

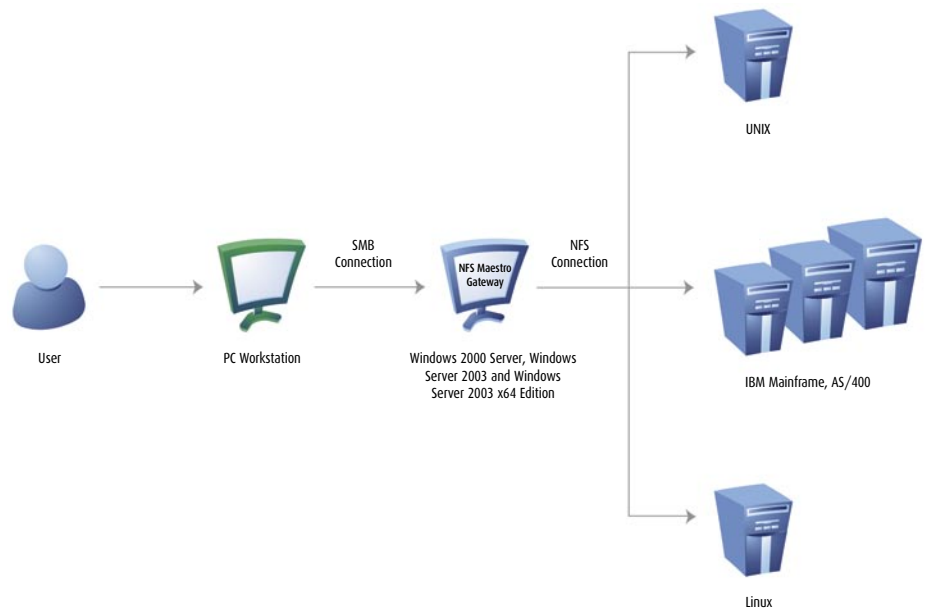


NFS Maestro Gateway™ 2006

NFS Maestro Gateway is a true zero-client, zero deployment and zero administration Network File Systems (NFS) solution. It gives Microsoft® Windows® Network users access to UNIX machines from a familiar graphical Windows environment without having to understand UNIX, NFS commands or underlying network complexities. NFS Maestro Gateway benefits organizations by lowering the administrative and training cost and increasing the Return On Investment.

Key Features

- > The most complete support for all NFS protocols, including NFSv4
- > Supports Microsoft Cluster Services gives NFS Maestro Gateway™ unprecedented scalability, availability and manageability of the mission critical data
- > IPv6 ready
- > Name Mapping Server is highly scalability and manageability for enterprise
- > LDAP schema are supported, including RFC2307AIX, AD4UNIX and Vintela VAS
- > Other directory services support, including NIS and NIS+
- > Supports the latest MIT Kerberos and Hummingbird Kerberos™ 2006
- > Unicode Windows Networking API is supported
- > Supports Hard and Soft mount



Zero Installation = Zero Overhead

It is every PC administrators' dream to deploy software without having to install them on end-users' desktops individually. A Zero-client solution that is totally seamless and absolutely transparent is no longer a fairy tale. NFS Maestro Gateway is a stable, centrally managed and high performance zero client solution that installs on Windows® PCs. It acts as a proxy between UNIX/NFS and Microsoft®/SMB networks, thus eliminating the need to install NFS client software on individual PCs. NFS Maestro Gateway is a dream come true.

Hummingbird Makes File Access Easy

Let's face it — most users don't care whether their files are located on a local file system, Microsoft Windows Network, UNIX or VMS. They only care about accessing them! Transparent and seamless access is the key to success in a heterogeneous network system environment. NFS Maestro Gateway enables desktop users to access remote data in a familiar Windows environment without needing to understand where the file is physically located or the underlying network complexities that allow them access.

NFSv4 — A New Page for Remote Resource Access

Network File System version 4 is the latest revision of this 13 year old, widely adapted, resource sharing protocol. Hummingbird is one of the companies that helped define NFSv4 and is the first PC NFS vendor to provide support for NFSv4 in our NFS Maestro™ product family. NFSv4 integrates file locking, strong security, operation coalescing, and delegation capabilities to enhance client performance on high-latency networks like the Internet. Remote file access across networks has never been faster!

Optimized Performance to Improve Productivity

Users can now tune the NFS Maestro Gateway to its optimal performance by using a new utility called NFS Maestro Tuner.™ NFS Maestro Tuner is a versatile, comprehensive and accurate tuner that measures the throughput of a NFS connection and provides the optimal performance settings. Each NFS connection, like any network connection, has different characteristics that are dependant on the host hardware and software as well as the connection path to the host. NFS Maestro Gateway allows users to customize and tune each NFS connection so they can get the most out of NFS Maestro Gateway as well as the specific network environment!

Enhanced Security

NFS Maestro Gateway employs RPCSEC_GSS (RFC2203), which allows RPC protocols to access Generic Security Services Application Programming Interface (GSS-API) to ensure data integrity and privacy. Various security mechanisms can be used to ensure messages and data exchanges between machines are conducted in a highly secure manner. One such security mechanism is Kerberos V5. NFS Maestro Gateway also supports other security measures such as Sun® Solaris® Access Control List (ACL), SASL authentication protocol for accessing Microsoft Active Directory® domain and per share definition of default security modes.

Key Features

NFS Support

- > Supports NFS version 2, 3 and 4 (RFC 1094, RFC1813, RFC3530)
- > Kernel Mode implementation
- > Native 32-bit implementation
- > Supports WebNFS (RFC2054)
- > Supports NFS over TCP
- > Supports 32-bit File locking
- > Hard and Soft Mount
- > Supports Microsoft UNC
- > Unlimited remote drives
- > Unlimited remote printers
- > Cache Manager
- > Microsoft Cluster Aware
- > Device-less connection Support
- > Supports Operation in IPv6 networks
- > Supports Unicode Windows Networking API
- > Supports Symbolic Links

Directory Services Support

- > Supports NIS, NIS+ and LDAP
- > Support schema definitions including: RFC2307, RFC2307AIX, AD4UNIX, and VAS
- > Supports Microsoft Active Directory
- > NFS server browsing
- > Auto-discovery of server configuration through DHCP
- > Auto-mount capability
- > Password synchronization
- > User Profile Roaming

Security

- > Supports RPCSEC-GSS (RFC 2203)
- > Supports GSS-API (RFC 2078)
- > MIT Kerberos and Hummingbird Kerberos™ 2006
- > Kerberos v4 and v5 authentication
- > Supports Solaris ACL
- > Supports SASL protocol for authenticating with Microsoft Active Directory domain. (RFC 2222)

Name Mapping Server

- > New stand-alone server to map Windows user and group to UNIX UID and GID
- > Supports Import/Export of mappings
- > Integrate with Directory Services
- > Supports Auto mapping
- > Advanced mechanism to handle unmapped names

System Requirements and Operating Systems

Operating System

- > Windows 2000 Server, Windows 2000 Advanced Server, Windows Server™ 2003 and Windows Server 2003 x64 Edition

System Requirement

- > Minimum memory as prescribed by Operating System
- > Hard Drive space for typical installation: 23MB



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