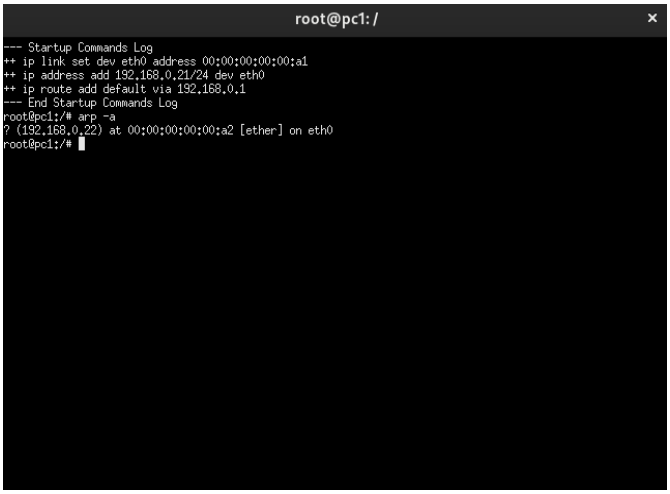
Name: Michael Kwame Appiah
Index No: 3024620

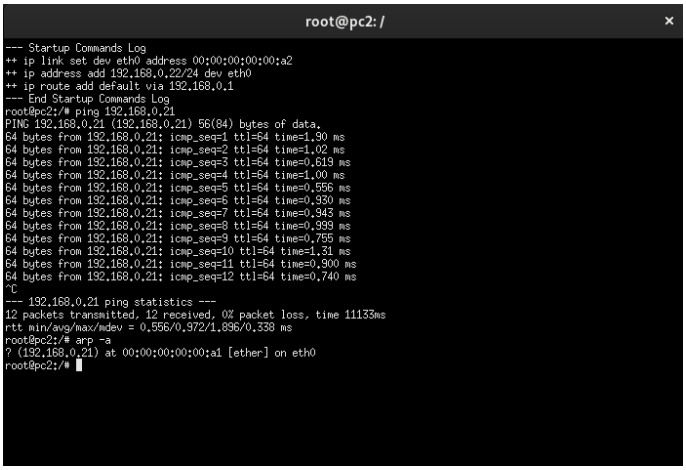
Exercise 2 Observations

STEP 6

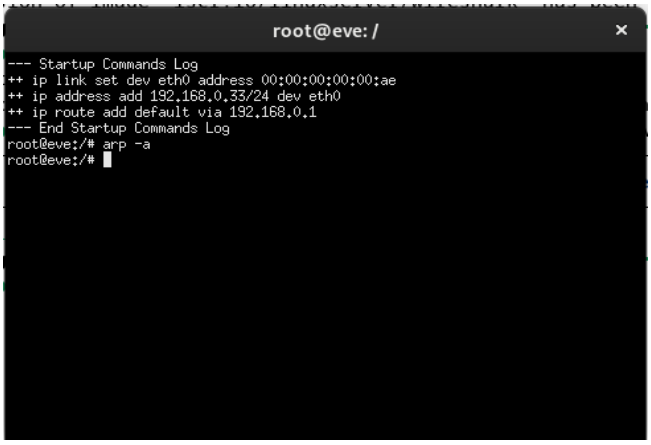
- PC1: On this device, the pc2 returned its MAC address while the ping from pc1 to pc2 was sent.



- **PC2:** On this device, no observations were made while the ping from pc1 to pc2 was sent.

