

How to Back Up the Barracuda Message Archiver with Barracuda Backup

<https://campus.barracuda.com/doc/46204817/>

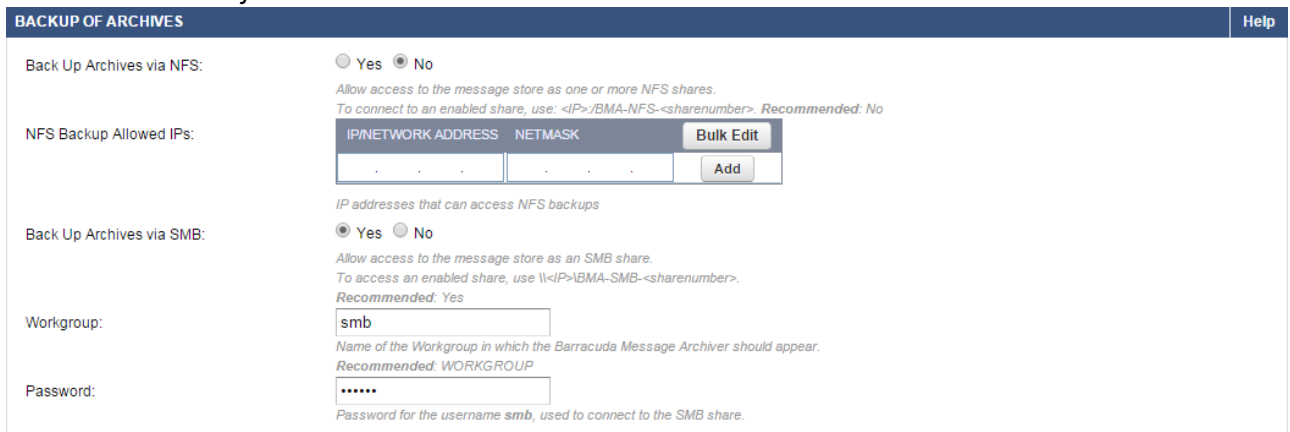
This article refers to the [Barracuda Message Archiver Legacy Release](#) firmware or newer, and [Barracuda Backup Legacy Release](#) firmware or newer.

Back up archives using Barracuda Backup via SMB access to the Barracuda Message Archiver's data partition.

Step 1. Barracuda Message Archiver

The Barracuda Message Archiver provides authenticated read-only access to the internal data partition via CIFS.

1. Log in to the Barracuda Message Archiver as the administrator, and go to the **Advanced > Backups** page.
2. In the **Backup of Archives** section, set **Back Up Archives via SMB** to **Yes** to allow access to the message store as an SMB share.
3. Set a workgroup name and password to connect to the SMB share; note that the SMB share username is always **smb**:



The screenshot shows the 'BACKUP OF ARCHIVES' configuration page. It includes the following settings:

