

## Understanding Archived Data Backup

<https://campus.barracuda.com/doc/31393561/>

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

In the event of a catastrophe, backed up data partition content can be quickly restored. Back up the raw email data including **.zip** files present on the data partition as well as data directories that house statistics, index, and other metadata snapshots the Barracuda Message Archiver generates for content.

### Important

While use of the Storage Manager/Mirror capability (**Advanced > Storage Manager** page) will push a real-time copy of raw emails to a customer data share, metadata snapshots are not mirrored. You must back up this content by connecting to the Barracuda Message Archiver's read-only SMB share. Metadata content is available for Mirroring in a future point release of the firmware.

To fully realize this restoration method, you must consistently back up the following:

- Raw Email data:
  - **\*.zip** (1GB-sized message archives)
  - *<nnn>/* (directory containing recently received emails, not yet merged into a **.zip**)
- Snapshots of Metadata:
  - FolderSync (snapshot of foldersync data)
  - index (snapshot of archives of index metadata)
  - index\_backup (snapshot of the entire index)
  - ldap\_cache (snapshot of ldap group information)
  - log (snapshot of important system information)
  - postgres\_backup (snapshot of system databases)

Because snapshots are performed nightly, in the event that data restoration is necessary, typically only raw emails arriving in the last day must be reprocessed.

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