

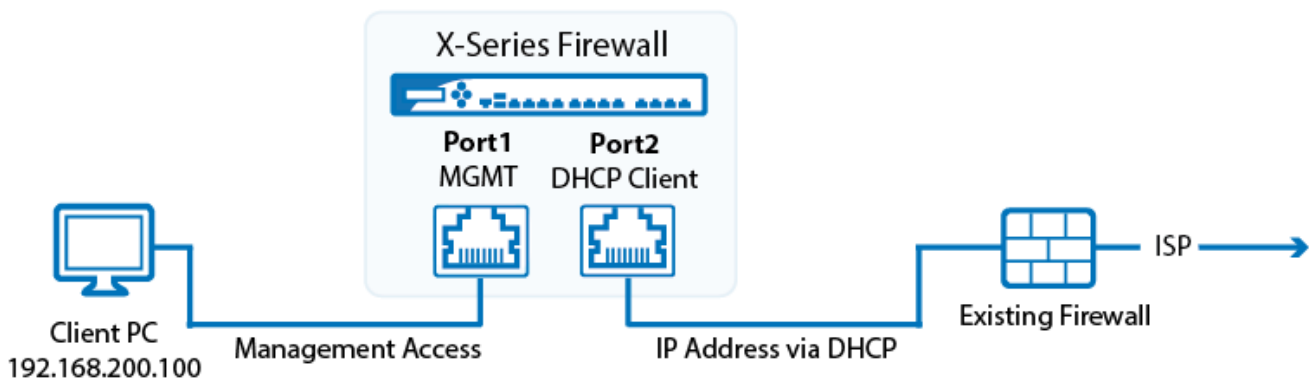
Getting Started

<https://campus.barracuda.com/doc/8650767/>

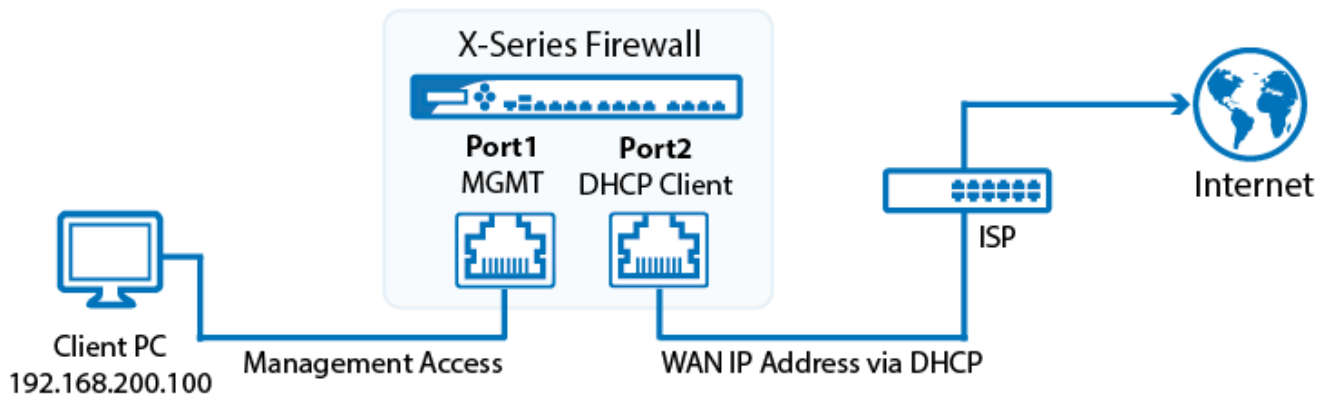
These instructions are an expanded version of the Barracuda NextGen Firewall X-Series Quick Start Guide that was shipped with your appliance. If you have already completed the steps in the Quick Start Guide, go to Step 4.

To get started with your Barracuda NextGen Firewall X-Series, you must complete the activation procedure and integrate the firewall into your existing network. You can also directly replace an existing firewall if your ISP assigns the WAN IP address via DHCP. For all other types of Internet connections, you must first complete activation and basic setup in the existing network. After completing the basic setup wizard, you can evaluate the X-Series Firewall as a firewall, using one of the firewall configuration wizards, or as a remote access gateway, using the Remote Access Gateway wizard.

