
How to Link the Barracuda Message Archiver to Cloud Storage

<https://campus.barracuda.com/doc/44433803/>

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 the Barracuda Cloud.

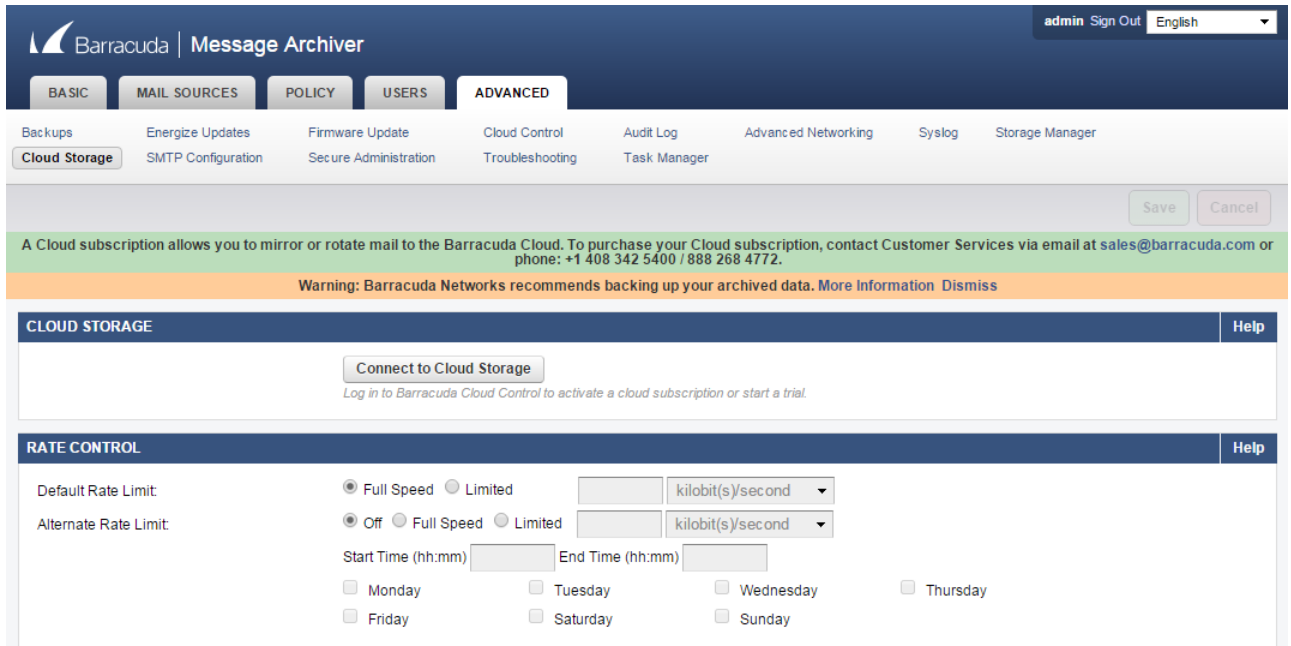
Prerequisites

- You must have a Cloud Storage Subscription available from Barracuda Customer Services.
- If the appliance is located behind a corporate firewall, you may need to open the following ports to allow communication between the appliance and Barracuda Networks:
 - Ports 80/443 and 1194 outbound for both TCP and UDP are required for communication
 - Ports 5120-5129 are used to replicate data to Barracuda Cloud Storage; contact [Barracuda Technical Support](#) to restrict outbound network traffic on these ports to only reach Barracuda Networks

Link to Cloud Control

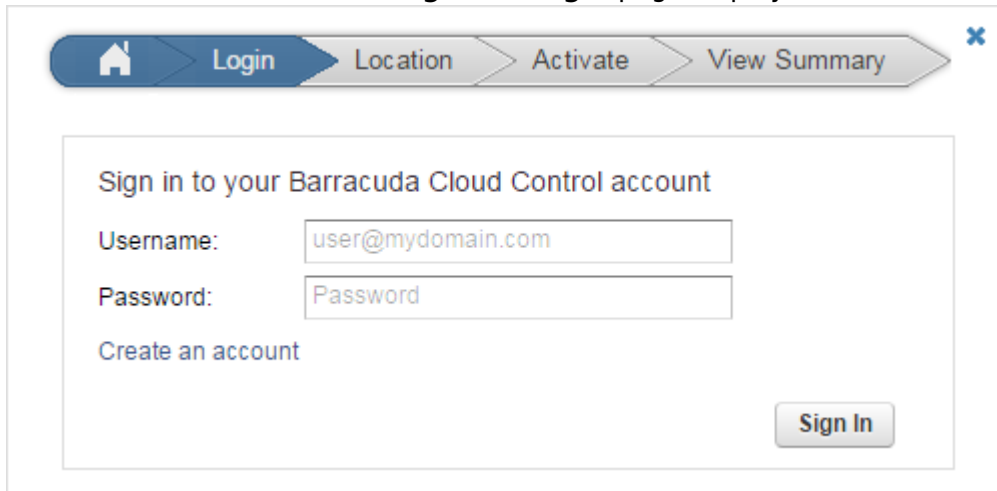
Use the following steps to link your Barracuda Message Archiver to a Barracuda Cloud Control account:

