WR300NR trouble shootng procedure

If you are having trouble accessing the WR300NR's web based configuration page, follow the steps below:

1. Plug in the WR300NR to the power outlet. Make sure it is close enough for your Cat 5 Ethernet cable to reach from the WR300NR to the computer you are using to setup the WR300NR.
2. Reset the device to factory default. This will erase any previous configurations and sets the device back to its orignial default settings.
3. To reset the device you will need an object such as a paper clip as shown below:


4. With the WR300NR plugged into the socket poke the paper clip into the reset hole as shown below. Hold the reset button for at least 10 seconds.
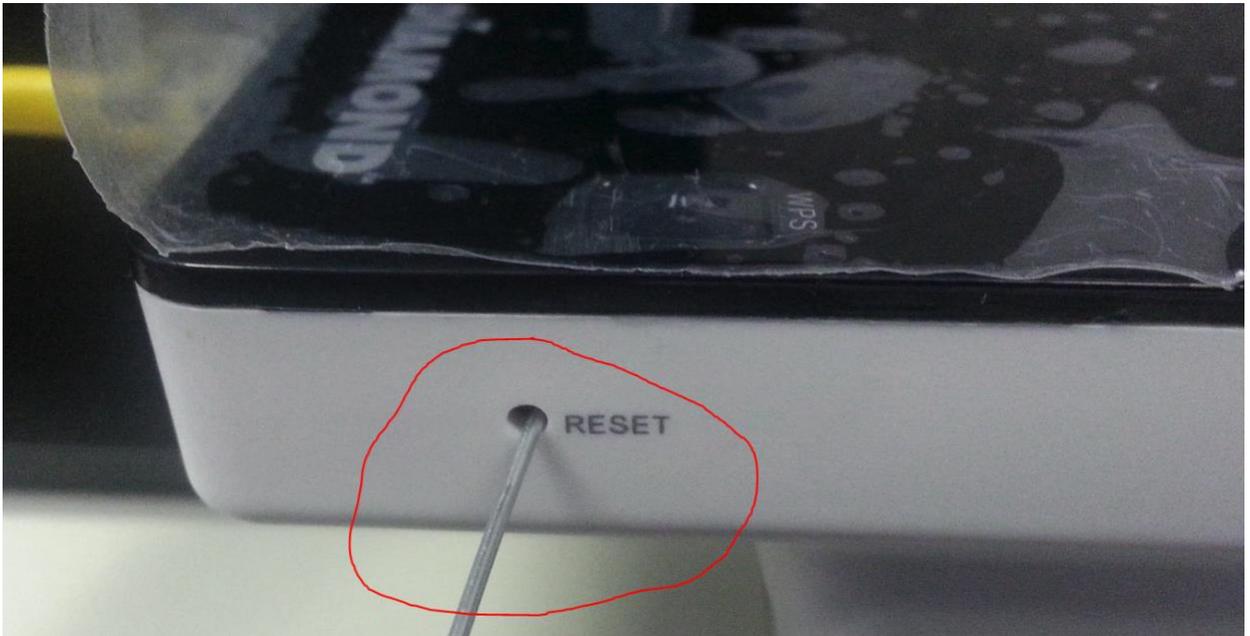
5. Once the device is restarted plug the provided Ethernet cable into the RJ-45 port labeled LAN as shown below. Connect the other end of the Ethernet cable to the Ethernet port on your computer.
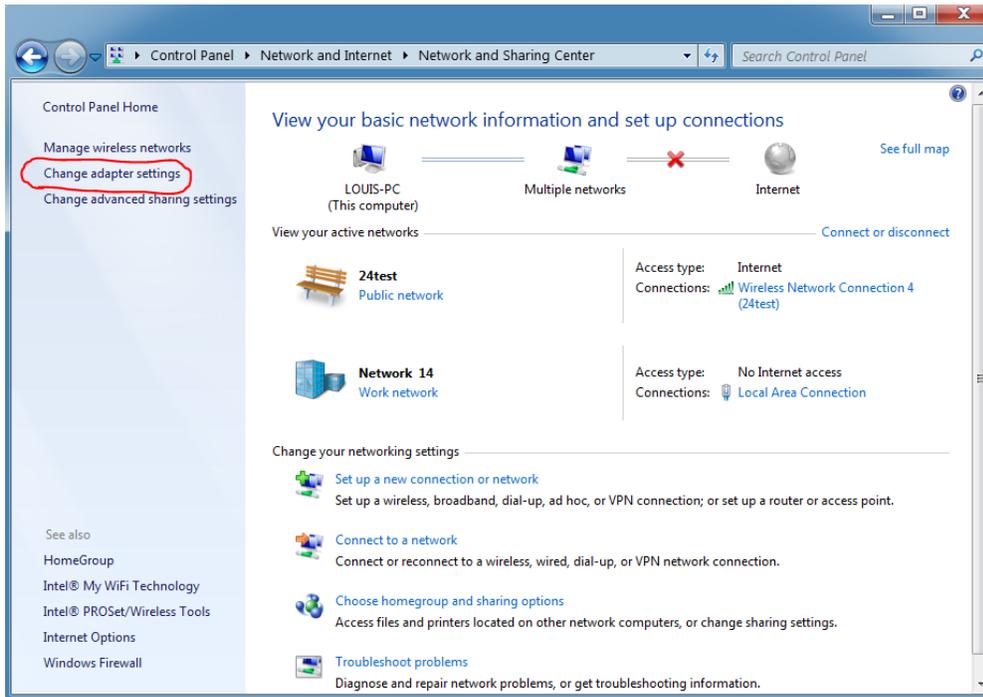