Barracuda NextGen Firewall X-Series in an Existing Network



Barracuda NextGen Firewall X-Series directly Attached to a DHCP ISP Connection



Video Demo

Watch the video below for a short demo on how to get started with your firewall.



Before You Begin

Unpack the NextGen X-Series Firewall and verify that you have all of the following accessories:

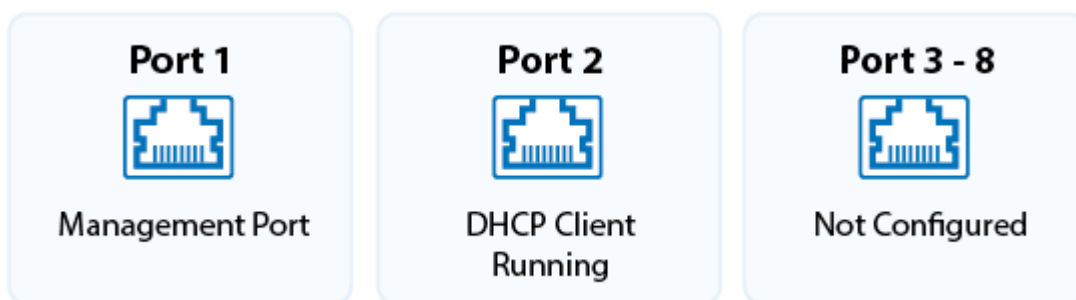
- Barracuda NextGen X-Series Firewall (verify that you have received the correct model)
- AC power cord
- Power supply (X100/X101/X200/X201 only)
- Wi-Fi antenna (X101/X201 only)
- Mounting brackets (X300 and above)
- Ethernet cable

If any items are missing or damaged, contact your Barracuda sales representative.

Step 1. Connect Your PC to the NextGen X-Series Firewall

The number of ports depends on your model. By default, the ports are configured as follows:

- **Port 1:** Management port (access to the management interface)
- **Port 2:** DHCP client
- **Port 3-8:** Not configured



1. Plug in your client PC to **Port 1** of the firewall.
2. Plug in your Internet connection to **Port 2** of the firewall.

The X-Series Firewall must be assigned an IP address by a DHCP server in your network or a DHCP server of your ISP.

Step 2. Set a Static IP Address on the Client PC

Configure your client PC to use the following static IP address configuration for the network interface connected to the firewall:

- **IP Address** - 192.168.200.100
- **Netmask** - 255.255.255.0
- **Gateway** - 192.168.200.200
- **DNS Servers** - Enter DNS servers in your network, or use public DNS servers such as the Google DNS servers 8.8.8.8 and 8.8.4.4.









Windows 8 / 8.1

You must have administrative rights to set the IP address on Microsoft Windows 8 / 8.1.

1. Open the **Control Panel** and click **View network status and tasks**. The **Network and Sharing Center** window opens.

Adjust your computer's settings

View by: [Category](#) ▾

| | |
|---|---|
|  <p>System and Security Review your computer's status Save backup copies of your files with File History Find and fix problems</p> |  <p>User Accounts Change account type</p> |
|  <p>Network and Internet View network status and tasks Choose homegroup and sharing options</p> |  <p>Appearance and Personalization Change the theme Change desktop background Adjust screen resolution</p> |
|  <p>Hardware and Sound View devices and printers Add a device</p> |  <p>Clock, Language, and Region Add a language Change input methods Change date, time, or number formats</p> |
|  <p>Programs Uninstall a program Get programs</p> |  <p>Ease of Access Let Windows suggest settings Optimize visual display</p> |

2. In the **View your active networks** list, click on the name of the network interface connected to the firewall. For example, if you click on **Ethernet**, the **Ethernet Status** window opens.

