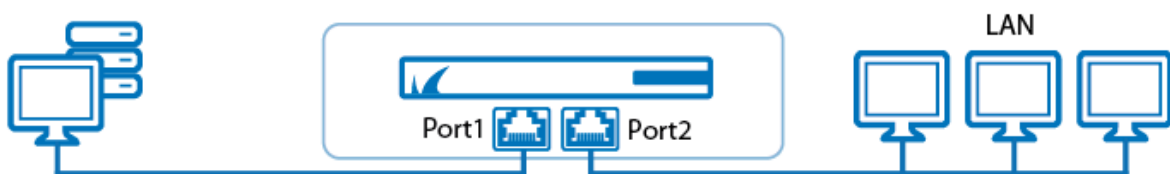


Best Practice - Evaluate or Demo the Barracuda CloudGen Firewall

<https://campus.barracuda.com/doc/73718980/>

The Barracuda CloudGen Firewall can be set up for demo purposes in two different ways:

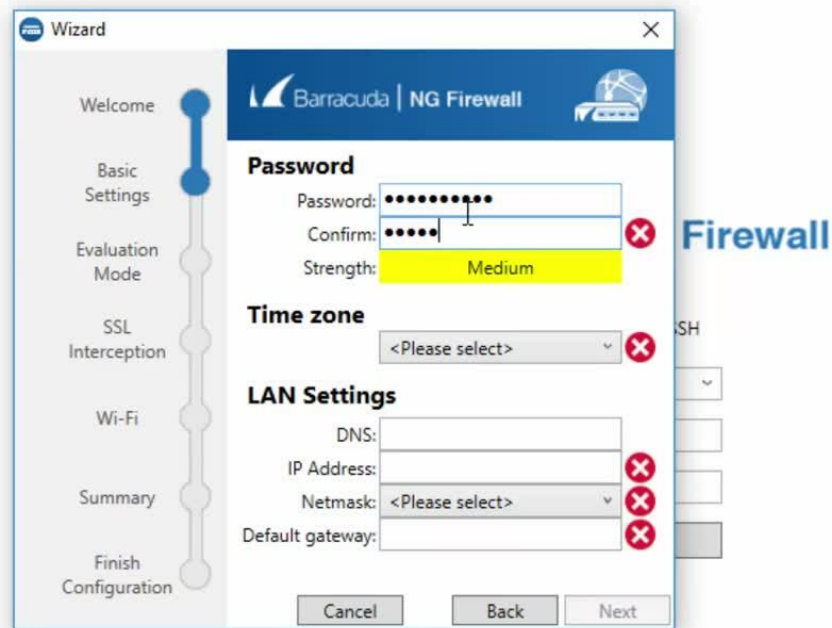
- **Transparent bridging mode** – The Barracuda CloudGen Firewall is deployed inline between a computer on your network and the Internet. Since the device acts as a transparent network bridge, no adjustments on the computer or the network are necessary. The Barracuda CloudGen Firewall transparently monitors network traffic between the computer and the Internet.



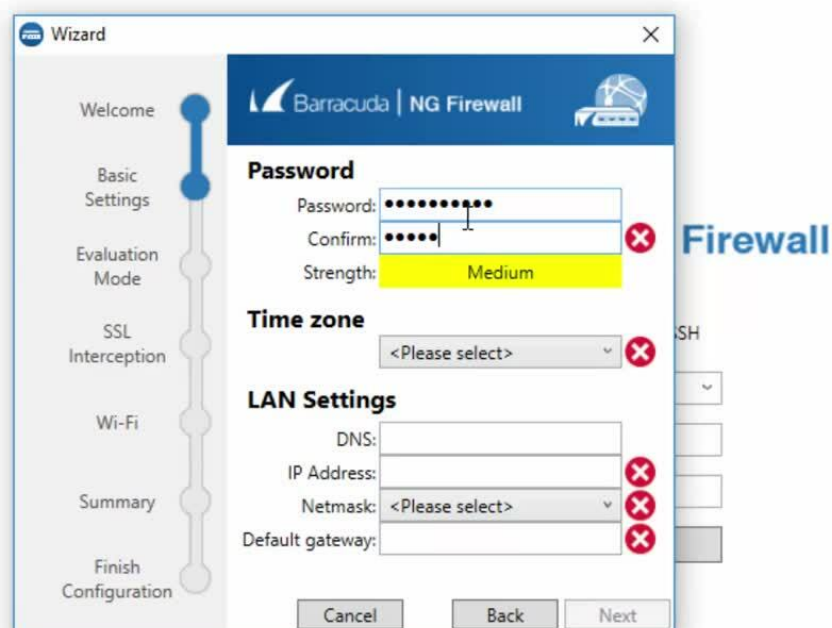
- **Port monitoring** – If your network switch offers port mirroring functionality, you can connect an unused network interface of your Barracuda CloudGen Firewall to the mirroring port of your network switch.



Transparent Bridging Mode



The image shows the 'Basic Settings' step of the Barracuda NG Firewall Wizard. The left sidebar lists the steps: Welcome, Basic Settings (active), Evaluation Mode, SSL Interception, Wi-Fi, Summary, and Finish Configuration. The main content area has a blue header with the Barracuda logo and 'NG Firewall'. Below the header, there are three sections: 'Password', 'Time zone', and 'LAN Settings'. The 'Password' section has fields for 'Password' and 'Confirm' (both masked with dots), a 'Strength' indicator showing 'Medium' in a yellow box, and a red 'X' icon. The 'Time zone' section has a dropdown menu set to '<Please select>' and a red 'X' icon. The 'LAN Settings' section has fields for 'DNS', 'IP Address', 'Netmask' (dropdown set to '<Please select>'), and 'Default gateway', each with a red 'X' icon. At the bottom are 'Cancel', 'Back', and 'Next' buttons. To the right of the wizard window, the word 'Firewall' is written in large blue text, and a vertical stack of buttons is partially visible, including 'SSH'.