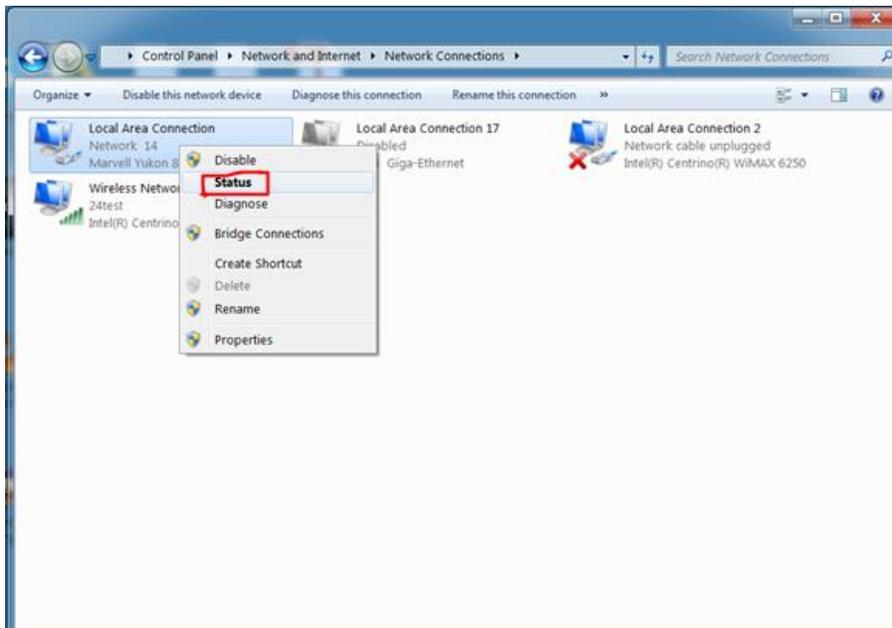6. If using windows open up the windows control panel application as shown below.