View your basic network information and set up connections


View your active networks


Domain network

Access type: [Internet](#)

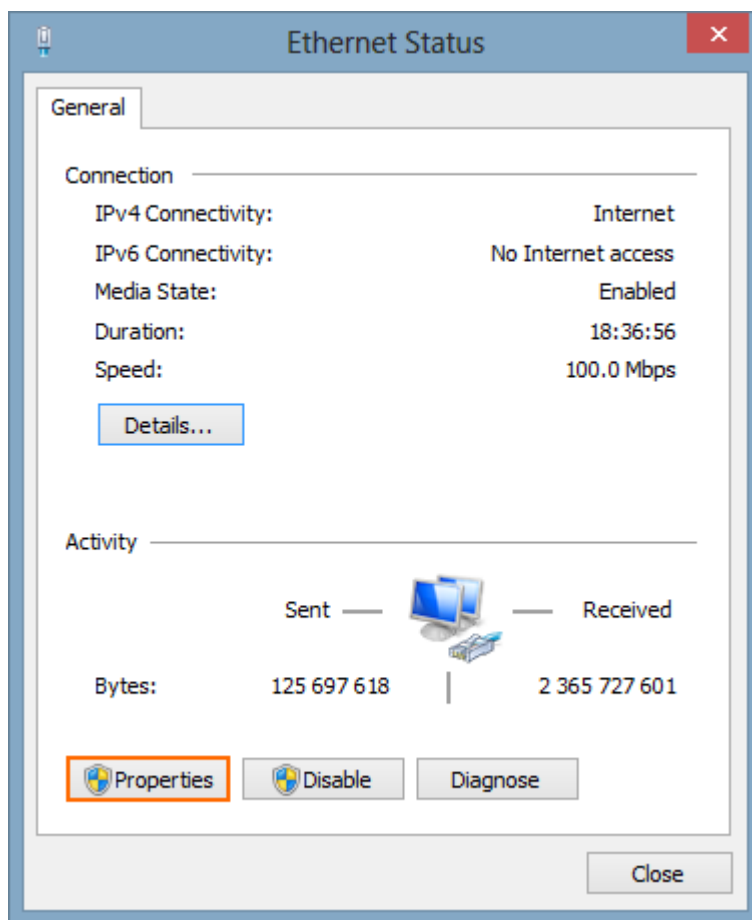
Connections: [Ethernet](#)