This is an identical duplicate of the screenshot above, showing the 'Basic Settings' step of the Barracuda NG Firewall Wizard. It includes the same sidebar, header, and configuration fields for Password, Time zone, and LAN Settings, with the 'Firewall' text and button stack visible on the right.

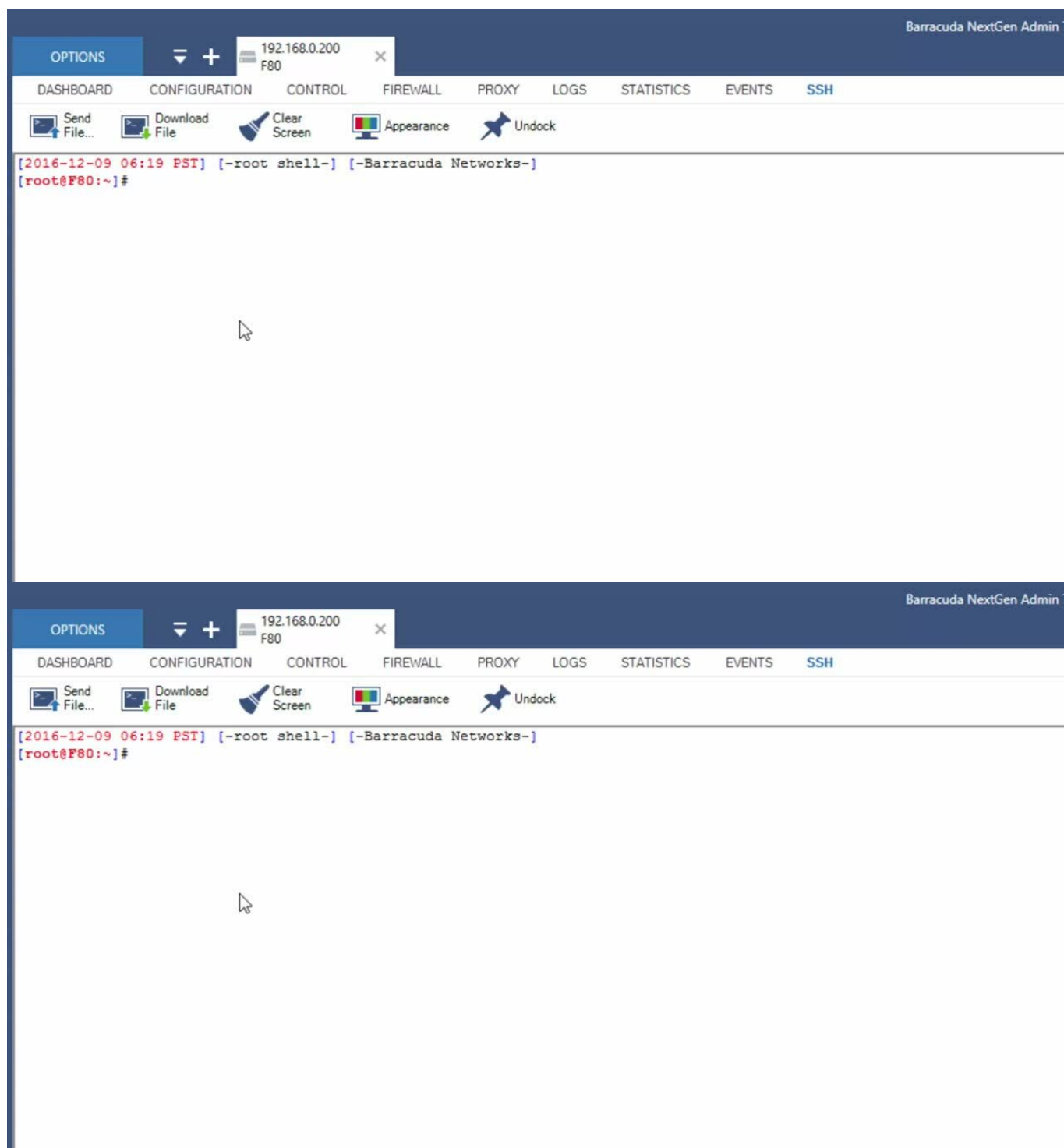
Videolink:

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

When initially connecting to your Barracuda CloudGen Firewall, the firewall launches a configuration

wizard to guides you through the basic setup tasks. To evaluate or demo the firewall, select the **Transparent Bridging Evaluation Mode**. The setup wizard configures a transparent network bridge between **PORT1** and **PORT2** to monitor network traffic between a client and the corporate network.

Port Mirroring



Videolink:

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

Choose an unused port of your Barracuda CloudGen 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. To see which Application Control features can be used in Port Mirroring mode, see [the features comparison table for transparent layer 2 bridges](#).

```
acpfctrl monitor set port3
```

```
acpfctrl monitor show
```

Note that this is only a temporary configuration and will be removed if the Barracuda CloudGen 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. fw_local_br_setup.png
2. fw_local_br_pmonitor.png

© Barracuda Networks Inc., 2024 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.