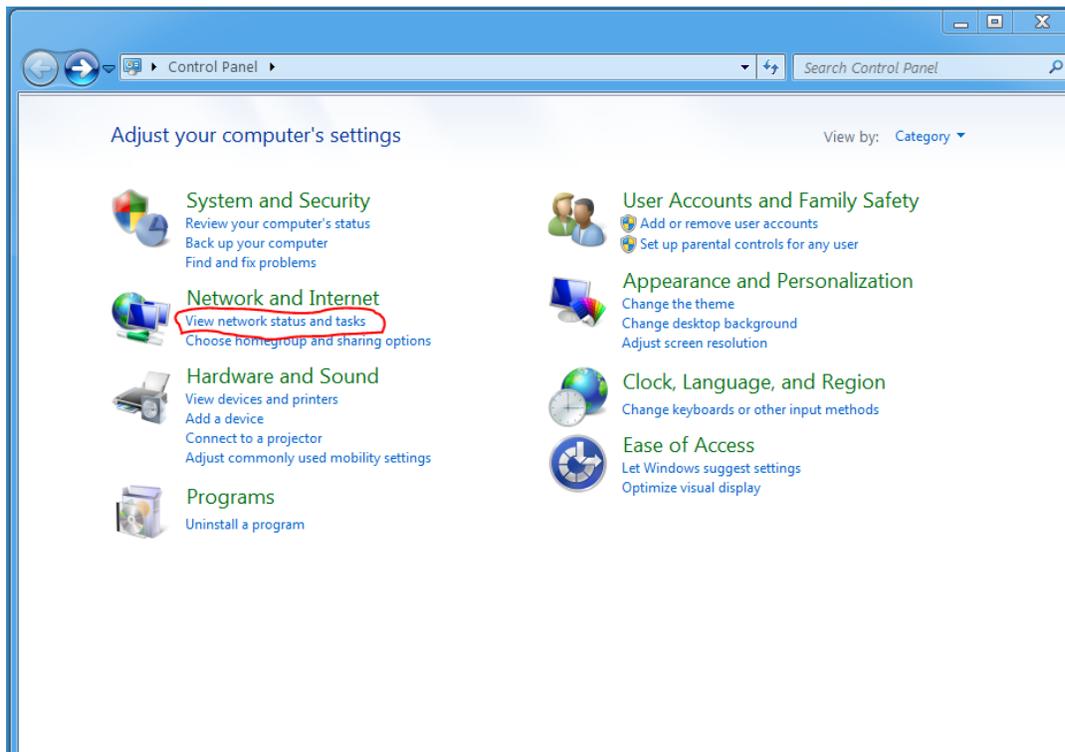
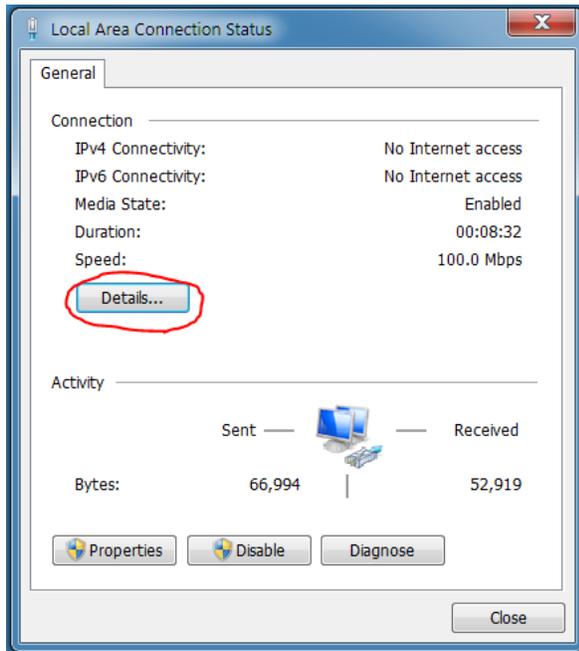7. Click on "View network status and task" as shown above.

