

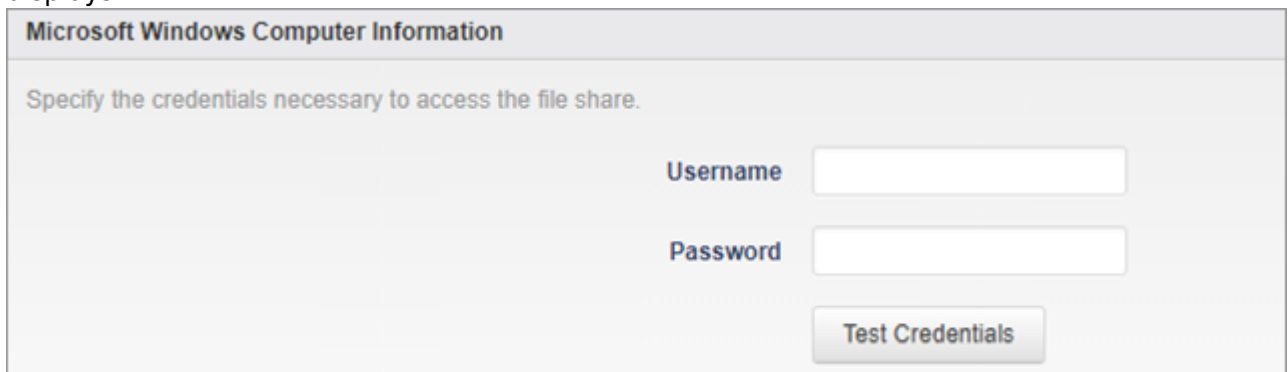
Protecting Network Attached Storage

<https://campus.barracuda.com/doc/78156841/>

The alternate method of backing up Windows systems—Windows systems the Barracuda Backup Agent for Windows cannot support—and Network Attached Storage (NAS) systems is network file-share backup via CIFS/SMB. Prior to configuring the file share backup, ensure that the system supports CIFS/SMB and that the system account Barracuda Backup will use has adequate permissions to access the shares, directories, and files it will be protecting.

Use the following steps to configure a file share backup for systems using CIFS/SMB:

1. Log into Barracuda Backup and select the associated Barracuda Backup device in the left pane or in the devices table (for customers with multiple Barracuda Backup devices).
2. Go to the **Backup > Sources** page, and click **Add a Computer**.
3. Enter a **computer description**, and enter the IP address or fully qualified domain name in the **Computer name** field.
4. From the **Computer type** drop-down menu, select **Microsoft Windows**.
5. Select **Enable File Share Backups**; the **Microsoft Windows Computer Information** section displays:



Microsoft Windows Computer Information

Specify the credentials necessary to access the file share.

Username

Password

Test Credentials

6. Enter the **Username** and **Password** for the system account that will have access to back up data.
As a best practice, use a unique account for this integration point and grant it the least level of privileges required, coordinating with the system administrator. This account requires write privileges to the CIFS/SMB file share. For additional information, see [Security for Integrating with Other Systems - Best Practices](#).
7. When the configuration is complete, click **Save**. The **Add Data Source** page displays. Use the steps in the *Configure CIFS/SMB File Shares for Backup* section below.

Configure CIFS/SMB File Shares for Backup

Once the system is configured for CIFS/SMB backup using the steps in the previous above, you can begin adding specific shares to back up. You can back up at the root level and back up all child

directories, or connect to specific shares/directories one-by-one.

To configure CIFS/SMB file shares for backup:

1. On the **Add Data Source** page, enter a **Data Description** for this source/share.
2. From the **Data Type** drop-down menu, select **File Share - CIFS**.
3. In the **File Share Information** section, enter the name of the share or directory to be backed up in the **Share Name** field, and click **Test Share**; if the connection is successful, a message displays the connection status, for example, **Status: Successfully connected to computer**. If the connection is not successful, verify that you can connect to the share with the configured username, access the system from Barracuda Backup, or that Barracuda Backup has the correct permissions to access the data.
4. If you have successfully added the share, click **Save**. You can continue adding shares in the future by clicking **Add Data Source** for this system on the **Backup > Sources** page, and repeating **steps 1-3**.

Important: Before backing up files via CIFS/SMB, verify the files and folders do not contain invalid characters including:

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

Figures

1. MSWindowsSection.png

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