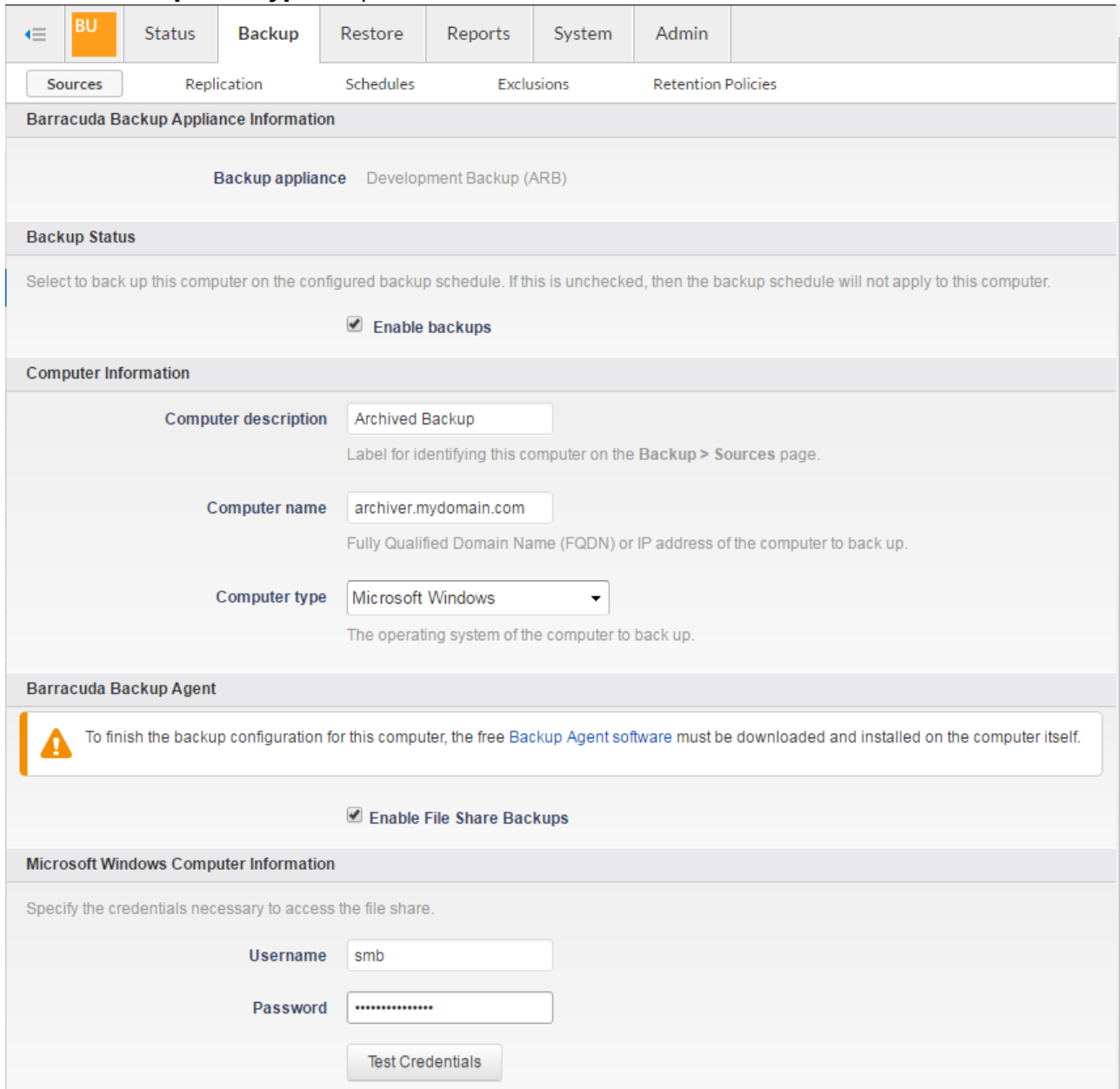
- Back Up Archives via NFS:** Radio buttons for Yes and No, with 'No' selected. Below it, text reads: "Allow access to the message store as one or more NFS shares. To connect to an enabled share, use: <P>/BMA-NFS-<sharenumber>. Recommended: No".
- NFS Backup Allowed IPs:** A table with columns for IP NETWORK ADDRESS and NETMASK, and a Bulk Edit button. An Add button is also present. Below it, text reads: "IP addresses that can access NFS backups".
- Back Up Archives via SMB:** Radio buttons for Yes and No, with 'Yes' selected. Below it, text reads: "Allow access to the message store as an SMB share. To access an enabled share, use \\<P>BMA-SMB-<sharenumber>. Recommended: Yes".
- Workgroup:** A text input field containing 'smb'. Below it, text reads: "Name of the Workgroup in which the Barracuda Message Archiver should appear. Recommended: WORKGROUP".
- Password:** A password input field with masked characters. Below it, text reads: "Password for the username smb, used to connect to the SMB share."

4. Click **Save** to save your settings.

Step 2. Barracuda Backup

The Barracuda Message Archiver shares are published as: `IP:/BMA-SMB-sharenumber`

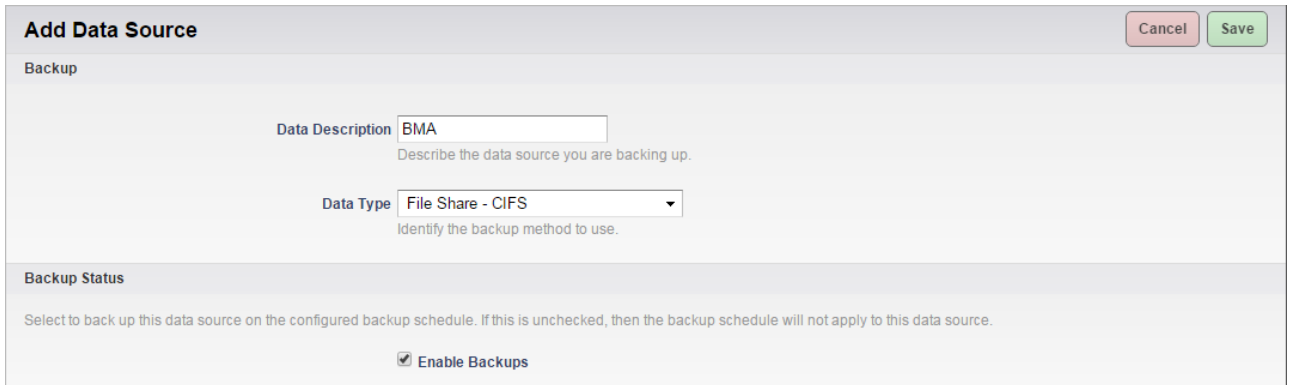
1. Log in to Barracuda Backup as the Administrator, and go to the **Backup > Sources** page.
2. Click **Add a Computer**. In the **Add a Computer** page, enter a **Computer description** and enter the IP address or fully qualified domain name in the **Computer Name** field.
3. From the **Computer Type** drop-down menu, select **Microsoft Windows**:



The screenshot displays the 'Add a Computer' configuration page in the Barracuda Backup interface. The page is organized into several sections:

