In this lab, I explored broadcast domains on a layer 2 LAN.

Link to tech journal: <https://github.com/seraphimgerber/NET-150>

**Answer: What is the source MAC address? What is the destination MAC address? (Hint: Data Link Layer Header)**

Source MAC address: 14:5a:fc:94:59:8b

Destination MAC address: 00:00:5e:00:01:8e

**Answer: Does the source MAC address look familiar from prior labs? Do you think it is the Google Server's MAC address?**

It looks familiar, but I don’t think it is the Google Server’s MAC address since it is not local.

**Deliverable2: What are the source and destination MACs in the ping reply?**

Source: 14:5a:fc:94:59:8b

Destination: cc:f9:e4:35:0c:50

**Deliverable3: Does the MAC address match the address from your traffic capture? If not - what do you think happened?**

No, but that’s because I’m pinging a different computer.

**Deliverable4:**

**On your workstation, what is the source and destination MACs from the pings?**

Source: 14:5a:fc:94:59:8b

Destination: cc:f9:e4:35:0c:50

**On your partner's workstation, what is the source and destination MACs from the pings?**

Source: cc:f9:e4:35:0c:50

Destination: 14:5a:fc:94:59:8b

**Deliverable5: Why do you think they are different?**

They are different because they are on different sides of the ping, one is the source and is sending and the other is the destination and is receiving.