About FileCloud Server for Administrators

FileCloud Server is a scalable, self-hosted, Enterprise File Sharing, Sync and Endpoint Backup solution.

The FileCloud Server solution is a cloud-agnostic enterprises file services platform. You can self-host it on your on-premises servers, private data centers or you can host it on public cloud IaaS providers like AWS, Azure or Google Cloud.

A self-hosted solution such as FileCloud Server offers the same features and benefits of public cloud SaaS services like Box and Dropbox, but doesn't have many of the drawbacks of public cloud SaaS services which includes:

- Issues related to control over critical enterprise and customer data
- Concerns about security and privacy of data
- Issues connected to regulatory compliance for many industries
- Issues related to data residency, sovereignty and ownership of critical data
- lack of customization: organization branding and custom TOS

FileCloud Server allows you to run your own private cloud storage and sync solution for your employees, customers and clients allowing complete control of your organizational data. FileCloud Server also allows you to expose your existing organizational folder and file shares (Windows NTFS File Shares, CIFS, NFS, etc.) outside using a web portal and mobile apps without using VPN.

The Underlying Architecture

FileCloud software is typically installed on a server (Linux or Windows). There is an admin portal to configure and manage the system.
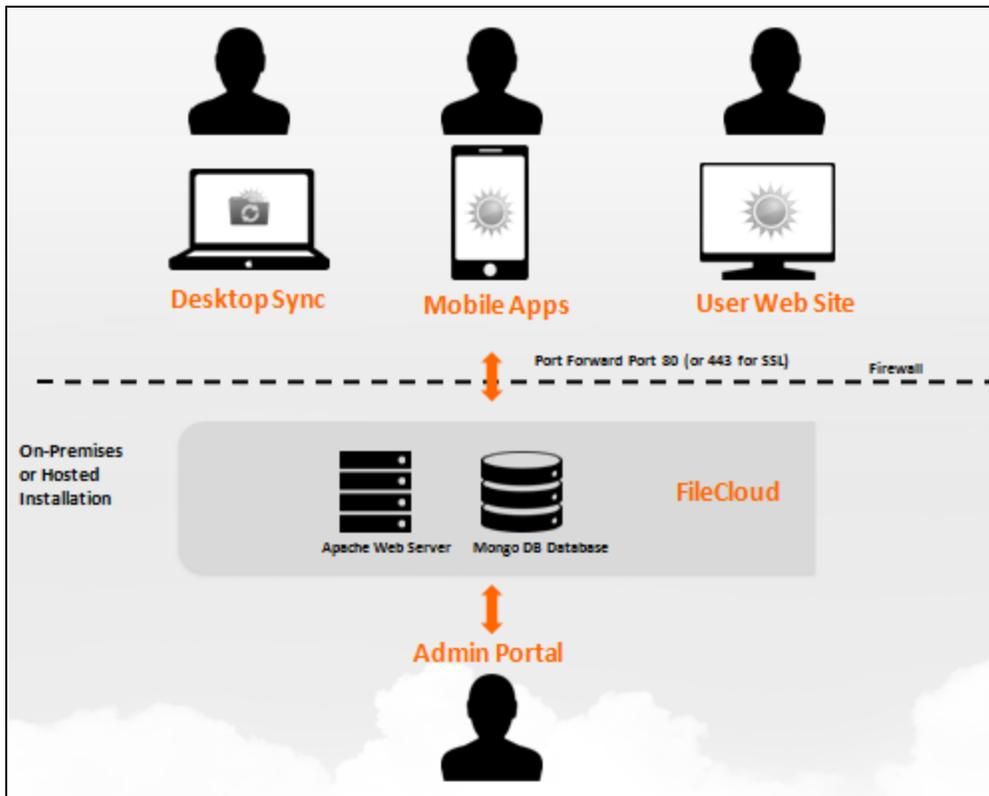
Once configured, users can access the FileCloud installation using:

- Web browsers
- Mobile apps
- Desktop sync clients to keep their desktop folders in sync

See a quick video on the FileCloud Architecture basics.

