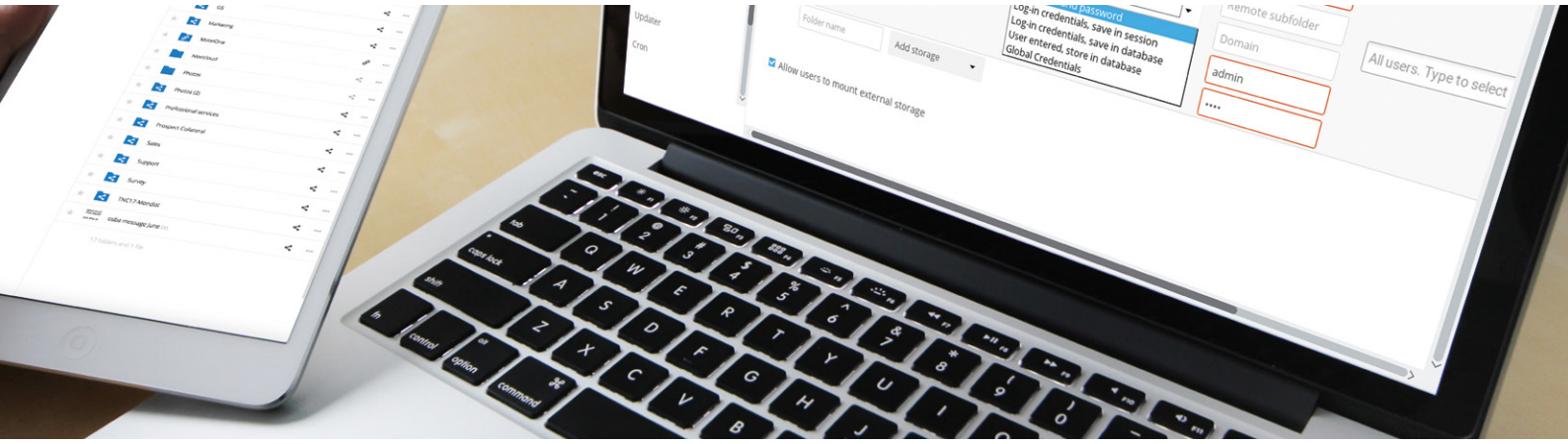
Windows Network Drive External Storage

Benefits of leveraging existing storage with Nextcloud



Secure access to enterprise data anywhere

Windows Network Drive shares are a common and convenient way to share files within your network. Files stay on-premise and under control of IT policy. However, accessing files from a remote location is difficult if not impossible without using the company's VPN, limiting external sharing and collaboration opportunities. This drives many employees to public, consumer-level cloud solutions like Dropbox or Google Drive to share documents with colleagues or customers. This "shadow IT" is not in line with the organization's requirements for control, documentation and security, creating a massive security risk. IT loses track of sensitive business data and has no visibility over data flows and processing.

Nextcloud offers a solution which enables employees to work effectively together with customers, partners and clients across the borders of the organization. Our Windows Network Drive External Storage integration enables businesses to keep files on the existing Windows network drive while allowing IT to control and direct the flow of information according to policy, legal and business requirements.

Benefits

- Access to Windows Network Drive from any device, anywhere, including mobile devices
- Enable sharing and collaboration outside of corporate network
- Files stay on-premise and respect security and content policies
- IT is in control and can monitor file access and shares

Technical specifications

Requires Nextcloud 10 or newer running on a Linux Server. Supports Network drives running on Windows Server 2008, 2012, Windows 7, 8 or 10, as well as Linux-based Samba. Works with SMB versions 4.0 or later.

Thanks to Nextcloud, IT and employees benefit from:

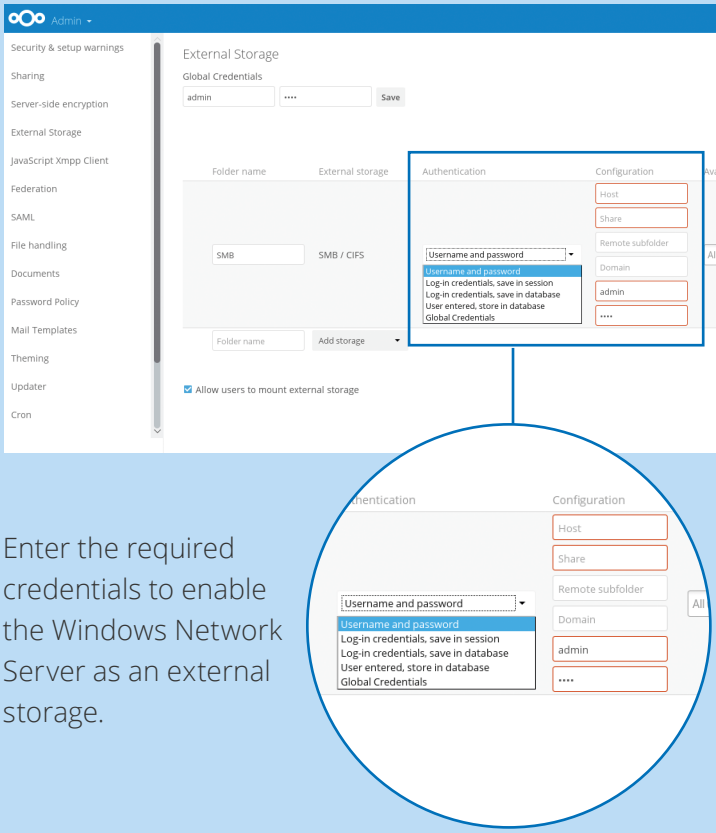
- Easy and quick configuration and integration with the Nextcloud Windows Network Drive app, taking just a few minutes
- Secure access from any device
- Synchronization across networks and devices
- Real-time editing with Collabora Online
- Expiry date for external and internal shares
- Smart file management: tags, comments, track changes
- Users can optionally connect their own Windows Network Drives
- Fine-grained access control and easy monitoring via the administrator interface.
- Real time, secure audio/video communication via WebRTC
- Authentication through LDAP / Active Directory, Kerberos and Shibboleth / SAML 2.0 and more
- Consistent file management. Permissions from Windows Network Drive are enforced in Nextcloud
- Nextcloud can sync modifications by listening to the Windows Network Drive, lowering server load

How does it work?

Administrators can configure the integration from the Nextcloud Administrator Interface. They enter the required credentials to enable the Windows Network Server as an external storage.

All the Nextcloud capabilities are now fully available for data residing on the Windows Network Server: sharing, real time collaboration, communication features.

At the same time, employees can continue to access data on the Windows Network Server directly, preserving existing workflows.



Enter the required credentials to enable the Windows Network Server as an external storage.

Nextcloud

Capabilities

- Access to Windows Network Drive can be assigned to users or groups, read-only or read-write
- Can be configured to use global credentials, User Directory credentials or ask for credentials on first usage
- Nextcloud reads and respect file access permissions from Windows Network Drive
- Optionally allow users to add their own Windows Network Drive
- Versioning and sharing are handled by Nextcloud
- File Access Control, Audit log, Retention, comments, tags, real time document editing and other Nextcloud capabilities fully available
- data always remains on Windows Network Drive
- Server Side Encryption can be used to encrypt data on Windows Network Drives that are untrusted. WND server would at no point gain access to the encryption keys.

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