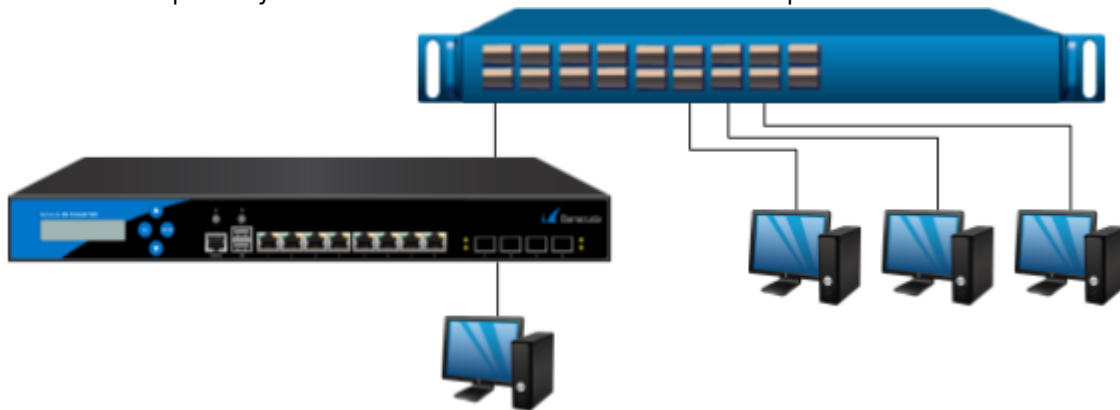




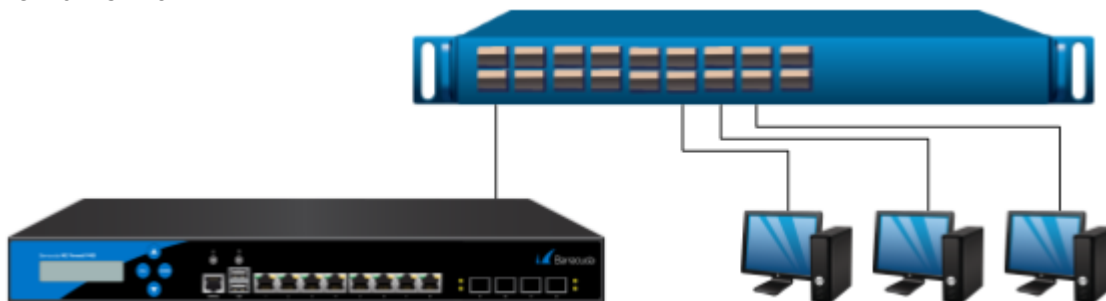
Best Practice - Evaluate or Demo the Barracuda F-Series Firewall

Barracuda NextGen F-Series Firewalls can be evaluated or used for demo purposes in two different ways:

- **Transparent Bridging Mode (Inline)** - The Barracuda NextGen Firewall F-Series 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 NextGen Firewall F-Series 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 NextGen Firewall F-Series to the mirroring port of your network switch.



Deploying your Barracuda NextGen Firewall F-Series in Transparent Bridging Mode

When initially connecting to your Barracuda NextGen Firewall F-Series, the unit launches a configuration wizard that guides you through the basic setup. To evaluate or demo the Barracuda NextGen Firewall F-Series, select the **Transparent Bridging Evaluation Mode**. The setup wizard configures the Barracuda NextGen Firewall F-Series with a transparent network bridge between **PORT1** and **PORT2** to monitor network traffic between a PC and the corporate network.

Deploying your Barracuda NextGen Firewall F-Series for Port Mirroring

Choose an unused port of your Barracuda NextGen Firewall F-Series 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. To see which Application Control features can be used in port mirroring mode, see [the features comparison table for transparent layer 2 bridges](#).



```
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 NextGen Firewall F-Series 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)

