

HOW TO RETRIEVE A MAC ADDRESS BASED ON AN IP ADDRESS

Note : You MUST ping the IP first

Ping [IP ADDRESS HERE]

Arp -a

The following is an example session:

C:\Documents and Settings\Ken>ping 192.168.1.200

Pinging 192.168.1.200 with 32 bytes of data:

Reply from 192.168.1.200: bytes=32 time<1ms TTL=64

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Ping statistics for 192.168.1.200:

Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),

Approximate round trip times in milli-seconds:

Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\Documents and Settings\Ken>arp -a 192.168.1.200

Interface: 192.168.1.101 --- 0x2

Internet Address	Physical Address	Type
192.168.1.200	00-20-4a-a0-53-79	dynamic

HOW TO ARP INTO LANTRONIX FOR FIRST TIME

Telnet to local router subnet gateway

Arp -s [IPADDRESS] [MAC ADDRESS] (Add ARP entry to routing table)

telnet [IPADDRESS] 1 (failure msg is expected here)

telnet [IPADDRESS] 9999

Choose "Channel 0" to set IP, Gateway and Host Bits.

Telnet a UDS-100/1100 that already been assigned an IP and what settings should be:

From the command line type: "telnet [IP ADDRESS HERE] 9999" (leave out quotes & brackets)

Choose "Channel 1"

Set Port to 3001

Baud Rate: 9600 (for KW-II) or 38400 (for KW-III)

Interface Mode: 4C

Flow Control: 0 (zero)

Connect Mode: C0 (C zero)

Choose "Channel 0" to set IP, Gateway and Host Bits.

HYPERTERMINAL UDS-100/1100 (Use the straight-thru serial cable in my bag)

Speed/Baud Rate: 9600 for KW-II and for KW-III

Data bits: 8

Parity: none

Flow Control: (none)

1. Pull power on Lantronix and hold the “x” key down on PC for a few seconds when you plug Lantronix back in.
2. Press Enter immediately.
3. Choose “0” for Server from menu that appears.
4. Type in IP address, Gateway, and Host Bits
5. See chart for Host Bits)
6. Chart “1” and using setting above.
7. Choose “9” for “Save and Exit”.
8. If it says you’ve “lost connection” or “parameters stored” you’re done.

PERFORM FIRMWARE UPDATE ON UDS

1) Go to the following link and download the latest firmware update.

http://ltxfaq.custhelp.com/cgi-bin/ltxfaq.cfg/php/enduser/std_adp.php?p_faqid=1273

2) From the folder that you saved the update to, type this into to a Command window:

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tftp -i [IP ADDRESS HERE] put uds11_6507.rom U3
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Note: Leave out the brackets surrounding the IP ADDRESS above and make sure the U in U3 at the end is a capital letter.