- Navigation:** A top bar with a menu icon, a 'BU' logo, and tabs for Status, Backup, Restore, Reports, System, and Admin. Below this is a sub-navigation bar with 'Sources' (selected), Replication, Schedules, Exclusions, and Retention Policies.
- Barracuda Backup Appliance Information:** Shows 'Backup appliance' as 'Development Backup (ARB)'.
- Backup Status:** Includes a checkbox for 'Enable backups' which is checked. A note states: 'Select to back up this computer on the configured backup schedule. If this is unchecked, then the backup schedule will not apply to this computer.'
- Computer Information:** Contains three fields:
 - Computer description:** 'Archived Backup' (with a note: 'Label for identifying this computer on the Backup > Sources page.')
 - Computer name:** 'archiver.mydomain.com' (with a note: 'Fully Qualified Domain Name (FQDN) or IP address of the computer to back up.')
 - Computer type:** 'Microsoft Windows' (with a note: 'The operating system of the computer to back up.')
- Barracuda Backup Agent:** Features a warning icon and a message: 'To finish the backup configuration for this computer, the free Backup Agent software must be downloaded and installed on the computer itself.' Below this is a checked checkbox for 'Enable File Share Backups'.
- Microsoft Windows Computer Information:** Includes a note: 'Specify the credentials necessary to access the file share.' and two input fields:
 - Username:** 'smb'
 - Password:** masked with dotsA 'Test Credentials' button is located below these fields.

4. Set **Enable File Share Backups** to **On**; enter **smb** as the **Username**.
5. Enter the password you set up on the **Advanced > Backups** page in the Barracuda Message Archiver web interface, and then click **Test Credentials** to verify access to the file share.
6. Click **Save** at the top of the page.
7. In the **Add Data Source** page, from the **Data Type** drop-down menu, select **File Share - CIFS**, and verify **Enable Backups** is selected:



Add Data Source Cancel Save

Backup

Data Description
Describe the data source you are backing up.

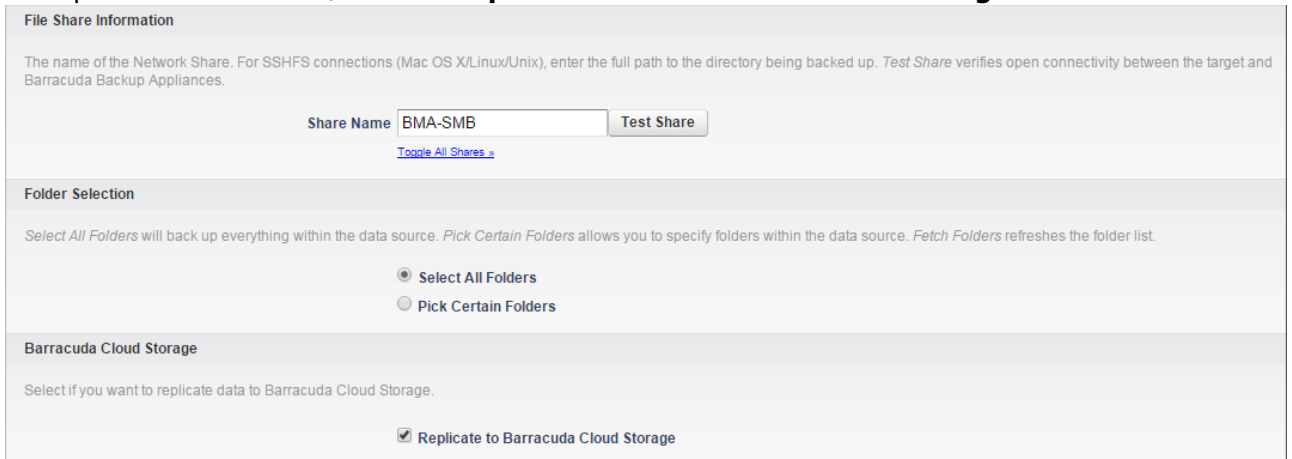
Data Type
Identify the backup method to use.

Backup Status

Select to back up this data source on the configured backup schedule. If this is unchecked, then the backup schedule will not apply to this data source.

Enable Backups

- In the **File Share Information** section, enter **BMA-SMB** as the Share Name, and click **Test Share**.
- In the **Folder Selection** section, specify which folders you want to back up.
- To replicate to the cloud, turn on **Replicate to Barracuda Cloud Storage**:



File Share Information

The name of the Network Share. For SSHFS connections (Mac OS X/Linux/Unix), enter the full path to the directory being backed up. *Test Share* verifies open connectivity between the target and Barracuda Backup Appliances.

Share Name Test Share
[Toggle All Shares >](#)

Folder Selection

Select All Folders will back up everything within the data source. Pick Certain Folders allows you to specify folders within the data source. Fetch Folders refreshes the folder list.

Select All Folders
 Pick Certain Folders

Barracuda Cloud Storage

Select if you want to replicate data to Barracuda Cloud Storage.

Replicate to Barracuda Cloud Storage

- Select the backup schedule for the SMB share.
- Click **Save** at the top of the page to save your configuration and add the data source.

For more information, go to the **Advanced > Backups** page in the Barracuda Message Archiver, and click **Help**.

Figures

1. bma_verify.png
2. backup_setup.png
3. add_data_source.png
4. folder_select.png

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