FileCloud Storage

FileCloud can manage and make available two types of storage:

Managed Storage (My Files):

Managed File (My Files) Storage is the fully managed storage that is maintained by FileCloud. Users get storage quotas and can access, share, sync all files in the managed storage. This is available in the "My Files" section.

Network Shares:

Admins can optionally make available existing organizational folder shares available via FileCloud. Such shares can be access via web browser or mobile apps for instant remote access where ever you are. This is available in the "Network Shares" section.
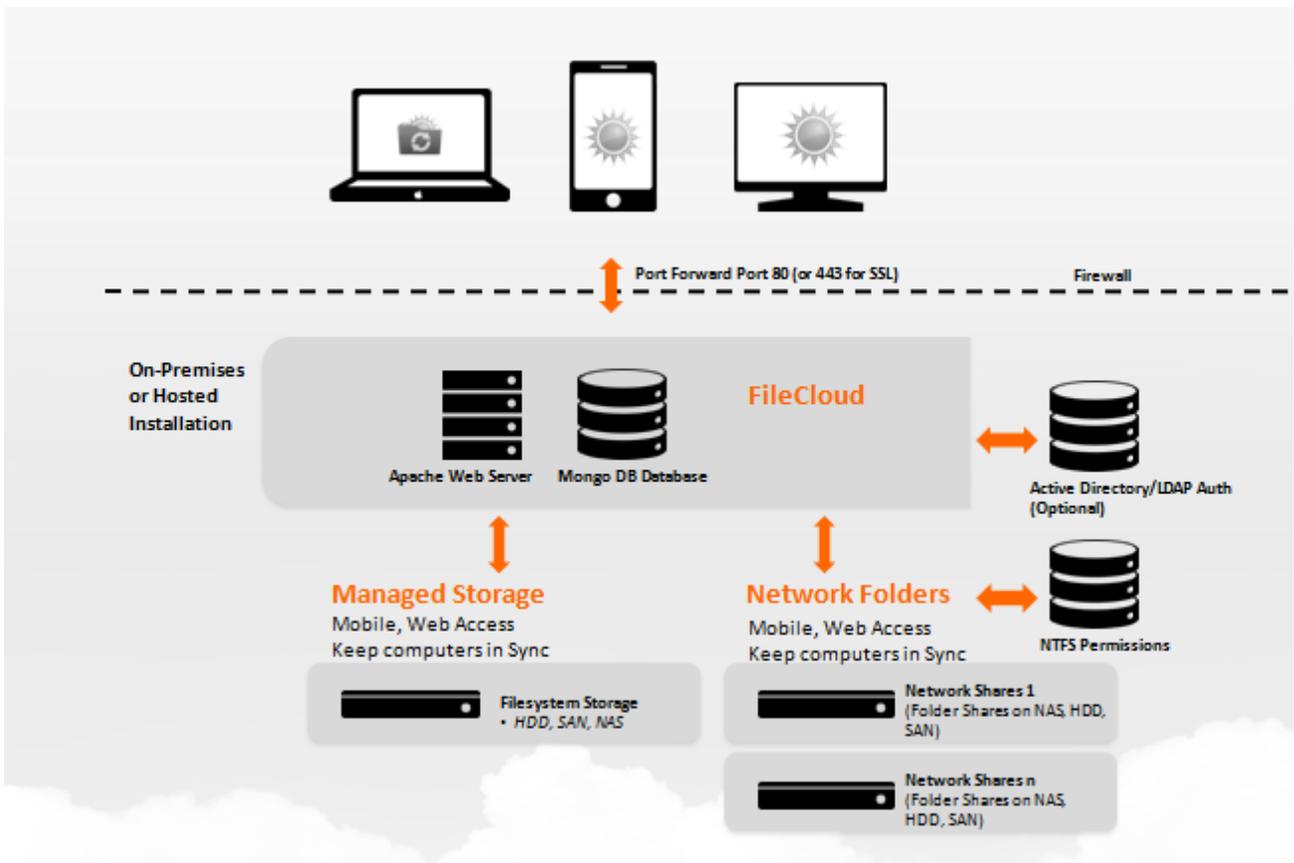
See a quick video on the differences between Managed Storage and Network Shares.

