



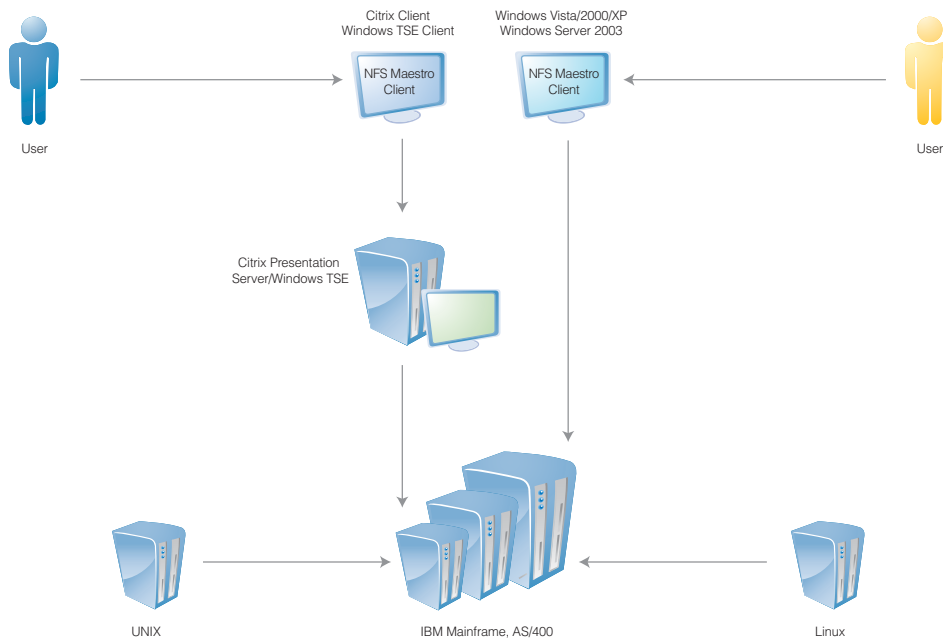
## Hummingbird Connectivity NFS Maestro Client 2008

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## NFS Maestro Client™ 2008

NFS Maestro Client™ allows users from all types of Windows® operating systems to transparently, securely and efficiently access file and printer resources residing on UNIX®, Linux®, VMS, Macintosh and many NFS-enabled hosts.



NFS Maestro Client™ supports all of the latest developments in the industry-standard NFS protocol, which includes NFS v2, v3 and v4, WebNFS, GSSAPI-Kerberos implementation. To increase the value to our users, NFS Maestro Client comes bundled with the terminal emulation suite – HostExplorer.®

### System Requirements

- **Operating Systems:** Certified for Windows Vista, Windows XP SP2, Windows XP x64 Edition, Windows 2000 SP4, Windows Server 2003, Windows Server 2003 x64 Edition, Windows Terminal Server Edition, Citrix® Presentation Server™ for Windows platforms and Windows XP Tablet PC Edition
- **System Requirements:** Hard Drive space for typical installation: 65 MB

### Certification

- Certified for Microsoft Windows Vista

### NFS Support

- Supports NFS version 2, 3 and 4 (RFC1094, RFC1813, RFC3530)
- Both client and server implementations
- Kernel Mode implementation
- Native 64-bit support for Microsoft Windows x64 family and Windows Vista
- Supports Operation in IPv6 networks
- Supports Setuid and Setgid
- Supports 32-bit File locking
- Hard and Soft Mount
- Supports Microsoft UNC and Device-less connections

### Terminal Emulation

- 3270, 5250 and VT Printing and File Transfer support
- Support for multiple code pages (Euro ready)
- Macro engine – recording, editing and playback
- Support for HLLAPI, EHLLAPI, WINHLLAPI, OHIO, OLE, COM APIs
- Integrated Hummingbird FTP™

### Directory Services Support

- Supports multiple directory service profiles for each directory service type
- Supports per-connection selection of directory service profile
- Supports NIS, NIS+, LDAP and Microsoft Active Directory®
- Supports schema definitions including: RFC2307, RFC2307AIX, AD4UNIX and Vintela VAS
- Auto-mount capability & Password synchronization

