How Nextcloud stacks up

Why is Nextcloud the most popular self-hosted EFSS and Content Collaboration Platform?

What makes Nextcloud the best choice

Best security

Nextcloud is developed in a security-focused process as attested by a range of external experts and security pen-tests.

Industry-leading features include machine-learning based login protection, 2-factor authentication measures, brute force protection and unique capabilities like Video Verification, end-to-end and server-side encryption.

We put our money where our mouth is: our USD 10.000 security bug bounty program brings top security expertise in, keeping your data safe.

Largest ecosystem

As the most deployed self-hosted file sync and content collaboration platform, Nextcloud offers the widest range of add-on capabilities and integrations in the industry. Over 200 'apps' offer powerful security capabilities, team productivity features and infrastructure integrations.

Workflow capabilities, several online office solutions and a tool employing advanced entropy analysis to recover files from a ransomware attack, built by security researchers from a German university, are just some of the applications found in our app store.

Easiest to use

Powerful capabilities often result in compolicated user interfaces, lowering productivity and hindering quick adoption in organizations. Without limiting their abilities, Nextcloud does not overwhelm users with unnessecary clutter. Our customers remark time and again how few support tickets it creates for their IT teams.

Accessibility features like keyboard and screenreader navigation, WCAG 2.1 compliant contrast and a dyslexia-friendly font are available only in the leading on-premises content collaboration platform!

Compare products

See how Nextcloud compares to these popular closed-source services,
and switch to a more open and transparent solution to protect your data!

Click on or hover items to learn

more.

You can pick a few items and filter

the list to only show those.

Reset   Filter

	Nextcloud	Google Drive	Office 365 (Detailed comparison)	ownCloud	box	CITRIX	Dropbox
License	Open Source	Proprietary	Proprietary	Proprietary	Proprietary	Proprietary	Proprietary
Unlimited storage	✔	✔	✔	✔	Varies per plan	✖	Varies per plan
Large file support	✔	✔	10GB	✔	5GB	10GB	20GB
Self hosted/on premises	✔	✖	✖	✔	✖	✔	✖
Clients							
Mobile Clients	🍎🤖🪟	🍎🤖	🍎🤖	🍎🤖	🍎🤖	🍎🤖	🍎🤖
Auto upload images/video	✔	✔	✔	✔	$	$	$
Desktop clients	🍎🪟🐧	🪟	🪟	🍎🪟🐧	🪟	🪟	🪟

LAN Synchronization	✗	✗	✗	✗	✗	✗	✔
Extensible with apps	✔	✗	✔	✔	✔	✗	✔
Outlook integration	✔	✔	✔	$	$	✔	✔

Server features

Full text search	✔	$	✔	✔	$	✔	$
File Versioning	✔	limited	limited	✔	limited	✔	limited
File Metadata	✔	✔	✔	✔	$	✔	$
View PDF, images, video	✔	✔	✔	✔	✔	✔	✔
Integrated Audio/Video/Text chat	✔/✔/✔	✔/✔/✔	✔/✔/✔	✗/✗/✗	✗/✗/✗	✔/✔/✔	✔/✔/✔
Supported Groupware (Calendar/Contacts/Mail/Kanban)	✔/✔/✔/✔	✔/✔/✔/✔	✔/✔	✗/✗/✗/✗	🕐	✔/✔/✔/✗	✔/✔/G
Mobile calendar/contact integration	✔/✔	✔	✔	🟡/✔	✗	✗	✗
Online Office in web / mobile	✔/✔	✔/✔	✔/✔	✔/✗	✔/✔	✔/✔	✔/✔
File Drop (customer file upload)	✔	✔	✗	✔	✗	✔	✔
Block downloads	✔	✔	✔	✗	✔	✔	✔
Video Verification	✔	✗	✗	✗	✗	✗	✗
Inter-server sharing	✔	✗	✗	✔	✗	✗	✗

Accessibility

Keyboard/screen reader support	✔	✔	✔	✗	✔	✔	✔
WCAG 2.1 support	AA/AAA	✔	✔	✗	AA/AAA	✗	✔

Feature	Col1	Col2	Col3	Col4	Col5	Col6	Col7
Dyslexia-friendly font	✔	✔	✘	✘	✘	✘	✘

Admin features

Feature	Col1	Col2	Col3	Col4	Col5	Col6	Col7
Access control lists	✔	✔	✔	✘	✔	✔	✔
Content workflow automation	✔	🕐	✔	✔	✔	✔	✔
Automatic script execution	✔	✘	✔	✔	✘	✔	✘
Real time notifications	✔	✔	✔	✘	✔	✔	✔
Monitoring web/API interface	✔/✔	✔/✔	✔/✔	✘/✘	✔/✔	✔/✔	✔/✔
Data retention policy support	✔	limited	✔	✔	✔	✔	✘
Long term support (5-10 years)	✔	N.A.	N.A.	✘	N.A.	N.A.	N.A.
Branding	✔	very limited	✔	✔	✔	✘	very limited

Compliance features

Feature	Col1	Col2	Col3	Col4	Col5	Col6	Col7
Full audit trail	✔	limited	limited	✔	limited	✔	limited
Imprint and privacy links	✔	✔	✔	✔	✔	✔	✔
Built in data-request/account deletion	✔	✔	✔	✘	✔	✔	✔
Terms-of-service	✔	✔	✔	✘	✔	✔	✔

Security features

Feature	Col1	Col2	Col3	Col4	Col5	Col6	Col7
Server side encryption	✔	✔	✔	✔	✘	✔	✘
Client side encryption	✔	✘	✘	✘	✘	✘	✘
Video Verification	✔	✘	✘	✘	✘	✘	✘

Brute force hacking protection	✓	✓	✓	✓	✗	✓	✓
NIST compliant password policy	✓	✗	✓	✗	✓	✗	✗
Web UI secured with CSP 3.0	✓	✓	✗	✗	✗	✗	✗
With same-site cookie attribute	✓	✓	✓	✓	✗	✓	✓
File Access Control	✓	✗	✗	✓	✗	✗	✗
App access rights	✓	✓	✓	✗	✗	✗	✓

Authentication

enforcable 2-factor authentication	U2F/OTP/SMS Signal/Telegram notifications	U2F/OTP/SMS notifications	U2F/OTP/SMS notifications	✗	SMS	SMS	SMS/U2F/O
ML based suspicious login detection	✓	✓	✓	✗	✓	✗	✓
LDAP/AD	✓	✓	✓	✓	✓	✓	✓
Native SAML	✓	✓	✓	✗	✓	✓	✓
Auth via env variable	✓	✗	✗	✓	✗	✗	✗
Kerberos	✓	✗	✗	✓	✗	✓	✗

Storage

File storage (local/NFS)	✓	✗	✗	✓	✗	✓	✗
Object storage (S3/Swift)	✓	✗	✗	✓	✗	✓	✗
CIFS/Windows Shares	✓	✗	✓	✓	✗	✓	✗
Sharepoint	✓	✗	✓	✓	✗	$	✗
Extensible storage	✓	✗	✓	✓	✗	✓	✗

Based on public information to our best knowledge, gathered September 2 2018. We understand the world is constantly changing, if you see we missed a feature or made a mistake, let us know. You can use our contact form.

Note that end-to-end encryption in a browser is not the same as client-side encryption as it fails to protect adequately from the server (it does not offer 'zero-knowledge' protection). The security experts at the Brittish NCC Group have written on this subject, considering javascript encryption in the browser "harmful".

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