

The Barracuda Control Server enables administrators to monitor and configure multiple Barracuda Networks products from a single console. Through the web interface, you can check the health of all connected devices, run reports that are generated by gathering data from all the devices, and assign roles with varied permissions to different types of users.

1 Getting Started

This guide provides you with setup instructions for the Barracuda Control Server. We recommend reading these instructions fully before starting the setup. To begin setting up your Barracuda Control Server, you need the following:

- Barracuda Control Server, AC power cord, Ethernet cables (included)
- VGA monitor (recommended)
- USB keyboard (recommended)

2 Physical Installation

To install the Barracuda Control Server:

1. Fasten the Barracuda Control Server to a 19-inch rack or place it in a stable location.
2. Connect a CAT5 or CAT6 Ethernet cable from your network switch to the Ethernet port on the back of the Barracuda Control Server.
3. Connect a standard VGA monitor, USB keyboard, and an AC power cord to the Barracuda Control Server. **Note:** Immediately after connecting an AC power cord to the unit, it may power ON for a few seconds and then power OFF. This is because the unit is designed to automatically return to a powered ON state in the event of a power outage.
4. Press the **POWER** button on the front panel to turn the unit on.

3 Configure IP Address and Network Settings

If you have a monitor connected, the Barracuda Control Server initially displays the Boot Menu; once fully booted, the Administrative Console login prompt displays. To begin the configuration, log in using the Barracuda Control Server *Administrator Account*:

1. Log in to the Administrative Console using the admin login **admin/admin**.
2. Configure the **IP Address, Subnet Mask, Default Gateway, Primary DNS Server, and Secondary DNS Server** as appropriate for your network.
3. Save your changes.

If you do not have a monitor and keyboard, you can set the IP using the **RESET** button on the front panel. Press and hold the **RESET** button per the following table:

IP address	Press and hold RESET for ...
192.168.200.200	5 seconds
192.168.1.200	8 seconds
10.1.1.200	12 seconds

Note: Barracuda devices you wish to manage through the Barracuda Control Server must have a network path between the two devices and at least one of the following ports available to communicate between the devices: port 80, 8000, 23557, or 48320.

4 Open Firewall Ports

If your Barracuda Control Server is located behind a corporate firewall, you may need to open ports 1194 and ports 5120-5129 outbound for both TCP and UDP to allow communication between the Barracuda Control Server and the Internet.

These ports are used to transfer data either to the Barracuda Control Server or to another Barracuda Networks appliance over the Internet. To restrict outbound network traffic on these ports, contact Barracuda Networks Technical Support for a list of the IP addresses to allow.

5 Verify and Configure Access from the Web Interface

Use a computer with a web browser connected to the same network as the Barracuda Control Server, and follow these steps:

1. In the browser address bar, enter `http://` followed by the Barracuda Control Server IP address, followed by the default Web Interface HTTP Port (:8000). For example, if you configured the Barracuda Control Server with an IP address of 192.168.200.200, you would enter the following:
`http://192.168.200.200:8000`
2. Log in to the Barracuda Control Server web interface using the *Barracuda Control Server Administrator Account*, `admin/admin`.
3. Go to the **CLOUD CONTROL > IP Configuration** page, and perform the following steps:
 - Verify the values for **IP Address, Subnet Mask, and Default Gateway**.
 - Verify the values for **Primary and Secondary DNS Server**.
 - You can optionally enter the **Proxy Server** details.
 - Enter the **Default Domain**. For example, `<yourdomainname>.com`.
4. Click any of the **Save Changes** buttons to save the entered information.

6 Product Activation

Verify that your Energize Updates subscription is activated on your Barracuda Control Server by going to the **CLOUD CONTROL > Status** page. Under **Subscription Status**, make sure the Energize Updates subscription is **Current**. If the Energize Updates status is **Not Activated**, click the activation link to go to the Barracuda Networks Product Activation page and complete activation of your subscriptions.

7 Change the Barracuda Control Server Administrator Account Password

To avoid unauthorized use, we recommend you change the default administrator password to a more secure password. You can only change the administrator password for the web interface. You cannot change the password for the Administrative Console; this is accessible only via the keyboard which you can disconnect at any time.

1. Go to **CLOUD CONTROL > My Account**, and enter your old and new passwords.
2. Click **Save Password**.

8 Update the Firmware

1. Go to **ADVANCED > Firmware Update** to check for the latest firmware updates. If there are none available, skip to Step 9.
2. Click the **Download Now** button located next to the firmware version you wish to install. To view download progress, click the **Refresh** button. When the download is complete, the **Refresh** button is replaced by an **Apply Now** button. To avoid damaging the unit, *do not power OFF* during a firmware update or download.
3. Click the **Apply Now** button to apply the firmware. This takes a few minutes to complete.

Note: Read the Release Notes to learn about enhancements and new features. It is good practice to verify settings, as new features may be included with the firmware update.

9 Create the Barracuda Control Server Account Administrator

The *Barracuda Control Server Account Admin* creates users and connects devices.

1. Log in to the web interface as the *Barracuda Control Server Administrator* (admin/admin), and go to **CLOUD CONTROL > Account Management**.
2. In the **Account Creation** section, enter the account admin name and administrator email address, and select the preferred time zone for the account.
3. A confirmation email containing the login credentials is sent to the email address entered above. Use these credentials to log into the web interface.

10 Connect a Barracuda Networks Device to the Barracuda Control Server

- You can connect one or more Barracuda Networks products to a Barracuda Control Server.
1. Log in to the Barracuda Control Server web interface as the *Barracuda Control Server Account Admin* (this is the account created in step 9).
 2. Go to the **CLOUD CONTROL > Connect Products** page, and follow the steps in the web interface for each device you wish to connect.

11 Create Barracuda Control Server Users

Log in to the Barracuda Control Server web interface as the *Barracuda Control Server Account Admin* to create and manage users.

1. Go to the **CLOUD CONTROL > User Management** page, and in the **Create User** section, enter the user email address, and select the preferred time zone.
2. From the **Role** drop-down menu, select from the following options:
 - **View Status only** – User can view connected device statistics on the **CLOUD CONTROL > Status** page.
 - **View Reports, Logs, and Status only** – User can view connected device statistics on the **CLOUD CONTROL > Status page**, and track events on the **CLOUD CONTROL > Audit Log page**.
 - **All Actions** – Use this role to create a *Barracuda Control Server administrator account*; user can create users and assign permissions, connect devices, view device status, and view tasks and task errors.
 - **Account Admin** – Use this role to create a *Barracuda Control Server account admin*; user can configure and manage the Barracuda Control Server, update security definitions, and view tasks and task errors.
3. In the **Access** list you specify to which devices the user has access; note that the **Account Admin** role always has access to *all* connected devices.
4. Click **Create User** to add the new user. The user displays in the **User View** table, and an email is sent to the user's email address with their login credentials.

Additional documentation, including an Administrator's Guide, is available at: <http://techlib.barracuda.com/x/BCSOverview>

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