8. Click on "Change adapter settings as shown below:

9. Using your mouse right click on the "local area connection" you have the Ethernet cable plugged into and then click on "Status" as shown below:
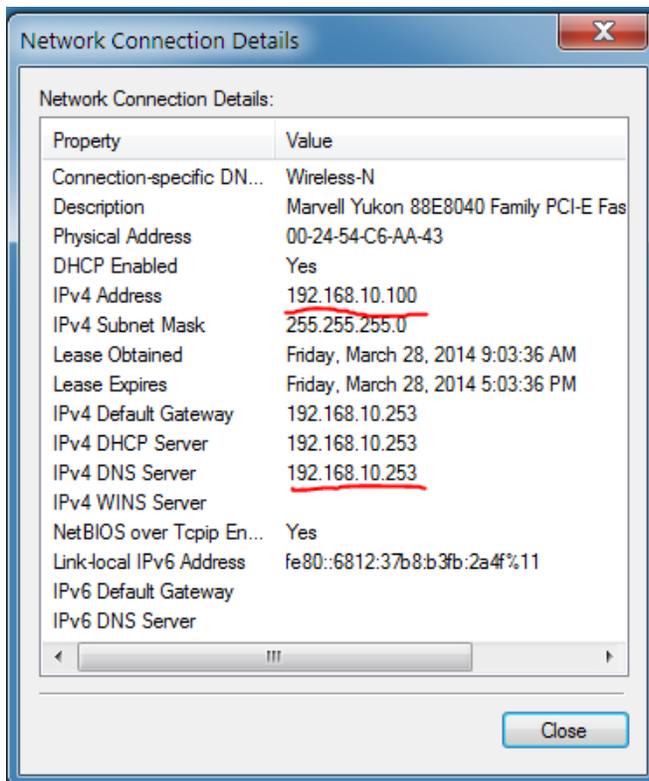
10. Click on the "Details" tab as shown below:

11. Notice the IPv4 Address, this is the DHCP address given to the computer from the WR300NR.
    Note: The IP address you received may differ but the first should be the same as below:
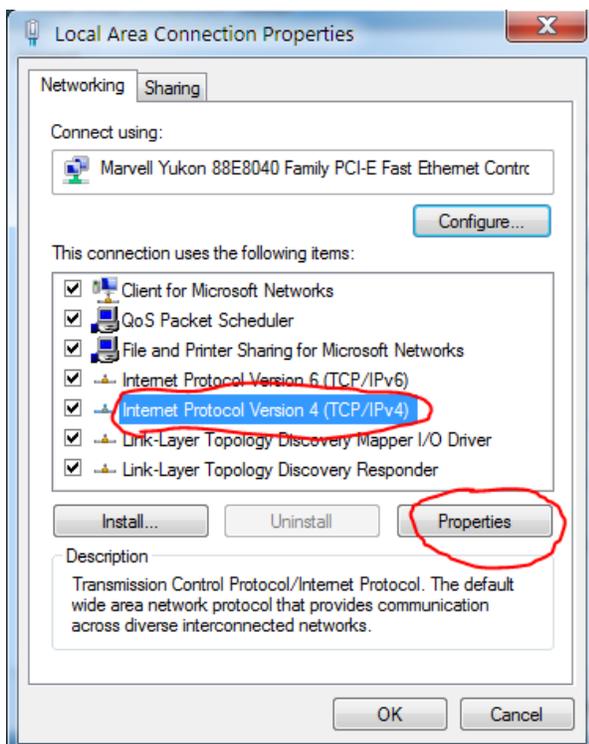   192.168.10.X where x is the number that may vary.

