To operate Netropy Network Emulators through their browser-based GUI, the dedicated Ethernet management interface must first be configured with an appropriate IP address and subnet mask. For convenience, the management interface comes pre-configured with an IP address of 10.0.0.10, and is accessible from a directly-connected host on the 10.0.0.0/255.0.0.0 subnet. The IP address and subnet mask of the management interface can be changed either through the Netropy GUI or through the command-line interface accessed via the serial console.

### Preparation

Management of the Netropy Network Emulator through the GUI requires a PC running a web browser with Flash version 10 or later installed.

Initial configuration of the management interface requires either:
- a PC running a supported web browser that can be configured and placed on the 10.0.0.0/255.0.0.0 network.
- a PC with an RS-232 serial port running terminal emulation software such as HyperTerminal or PuTTY.

### Hardware Installation

The Netropy appliance is designed for installation in a standard 19” rack. See the Hardware Guide for your specific model for rack-mount installation instructions.

Plug either one or two standard power cords into the Netropy, depending on your model, and turn on the power (either a U.S. standard or U.S. Y-power cable is supplied with each unit). The system will be available for use within 1-4 minutes.

### IP Address Configuration via the Netropy GUI

1. Configure a PC running a supported web browser with the IP address 10.0.0.2 or other address on the 10.0.0.0/255.0.0.0 subnet.
2. Connect an Ethernet cable between the PC and the MGMT port on the front of the Netropy.
3. Open the browser on the PC and enter `http://10.0.0.10` in the address bar.
4. Review the License Agreement. The Netropy GUI will be displayed once the License Agreement is accepted.
5. Click on the Administration link at the top of the page and select the Network Settings tab. Set the IP address, subnet mask, and optional default gateway for the management interface, then click the *Apply Changes* button.
6. After the management interface has been configured, use the Ethernet cable to connect the MGMT port of the Netropy to the management network.
Install the Netropy between two LAN segments connected to Ports 1 and 2 as shown in the diagram. (Some models include four separate pairs of ports, or Emulation Engines, each of which acts as an independent emulation system. Simply connect to each set of ports and repeat these steps to set up each engine).

On the GUI, click on the arrow labeled “Unnamed Path” to bring up the Path Configuration window. Change the name of the path if desired.

On the left-side WAN Access column, configure the bandwidth, background utilization, queuing, and other parameters for packets entering the WAN from Port 1, and optionally, for packets inbound to the LAN from the WAN. On the right-side WAN Access column, configure these parameters for packets entering and exiting the WAN from Port 2.

On the WAN column, set the Delay and Jitter, Loss, and other parameters for the traversal of the packets across the WAN cloud or line.

When complete, press the Apply Changes button and close the Path Configuration window to return to the main screen. Press the Emulation On button to start the Emulation Engine.

To emulate multiple paths, each with their own independent emulation parameters, click Add Path to create additional paths, configure each path as described above, then click Packet Classifier to direct traffic onto individual paths by IP address range, VLAN, or other packet identifier.

For additional details on installation or configuration, refer to the Netropy User’s Guide or click the Help link at the top of the GUI.

**REGISTRATION**

For access to firmware upgrades, documentation, and other support materials, register your unit on-line at: