

## How to Link the Barracuda Message Archiver to Cloud Storage

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

Starting **September 2, 2024**, the **Cloud Storage** feature will no longer be available. For more information, see [Cloud Storage Discontinuation](#).

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

Cloud Storage allows you to mirror data from the Barracuda Message Archiver to the Barracuda Cloud.

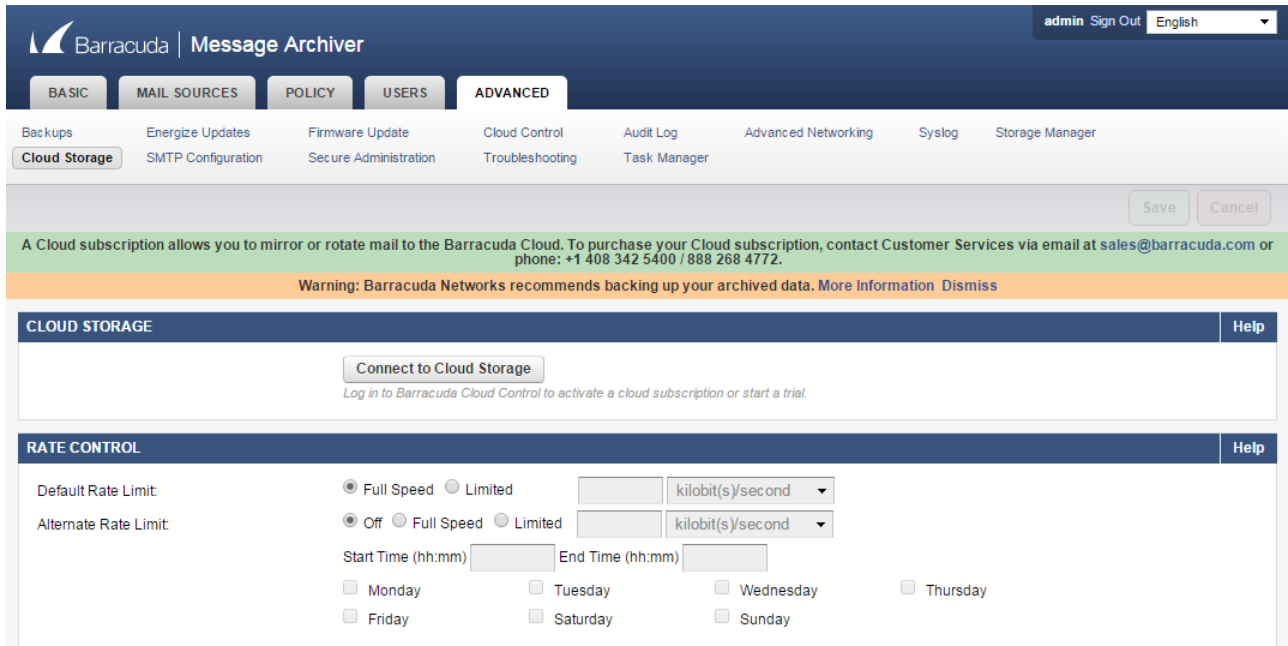
### Prerequisites

- 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 Networks Technical Support](#) to restrict outbound network traffic on these ports to only reach Barracuda Networks.
  - For more information, see also [Required Outbound Connections for Barracuda Networks Appliances](#).
- Contact [Barracuda Networks Technical Support](#) prior to linking your Barracuda Message Archiver appliance to Cloud Storage to confirm your appliance has a cloud compatible index. This will ensure that there are no data duplication or other issues.

### Link to Cloud Control

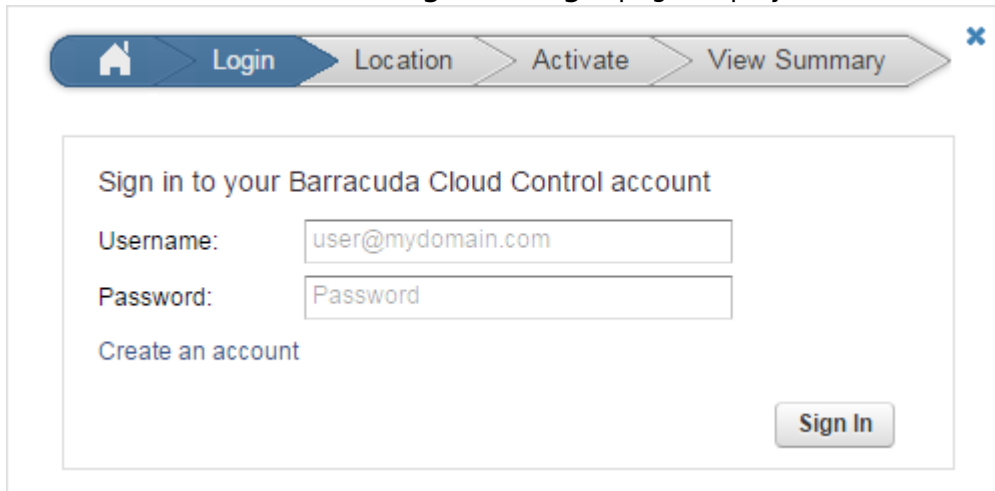
Use the following steps to link your Barracuda Message Archiver to a Barracuda Cloud Control account:

