FAQ How to Ping an IP Address from Windows

1. Introduction

- This procedure describes how to check reachability of an instrument in the network using the ping command in Windows.

---

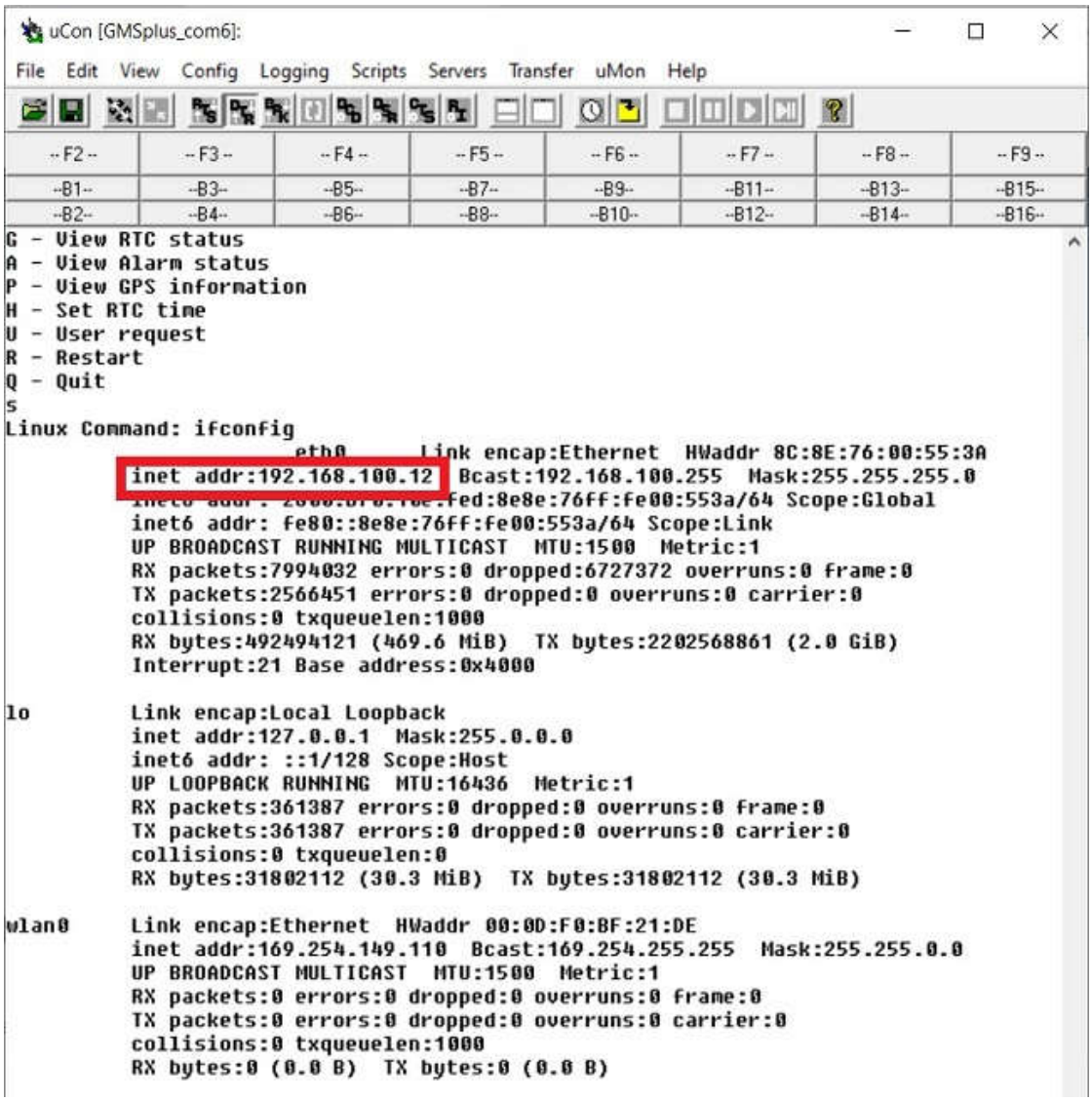
2. Required Tools

- Windows Computer connected to same network as the instrument you want to check
- IP address of the instrument to check

---

3. Find out the IP Address of your Instrument

- Connect to the serial console of your instrument
- In the Main Menu, select **[S]** to enter Shell Command Prompt
- Enter **ifconfig** and confirm with **[Enter]**

