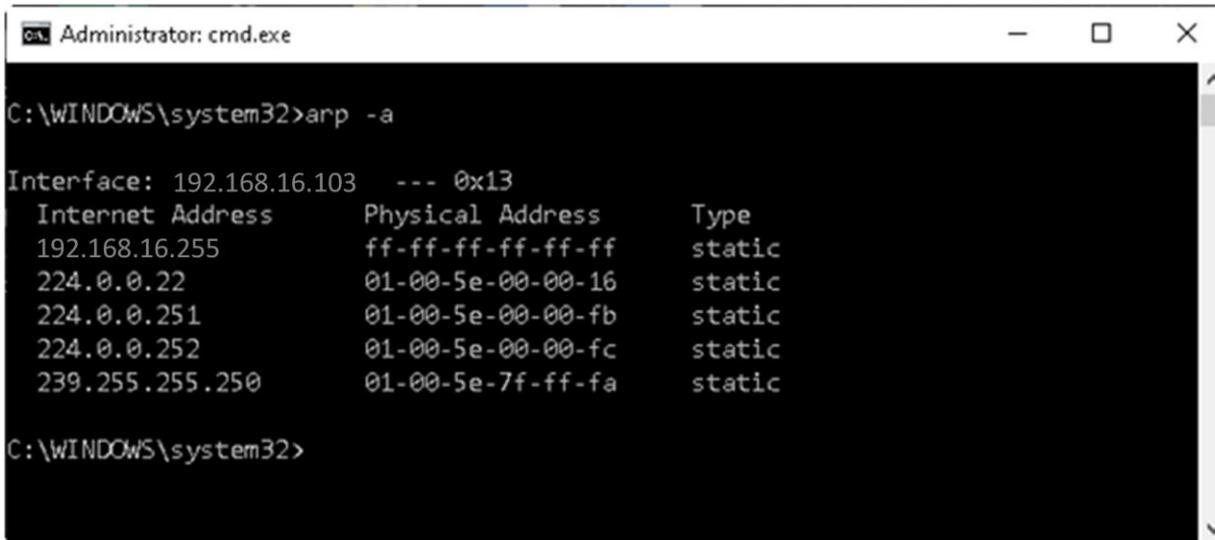


# Recovering an LS-28-48-68 from DHCP Mode When No DHCP Server is Available

If you inadvertently programmed the LS-28/48/68 to the **DHCP** Mode on a Network with no DHCP Server present on your network, you will find that you are unable to locate your LS-28/48/68 IP address on the Network using the **arp -a** command line window.