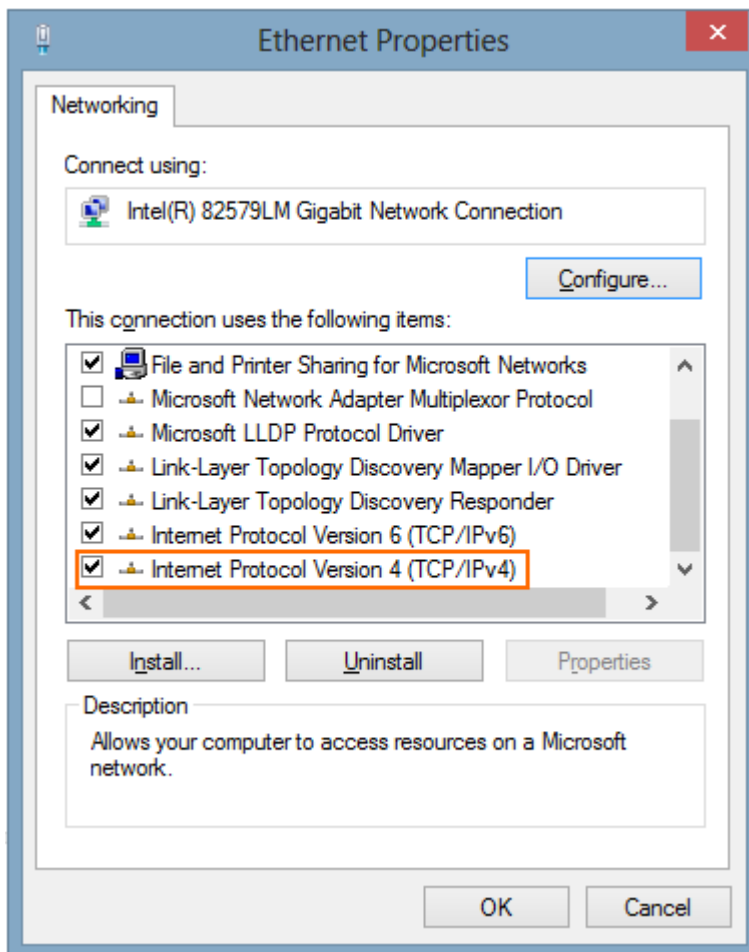
Change your networking settings

 [Set up a new connection or network](#)
 Set up a broadband, dial-up, or VPN connection; or set up a router or access point.

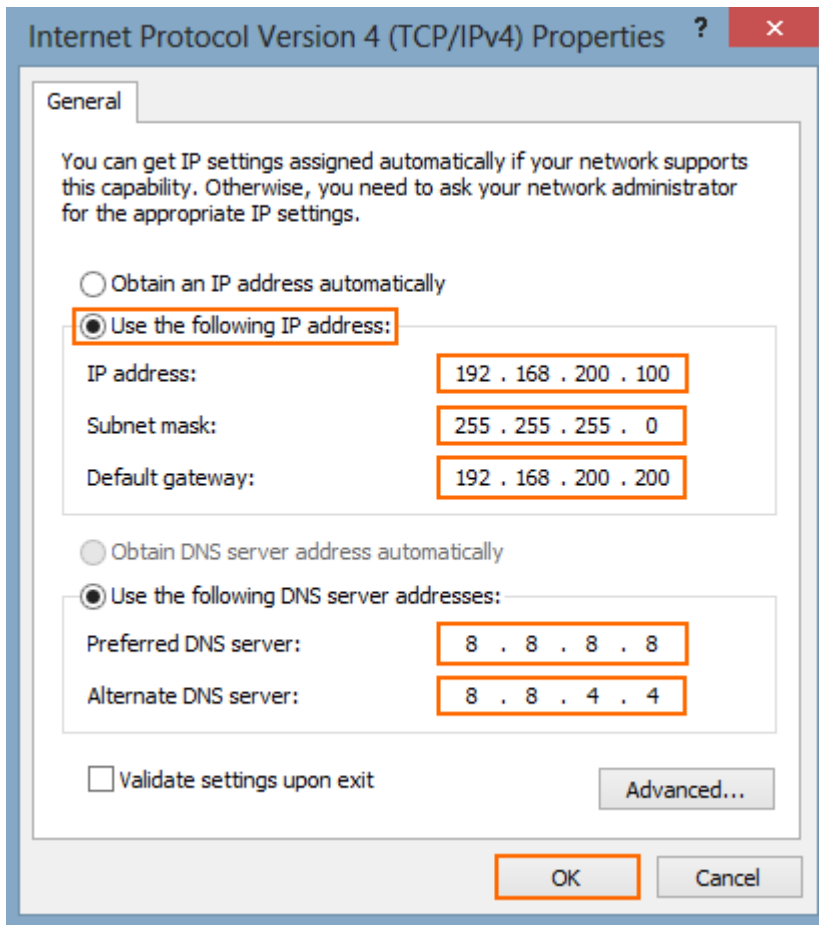
 [Troubleshoot problems](#)
 Diagnose and repair network problems, or get troubleshooting information.

3. Click **Properties** and double-click on **Internet Protocol Version 4 (TCP/IPv4)**. The **Internet Protocol Version 4 (TCP/IPv4) Properties** window opens.