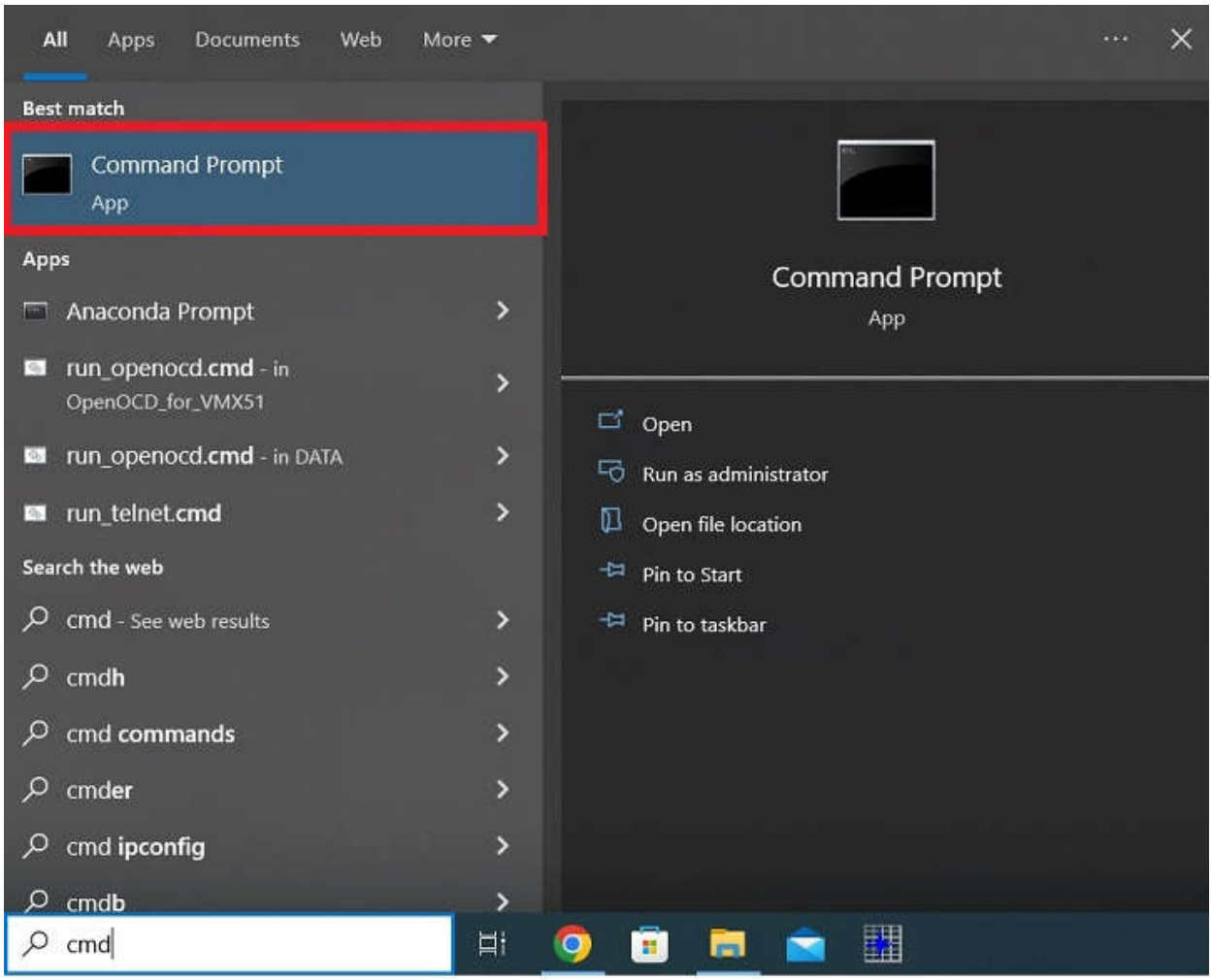


- The IP address of your instrument's Ethernet adaptor will be shown under **eth0** as **inet addr:xxx.xxx.xxx.xxx**
- If your instrument is connected through Wifi, the IP can be found under **wlan0** and will be shown as **inet addr:xxx.xxx.xxx.xxx**
- If the IP starts with **169.254.xxx.xxx**, your instrument is most likely not connected to a network