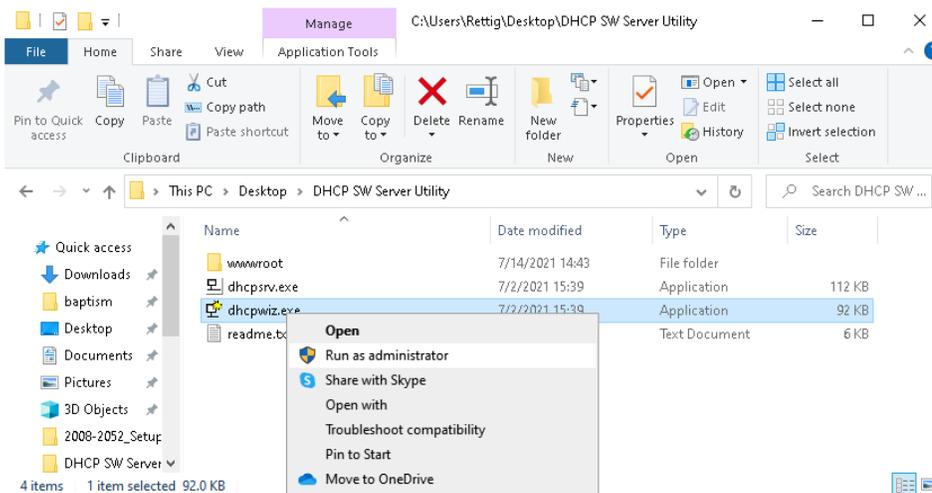
```
Administrator: cmd.exe
C:\WINDOWS\system32>arp -a

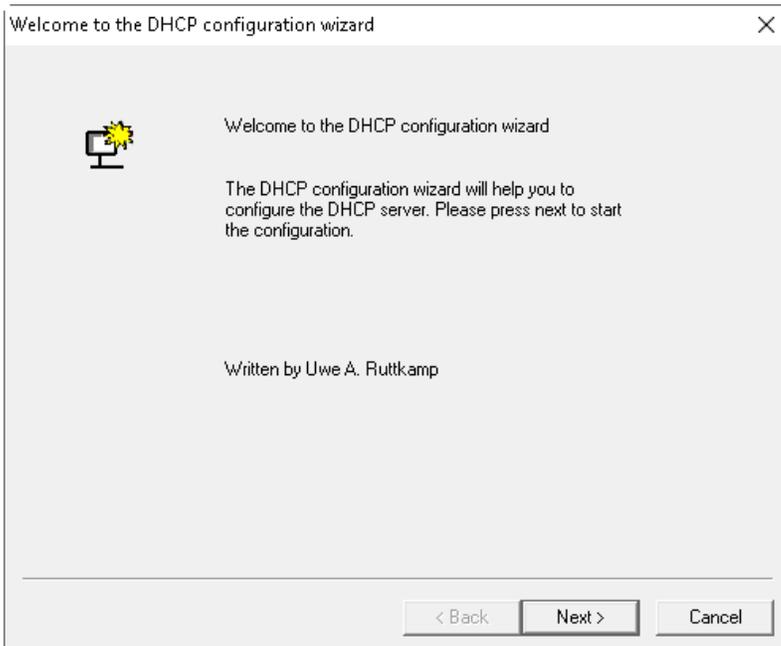
Interface: 192.168.16.103 --- 0x13
Internet Address      Physical Address      Type
192.168.16.255        ff-ff-ff-ff-ff-ff    static
224.0.0.22            01-00-5e-00-00-16    static
224.0.0.251          01-00-5e-00-00-fb    static
224.0.0.252          01-00-5e-00-00-fc    static
239.255.255.250      01-00-5e-7f-ff-fa    static

C:\WINDOWS\system32>
```

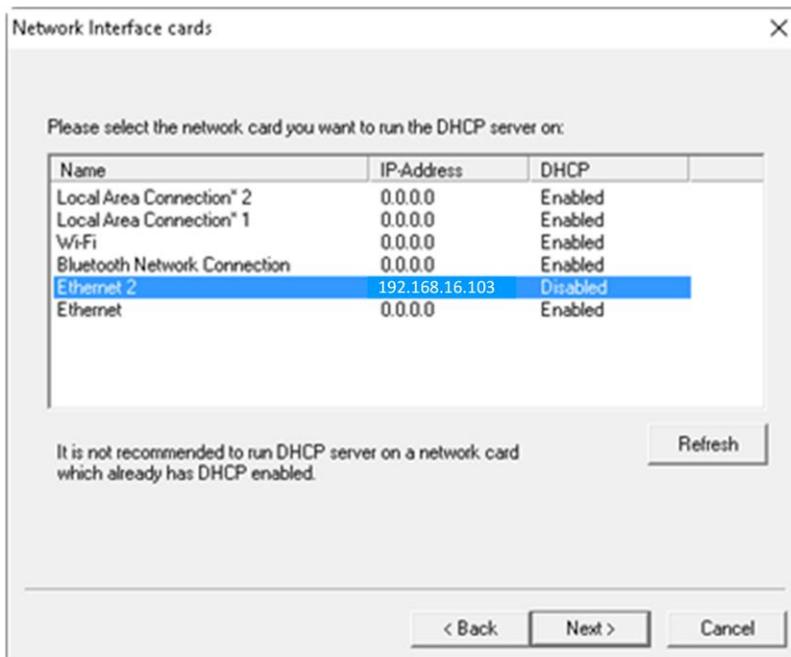
If you find yourself in this situation, perform the following steps:

- 1.) Download the **DHCP SW Server Utility** from Lumistar's FTP, Web Site, or from the software CD provided in your original delivery and place it on the host computer desktop.
- 2.) Connect the host computer directly to the LS-28/48/68 with a single Cat-5+ cable.
- 3.) Using Windows File Explorer, open the **DHCP SW SERVER UTILITY** folder and right-click on **dhcpwiz.exe** and then **Run as administrator**.



