

Does the source MAC address match your PC interface?

Yes D8:5E:D3:84:65:2D

Does the destination MAC address in Wireshark match your team member MAC address?

Yes, D8:9E:F3:38:28:6F

How is the MAC address of the pinged PC obtained by your PC?

ARP request to reach the correct device

IP and MAC for Yahoo.com

74.6.143.25

24:E9:B3:CB:5F:7F

IP and MAC for Cisco.com

104.100.193.162

24:E9:B3:CB:5F:7F

IP and MAC for Google.com

172.217.13.132

24:E9:B3:CB:5f:7F

What is significant about this information?

Each MAC address is specific to a device

How does this information differ from the local ping information you received in Part 1?

All of the IP's are different and you are doing it to larger companies, meaning that sometimes the ping may not respond if the website is down. It