### Security

- Supports RPCSEC-GSS (RFC2203) and GSS-API (RFC2078)
- Supports Kerberos and LIPKEY as GSS providers
- Supports Solaris® ACL and SASL protocol for authenticating with Microsoft Active Directory domain (RFC2222)

### Name Mapping Server

- A stand-alone server to map Windows user and group to UNIX UID and GID
- Intelligent Name Mapping Cache for improved productivity
- Supports Auto Mapping and Import/Export of mappings

2008

- **Certified for Windows Vista:** NFS Maestro Client is independently and rigorously tested for compatibility, functionality and reliability on Windows Vista-based PC's. It takes advantage of features in Windows Vista to deliver excellent performance, ease of use, and the best experience possible. This logo also ensures NFS Maestro Client is compatible with 32-bit and 64-bit editions of Windows Vista.

- **Integrated Security:** The support for SSL, LIPKEY and Kerberos security mechanism now comes standard with NFS Maestro Client without requiring installation of additional packages. It simplifies the deployment of the software, and ultimately allows them to adhere to the corporate security standards without the extra administrative overhead.

2007

- **Support for Connectivity SSL-LIPKEY™:** as an alternative GSS provider for RPCSEC\_GSS authentication. The support for LIPKEY requires the installation of Connectivity SSL-LIPKEY 2007.
- **Multiple Directory Services Profiles:** Supports up to 10 directory services profiles for each directory service type. The huge selection of directory services ensures that each NFS connection can be individually and independently authenticated by the most appropriate directory service.
- **Symbolic Link Creation over NFSv4 Connections:** The functionalities of the Create Symbolic Link Wizard and its command-line equivalent tool have been extended to allow users to create and delete symbolic links over NFSv4 connections.

- **Intelligent Name Mapping Cache:** In any large enterprise, name mapping data stored in the Name Mapping Server can be so huge that rebuilding it may take hours, renders the server inoperable. In version 2007, name mapping tables are cached on the disk once they are successfully created. Upon Name Mapping service restart, the Name Mapping Server will load the cached data while rebuilding new ones in the background.
- **Screen History:** is a HostExplorer® feature that allows users to view and capture screen information while navigating.

2006

- **Support Operations in IPv6 Networking:** allows NFS Maestro Client™ to operate in an IPv6 local area network.
- **Support for Setuid and Setgid:** allows raising and lowering users' access privileges, giving users different privileges to execute commands.
- **New Unicode Support:** giving NFS Maestro Client the capability to process paths up to 32K characters in length.

- **Symbolic Links Creation:** a new command-line utility and shell extension that allow users to create and delete symbolic links on NFS resources.
- **Multiple Profile Space:** allows organizations to manage multiple locations to store profiles and connection settings. Storage locations include local drives, remote file systems or LDAP directories. User access rights are enforced through a seamless integration with Microsoft Windows ACLs or LDAP ACLs.

10.x

- **LDAP Support for Additional Servers:** Directory Services Explorer supports four of the most popular LDAP schemata, with an option to allow users to create a new schema.
- **Enhanced Kerberos Support:** fully integrated with Connectivity Kerberos™. It also supports the MIT-Kerberos distribution.
- **Support for Hard Mount:** ensures all NFS transactions across the connection proceed to completion.

- **Setting Migration Wizard:** users can quickly export/import the user files directory for backup or hardware migration purposes.
- **UI Themes:** offer the most complete and convenient way to customize every aspect of the HostExplorer including menus, toolbars, settings, keyboards.

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- **Extensive Windows Shell Integration:** brings convenience and transparency to the NFS Maestro™ users, boosting productivity and better usability.
- **Solaris ACL Support:** provides a finer level of control of file access permissions.
- **License Management:** the Hummingbird Metering server allows administrators to obtain accurate reporting on their installed Hummingbird Connectivity™ licenses.

- **New Name Mapping Server:** acts as a central UNIX-to-Windows name mapping data repository, allowing other NFS Maestro products to retrieve the mapping information.
- **Windows Explorer Terminal:** offers users a fully integrated Windows experience to help them achieve higher productivity levels with using HostExplorer.

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