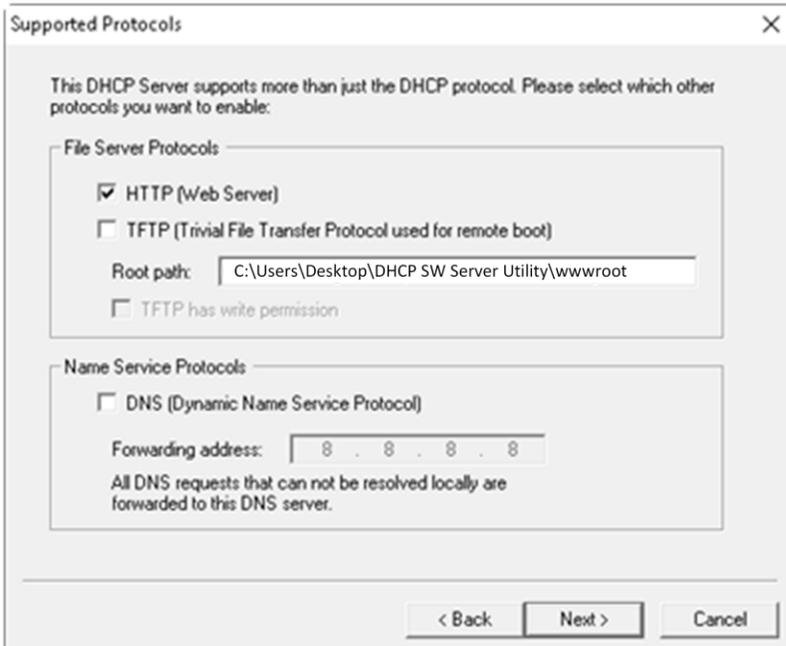


4.) Click the **Next>** button.

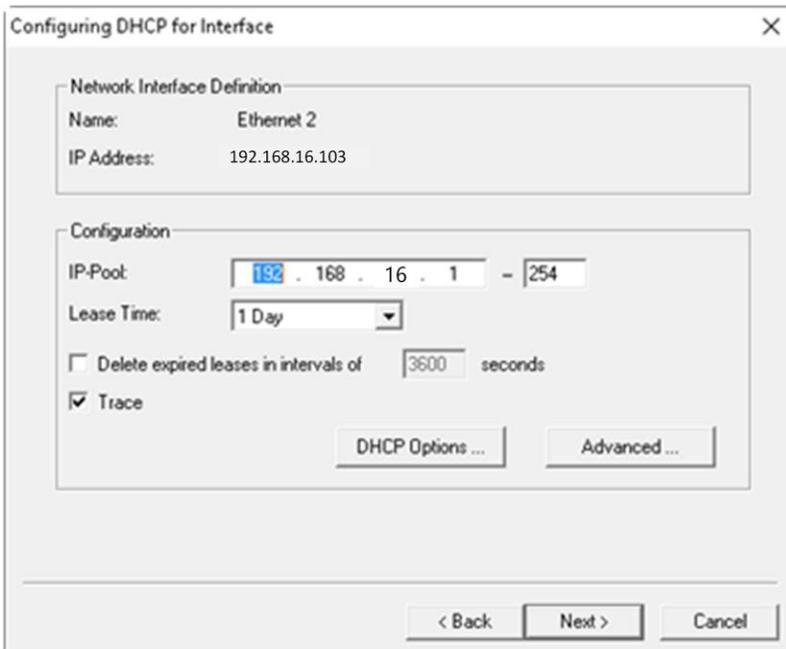


As indicated above, **it is not suggested you not run the DHCP Server on a network card which already has DHCP enabled.**