---

4. Start Windows Command Prompt

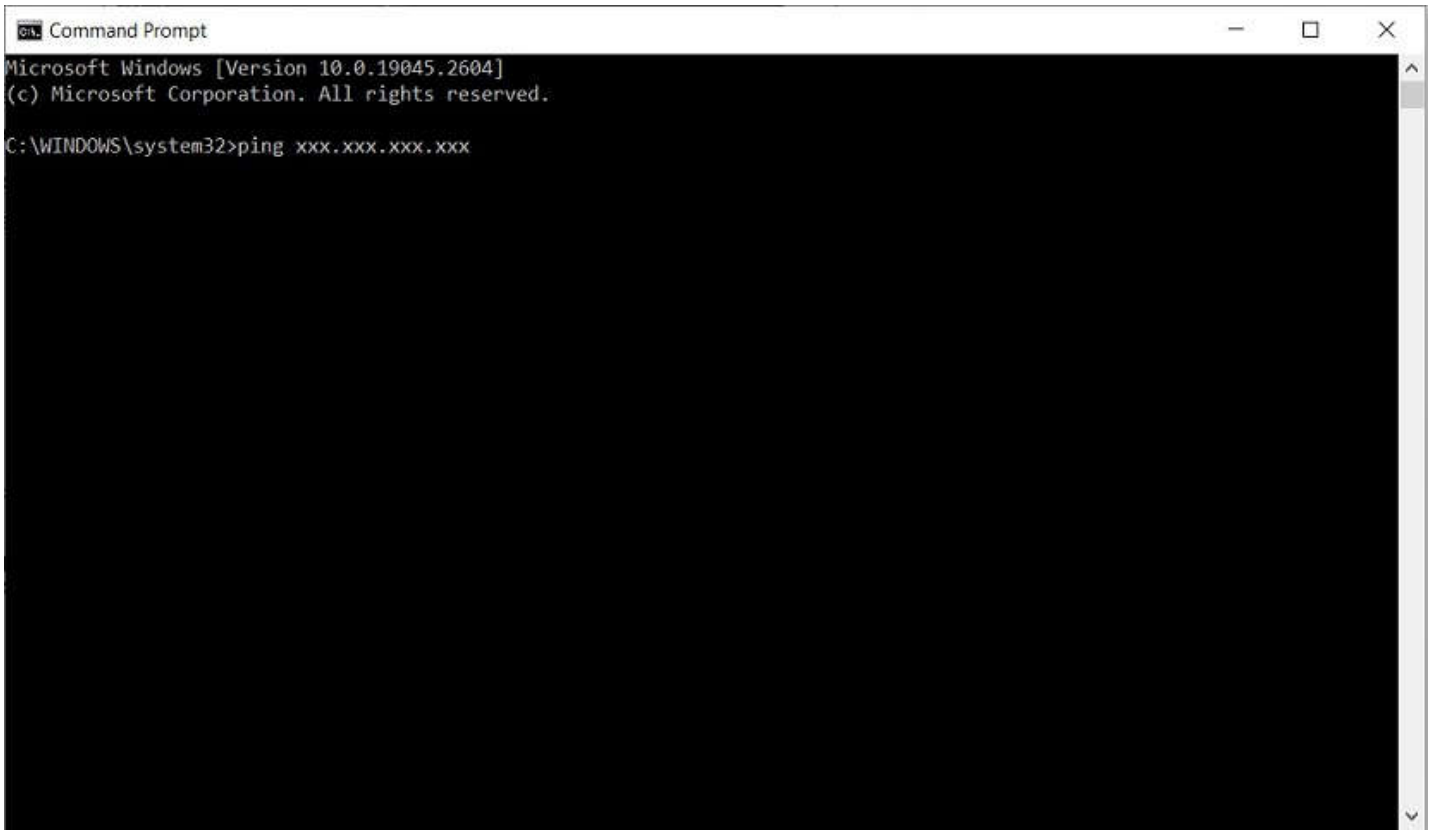
- Open the Windows Search Menu for Programs
- Search for **cmd**
- Open the Command Prompt App



