

# Open Text NFS Server™ 14

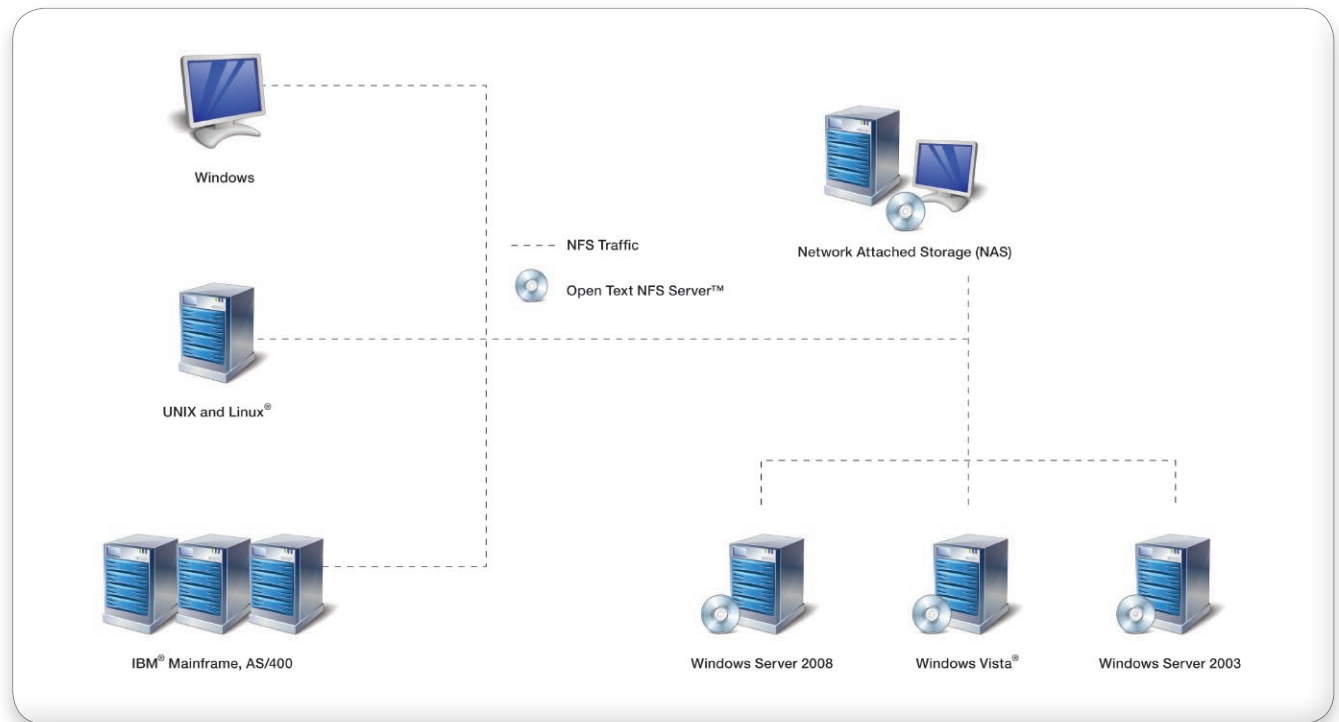
The NFS solution for mission-critical enterprise storage

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, Open Text NFS Server™ is the most advanced PC Network File System (NFS) server available in the market.

## 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 universes 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.

Functioning as the main communication hub, Open Text NFS Server is a low cost component that holds the life-line of the enterprise storage solution. Open Text NFS Server 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. Open Text NFS Server offers the highest functional value at only a fraction of your overall storage solution budget.

### Open Text is the NSF expert

The foundation of Open Text NFS Server 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. Open Text NFS Server was always on top of the trends and it was always optimized for the latest Windows Server operating system. This provides the most reliable performance, and this commitment made Open Text NFS Server one of the most recognizable and trusted brands in the NFS market.

Open Text has been actively involved in the evolution and development of 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 bringing Windows and UNIX user communities together using the NFS protocol, Open Text has delivered the most powerful NFS server in the market: Open Text NFS Server. It is a member of the Connectivity Solutions Group NFS product line-up, which includes Open Text NFS Solo™ and the award-winning Open Text NFS Client™.

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

### Windows 7 ready!

Being compatible with Windows 7 states that Open Text NFS Server has been rigorously tested by an independent third-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 Open Text NFS Server is suitable for use in the businesscritical environment.

### Key features

#### Certification

- Compatible with Windows 7

#### 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



## New features

Certification	<ul style="list-style-type: none"> <li>Compatible with Windows 7</li> </ul>	
NFS support	<ul style="list-style-type: none"> <li>Supports NFS version 2, 3, and 4 (RFC1094, RFC1813, and RFC3530)</li> <li>Kernel mode implementation</li> <li>Microsoft cluster aware</li> <li>Unlimited connections and exported file systems</li> <li>Supports Microsoft Volume Shadow Copy Service (VSS)</li> <li>Supports operation in IPv6 networks</li> </ul>	<ul style="list-style-type: none"> <li>Native 64-bit support for Microsoft Windows x64 family and Windows Vista</li> <li>Supports DELEGATION for enhanced performance</li> <li>Supports HPFS, NTFS, and FAT32 file system</li> <li>Supports SETGID option</li> <li>Customizable mount paths</li> <li>Displays server statistics (read/write and mount/lock/PCNFSD requests)</li> </ul>
Directory service support	<ul style="list-style-type: none"> <li>Supports NIS, NIS+, LDAP, and Microsoft Active Directory®</li> <li>Supports schema definitions including: RFC2307, RFC2307AIX, AD4UNIX, and Vintela VAS</li> </ul>	<ul style="list-style-type: none"> <li>Supports multiple directory service profiles for each directory service type</li> <li>Auto-mount capability</li> <li>Supports NETGROUP</li> </ul>
Name mapping server	<ul style="list-style-type: none"> <li>New stand-alone server to map Windows user and group to UNIX UID and GID</li> <li>Stores name mapping data on any Windows machine running Active Directory Application Mode (ADAM)</li> </ul>	<ul style="list-style-type: none"> <li>Integrates with directory services</li> <li>Supports auto mapping</li> </ul>
Security	<ul style="list-style-type: none"> <li>Supports RPCSEC-GSS (RFC2203) and GSS-API (RFC2078)</li> <li>Supports Kerberos and LIPKEY as GSS providers</li> </ul>	<ul style="list-style-type: none"> <li>Allows clients to discover the authentication type required through SECINFO</li> <li>Supports Solaris® ACL and SASL protocol for authenticating with Microsoft Active Directory domain (RFC2222)</li> </ul>

## System requirements

- Hard drive space for typical installation:** 16 MB
- Minimum CPU required:** Pentium 4
- Operating systems:** Windows 7, Windows Vista, Windows Server 2008 and Windows Server 2003

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