Barracuda BX500
Quick Start Guide

BX500

Congratulations on your purchase of the BX500 device. This document is designed to help get you started quickly and easily.

WHAT'S IN THE BOX

Your BX500 purchase includes the following hardware and software.

HARDWARE

The hardware included with your purchase is:

- The BX500 hardware
- One HDMI cable
- One serial console cable (RJ45 to USB)
- A power supply (multi-region)
- A power cord (region-specific)
- The Quick Start Guide

SOFTWARE

The software included with the BX500 device is:

- **The Barracuda XDR Collector**—An Elastic Agent.
- **The Barracuda Intrusion Detection System (IDS)**—Based on Suricata.
- **The Conscof**—A local console configuration screen. This tool is used if you want to configure the DHCP address statically.
- **The Webconscof**—A web UI for configuration and support tunnel access. This tool is used in the activation process.
- **Patchsystem**—A patching tool.
- **Update.pl**—A firmware update tool.
- **Recovery**—A took to restore to manufacturing defaults.
- **Hubble**—A health and system information.
- **Support Tunnel**—A tool to allow Barracuda XDR support to perform tasks remotely.

TECHNICAL SPECIFICATIONS

DIMENSIONS

NOTE The BX500 device can be rack mounted, but rack mounting is not required.

Width	11.81 in/300 mm
Height	1.73 in/44 mm
Depth	8.58 in/218 mm
Weight	5.1 lb/2.3 kg

HARDWARE

CPU	Core count 4
Memory	8GB
Ethernet	2x 1G RJ45
Storage	250GB SSD
Power	60 W, 100-240 V

PORTS USED

Port access is outbound only from the Barracuda Networks appliance onsite to the public cloud. Resources from the public cloud cannot access your environment.

Telemetry information is sent to:

backfeed.barracuda.com	443
airlockstatic.nap.aws.cudaops.com	80, 443
airlock.nap.aws.cudaops.com	80, 443
3.18.232.73	80, 443
a96190b49bd294a5fbb3725ff20aab78-c7f64fe7557a87d2.elb.us-east-1.amazonaws.com	5044
5e9a5096e0a4f7782cc444c8edbbd5e.fleet.us-east-1.aws.found.io	443
artifacts.elastic.co	443

The following ports are used by Update Servers:

updates.cudasvc.com	80, 8000, 443
cnt12.upd.cudasvc.com	80, 8000
cnt13.upd.cudasvc.com	80, 8000
cnt14.upd.cudasvc.com	80, 8000
cnt15.upd.cudasvc.com	80, 8000
cnt20.upd.cudasvc.com	80, 8000
cnt21.upd.cudasvc.com	80, 8000

IMPORTANT

For important additional information on how ports are used for updates, visit Required Outbound Connections for Barracuda Networks Appliances at https://campus.barracuda.com/doc/172884329/.

INITIAL SETUP

Once you have unboxed the BX500, do the following procedures:

- To connect the BX500
- To log in to the BX500 device
- To enable integrations in the XDR Dashboard
- To enroll the BX500 device

TO CONNECT THE BX500

Port 1 automatically obtains an IP address through DHCP once it is connected. Connect Port 2 to a SPAN/mirror port on your core switch.

1. Connect Port 1 to an Ethernet port on your core switch.
2. Connect Port 2 to a SPAN/mirror port on your core switch

TO LOG IN TO THE BX500 DEVICE

The BX500 Webconscof interface provides access to the necessary information and features for using the BX500 device. The interface can be accessed by navigating to the primary IP address of Port 1 on the BX500 device using a web browser.
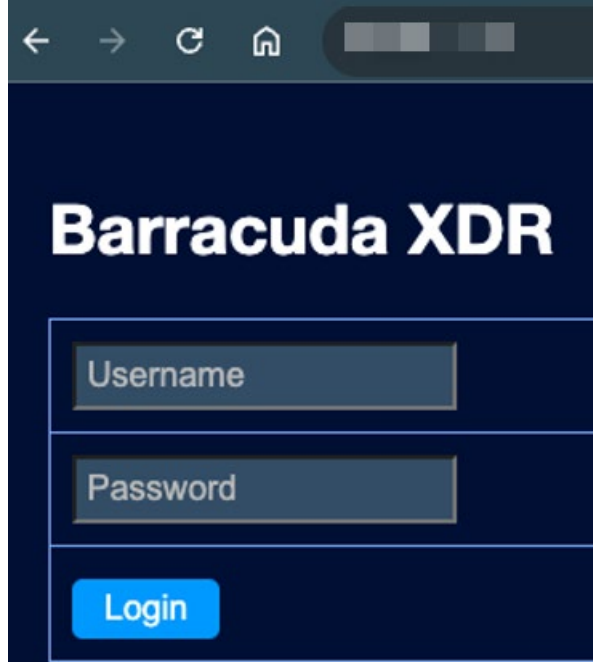
NOTE To set the DHCP address statically, see Changing the default DHCP address.