12. If the numbers you received are 0.0.0.0 or 169.x.x.x and or any other numbers not with in the same range as 192.168.10.X, click on the "Properties" tab as shown below:
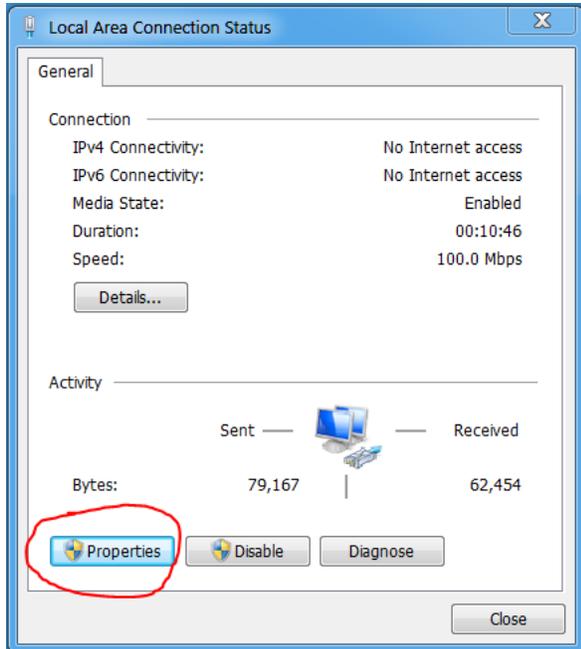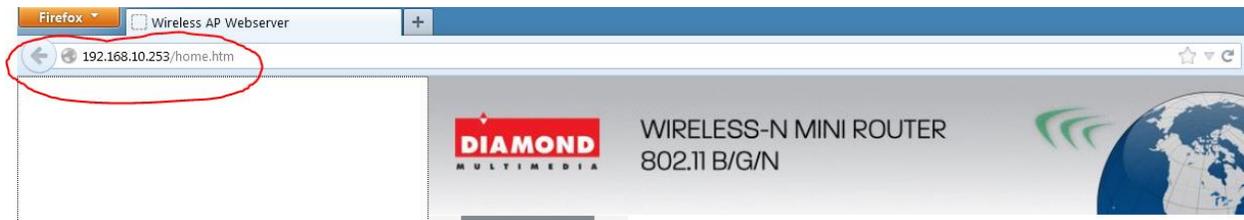

13. High light "Internet Protocol Version 4 (TCP/IPv4) as shown below and then click on "Properties"
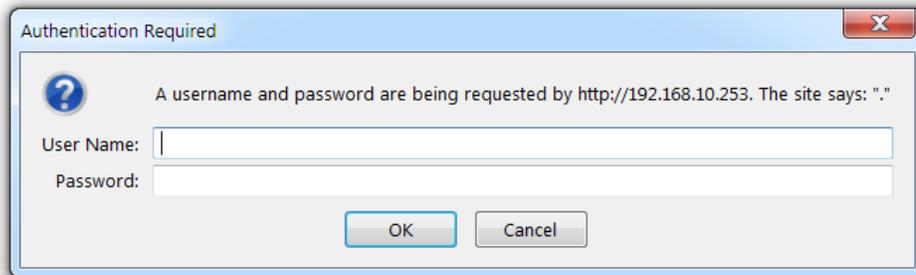
14. Make sure your settings for Obtain an IP address are set to automatically as well as the DNS as shown below:
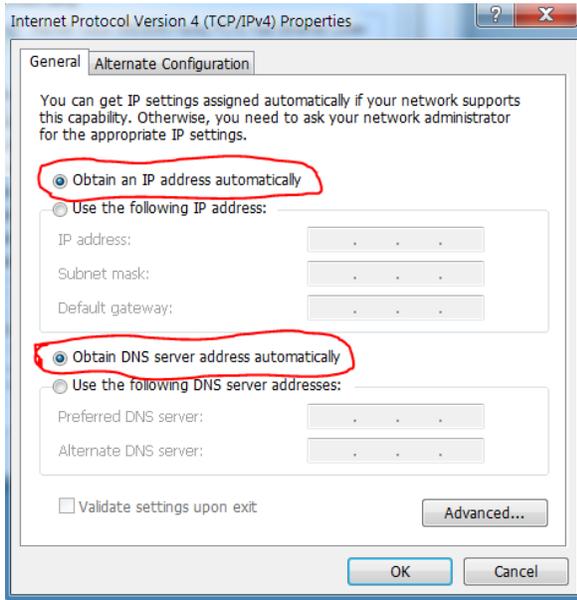
15. Open up your web browser and type in the following IP address to access the WR300NR web configuration page

16. You should get a user name password dialog box as shown below:

Note: The user name and password are both **admin**

17. Click on the "Wizard" tab as shown below:

DIAMOND MULTIMEDIA

WIRELESS-N MINI ROUTER
802.11 B/G/N

Wizard

Network

Wireless

Firewall

Advanced

Management

Status
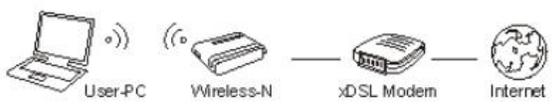
Refresh

English ▼

Current Mode: Router

System

Uptime	0day:0h:31m:44s
Firmware Version	MR2.32.11.0104
Build Time	Fri Jan 4 14:29:39 CST 2013