1. Log in to the Barracuda Message Archiver web interface, and go to **Advanced > Cloud Storage**:



The screenshot shows the Barracuda Message Archiver interface. At the top, there's a navigation bar with tabs for BASIC, MAIL SOURCES, POLICY, USERS, and ADVANCED. Below this, there are sub-tabs for Backups, Energize Updates, Firmware Update, Cloud Control, Audit Log, Advanced Networking, Syslog, and Storage Manager. The 'Cloud Storage' sub-tab is selected. A 'Warning' banner states: 'Warning: Barracuda Networks recommends backing up your archived data. More Information Dismiss'. Below the warning, there's a 'CLOUD STORAGE' section with a 'Connect to Cloud Storage' button and a note: 'Log in to Barracuda Cloud Control to activate a cloud subscription or start a trial.' The 'RATE CONTROL' section is also visible, with options for Default Rate Limit and Alternate Rate Limit, each with radio buttons for Full Speed, Limited, and Off. There are also fields for Start Time and End Time, and checkboxes for days of the week.

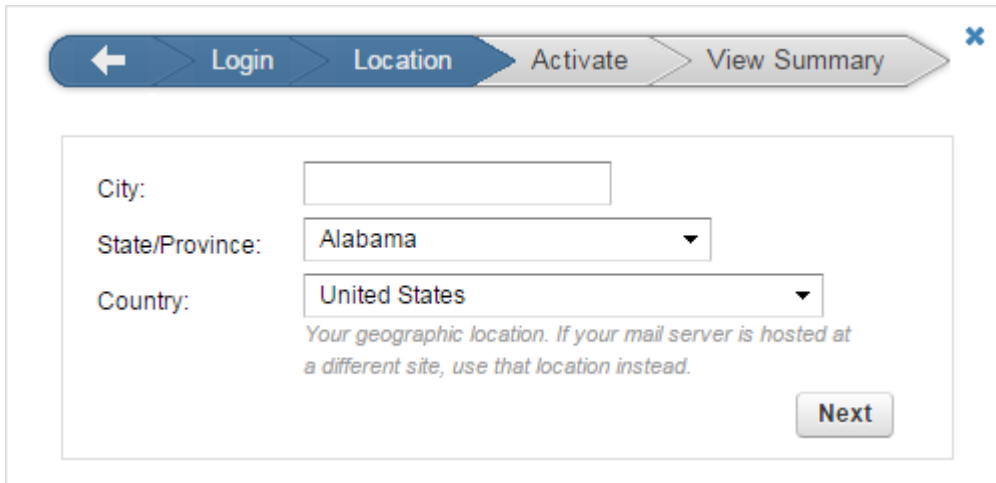
2. Click **Connect to Cloud Storage**; the **Login** page displays:



