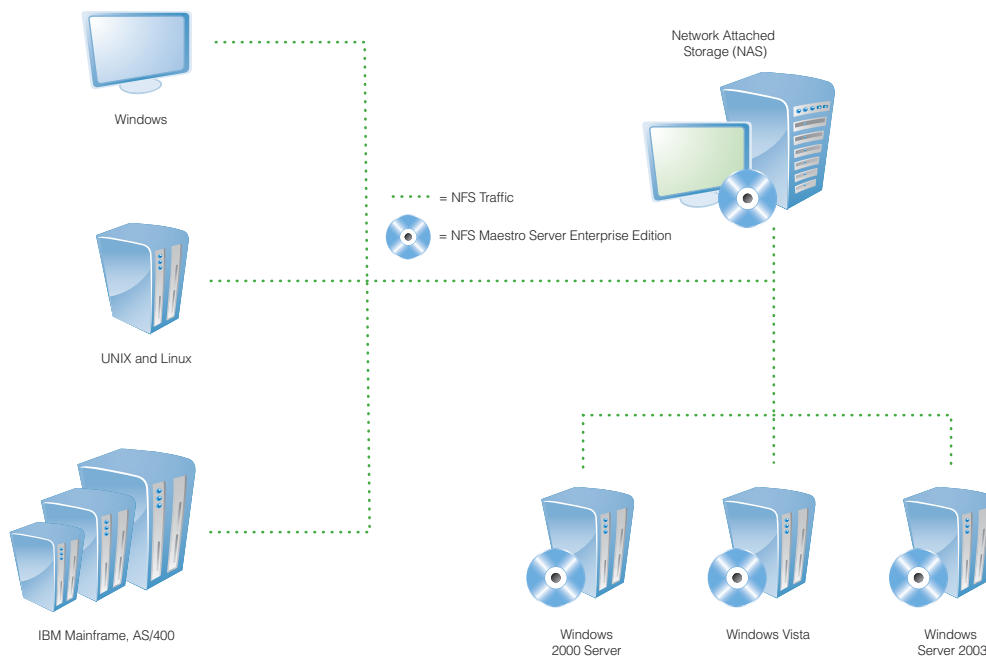


# NFS Maestro Server™ 2008 Enterprise Edition

## The NFS Solution for Mission—Critical Enterprise Storage

With a design that will satisfy the most stringent demands from IT storage professionals, and fulfill the most critical requirements for sharing data between Microsoft® Windows® Servers and UNIX® workstations, NFS Maestro Server Enterprise Edition is the most advanced PC NFS server available in the market.



Certified for use on Microsoft Windows Vista, NFS Maestro Server Enterprise Edition is a powerful and cost-effective component that fits superbly in your enterprise storage strategy.

### Cost Effectiveness

The mainstream enterprise storage strategy is to consolidate islands of data across disparate storage systems into a well-organized and easy-to-manage data storage center where administrators can efficiently manage an increased volume of data with decreased overhead. The secondary, but equally important, objective of this strategy is to ensure the ease of access by users from Windows and UNIX universe alike. While the solution may be complex and the initial cost may be high, it brings undeniable long term benefits and savings for the corporation.

As the server room of most enterprise organizations is filled with Windows and UNIX servers, and critical data is scattered amongst them, the Network File System protocol is needed to bridge this barrier and allow fluent data sharing between Windows and UNIX servers and users. NFS is one of the few successful and popular distributed file system services designed for use in a heterogeneous computing environment.

### New Features

#### Certification

- Certified for Windows Vista

#### NFS Support

- Supports NFS version 2, 3 and 4 (RFC1094, RFC1813 and RFC3530)
- Kernel Mode implementation
- Microsoft Cluster aware
- Unlimited connections and exported file systems
- Supports Microsoft Volume Shadow Copy Service (VSS)
- Supports Operation in IPv6 networks
- Native 64-bit support for Microsoft Windows x64 family and Windows Vista
- Supports DELEGATION for enhanced performance
- Supports HPFS, NTFS and FAT32 file system
- Supports SETGID Option
- Customizable mount paths
- Displays server statistics (Read/Write and Mount/Lock/PCNFSD Requests)

#### Directory Services Support

- Supports NIS, NIS+, LDAP and Microsoft Active Directory®
- Supports schema definitions including: RFC2307, RFC2307AIX, AD4UNIX and Vintela VAS
- Supports multiple directory service profiles for each directory service type
- Auto-mount capability
- Supports NETGROUP