---

5. Execute Ping Command

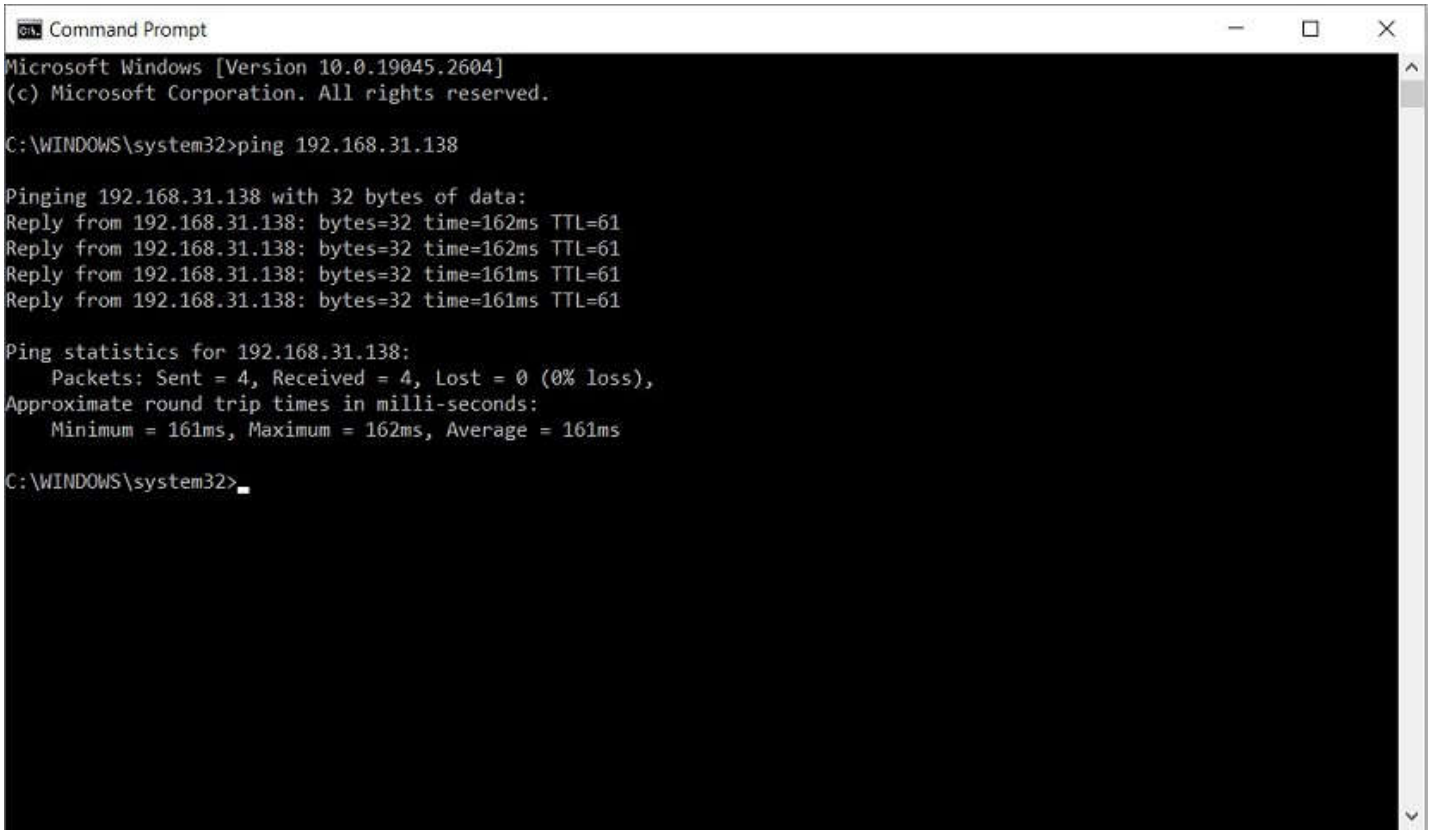
- A new windows appears
- Type **ping**, add a space and then insert the IP address of the instrument you want to ping (put the IP numbers in place of the xx)



- Confirm pressing **[Enter]** key on your keyboard

6. Check Result

- It will try to contact the IP 4 times
- If the instrument is reachable, **Reply from xxx.xxx.xxx.xxx** will be plotted



- If the instrument is not reachable, **Request timed out.** will be plotted
- If the instrument is not reachable, check hardware connections and network configuration on your computer and instrument or contact your Network Administrator (there may be a Firewall blocking communication)