

## Replication Page

<https://campus.barracuda.com/doc/17105476/>

Barracuda Backup appliances that are used to back up data from one or more Barracuda Backup appliances are known as *replication destinations*. Data from one Barracuda Backup appliance can be replicated to one or more destinations.

Do not configure more Backup *senders* to Backup *receivers* than would exceed the internal capacity. For example, if you have a Barracuda Backup 890 with an internal capacity of 16 TB, and you want to configure this system to receive data from multiple Barracuda Backup 390 appliances which have an internal capacity of 2 TB, the total amount of Barracuda Backup 390 appliances sending to the Barracuda Backup 890 should not be more than 8.

### Before Getting Started

Before getting started, verify the following:

- Make sure that your retention policies are configured before configuring replication. Otherwise you may waste bandwidth copying data that does not need to be replicated.
- Verify Internet connectivity between the local and remote Barracuda Backup appliance(s). Configuring a secure VPN connection between multiple Barracuda Backup appliances ensures the highest level of security possible.
- You must have the serial number and replication code of the *destination* Barracuda Backup appliance. Go to the *destination* Barracuda Backup appliance, and go to the **Backup > Replication** page. The serial number and replication code display at the top right of the page.



### Configure Backup Data Replication

Configure backup data replication to one or more other Barracuda Backup appliances on the **Backup > Replication** page. Rate limits and total number of replicated data sources for each target display in the **Target List** table:

Replication: HQ Backup (CAM)

IP Address: 10.143.240.12 | Serial Number: BAR-BS-823518 | Replication Code: 0fb39e33

Sending Data To

| Target List  | Status                            | Total Stored | Queue Age | Queue Size | Settings                          |
|--|-----------------------------------|--------------|-----------|------------|-----------------------------------|
| <div><div></div><div><div>Barracuda Cloud</div><div>Bandwidth Rate Limit: Default Full Speed / Alternate 245 Mbps</div><div>8:00 - 18:00 Weekdays</div></div></div>   | <div><div></div><div></div></div> | 840.90 GB    |           | 0 byte(s)  | <div><div></div><div></div></div> |
| <div><div></div><div><div>Receiver Vx (ATL) / Barracuda Backup Receiver Vx</div><div>Destination IP Address: 10.143.240.14</div><div>Bandwidth Rate Limit: Default Full Speed / Alternate 52 Mbps</div><div>8:00 - 17:00 Weekdays</div></div></div> | <div><div></div><div></div></div> | 840.90 GB    |           | 0 byte(s)  | <div><div></div><div></div></div> |
| <div><div></div><div>Configure replication to another backup device</div></div>  |                                   |              |           |            |                                   |

Receiving Data From

| Source List   | Status | Total Stored | Queue Age | Queue Size | Settings |
|---|--------|--------------|-----------|------------|----------|
| <div>No replication partners are sending data to this device.</div> |        |              |           |            |          |

### Sending Data To

This section displays target system details. In this section, you can take the following actions:

- **Target List** displays where data *from* the selected Barracuda Backup appliance is sent
- Click **Settings** to edit the replication configuration.
- Click **Remove** to remove the target and purge all data related to the source on the target device.
- Toggle local backups **On/Off** in the **Send all local backups** field.

### Receiving Data From

This section displays source system details. In this section, you can take the following actions:

- Click **Remove Replication Partner** to delete the replication source.
- **Source List** displays a list of devices sending data *to* the selected Barracuda Backup appliance.  
Barracuda Backup compresses and encrypts data prior to replication; the value displayed in the **Total Stored** field represents data before compression.

A Barracuda Backup appliance can act as a backup to one or more other Barracuda Backup appliances. Each Barracuda Backup appliance can send data to one or more other Barracuda Backup appliances.

### Important

- Only the Barracuda Backup appliance 490 and higher can act as a backup to other Barracuda Backup appliances, although any Barracuda Backup appliance can *send* data.
- Data can be backed up to both a second Barracuda Backup appliance and to Barracuda Cloud Storage. Data that is backed up on a second Barracuda Backup appliance *cannot* be backed up yet again onto another Barracuda Backup appliance.

- For every Terabyte of data replicated, Barracuda Networks recommends a 1.5 Mbps or T1 connection.
- You must have the serial number and replication code of the destination. These can be found by selecting the destination Barracuda Backup appliance and looking at its **Backup > Replication** page.

## Figures

### 1. replication\_update1.jpg

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