#### Name Mapping Server

- New stand alone server to map Windows user and group to UNIX UID and GID
- Stores name mapping data on any Windows machine running Active Directory Application Mode (ADAM)
- Integrates with Directory Services
- Supports Auto mapping

#### Security

- Supports RPCSEC-GSS (RFC2203) and GSS-API (RFC2078)
- Supports Kerberos and LIPKEY as GSS providers
- Allows clients to discover the authentication type required through SECINFO
- Supports Solaris® ACL and SASL protocol for authenticating with Microsoft Active Directory domain (RFC2222)

Functioning as the main communication hub, NFS server is a low cost component that holds the life-line of the enterprise storage solution. NFS Maestro Server Enterprise Edition not only offers outstanding NFS functionalities, it also provides seamless integration with the Microsoft Server operating systems, interacts efficiently with the Microsoft Active Directory or any enterprise directory services, and allows administrators to manage the Server using the familiar Microsoft management interface. NFS Maestro Server Enterprise Edition offers the highest functional value at only a fraction of your overall storage solution budget.

### Hummingbird® is the NFS Expert!

The foundation of NFS Maestro™ product family is built on nearly 20 years of experience. As the product was channelling through computing eras, it was constantly evolving and adapting to the emerging technologies. NFS Maestro was always on top of the trends and it was always optimized for the latest Windows Server operating system in order to provide the most reliable performance; this commitment made NFS Maestro one of the most recognizable and trusted brands in the NFS market.

Has been actively involved in the evolution and the development the NFS protocol for many years. Our commitment to promoting and driving the NFS technology to success has never wavered, and our ambition of becoming the premiere NFS provider in the market has remained consistent. With years of experience in expertly bringing Windows and UNIX user communities together using the NFS protocol, Hummingbird Connectivity now brings you the most powerful NFS Server in the market: NFS Maestro Server Enterprise Edition. It is the fifth member of the Hummingbird Connectivity NFS product line-up, which includes NFS Maestro Solo™ and the award-winning NFS Maestro Client.™

As the market and technology leader, NFS Maestro Server Enterprise Edition is one of the most important components in your enterprise storage strategy. Hummingbird is the company that you can rely on for many of your NFS needs.

### Windows Vista and Windows Server 2003 Certified

Being certified for Microsoft Windows Vista and Windows Server 2003 means NFS Maestro Server Enterprise Edition has been rigorously tested by an independent 3rd party in a real-world environment for security, reliability, interoperability and supportability. The application is proven to be superior in design and stable in execution. Customers also avoid nonessential system restarts and unplanned downtime, which can be translated into high productivity and reliability. This certification is endorsed by Microsoft and enterprise users alike because it signifies that NFS Maestro Server Enterprise Edition is suitable for use in the business-critical environment.

### Key Features

**Certification**

- Certified for Windows Vista

**NFS Support**

- Supports NFS version 2, 3 and 4 (RFC1094, RFC1813, RFC 3530)
- Kernel Mode implementation
- Supports Microsoft Volume Shadow Copy Service (VSS)
- Microsoft Cluster Aware
- Supports unlimited clients and exported file systems
- Supports Operation in IPv6 networks
- Native 32-bit and x64 implementation
- Supports WebNFS (RFC2054) and NFS over TCP
- PCNFSD v1.0 for NFS client user authentication
- Supports NTFS and FAT32 file system
- Supports 32-bit File locking
- Displays server statistics (Read/Write and Mount/Lock/PCNFSD Requests)
- Supports 64-bit Cookies

**Directory Services Support**

- Supports NIS, NIS+ and LDAP
- Supports Microsoft Active Directory
- Supports schema definitions including: RFC2307, RFC2307AIX, AD4UNIX and Vintela VAS
- Auto-mount capability
- Supports NETGROUP

**Name Mapping Server**

- A stand-alone server that maps Windows user and group to UNIX UID and GID
- Integrates with Directory Services
- Supports Auto mapping

### System Requirements

- **Operating Systems:** Windows Vista, Windows Server 2003, Windows Server 2003 x64 Edition, Windows 2000 SP4 and Windows 2000 Advanced Server SP4
- **Minimum memory** as prescribed by Operating System
- **Hard Drive** space for typical installation: 14 MB



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