1. Identify the primary IP address of Port 1 on the BX500 by doing one of the following:
   - Run an IP scan.
   - Check your DHCP server.
2. Open a browser and navigate to the primary IP address of Port 1 identified in the previous step.
   NOTE The browser opens the **Webconscof**.
3. Log in using the following:
   - **Username** – Your Admin user name

■ **Password** – The serial number of your BX500.

4. Click **Login**.

    BEST PRACTICE We highly recommend changing your password. You can do this by clicking **Change password** in the **Admin** row of the table.

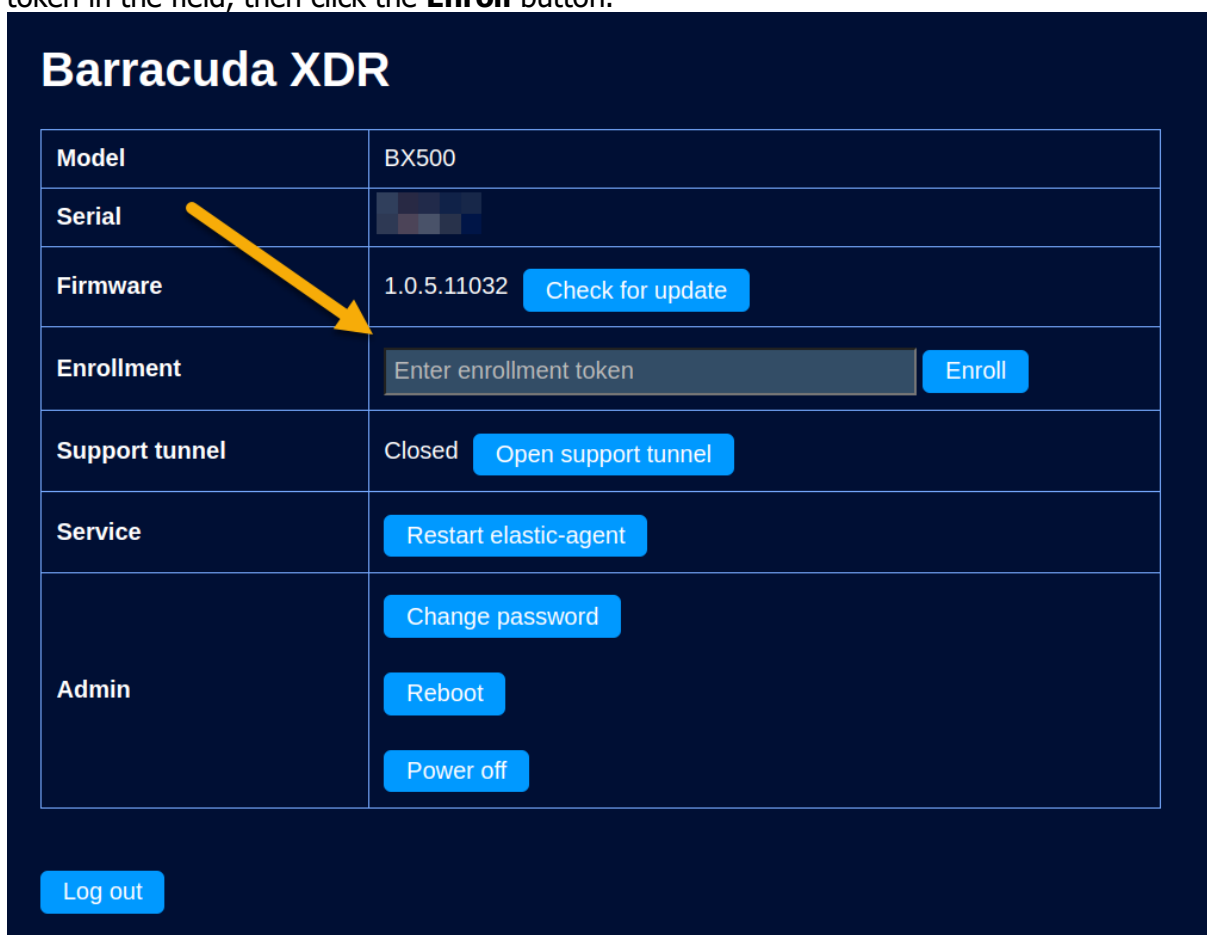## TO ENABLE INTEGRATIONS IN THE XDR DASHBOARD

In the **Barracuda XDR Dashboard**, enable the appropriate firewalls for your environment. You must also enable Barracuda IDS, which is already on the BX500 device.

1. On the same device as you the previous procedure, log in to the **Barracuda XDR Dashboard**.
2. Navigate to **Administration** > **Integrations**.
3. On the product card for your firewall, click **Setup**.
4. Select the appropriate options, then click **Save**.
5. On the **Barracuda IDS Collector** card, click **Setup**.
6. Select the **Enabled** check box.
7. Click **Save**.

