

Best Self Hosted Home Based Cloud Server

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In brief

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Right now, when Data Storage and its Security has become an integral part of our life, Cloud computing often comes into the picture. The concept of Cloud computing is more efficient and secure, thus rapidly increasing. Cloud Storage brings convenience, accessibility, and scalability. However, if security is your main priority, you can create your private cloud server at home and have full access to your files. Self Hosted Home Based Cloud Server allows users to store data on their private server or in the cloud, giving them complete control over their data and security. In addition, users can access the data remotely and have complete control over the files. These servers are ideal for users who want control over their data instead of saving it on a server hosted by a third party. Self-hosted servers provide complete privacy and control while providing round-the-clock access to data from anywhere in the world. Join us in this article as we explore the Best self-hosted home-based cloud servers for 2023. Continue reading till the end to get the most out of it.

1. Syncthing

Syncthing is a popular open-source cloud-based server. It offers a decentralized alternative and replaces the proprietary sync and cloud services. Syncthing is a trustworthy and secure way to store and share your data while owning complete control over your information. Syncthing stores data only in the user's computer; unlike other cloud-based services, no server is compromised. It uses TLS encryption and thus offers secrecy to protect all communication. Syncthing identifies every node by a strong cryptographic certificate. The only nodes the user explicitly allows can connect to the user's cluster.

2. ownCloud

Another self-hosted file sync and share server in our list is ownCloud. It allows users to access and share their data across multiple devices while keeping everything under their own control. OwnCloud is open-source software that enables you to build a private cloud file storage service. It was first developed in 2010. It offers attributes similar to those of other cloud storage platforms like Dropbox, Amazon Drive, Microsoft OneDrive, etc. This works well for users who want to self-host their own cloud storage. because it does not require technical expertise, it is effective for businesses and individuals who wish to introduce a cloud service for widespread use. Once you've configured your own cloud server, you can access your data locally or remotely from anywhere, anytime, using your local network or the Internet.

3. NextCloud

NextCloud is an open-source self-hosted cloud storage software. It offered users a set of features for file storing, sharing, collaboration, and encrypted communication and was forked from the ownCloud project in 2016. NextCloud cloud security software is a security-first solution that covers private and hybrid clouds and public cloud privacy concerns. It offers unique features, including a virtual data room, the biggest security in the business, self-hosting, and two-factor authentication. In addition, cloud-based NextCloud software offers password-protected file sharing and share solutions that are both simple and highly secure.

4. Redbooth

Redbooth is an enterprise-level file sync and share solution now merged with AeroFS. The software gives businesses an organized approach to managing projects, tasks, and team collaboration while maintaining control over their data. It is secure, easy to deploy, and user-friendly and thus is popular amongst IT administrators and employees. There are AeroFS mobile apps for Android and iOS platforms as well. These apps enable users to share any-sized files from anywhere on different devices. Besides that, it also removes the limits on email attachment sizes, thus avoiding any overloaded email servers and network links. Redbooth is an ideal solution for companies with more extensive databases.

5. Cozy Cloud Software

Another personal cloud storage on our list is Cozy Cloud Software. This storage tool enables a range of features that add ease and value to your life. Cozy Cloud Software has a more personal touch, unlike many others. It connects different service providers and pulls data to save it in the user's personal cloud. Cozy allows its users to connect all the customer accounts, gather, and automatically tidy up the bills. Cozy Cloud server offers support file storage and remote access and syncs via Cozy Drive software for Windows, macOS, and Linux. In addition, there's a Cozy app (Android and iOS) for mobile devices syncing with your PC; the Cozy app is available for Android and iOS. This Linux-based cloud storage software server also allows self-hosting. It encrypts connections using SSL/TLS and also offers end-to-end encryption. This versatile and extensible platform also allows sharing photos and contacts and enables users to share files using a public link and email address. Users can host Cozy on their physical or virtual server, thus enjoying better data storage and more protection.

6. Seafile

Seafile is a self-hosted open-source cloud storage solution. It allows users to place files on their own server while syncing and sharing them across multiple devices. Seafile offers high reliability and performance and therefore is a popular choice. Seafile has a standout feature, its client-side end-to-end encryption, that offers high security. It supports cross-platform file syncing, whether a Seafile Drive client, desktop sync clients, or Android and iOS mobile apps. While Seafile sync clients are available for iOS and Android, its server software is offered for Windows, Linux, and Raspberry Pi. The Seafile server also has a built-in preview, file versioning, and snapshot feature. This feature allows easy restoration of old versions and protects files against ransomware. Overall, it is an excellent solution for managing data.

7. Pydio

Pydio is another open-source cloud server file-sharing platform on our list. It offers cloud storage for both personal and office use. Pydio comes with features like file sharing and syncing and is also known for its ability to be used as a web-rich application. It also supports common formats like audio, video, PDF, and office documents. Pydio provides desktop sync clients with Linux, Windows, and Mac OS. It further allows users to modify files and synchronize as per their demand. Besides that, users can also synchronize specific folders or sub-folders with others. This enterprise-grade solution offers excellent security and control over data. Pydio instantly connects to existing employee directories and storage without requiring migration.

Wrapping Up

These were the top 7 Self-hosted home-based cloud servers. All of them are an excellent solution for users to have control over their data storage and management. With these various open-source options, users can easily set up a server to meet their needs. We hope the abovementioned options will help you make an informed decision while picking a self-hosted server for your use. Go through all the detailed information before picking one.