



SSO for On-Prem File Storage Access



While cloud-based storage is increasing in ease and popularity, on-premises or self-hosted file servers are still a critical component of many corporate environments. JumpCloud provides secure user access to data stored in NAS appliances and Samba file servers by leveraging the same credentials used for the employee's systems, applications, and network access.

Authenticate Users Securely

The SMB protocol wasn't built for the cloud era as it was designed for on-prem authentication. But JumpCloud modernizes and fortifies Samba file sharing authentication exchanges by leveraging our cloud-based LDAP services:

- Secure LDAPS (or LDAP:389 with StartTLS) needs to be active for LDAP authentication to Samba file servers to take place.
- Only specific LDAP binding users will have the capability to search the LDAP tree for users who will authenticate via SMB/CIFS to Samba file servers.
- JumpCloud admins will leverage Groups of Users to limit the access to Samba file servers users may access.

In addition to strong security, the user experience is seamless and familiar. When authenticating to their file server, users will use their same credentials which provide them access to their workstations, apps, and networks, empowering them with a single identity to access virtually all of their IT resources.

“With the amount of design work alone that our team handles on a daily basis, the on-prem storage that file servers offer is incredibly important simply to alleviate bandwidth.”

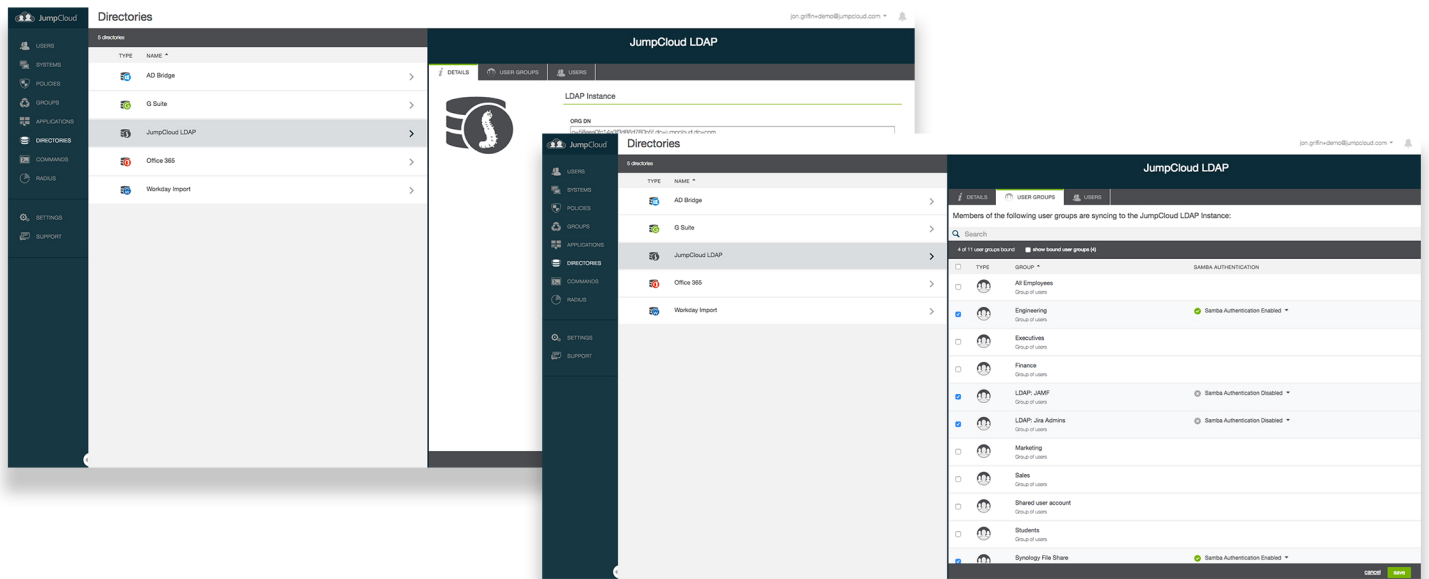
– Brandon Locke,
Technical Coordinator



Features

- Provide support for Linux Samba enabled file servers or commercial NAS appliances.
- Utilize TLS/SSL LDAP authentication security.
- Enable secure Samba Service LDAP binding accounts.
- Leverage domain and SID configuration support.
- Provision group-based authorization to Samba file servers.

Control Samba File Server Access



Maintain discrete control over Samba file server access with Samba-specific bind accounts.

Benefits

- Centralize your on-prem or virtualized file servers into your overall identity and access management strategy with JumpCloud.
- Enable and control user access to personal data and home directories on file shares from macOS, Windows, or Linux systems.
- Bind Samba enabled file server appliances such as Synology, QNAP, or any other stand-alone Linux Samba server with JumpCloud's LDAP authentication endpoint.
- Maintain a simple set up of group-based access controls to provide discrete file share access to specific groups of employees.
- Establish deep security to protect on-prem file servers during cloud-based LDAP authentication.

JumpCloud Samba File Server and NAS Authentication can provide IT admins and end users alike with a frictionless workflow. Contact a JumpCloud team member or take advantage of a free trial to learn more.



[Demo our Samba File Server Integration](#) or contact our team for more information.

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