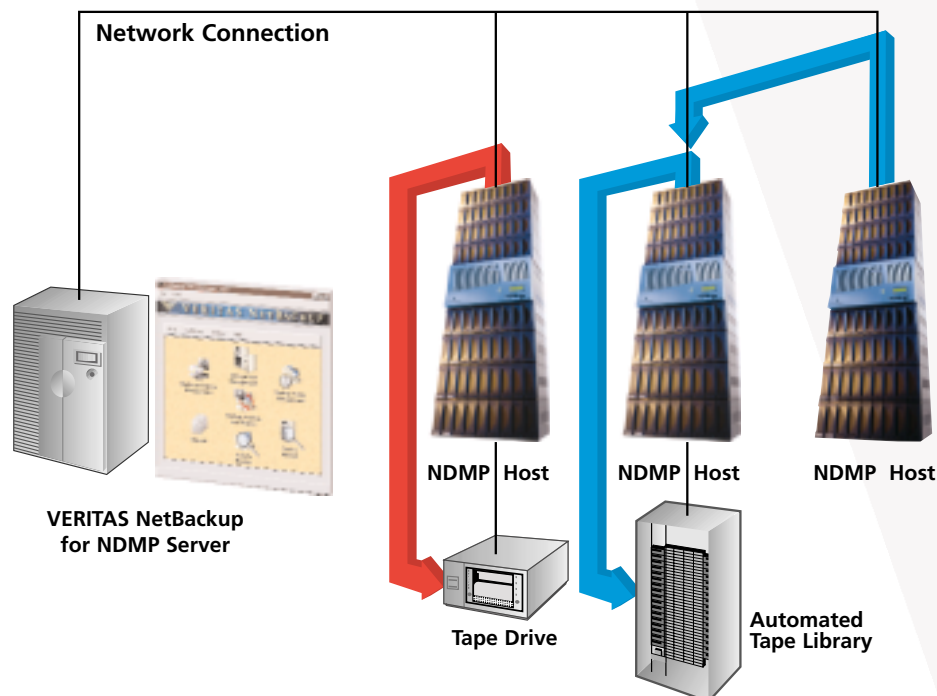
- Supported Platforms (NetBackup for NDMP Server): Sun Solaris, HP-UX, IBM AIX, Windows NT/Windows 2000
- Supported Peripherals (1): DLT tape library or drive, DLT tape stacker, 8 mm tape library or drive, Storage Tek ACSLS-controlled tape drive or library
- Qualified Network Appliance Data ONTAP™ Release(s) (2): 5.3.6R1, 5.3.4

#### VERITAS NetBackup Release 3.2

- Supported Platforms (NetBackup for NDMP Server): Sun Solaris, HP-UX, IBM AIX, Windows NT/Windows 2000
- Supported Peripherals (1): DLT tape library or drive, DLT tape stacker, 8 mm tape library or drive, Storage Tek ACSLS-controlled tape drive or library
- Qualified Network Appliance Data ONTAP™ Release(s) (2): 5.3.6R1, 5.3.4, (2a): 5.3.2R1, 5.2.3

#### Notes:

- (1) For more detailed information on supported peripherals, please check with your VERITAS authorized reseller, or contact your local VERITAS representative.
- (2) Supported Data OnTap releases as of August 2000. For the latest information on Data OnTap support, please check with your VERITAS authorized reseller, or contact your local VERITAS representative.
- (2a) NetBackup support of Data OnTap 5.3.2R1 is for local backup/restore only.



**About VERITAS®:** For enterprises that demand continuous availability of business critical information, VERITAS is the leading enterprise class application storage management software provider. Unlike other types of storage management vendors who offer proprietary hardware-centric solutions, or limited product offerings, VERITAS provides leading, comprehensive, enterprise class application storage management solutions that ensure information availability, enabling customers to protect, access, and manage their business critical information.

### VERITAS Software Corporation

**Corporate Headquarters**  
**1600 Plymouth Street**  
**Mountain View, CA 94043**  
**650-335-8000**

For additional information about VERITAS, its products, or the location of an office near you, please call our corporate headquarters or visit our Web site at [www.veritas.com](http://www.veritas.com)