
Understanding Cloud Storage

<https://campus.barracuda.com/doc/41107099/>

This article refers to Barracuda Message Archiver version 5.0 or higher.

Cloud Storage allows you to rotate or mirror data from the Barracuda Message Archiver to Barracuda Cloud. Once you link your Barracuda Message Archiver to a Barracuda Cloud Control account, you can mirror all new and existing mail and then search, export, or forward that mail from both the Barracuda Message Archiver web interface and from Barracuda Cloud Control. Define Cloud Storage on the **Advanced > Cloud Storage** page in the web interface.

Hybrid Deployment

In hybrid appliance and cloud storage deployments, the **Archiver** tab in the Barracuda Cloud Control web interface is intended for *basic user functionality*. Configuration changes for Barracuda Message Archiver appliances connected to cloud storage must be made from the local UI or Barracuda Appliance Control.

Barracuda Cloud Storage Security

The Barracuda Message Archiver is deployed behind the customer's corporate firewall and is protected by the same security measures that the customer uses to protect their primary data sources. All data transferred to and stored in the Barracuda Cloud is encrypted using AES 256-bit encryption. Data replicated to Barracuda Cloud Storage is stored in two geographically independent locations to insure complete protection from regional disasters.

Mirror in Cloud Storage

Select **Mirror** in the **Cloud Storage** section on the **Advanced > Cloud Storage** page to copy all new messages, including folder data, to Barracuda Cloud. When a Barracuda Message Archiver is mirrored to Barracuda Cloud, you can create retention policies that remove mail from the system after a specified number of days, and whether to keep or remove mail from Barracuda Cloud after a specified number of days. For example:

- Remove from Barracuda Message Archiver after 45 days and keep on Barracuda Cloud forever
- Remove from Barracuda Message Archiver after 45 days and keep on Barracuda Cloud for an

additional 45 days

- Keep on Barracuda Cloud forever; this is similar to not allowing automatic message deletion on the appliance

Note that the wizard for creating retention policies is dynamic and based on the selected Cloud Mode defined on the **Advanced > Cloud Storage** on the Barracuda Message Archiver.

Rotate to Barracuda Cloud

Note that your messages cannot be unstubbed in the cloud. Contact [Barracuda Technical Support](#) to unstub your data before you rotate it to the cloud.

You can create saved search rotation policies to remove mail from the Barracuda Message Archiver after a specified time period or rotate content to Barracuda Cloud, and select whether to store mail forever in the cloud, or to remove it after an additional number of days. Select **Rotate** in the **Cloud Storage** section on the **Advanced > Cloud Storage** page to send messages to Barracuda Cloud based on the retention policies defined on the **Policy > Retention** page. When you add a retention policy based on a saved search, specify retention and rotation:

- Rotate to Barracuda Cloud after 30 days and remove from the Barracuda Cloud after an additional 60 days, this means the mail is kept for a total of 90 days
- Remove mail from Barracuda Message Archiver after 30 days, keep on Barracuda Cloud forever
- Keep on Barracuda Message Archiver forever; this is similar to not allowing automatic message deletion on the appliance

Offline Access

If your on-premise Barracuda Message Archiver goes offline, the administrator can access the emails stored in the cloud by logging in to <https://login.barracudanetworks.com/> using the account that the cloud storage is connected to.

© Barracuda Networks Inc., 2020 The information contained within this document is confidential and proprietary to Barracuda Networks Inc. No portion of this document may be copied, distributed, publicized or used for other than internal documentary purposes without the written consent of an official representative of Barracuda Networks Inc. All specifications are subject to change without notice. Barracuda Networks Inc. assumes no responsibility for any inaccuracies in this document. Barracuda Networks Inc. reserves the right to change, modify, transfer, or otherwise revise this publication without notice.