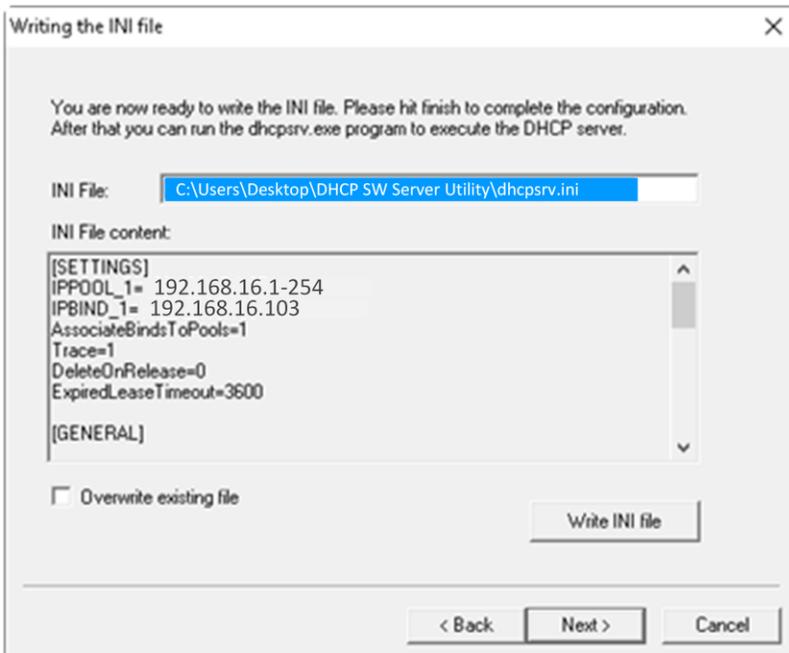
5.) Select your network connection and click the **Next>** button.



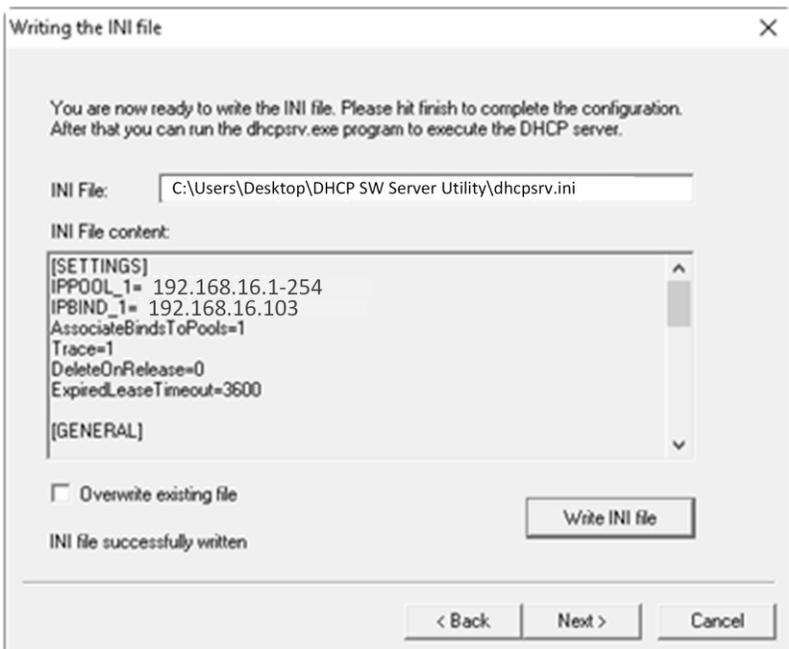
6.) Select the **HTTP (Web Server)** CheckBox then click the **Next>** button.



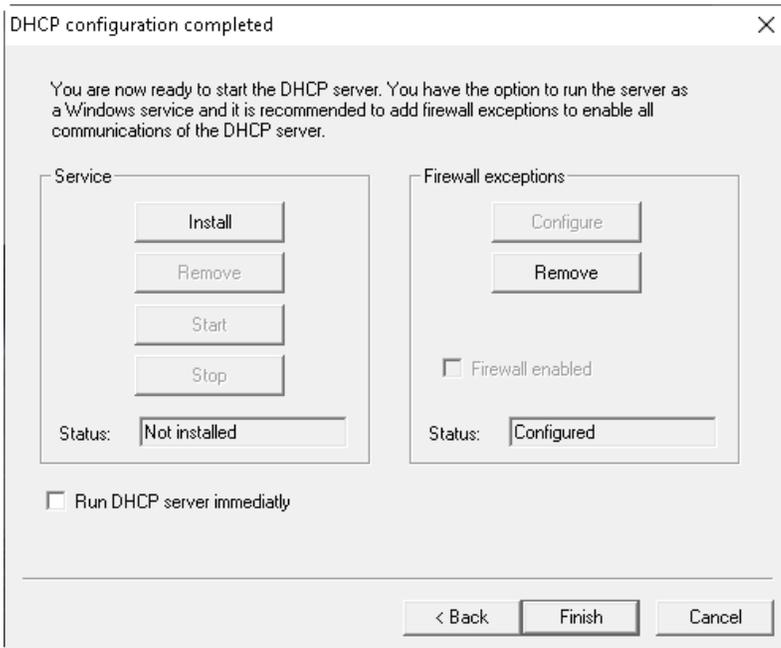
7.) The default above should match your network cards subnet, click the **Next>** button.