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



The screenshot shows the Barracuda Message Archiver web interface. The top navigation bar includes "BASIC", "MAIL SOURCES", "POLICY", "USERS", and "ADVANCED". Under "ADVANCED", there are sub-menus for "Backups", "Energize Updates", "Firmware Update", "Cloud Control", "Audit Log", "Advanced Networking", "Syslog", and "Storage Manager". The "Cloud Storage" sub-menu is selected. A "Warning: Barracuda Networks recommends backing up your archived data. More Information Dismiss" message is displayed. The "CLOUD STORAGE" section has a "Connect to Cloud Storage" button and a "Help" link. Below it, the "RATE CONTROL" section has a "Help" link and configuration options for "Default Rate Limit" and "Alternate Rate Limit", including radio buttons for "Full Speed" and "Limited", input fields for rate limits, start/end times, and checkboxes for days of the week.

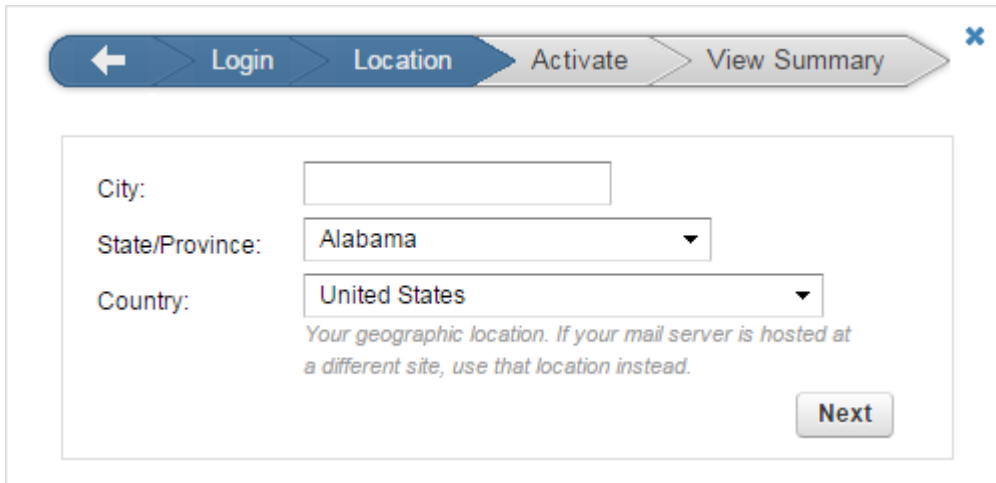
2. Click **Connect to Cloud Storage**; the **Login** page displays:



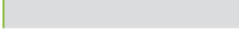

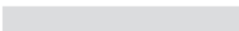
The screenshot shows the Barracuda Cloud Control Login page. At the top, there is a navigation bar with a home icon, "Login", "Location", "Activate", and "View Summary" buttons, and a close button. The main content area has the heading "Sign in to your Barracuda Cloud Control account". Below this, there are input fields for "Username:" (containing "user@mydomain.com") and "Password:" (containing "Password"). There is 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 data center that all appliances on your account will use. For example, if you select **Canada** as your country, your appliances use the data center in Canada:



5. Click **Next**. In the **View Summary** page, click **Activate** to link your Barracuda Message Archiver to the Barracuda Cloud Control account.
6. The **Advanced > Cloud Storage** page refreshes and displays the **Cloud Storage** options. You can **Mirror** messages to the cloud; see [Understanding Cloud Storage](#) for more information.
7. In the **Rate Control** section, specify the data replication rate to Barracuda Cloud Control.
8. 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	

9. Optionally, you can log into 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:

Community Account Support
BASIC POLICY ADVANCED

Dashboard Search Administration

- Backup >
- Web Security >
- Email Security >
- Archiver >**
- Mobile Devices >
- Appliance Control >

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	
<b>Total Messages</b>	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. cloudstorage6.png
5. cloudstorage7.png

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