Feature	Managed Storage	Network Shares
Connection	HDD, NAS Drive, CIFS, NFS Network Shares, Amazon S3, Azure Blob Storage	CIFS, NFS Network Shares, Amazon S3, Azure Blob Storage
Sync	Yes (Realtime)	Scheduled sync 30 mins, 60 mins etc. Real time available for folders with limited number of files (100K)
FileCloud Drive	Yes	Yes
WebDAV Access	Yes	Yes
Offline Access	Yes via Sync App	Yes via Sync App's Offline Access

Read NTFS Permissions	NA	Yes
Previous Versions Support	Yes	Yes
Recycle Bin Support	Yes	Yes
Text Search	Yes	Yes, when indexing is enabled
Metadata	Yes (starting with 18.1)	Yes
Governance - Retention	Yes	No
Governance - Classification	Yes	No
ServerSync	Yes (starting with 17.3)	No
ServerLink Support	Yes	No
Path Limits	No Limits	Subject to 256 max path limits when network shares are in Windows

Large Deployments

For small deployments, you can use FileCloud with Local Storage configuration.
For larger deployments, you would want to use redundant object storage systems like open stack or Amazon S3.
We also recommend using a HA configuration with a database cluster when running a system with many users.
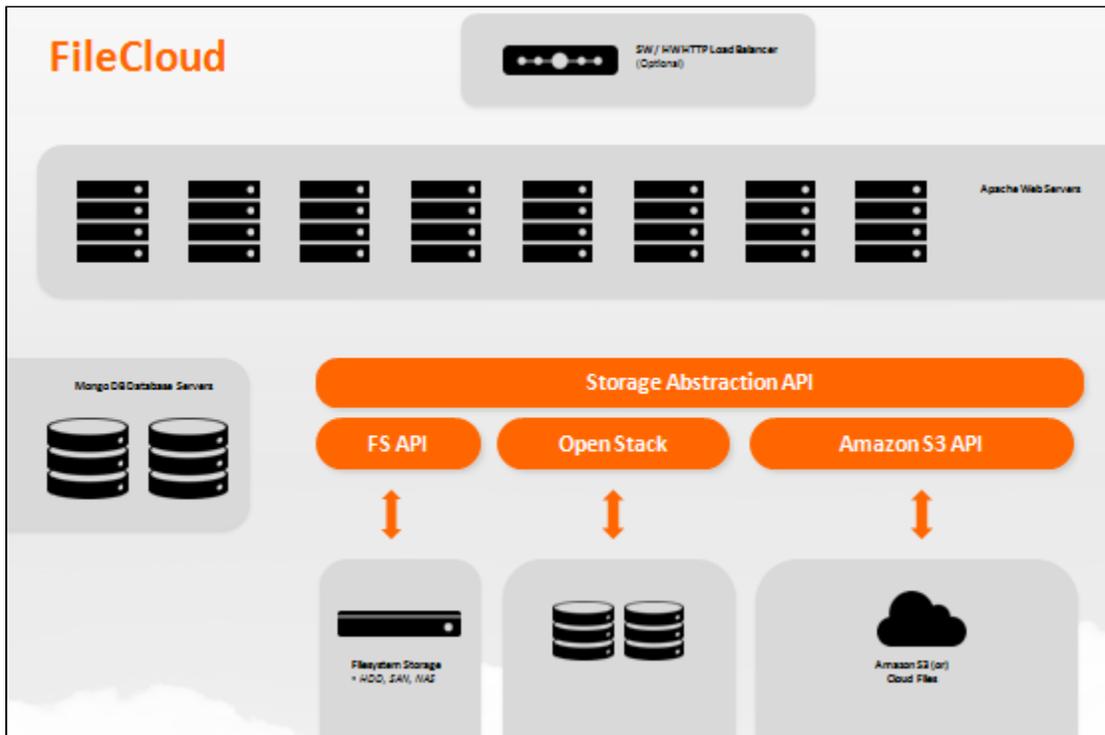
Additional Resources

FileCloud Tour

Blog