4. Select **Use the following IP address:**. Enter the static IP address, netmask, default gateway, and DNS servers.



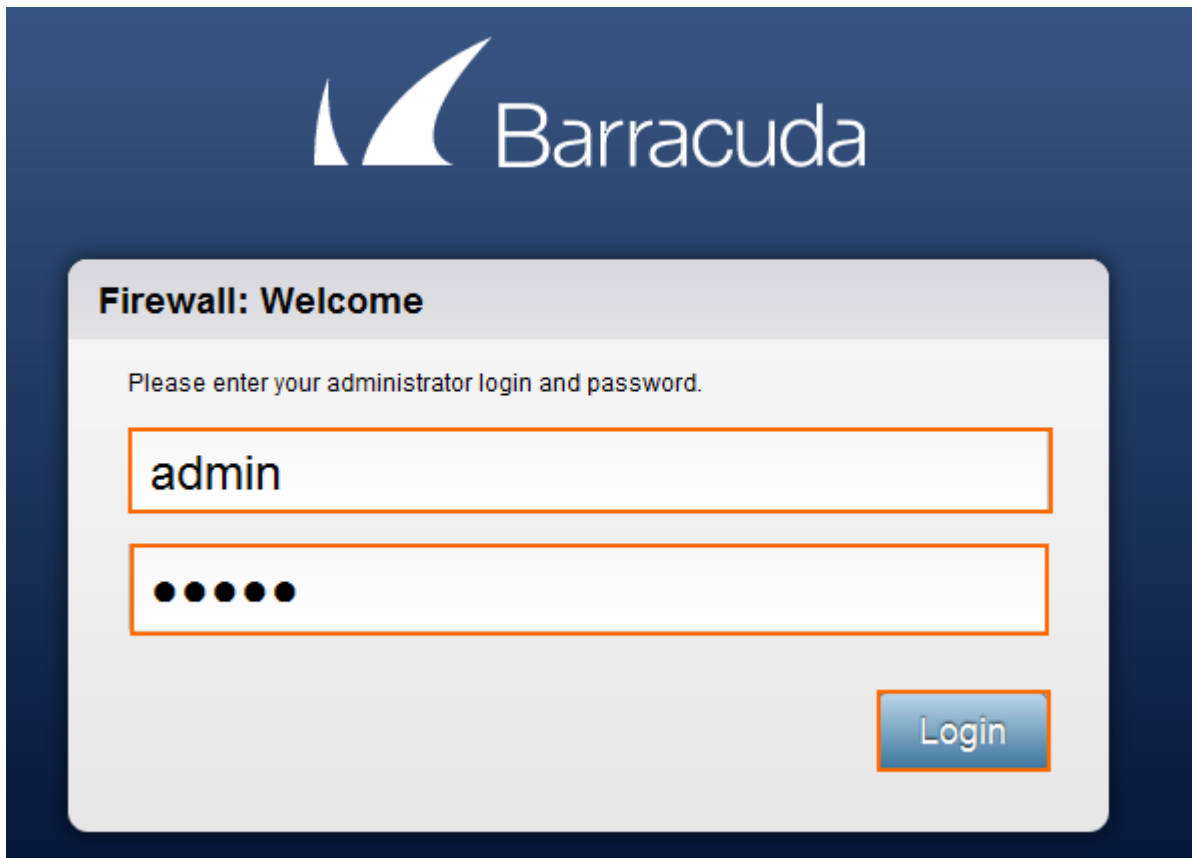
5. Click **OK**.

You are now using a static IP address.

Step 3. Log into the Web Interface

Access the web interface of the X-Series Firewall.

1. Go to <https://192.168.200.200> in your browser.
2. Proceed at the certificate warning.
3. Log into the web interface with the default user credentials:
 - **Default username** - admin
 - **Default password** - admin



4. The **Basic Setup** wizard automatically launches.

Step 4. Complete the Basic Setup Wizard

The basic setup wizard automatically starts when you first log into the firewall.

1. Change the **Password**: The default password is **admin**.
2. Enter the default domain for your network.
3. Enter the **System Contact Email Address**. You will receive emails from Barracuda Central at this email address.
4. Select the **Time Zone**.

Basic Setup : Administration ?

Administration

Old Password:

New Password:

Re-enter New Password:

Default Domain:

The default domain for the system. Example: mydomain.com

System Contact Email Address:

Time Zone:

5. Click **Next**.
6. (optional) Change the **Management IP Address** to match your existing network.
7. (optional) Change the **Management Netmask** to match the management network.
8. Enter the **Primary** and **Secondary DNS Server**.

