

Storage Backup

<https://campus.barracuda.com/doc/2490406/>

This article refers to Barracuda Message Archiver firmware 5.1.1 or higher.

The Barracuda Message Archiver Message Store should be backed up just as you would back up your data on any other data storage device. Data is stored on the share in files of about 1GB in size. *All files in all shares must be backed up.* Be aware that although you can back up the files, you must contact Barracuda Networks Technical Support in order to restore any of the data.

Backups can be saved to any NFS or SMB location to which the Barracuda Message Archiver has access.

You can also back up archives using Barracuda Backup via SMB access to the Barracuda Message Archiver's data partition. For more information, refer to [How to Back Up Barracuda Message Archiver with Barracuda Backup](#).

Backup of Archives

In the **Backup of Archives** section, you can enable NFS or SMB access to the message store, and create local storage backups. For more information, refer to [Archived Data Backup](#).

- For backups via SMB, the username used to connect to the published SMB share is always **smb**, but you can optionally specify a workgroup name and an access password.
- When publishing the data partition via NFS, contact [Barracuda Networks Technical Support](#) for assistance in restricting access to the NFS share by IP address.

The Message Store can be made available as an NFS or SMB share on your network. Provide the following information to enable any share:

- **Back Up Archives via NFS** – Set to **Yes** to enable access to the Message Store as NFS shares.
- **Back Up Archives via SMB** – Set to **Yes** to enable SMB access to the Message Store.
- **Workgroup** – Enter the name of the Workgroup that the share is to be a part of.
- **Password** – Enter the password required to access the network share.

NFS Shares

The number of shares on the Barracuda Message Archiver can vary. All models will have share

number 1, while higher model numbers may have additional shares. Possible share configurations include:

| share numbers |
|---------------|
| 1 |
| 1, 2 |
| 1, 2, 3, 4 |

Enabled NFS shares can be mounted as:

`host:/BMA-NFS-#`

where *host* is the hostname or IP address of your Barracuda Message Archiver, and *#* is the share number.

Users of NFS v4 must also include the option **-o vers=3** in the mount command.

Example:

If the IP address of your Barracuda Message Archiver is 192.168.1.10, to mount the second share you issue the command:

```
mount -t nfs 192.168.1.10:/ BMA-NFS-2 dir
```

where *dir* is the path where the share is to be mounted.

Similarly, for NFS v4 users, use the command:

```
mount -t nfs -o vers=3 192.168.1.10:/BMA-NFS-2 dir
```

SMB Access

If SMB access to the Message Store is enabled, it can only be accessed by the username **smb** using the **Password** specified above.

SMB shares enabled for backing up the Message Store are *not* the same as the shares used for other purposes, such as importing **.pst** files. Refer to the **Basic > Administration** page to enable SMB shares for other uses.

The number of shares on the Barracuda Message Archiver can vary. All models have share number 1, while higher model numbers may have additional shares. Here are the possible share configurations:

| share numbers |
|---------------|
|---------------|

| |
|------------|
| 1 |
| 1, 2 |
| 1, 2, 3, 4 |

Enabled SMB shares can be reached at:

`\\host\BMA-SMB-#`

where *host* is the hostname or IP address of your Barracuda Message Archiver, and *#* is the share number.

If you are already connected to another SMB share on your Barracuda Message Archiver, you may need to specify the host name instead of the IP address.

Example:

If the IP address of your Barracuda Message Archiver is 192.168.1.10, to connect to the second share use:

`\\192.168.1.10\BMA-SMB-2`

Configuration Backups

You can create backups of your Barracuda Message Archiver configuration. These files can be used for backup purposes, as well as for uploading to another Barracuda Message Archiver running the same or higher firmware version. Backups can be created manually to be saved to your desktop as needed, or created automatically to be saved onto a storage server on a regular basis.

The default filename is in the format `BAR-MA- serial-date -Config_Backup.bak`, where:

- *serial* is the serial number of the unit
- *date* is the date and time the backup was initiated

A checksum is placed in each configuration text file to prevent accidental errors in the Barracuda Message Archiver configuration information. Any changes made to the file will cause the existing checksum to be incorrect, which prevents upload of the modified configuration file. Customers who want to manually edit a configuration file should contact Barracuda Networks Technical Support for the proper procedure.

For details, see:

- [Scheduled Backups](#)
- [Manual Backups](#)

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