

Configuring IP Passthrough with a SonicWall Firewall

This document presents procedures for configuring the SonicWall firewall to work with passthrough.

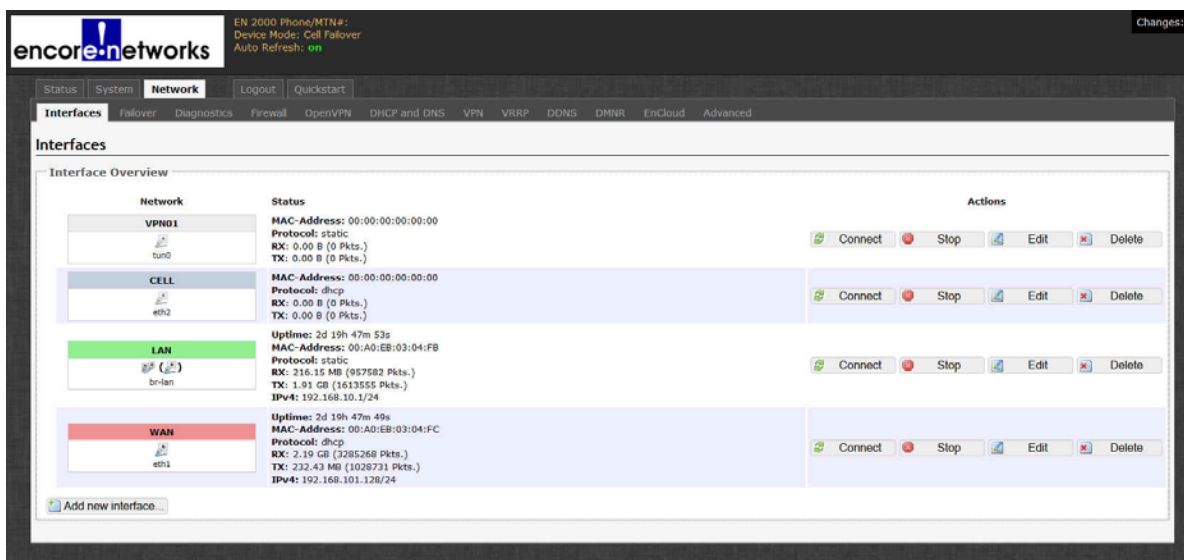
After setting up the EN™ router's standard configuration, perform the procedures in the following sections:

- [Section 11.1, Configuring the EN™ Router's LAN Port](#)
- [Section 11.2, Configuring the SonicWall Device](#)

11.1 Configuring the EN™ Router's LAN Port

- 1 In the EN™ router's management system, select the tab for **Network**; then select the tab for **Interfaces**.
 - » The Table of Network Interfaces is displayed ([Figure 11-1](#)).

Figure 11-1. Table of Network Interfaces



- 2 On the screen, select the **Edit** button near the right end of the row for the LAN interface.

» The General Settings for LAN Configuration Screen is displayed (Figure 11-2).

Figure 11-2. General Settings for LAN Configuration Screen

The screenshot shows the Encore Networks web interface for configuring a LAN interface. The top navigation bar includes 'Status', 'System', 'Network', 'Logout', and 'Quickstart'. The main content area is titled 'Interfaces - LAN' and contains three sections:

- Common Configuration:** Includes 'General Setup', 'Advanced Settings', and 'Physical Settings' tabs. The 'General Setup' tab is active, showing fields for Protocol (Static address), IPv4 address (192.168.10.1), IPv4 netmask (255.255.255.0), IPv4 gateway, IPv4 broadcast, and Use custom DNS servers. A status box shows 'Uptime: 2d 19h 49m 26s', 'MAC-Address: 00:A0:EB:03:04:FB', 'RX: 216.18 MB (957885 Pkts.)', 'TX: 1.91 GB (1613917 Pkts.)', and 'IPv4: 192.168.10.1/24'.
- DHCP Server:** Includes 'General Setup' and 'Advanced Settings' tabs. The 'General Setup' tab is active, showing a checkbox for 'Disable DHCP for this interface.' (unchecked), 'Start' (100), 'Limit' (150), and 'Leasetime' (12h).
- Static Leases:** A table with columns for 'Hostname', 'MAC-Address', and 'IPv4-Address'. The table is empty, and a message below it says 'This section contains no values yet'.

At the bottom right, there are buttons for 'Reset', 'Save', and 'Save & Apply'.

- 3 On the General Settings for LAN Configuration Screen, change the LAN IP address from 192.168.10.1 to 166.a.b.1. (**Note:** The last octet is 1.) This will be your new local management address.
- 4 Set the subnet mask to 255.255.255.0.
- 5 Click the **Save and Apply** button (in the lower right corner of the screen).
 - » The changes are made, and the Network Interface screen is redisplayed.

11.2 Configuring the SonicWall Device

Note: The device discussed in this section is not a device of Encore Networks, Inc. Confer with that device's vendor for information about that product.

- 1 On the SonicWall firewall, configure the network port (the port that is connected to the EN™ router's LAN port that was configured in [Section 11.1, Configuring the EN™ Router's LAN Port](#)) with the IP address 166.a.b.c (the Verizon Wireless static address) and the gateway address 166.a.b.1.
- 2 Configure the MTU to 1400 or less.
- 3 Save the SonicWall device's configuration.