8.) Click the **Write INI File** button

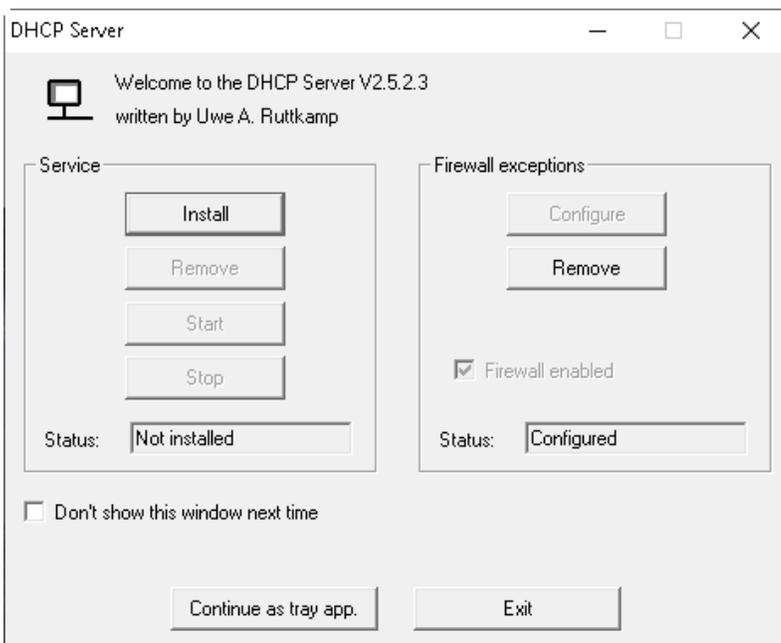


9.) Once the **INI file successfully written** flag is observed, click the **Next>** button.



10.) Click the **Finish** button.

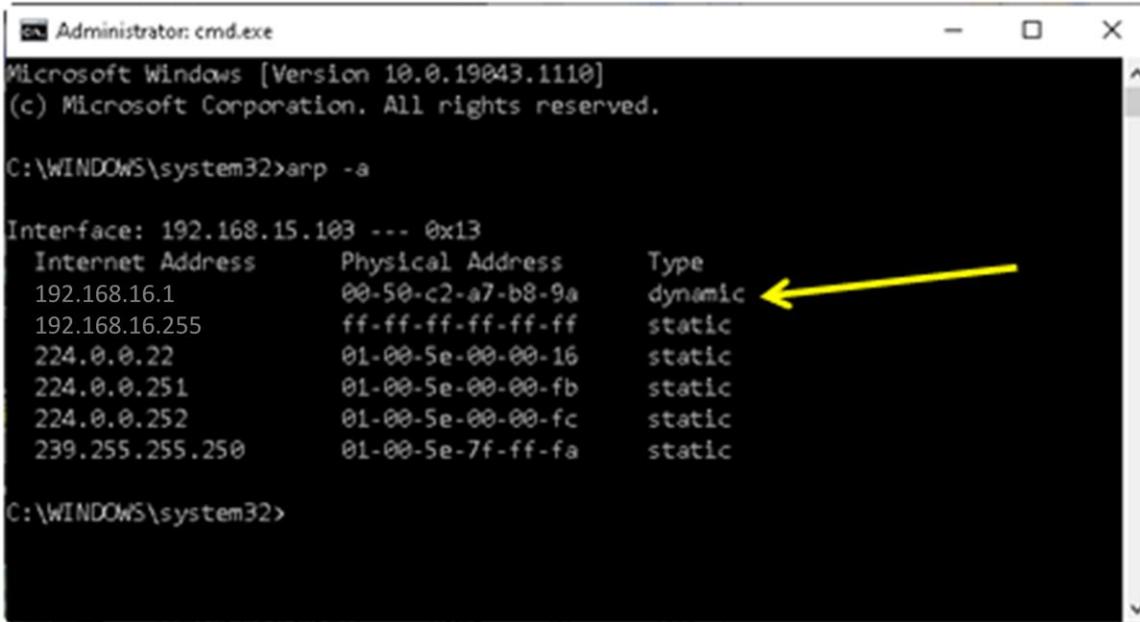
11.) From Windows File Explorer right-click on **dhcprv.exe** and **Run as administrator**.