Wireless Network

Mode	AP
Band	2.4 GHz (B+G+N)
SSID	Wireless-N
Channel Number	2
Encryption	Disabled
BSSID	80:3f:5d:83:33:5b
Associated Clients	0

Lan Status

Attain IP Protocol	Fixed IP
IP Address	192.168.10.253
Subnet Mask	255.255.255.0
Default Gateway	192.168.10.253
DHCP Server	Enable
MAC Address	80:3f:5d:83:33:5b

Wan Status

Attain IP Protocol	Getting IP from DHCP server...
IP Address	0.0.0.0
Subnet Mask	0.0.0.0
Default Gateway	0.0.0.0
MAC Address	80:3f:5d:83:33:5c

18. You will now see the following screen. Choose the function you want to use.
    a. AP for access point
    b. Router, if you are using the device as your main router from your DSL/Cable Modem
    c. Repeater, if you want to repeat/extend your existing wireless network signals
    d. Bridge, if you want to bridge one wireless network to another wireless network
    e. Client, if you want to convert wireless signal to wired Ethernet
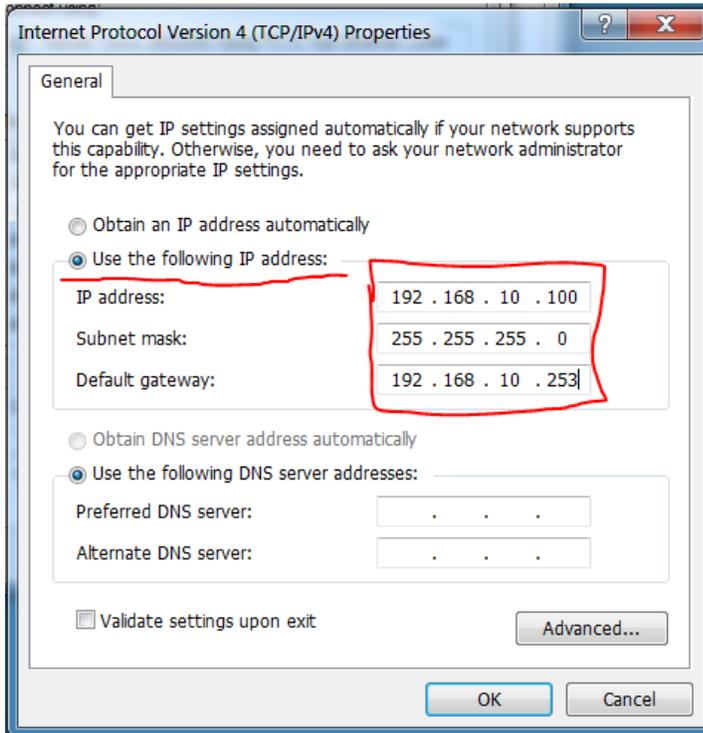
19. If for any reason you could not access the WR300NR configuration page go back to step 14 and specify an IP address, Subnet mask and Default gateway as shown below:


20. After specifying an IP address, go to back to step 15.
21. If you still cannot access the configuration page you can make sure the hard ware is setup correctly by following these steps.
22. Click on the windows start tab. Type in CMD in the search field as shown below:
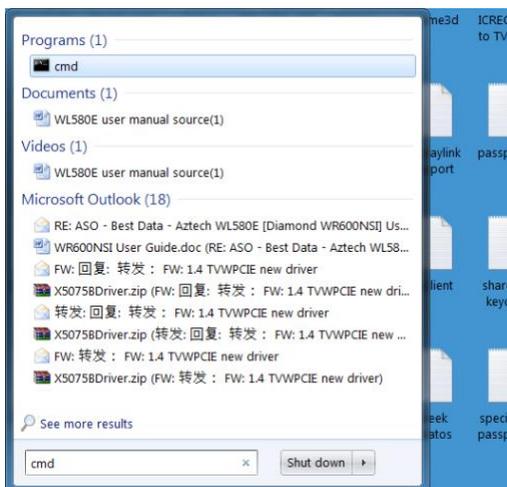
1. Type Ping 192.168.10.253 as shown below. This is the IP address of the WR300NR. Notice the reply from response. If you get a reply back but cannot access the web configuration page you could have a problem with your web browser. Make sure the web browser is not blocking pop up's. It is also known that certain antivirus tools can also block access. If you do not get a reply back the only possibilities left are: the WR300NR is defective, the Ethernet cable is defective or the computers network card is defective
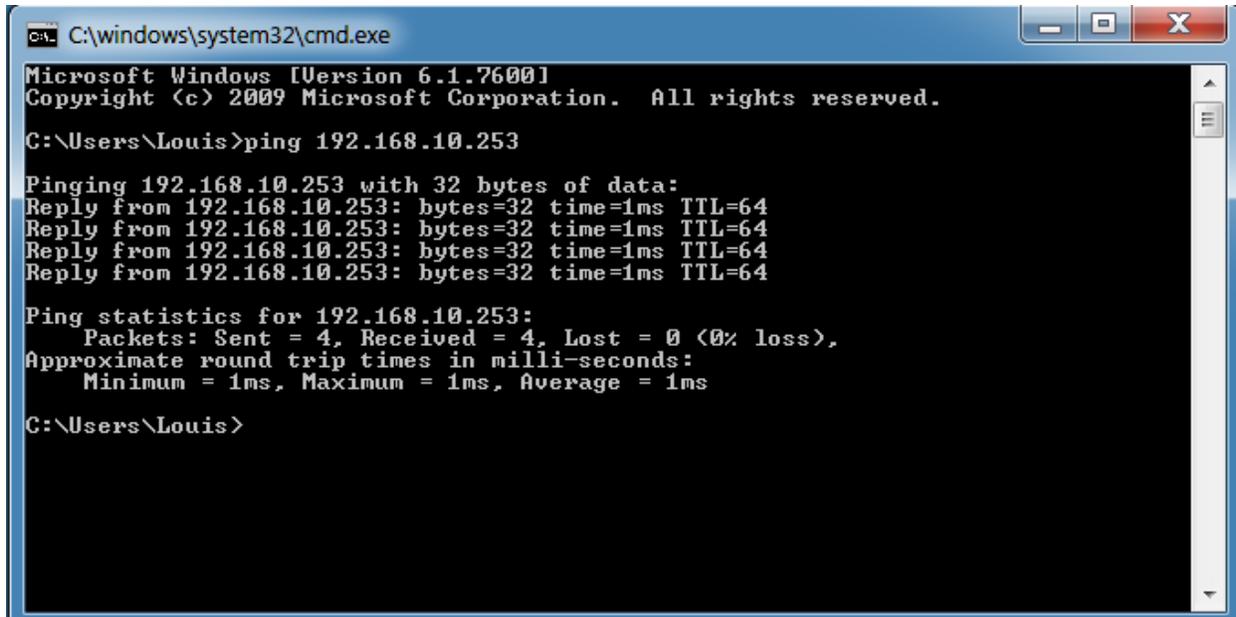
```
C:\windows\system32\cmd.exe

Microsoft Windows [Version 6.1.7600]
Copyright (c) 2009 Microsoft Corporation.  All rights reserved.

C:\Users\Louis>ping 192.168.10.253

Pinging 192.168.10.253 with 32 bytes of data:
Reply from 192.168.10.253: bytes=32 time=1ms TTL=64
Reply from 192.168.10.253: bytes=32 time=1ms TTL=64
Reply from 192.168.10.253: bytes=32 time=1ms TTL=64
Reply from 192.168.10.253: bytes=32 time=1ms TTL=64

Ping statistics for 192.168.10.253:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 1ms, Maximum = 1ms, Average = 1ms

C:\Users\Louis>
```