

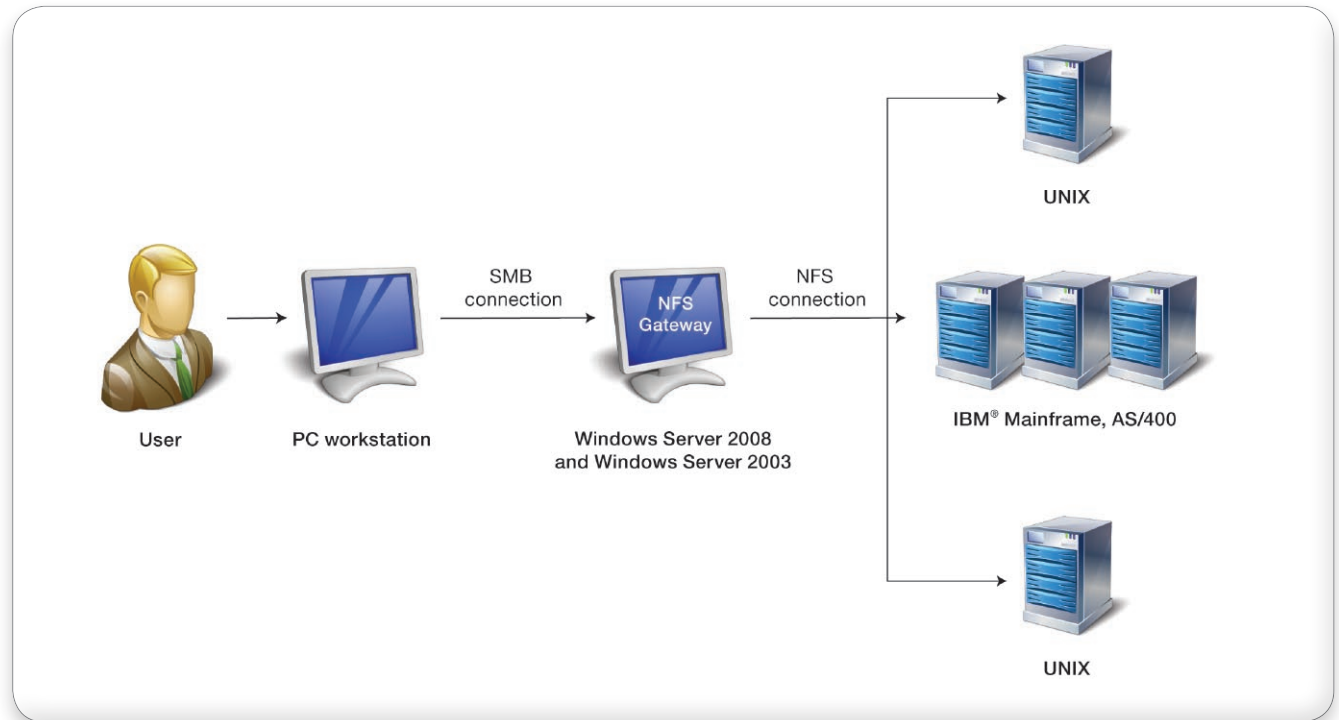
Open Text NFS Gateway™ 14

A true zero client-, zero deployment-, and zero administration-NFS solution that benefits organizations by lowering costs and increasing ROI

Open Text NFS Gateway™ is able to give Microsoft® Windows® Network users access to UNIX® machines from a familiar graphical Windows environment without having to understand UNIX, Network File System (NFS) commands or underlying network complexities.

Zero installation equals zero overhead

It is every PC administrators' dream to deploy software without having to install them individually on end-users' desktops. A Zero-client solution that is totally seamless and absolutely transparent is no longer a fairy tale. Open Text NFS 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. Open Text NFS Gateway is a dream come true.



File access made 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 really only care about accessing them! Transparent and seamless access is the key to success in a heterogeneous network system environment. Open Text NFS 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 widely adapted, resource sharing protocol. Open Text is one of the companies that helped define NFSv4 and is the first PC NFS vendor to provide support for NFSv4 in our NFS 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 improves productivity

Users can now tune the Open Text NFS Gateway to its optimal performance by using a utility called Open Text NFS Client Tuner. NFS Client 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. Open Text NFS Gateway allows users to customize and tune each NFS connection so they can get the most out of Open Text NFS Gateway as well as the specific network environment.

Enhanced security

Open Text NFS 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, and Open Text NFS Gateway supports both Kerberos V5 and LIPKEY. Open Text NFS 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

- The most complete support for all NFS protocols, including NFSv4
- Supports Microsoft cluster services and gives Open Text NFS 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 RFC2307, RFC2307AIX UNIX, and Vintela VAS
- Stores name mapping data on any Windows machine running Active Directory Application Mode (ADAM)
- Intelligent Name Mapping Cache
- Other directory services support, including NIS and NIS+
- Multiple directory services profiles
- Supports for multiple instances of Open Text NFS Gateway shares
- Supports LIPKEY as an alternative GSS provider for RPCSEC_GSS authentication.
- Unicode Windows Networking API is supported
- Supports hard and soft mount



Feature summary

NFS support	<ul style="list-style-type: none"> • Supports NFS version 2, 3, and 4 (RFC1094, RFC1813, RFC3530) • Kernel mode implementation • Native 32-bit and x64 implementation • Supports operations in IPv6 networks • Supports WebNFS (RFC2054) and NFS over TCP • Supports 32-bit file locking • Hard and soft mount • Supports Microsoft UNC 	<ul style="list-style-type: none"> • Unlimited remote drives and printers • Microsoft Cluster aware • Deviceless connection support • Support for multiple instances of NFS Gateway shares • Wizard-based and command-line applications for creating symbolic links over NFSv4 connections • NFSv4 compatible command line applications
Directory services support	<ul style="list-style-type: none"> • Support multiple directory service profiles for each directory service type • Support per-connection selection of directory service profile • Supports NIS, NIS+, LDAP, and Microsoft Active Directory® • Support schema definitions including RFC2307, RFC2307AIX, AD4UNIX, and Vintela VAS 	<ul style="list-style-type: none"> • NFS server browsing • Auto-discovery of server configuration through DHCP • Auto-mount capability • Password synchronization • User profile roaming
Security	<ul style="list-style-type: none"> • Supports RPCSEC-GSS (RFC 2203) and GSS-API (RFC 2078) 	<ul style="list-style-type: none"> • Supports Solaris® ACL and SASL protocol for authenticating with Microsoft Active Directory domain (RFC 2222)
Name mapping server	<ul style="list-style-type: none"> • A stand-alone server to map Windows user and group to UNIX UID and GID • Name mapping data can be stored on any Windows machine running Active Directory Application Mode (ADAM) • Intelligent name mapping cache for improved productivity 	<ul style="list-style-type: none"> • Supports auto mapping and import/export of mappings • Integrates with directory services • Advanced mechanism to handle unmapped names

System requirements

- **Hard drive space for typical installation:** 17MB
- **Minimum CPU requirements:** Pentium 4
- **Operating systems:** Windows Server 2008 and Windows Server 2003

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