12.) Click the **Continue as tray app.** Button.

13.) Power on the LS-26/48/68.

14.) Open a Command Line Shell and type **arp -a**



```
Administrator: cmd.exe
Microsoft Windows [Version 10.0.19043.1110]
(c) Microsoft Corporation. All rights reserved.

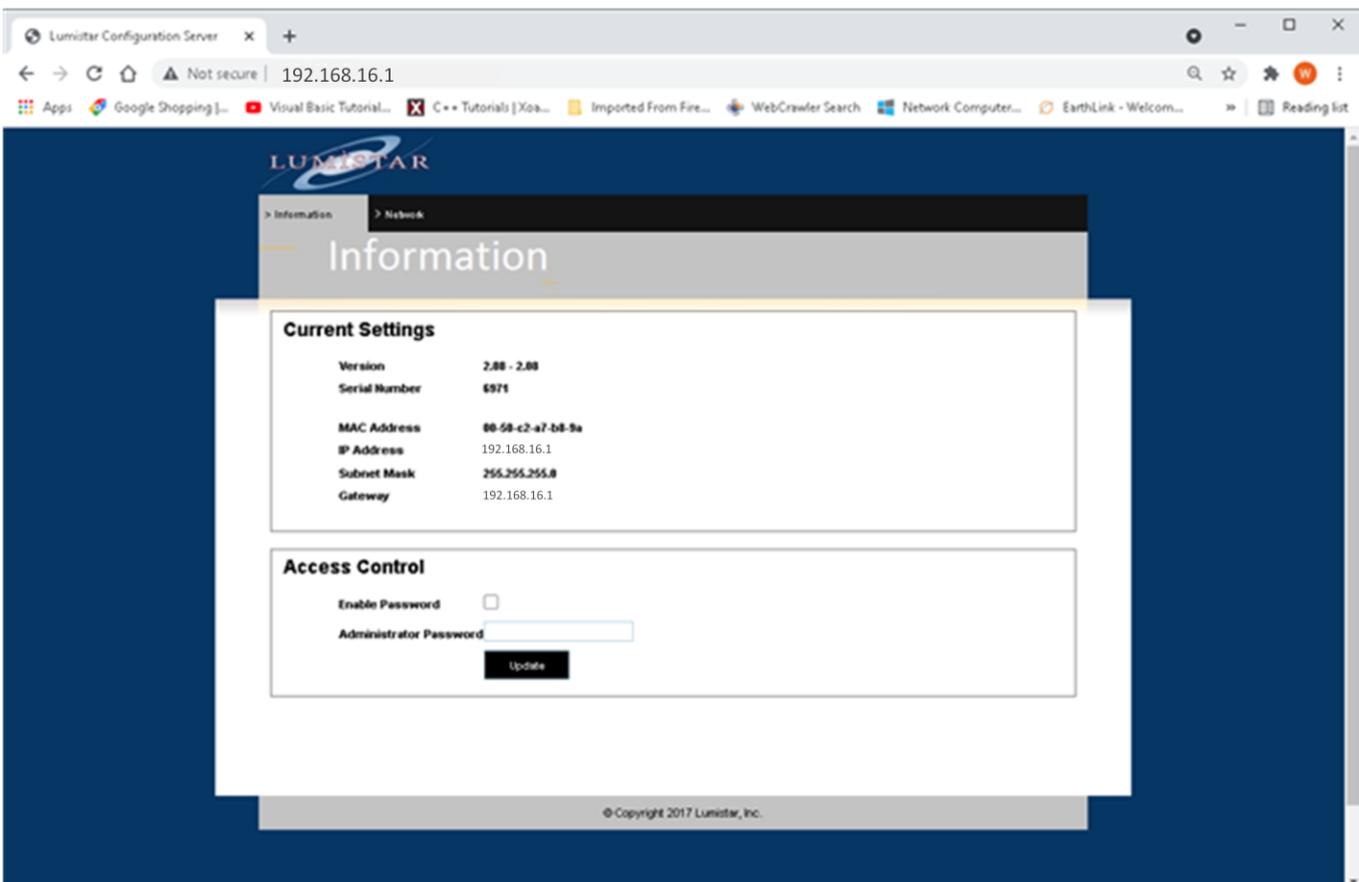
C:\WINDOWS\system32>arp -a

Interface: 192.168.15.103 --- 0x13
Internet Address      Physical Address      Type
192.168.16.1          00-50-c2-a7-b8-9a    dynamic