To ENROLL THE BX500 DEVICE

To enroll the BX500 device, copy the enrollment token from the Barracuda XDR Dashboard, then paste it in the BX500 interface.

1. In the **Barracuda XDR Dashboard**, navigate to **Infrastructure** > **Collectors**.
2. Click the **Action** button.
3. Copy the enrollment token.
4. Return to your BX500 interface and, in the **Enrollment** row, paste the enrollment token in the field, then click the **Enroll** button.

Once you click **Enroll**, the device registers with the Barracuda XDR fleet server. Once that is complete, the BX500 begins to listen for logs. All the appropriate ports have already been opened.

CHANGING THE DEFAULT DHCP ADDRESS

Port 1 on the BX500 device is configured to obtain a DHCP address dynamically. If you want to set the default DHCP address statically, follow the procedure below.

TO SET THE DEFAULT DHCP ADDRESS STATICALLY

- Do one of the following:
    - Connect a keyboard and monitor to the BX500 device. The **conscof** starts automatically. Log in and set the address.
    - Contact Enablement, who can set the address, or
    - Follow To set the default DHCP address through the console administration interface procedure below.

## TO SET THE DEFAULT DHCP ADDRESS THROUGH THE CONSOLE ADMINISTRATION INTERFACE

Note: The BX500 does not include a VGA port. If you know the IP address assigned to the appliance via DHCP, you can use a web browser to log into the appliance locally and change the IP address settings on the **Device Information** page.

Alternatively, to specify a static IP, use a console cable (USB to RJ45 recommended) and terminal application/emulator to open the console administration interface.

Requirements

- **Console Settings/Baud Rate**: 115200/8-N-1
- **Username**: admin
- **Password**: Appliance serial number (numeric value only)
- **A terminal emulator**. In this example, PuTTY is used as the terminal emulator. Any similar terminal application will work.

1. Plug in your USB to Serial/RJ45 adapter, and determine its COM port number by starting the Windows Device Manager (a driver must have previously been installed for the adapter).

2. Do one of the following:

    - **Start** > **Control Panel** > **Device Manager**.
    - Right-click **My Computer**, and select **Properties** > **Device Manager**.

3. Expand **Ports (COM & LPT).**
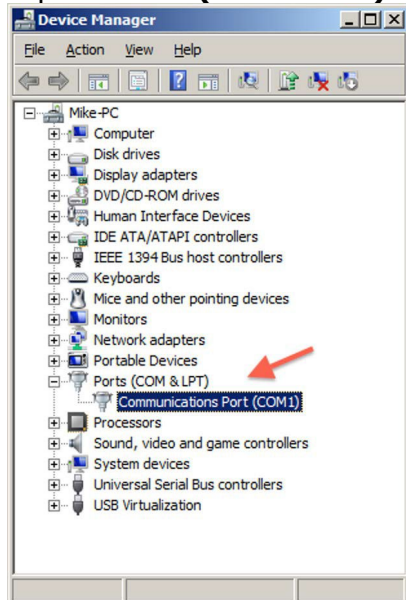
4. Open PuTTY. Select the **Connection** > **Serial** category. Ensure the following
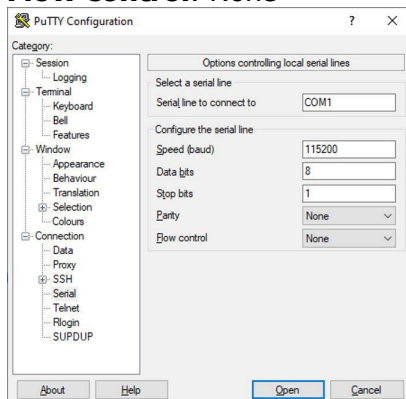settings are correct:
Serial Line: COM1
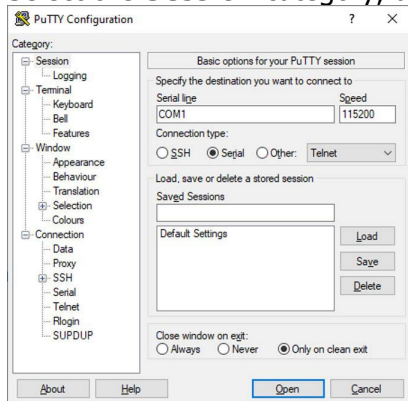**Speed (baud)**: 115200
Data bits: 8
Stop bits: 1
Parity: None
Flow control: None

5. Select the **Session** category, and in the **Connection type** area, select **Serial**.

6. To save this session, enter a name under **Saved Sessions** and click **Save**.
   This ensures that you have quick access to your commonly used sessions.
   Settings are saved within PuTTY so copying the application to a different machine will also copy your saved sessions.
7. Click **Open** to start a new serial session.
8. Once a connection is made, you will be prompted for the username and password:
   Username: admin
   Password: Appliance serial number (numeric value only)
9. Use keyboard arrows and commands to navigate the Barracuda Backup console interface. For more on the console interface, see Barracuda Console at https://campus.barracuda.com/doc/171943238/.