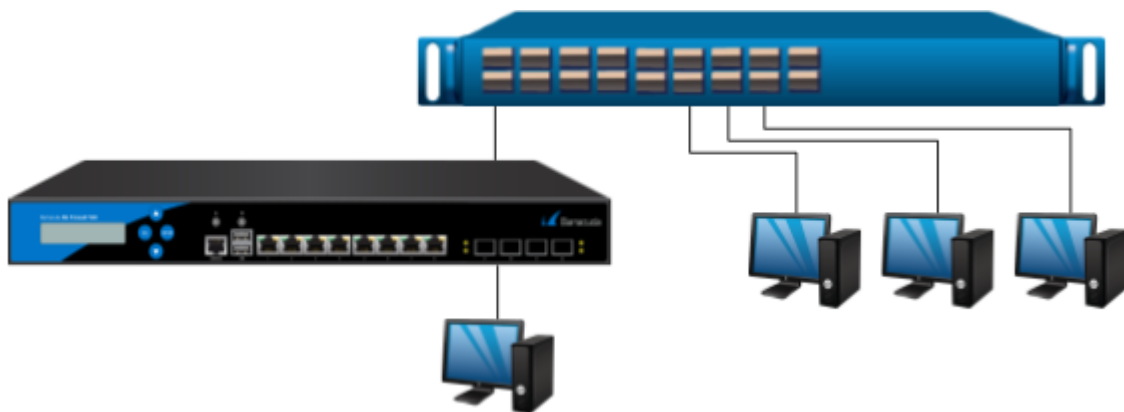


## Best Practice - Evaluate or Demo the Barracuda NG Firewall

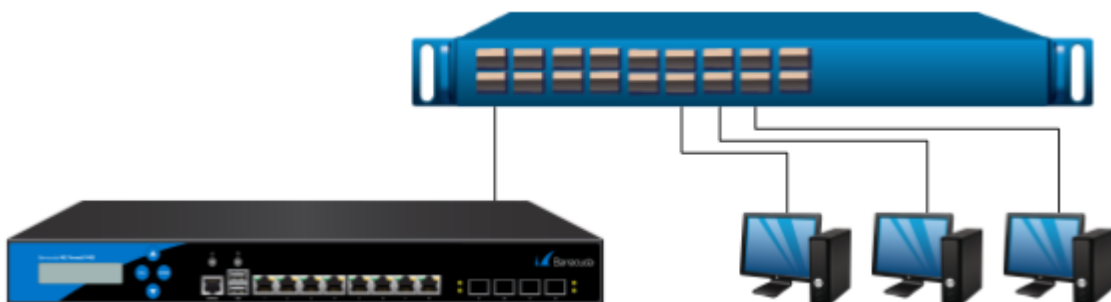
<https://campus.barracuda.com/doc/43221949/>

Barracuda NG Firewalls can be evaluated or used for demo purposes in two different ways:

- **Transparent Bridging Mode (Inline)** - The Barracuda NG Firewall is deployed inline between a computer on your network and the Internet. Since the device acts as a transparent network bridge, no adjustments on the computer or the network are necessary. The Barracuda NG Firewall transparently monitors network traffic between the computer and the Internet.



- **Port Monitoring (Parallel)** - If your network switch offers port mirroring functionality, you can connect an unused network interface of your Barracuda NG Firewall to the mirroring port of your network switch.



### Deploying your Barracuda NG Firewall in Transparent Bridging Mode

When initially connecting to your Barracuda NG Firewall, the unit launches a configuration wizard that guides you through the basic setup. To evaluate or demo the Barracuda NG Firewall, select the **Transparent Bridging Evaluation Mode**. The setup wizard configures the Barracuda NG Firewall

---

with a transparent network bridge between **PORT1** and **PORT2** to monitor network traffic between a PC and the corporate network.

## Deploying your Barracuda NG Firewall for Port Mirroring

---

Choose an unused port of your Barracuda NG Firewall to be connected to the mirroring port of your network switch. In the following example, *port3* is used for monitoring purposes. Connect to the Command Line Interface of your unit and execute the commands below to enable port3. Then set to Promiscuous mode and enable Port Monitoring mode.

```
ifconfig port3 up
```

```
ifconfig port3 promisc
```

```
acpfctrl monitor set port3 on
```

Note that this is only a temporary configuration and will be removed if the Barracuda NG Firewall is rebooted. However, if port monitoring should be available permanently, add the commands as an **Activation Command** to the **User Scripts (CONFIGURATION > Network > User Scripts)** (Advanced Configuration Mode)

## Figures

1. NGtransparentbridge.png
2. NGportmirror.png

© Barracuda Networks Inc., 2019 The information contained within this document is confidential and proprietary to Barracuda Networks Inc. No portion of this document may be copied, distributed, publicized or used for other than internal documentary purposes without the written consent of an official representative of Barracuda Networks Inc. All specifications are subject to change without notice. Barracuda Networks Inc. assumes no responsibility for any inaccuracies in this document. Barracuda Networks Inc. reserves the right to change, modify, transfer, or otherwise revise this publication without notice.