

The Barracuda Web Filter is a network gateway appliance that is installed between your internal network and the Internet to perform application and content filtering, stop spyware and virus downloads, block inbound and outbound access to known spyware Web sites, filter offensive content, and detect spyware accessing the Internet. The Barracuda Web Filter can also notify you of the presence of spyware on computers in your network. It will provide comprehensive protection of your organization's Web traffic.

## 1 Getting Started

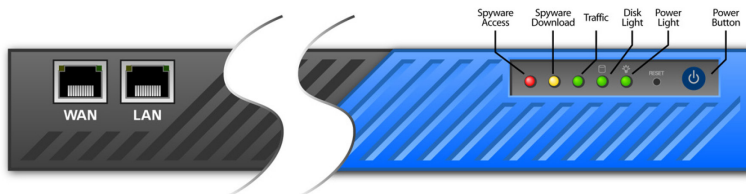
This guide provides you with setup instructions for the Barracuda Web Filter. Barracuda Networks recommends reading these instructions fully before starting the setup. For installation and configuration, you will need the following:

- Barracuda Web Filter
- AC Power Cord
- Ethernet Cables
- Mounting Rails (model 610/810 only)
- VGA Monitor (recommended)
- PS2 Keyboard (recommended)

## 2 Physical Installation

To install the Barracuda Web Filter:

1. Fasten the Barracuda Web Filter to a 19-inch rack or place it in a stable location.
2. Connect an Ethernet Cable from your network switch to the LAN ethernet port on the front panel of the Barracuda Web Filter. The WAN port will be used after the basic configuration is complete.
3. Connect a standard VGA monitor, PS2 keyboard, and the AC Power Cord to the appliance. AC input voltage range is 100-240 volts at 50/60 Hz.
4. Press the POWER button on the front panel to turn on the appliance.



## 3 Configure IP Address and Network Settings

If you have a monitor connected, the Barracuda Web Filter will display the Boot Menu initially and the Administrative Console login prompt once fully booted. To begin the configuration:

1. Log in to the Administrative Console using the admin login:

- **Login:** admin
- **Password:** admin

```
barracuda login: admin
password:
```

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 and want to 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

## 4 Open Firewall Ports

If your Barracuda Web Filter is located behind a corporate firewall, open the following ports on your firewall to allow communication between the Barracuda Web Filter and remote servers:

Port	Direction	TCP	UDP	Usage
22	Out	Yes	No	Only required for Technical Support connections
25	In/Out	Yes	No	Email and email bounces
53	Out	Yes	Yes	Domain Name Service (DNS)
80	Out	Yes	No	Virus/spyware/firmware and category def. updates
123	Out	No	Yes	Network Time Protocol (NTP)

## 5 Barracuda Web Filter Configuration

Use a computer with a Web browser that is connected to the same network as the Barracuda Web Filter and follow these steps:

1. In the browser address bar, enter http:// followed by the IP address of the Barracuda Web Filter, followed by the default Web Interface HTTP Port (:8000). For example, if you configured the Barracuda Web Filter 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 Web interface of the Barracuda Web Filter as the administrator:  
**Username:** admin **Password:** admin

- Go to the **Basic** → **IP Configuration** page and configure the following:
  - Domain Configuration:** Enter the **Default Hostname** and **Default Domain**. These names will be associated with anti-spyware email notification messages from the unit.
  - Operating Mode:** Select **Audit**. You will switch this to **Active** in a later step.
- Click any one of the **Save Changes** buttons to save all of the information.

### 6 Product Activation

Verify that the Energize Updates feature is activated on your Barracuda Web Filter by going to the **Basic** → **Status** page. Under Subscription Status, make sure the Energize Updates subscription is *Current*. If the Energize Updates is *Not Activated*, click the corresponding activation link to go to the Barracuda Networks Product Activation page and complete activation of your subscriptions.

### 7 Update the Firmware

Go to **Advanced** → **Firmware Update** page. If there is a new **Latest General Release** available, perform the following steps to update the system firmware:

- Click on the **Download Now** button located next to the firmware version that you wish to install. To view download progress, click on the **Refresh** button. When the download is complete, the **Refresh** button will be replaced by an **Apply Now** button.
- Click on the **Apply Now** button to install the firmware. This will take a few minutes to complete. To avoid damaging the Barracuda Web Filter, do not manually power OFF the system during an update or download.
- After the firmware has been applied, the Barracuda Web Filter will automatically reboot, and will display the login page when the system has come back up.
- Log in to the Web interface again and read the Release Notes to learn about enhancements and new features. It is also good practice to verify settings you may have already entered, as new features may have been included with the firmware update.

### 8 Change the Administrator 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, but this is only accessible via the keyboard which you can disconnect at any time.

- Go to **Basic** → **Administration** and enter your old and new passwords.
- Click **Save Password**.

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#### Inline Connection of Ethernet

The Barracuda Web Filter is now ready for testing. You should disconnect the ethernet cable that goes between your standard firewall and your internal network switch, and connect this to the WAN port on the front panel of the Barracuda Web Filter. You should then connect the cable from the LAN port of the Barracuda Web Filter to the internal router, hub, or switch that your firewall used to connect to (see diagram). Once this is complete, return to the **Operating Mode** section of the **Basic** → **IP Configuration** page and set the unit to **Active**.

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#### Test Connectivity

You should verify network connectivity by utilizing a machine in your existing network to browse the Web. Once successful connectivity has been verified, you may adjust the settings within the Barracuda Web Filter to better suit your needs. Your Barracuda Web Filter is now ready to use.

Be sure to check out the Barracuda Networks Support Forum at: <http://forum.barracuda.com> for Frequently Asked Questions (FAQs) and other helpful tips for setting up and using your Barracuda Web Filter. For additional documentation, visit <http://www.barracuda.com/documentation>

#### Contact and Copyright Information

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