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Product overview

OpenText NFS Solo

The de facto standard for Network File System protocol access from Microsoft Windows PCs





Offers NFS protocol support



Includes strong security and authentication



× ↑ **Provides** name \checkmark napping between Microsoft® Windows and UNIX® users and groups

Organizations looking for a Microsoft® Windows® solution that provides file and printer access to NFS-enabled hosts, such as UNIX°, Linux°, VMS and Mac OS°, require comprehensive integration of the NFS file system for Windows and UNIX users and groups for easy administration and strong security.

OpenText™ NFS Solo enables Windows PCs to access and host Network File System (NFS) resources on local or remote networks. A key feature of NFS Solo is the ability to map Microsoft Windows users and groups to UNIX GIDs and UIDs to ensure proper identity management and strong security. NFS Solo also includes an NFS client, as well as a lightweight NFS server. The solution is fine-tuned for modern network infrastructures, including 10GbE networks to deliver lightning-fast transfer rates of up to 560MB per second. NFS Solo is designed to meet many storage and workflow requirements, including high definition data streaming.

Offers NFS protocol support

Supports NFS versions 2, 3 and 4 (RFC1094, RFC1813 and RFC3530).

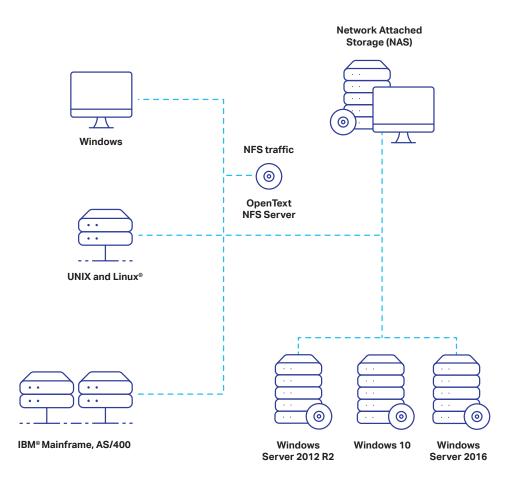
Includes strong security and authentication

NFS Solo supports the Kerberos GSS provider and other protocols that integrate with Windows® Active Directory®.

Provides name napping between Windows and UNIX users and groups

Includes an intelligent name mapping cache for improved productivity.

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Feature	Description
Operating systems	 Microsoft* Windows* 7, 8.1, 10 and Microsoft* Windows Server* 2008 R2, 2012 R2, 2016 and 2019 Citrix* XenApp 7 for Windows platforms
NFS support	 NFS version 2, 3 and 4 (RFC1094, RFC1813 and RFC3530) Both client and server implementations Kernel mode implementation Operation in IPv6 networks Setuid and setgid (server only) WebNFS (RFC2054) and NFS over TCP 32-bit file locking Hard and soft mount Microsoft UNC Deviceless connection Wizard-based and command line applications for creating symbolic links NFS v4 compatible command-line applications

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Directory service support	Multiple directory service profiles for each directory service type
	Per-connection selection of directory service profile
	 NIS, NIS+, LDAP and Microsoft* Active Directory*
	Schema definitions, including: RFC2307, RFC2307AIX, AD4UNIX and Vintela VAS
	NFS server browsing
	Auto-discovery of server configuration through DHCP
	Auto-mount capability (client only)
	Password synchronization
Security	RPCSEC_GSS (RFC2203) and GSS-API (RFC2078)
	Kerberos GSS provider
	Solaris® ACL and SASL protocol for authenticating with Microsoft Active Directory domain (RFC2222)
Name mapping server	A standalone server to map Windows users and groups to UNIX UID and GID
	Intelligent name mapping cache for improved productivity
	Auto mapping and import/export of mappings
	Integrates with Directory Services

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