Basic Setup : IP Settings ?

Administration > IP Settings

Management IP Address:

Choose a free IP address in the local network your PC is currently in. A corresponding LAN will automatically be created on Port 1.

For Example: Existing LAN: 192.168.0.0/24

Management IP: 192.168.0.254

Management Netmask: 255.255.255.0(/24)

Management Netmask:

Select the Netmask of the network the Management IP is in. Default: 255.255.255.0(/24)

Primary DNS Server:

Secondary DNS Server:

Upstream Proxy:

Yes No

Set to 'Yes' if your network segment is behind a web proxy

9. (optional) If the network segment connected to **P2** requires an HTTP proxy to access the

Internet, set **Upstream Proxy** to **Yes**.

- **Proxy Server** - Enter the IP address of your proxy server.
- **Proxy Port** - Enter the port the proxy server is listening on. E.g., 3128
- **(optional) Proxy Username** - Enter the username used to authenticate to the proxy.
- **(optional) Proxy Password** - Enter the proxy password.

| | |
|----------------|---|
| Upstream Proxy | <input checked="" type="radio"/> Yes <input type="radio"/> No |
| | <i>Set to 'Yes' if your network segment is behind a web proxy</i> |
| Proxy Server | <input type="text"/> |
| | <i>IP address or hostname of the web proxy to access the Internet</i> |
| Proxy Port | <input type="text"/> |
| Proxy Username | <input type="text"/> |
| | <i>Optional</i> |
| Proxy Password | <input type="text"/> |
| | <i>Optional</i> |

10. Click **Next**.
11. (optional) Click **Print**.
12. Review your configuration settings and click **Apply Now**.

BASIC SETUP : SUMMARY

Congratulations, you are almost done with the initial configuration of your Barracuda Firewall.

Carefully review the settings below. If these are not correct, use the links at the top of this wizard or the **Previous** button to navigate to the corresponding page and adjust accordingly. Print the new settings using the **Print** button below for future reference. If the settings are correct, click on **Apply**. Applying the settings may take up to 3 minutes, and you will need to log on to the Barracuda Firewall unit again by navigating to its new management IP address.

PLEASE DO NOT POWER OFF THE BARRACUDA FIREWALL MANUALLY DURING THIS OPERATION

```
Administration
New Password: <not set>
Default Domain: doc.org
System Contact Email Address: your@email.address
Time Zone: Europe/Vienna
IP Settings
Management IP Address: 192.168.200.200
Management Netmask: 255.255.255.0 (/24)
Primary DNS Server: 8.8.8.8
Secondary DNS Server: 8.8.4.4
Proxy Server: No
```

If you changed the time zone, the X-Series Firewall will now reboot.

Next Steps

After the reboot, select a wizard for a customized setup, or configure the appliance manually:

Congratulations

The Basic Setup wizard to configure your Barracuda X-Series was successful.

What do you want to do next?

1. Set up your X-Series as a Firewall for evaluation at your desk or test lab. [more...]

Start

2. Set up your X-Series as a Firewall to protect your Network. [more...]

Start

3. Set up your X-Series as a Remote Access Gateway. [more...]

Start

4. Continue directly to the appliance's Graphical User Interface to configure your X-Series manually.

Do not show this again

Close

You can find the wizards for this appliance under [ADVANCED > Wizards](#).

- As a firewall, by completing the configuration wizard matching your use case. For more information, see [Deploy as Firewall](#).
- As a remote access gateway using the Remote Access Gateway wizard. This wizard takes you through the necessary steps to configure a client-to-site VPN. For more information, see [Deploy as Remote Access Gateway](#).

Figures

1. gs_existing_network.png
2. gs_dhcp_isp.png
3. port_diag_no_bridge (2).png
4. GS-Win8-01.png
5. GS-Win8-02.png
6. GS-Win8-03.png
7. GS-Win8-04.png
8. GS-Win8-05.png
9. GS_login01.png
10. wizard_01.png
11. wizard_02.png
12. wizard_03.png
13. wizard_04.png
14. wizard.png

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