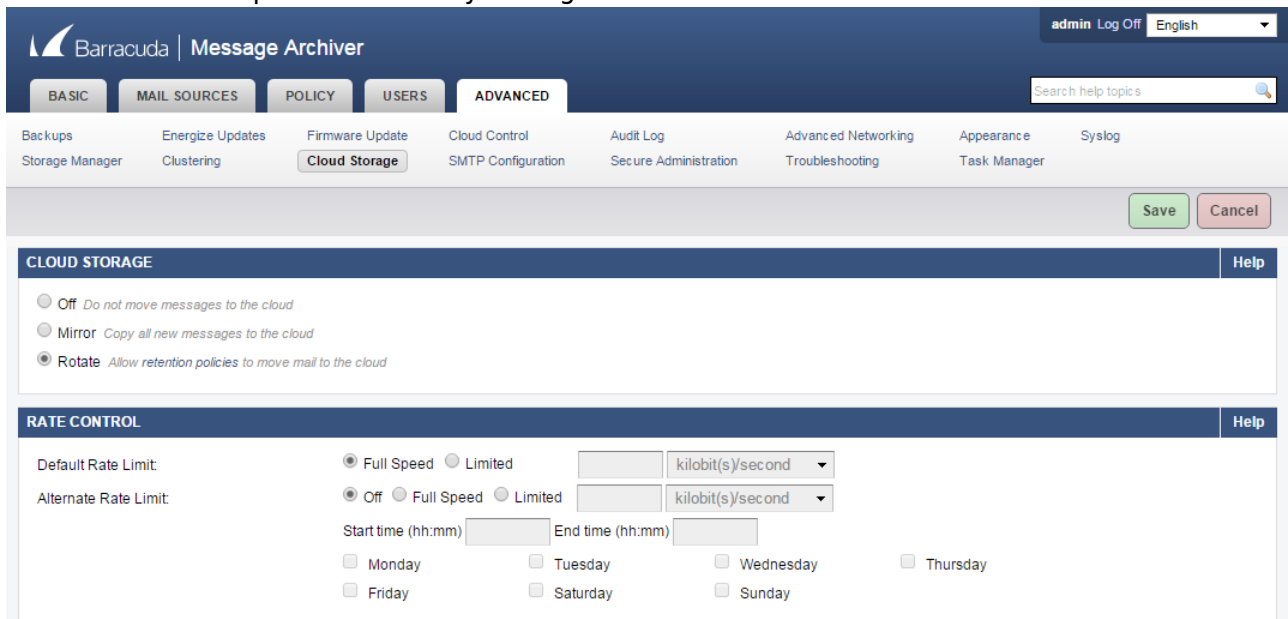
The screenshot shows the Barracuda Cloud Control Login page. At the top, there's a navigation bar with buttons for Home, Login, Location, Activate, and View Summary. The 'Login' button is highlighted. Below the navigation bar, there's a form titled 'Sign in to your Barracuda Cloud Control account'. The form has fields for Username (with the example 'user@mydomain.com') and Password (with the placeholder 'Password'). There's a 'Create an account' link and a 'Sign In' button.

If you do not have an account, click **Create an account**. Enter your user details and click **Create User**. Follow the instructions emailed to you to set up your account.

3. Enter your Barracuda Cloud Control account credentials, and click **Sign In**.
4. In the **Location** page, enter the **City**, **State**, and **Country** where your mail server is hosted; your account can link to only one location. The first Barracuda Message Archiver appliance you link determines the datacenter that all appliances on your account will use. For example, if you select **Canada** as your country, your appliances use the datacenter in Canada:



- Click **Next**. In the **View Summary** page, click **Activate** to link your Barracuda Message Archiver to the Barracuda Cloud Control account.
- The **Advanced > Cloud Storage** page refreshes and displays the **Cloud Storage** options. You can either **Mirror** or **Rotate** messages to the cloud; see [Understanding Cloud Storage](#) to determine which option best suits your organization's needs:



- Messages are moved to Cloud Storage based on retention policies you set in the [Policy > Retention](#) page.
- In the **Rate Control** section, specify the data replication rate to Barracuda Cloud Control.
- As messages are sent to Cloud Storage, related statistics display on the [Basic > Dashboard](#) page:

PERFORMANCE STATISTICS		Help
System Load:		1%
Firmware Storage:		79%
Mail/Log Storage:		0%
RAID Unit 0:	Fully Operational	
Index Queue Length:	2	
Last Message Archived:	2015-12-04 13:34:32	
Messages Deduplicated:	4,392	
Storage Saved:	695 MB	
Cloud Storage Queue Length:	36	
Cloud Control:	Not Configured	

10. Optionally, you can log in to Barracuda Cloud Control, and go to the Barracuda Message Archiver section to view the current count of content that has been sent to the cloud:

MESSAGE STATISTICS		Help	
	Total	Day	Hour
Inbound Emails	151,866	35,664	2,489
Internal Emails	90,647	19,040	1,099
Outbound Emails	10,442	1,926	216
Appointments	15	0	0
Contacts	3	0	0
Distribution List	0	0	0
Notes	0	0	0
Tasks	10	0	0
Total Messages	252,983	56,630	3,804

PERFORMANCE STATISTICS		Help
Mail/Log Storage:		0%
Last Message Archived:	2015-12-04 18:39:32	

STORAGE STATISTICS		Help	
	Total	Day	Hour
Effective	23 GB	5 GB	456 MB
On Disk	15 GB	3 GB	284 MB
Reduction	34.724%	41.236%	37.652%

Figures

1. cloudstorage1.png
2. cloudstorage2.png
3. cloudstorage3.png
4. cloudstorage5.png
5. cloudstorage6.png
6. cloudstorage7.png

© 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.