192.168.16.255        ff-ff-ff-ff-ff-ff    static
224.0.0.22            01-00-5e-00-00-16    static
224.0.0.251           01-00-5e-00-00-fb    static
224.0.0.252           01-00-5e-00-00-fc    static
239.255.255.250       01-00-5e-7f-ff-fa    static

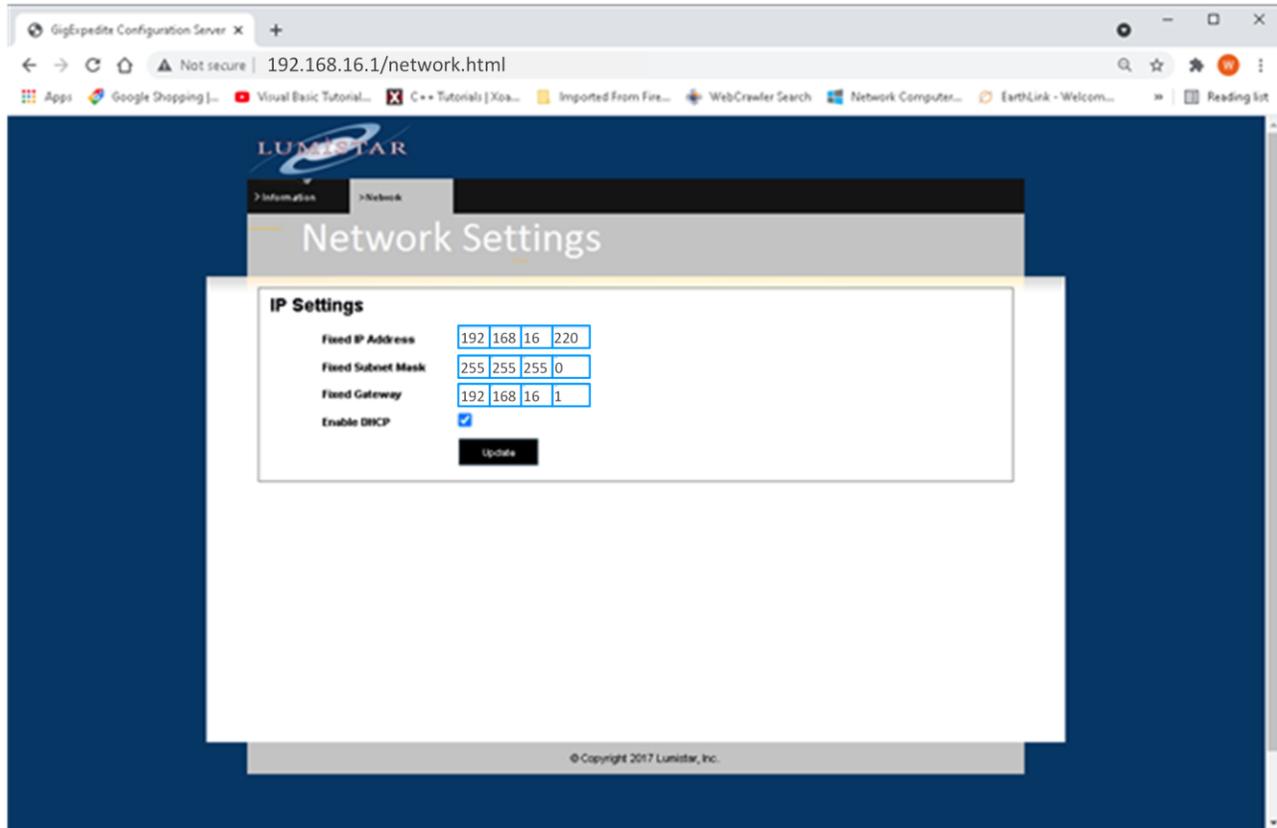
C:\WINDOWS\system32>
```

The arrow in the picture above indicates the IP address assigned to your LS-28/48/68 by the DHCP software utility.

