



# Network File System Protection

Network file-system or file share backups can be configured for Network Addressable Storage (NAS), network files shares using CIFS/SMB, or Linux/UNIX data using SSHFS. During backup, the share is mounted to and backed up from the Barracuda Backup device. File share backups provide support for file permissions (ACLs). Unlike the Barracuda Backup Agent, file share backups are unable to back up open or locked files.

## **Important:**

Before backing up files via file share backup, verify the files and folders do not contain invalid characters including:

- / ? < > \ : \* | " +
- Special characters using the **Ctrl** key

For organizations using NFS (NAS or SAN), you can implement a Linux system that can run the Barracuda Backup Agent for Linux. With the NFS mounted on the Linux system, the Linux agent is able to protect open files and ACLs while offering source-based deduplication for efficient backups, where only unique data is sent to Barracuda Backup in a compressed and deduplicated state, reducing network bandwidth consumption and backup times.

