



The Linktropy Mini WAN Emulators are managed through a browser-based GUI over an Ethernet connection to a dedicated management interface. Prior to operation, this management interface must be configured with appropriate network settings, either through the Linktropy GUI or through a command-line interface accessed via the serial console. For convenience, the management interface comes preconfigured with an IP address of 10.0.0.10, and the GUI is accessible from a directly-connected host on the 10.0.0.0/255.0.0.0 subnet.

Preparation

Management of the Linktropy Mini WAN Emulator requires a PC running a supported web browser (IE, Firefox, Chrome or Safari). JavaScript must be enabled.

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

Linktropy Mini appliances are designed for use on a desktop.

Plug in the supplied power adapter to the DC power input on the unit. The Power LED on the front panel will glow green. The system will be available for use within 60 seconds.

IP Address Configuration via the Netropy GUI

- ❶ 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.
- ❷ Connect an Ethernet cable between the PC and the MGMT port on the front of the Linktropy Mini.
- ❸ Open the browser on the PC and enter `http://10.0.0.10` in the address bar.
- ❹ Review the License Agreement. The Linktropy Mini GUI will be displayed once the License Agreement is accepted.
- ❺ The Linktropy Mini GUI will open to the Device Settings tab. If desired, modify the IP address, netmask, and default gateway for the management interface. Click the *Apply Changes* button when done.
- ❻ After the management interface has been configured, use the Ethernet cable to connect the MGMT port of the Linktropy Mini to the management network.

IP Address Configuration via the Serial Console

Using the provided DB-9 cable, connect the serial port of a PC running terminal emulation software to the CONSOLE port of the Linktropy Mini-G. Set the serial port parameters to 9600 baud, 8 bits, no parity, 1 stop bit, and disable flow control. For more details on connecting to the serial console, see the Linktropy Mini-G Hardware Guide.

Press [ENTER] to display a login prompt. At the prompt, log in as “admin”.
There is no password.

```
linktropy mini login: admin
```

Use the following commands to set the IP address, IP netmask, and default gateway of the Linktropy Mini-G management interface:

```
mgmt set addr <ip-address> netmask <mask>  
mgmt set gw <default-gateway>
```

IP addresses and netmasks are entered in dotted-decimal format. For example:

```
linktropy> mgmt set addr 192.168.1.1 netmask 255.255.255.0
```

Operation

Install the Linktropy Mini between two LAN segments as shown in the diagram. By default, the Linktropy Mini acts as a bridge between the Ethernet segments connected to the LAN A and LAN B ports. Frames received on one port are subjected to the emulated WAN conditions before being forwarded to the opposite port.



Emulation conditions for the WAN link are configured in the Linktropy Mini GUI and operate independently in each direction. To set the emulation parameters, use a web browser to connect to the Linktropy Mini GUI at the configured management address. All emulation parameters are found on the Link Emulation tab. Emulation is disabled until the “On/Off” button at the top of the screen is pressed. See the *User’s Guide* for your specific model for more details on the Linktropy Mini emulation parameters or click the ⓘ buttons on the GUI for information on specific parameters.

REGISTRATION

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

<http://www.apposite-tech.com/register.html>.