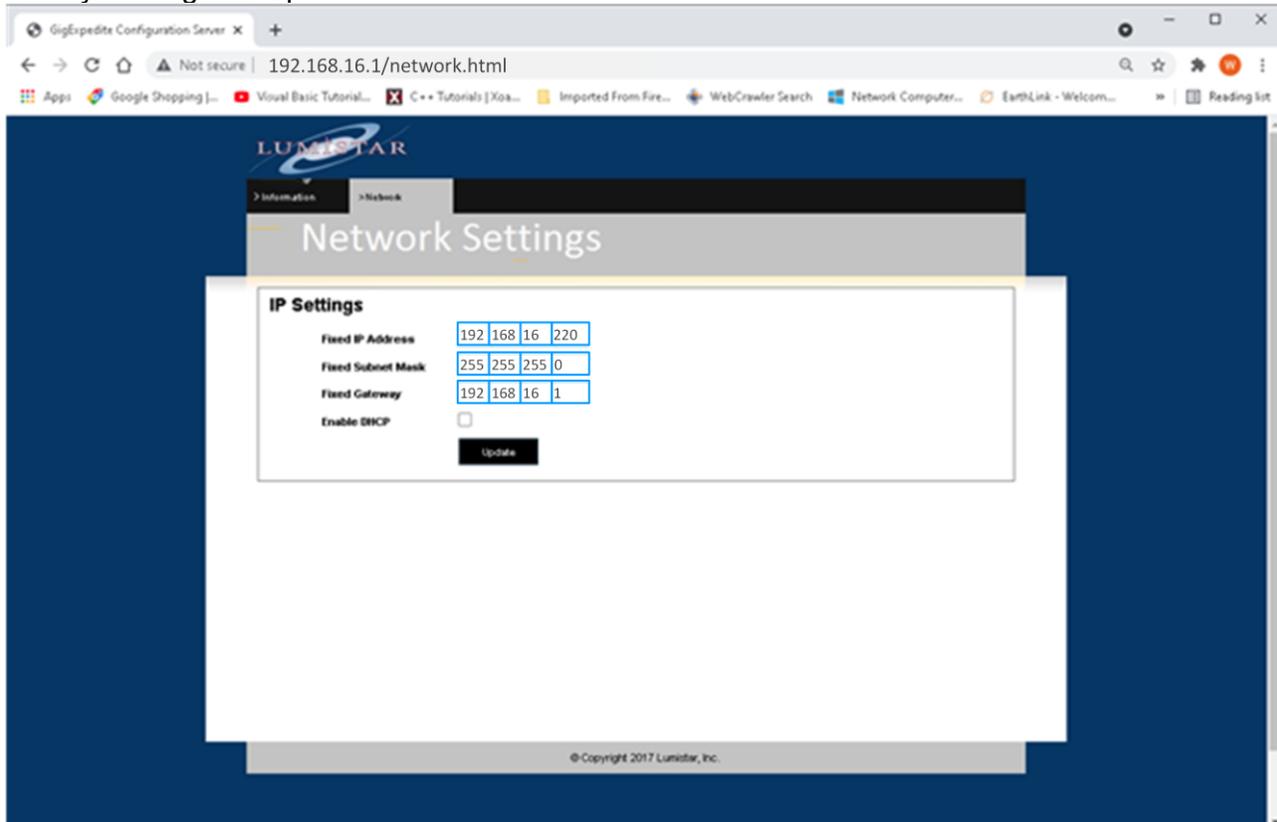
15.) Enter this address into your Browser.



16.) Select the **Network** Tab:



17.) Uncheck the **Enable DHCP** check box and enter your preferred Static address, subnet and gateway and follow this by clicking the "Update" button:



18.) Wait for approximately 15 seconds and then close the web browser.

19.) Power cycle the LS-28/48/68.

20.) Now you should be able to ping the new static IP address and your units should be visible on the network to the LS28\_App or the DPE\_App software applications.