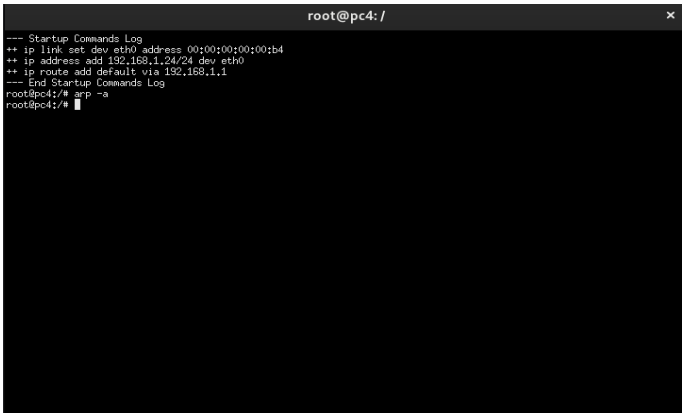


- **EVE:** On this device, no observations were made while the ping from pc1 to pc2 was sent.

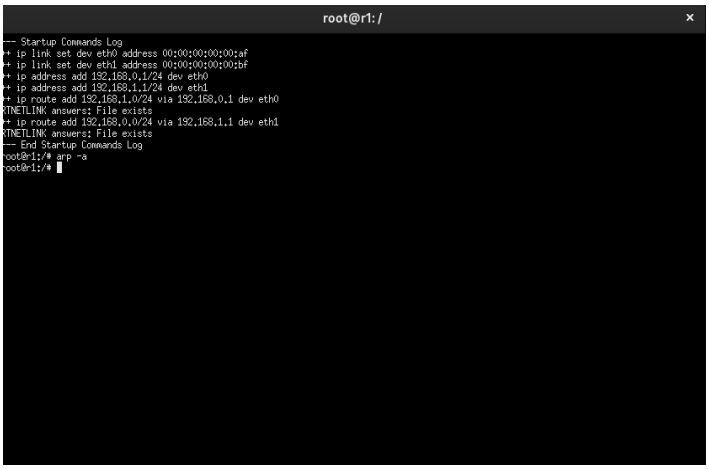


- **PC3:** On this device, no observations were made while the ping from pc1 to pc2 was sent.

- **PC4:** On this device, no observations were made while the ping from pc1 to pc2 was sent.

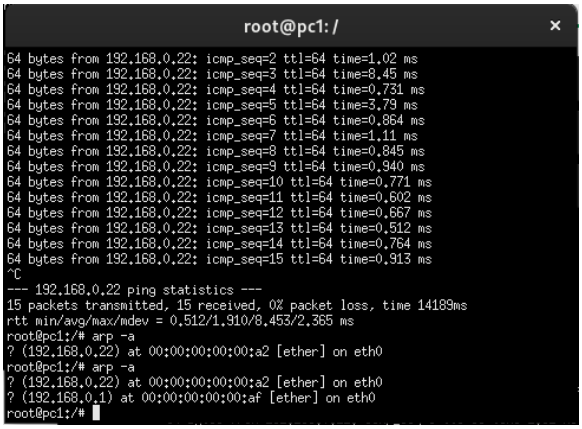


- **R1:** On this device, no observations were made while the ping from pc1 to pc2 was sent.

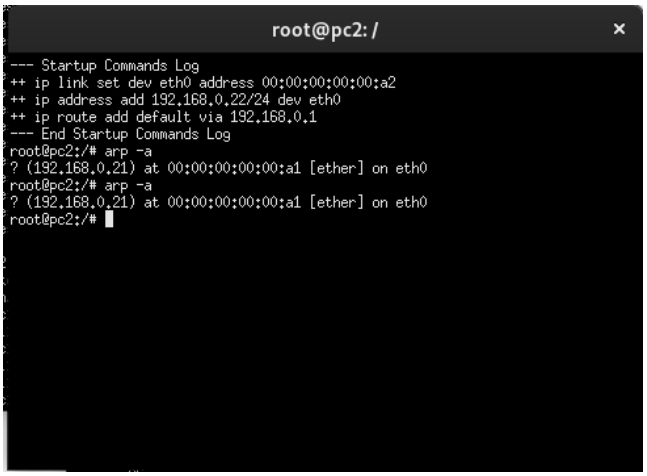


STEP 7

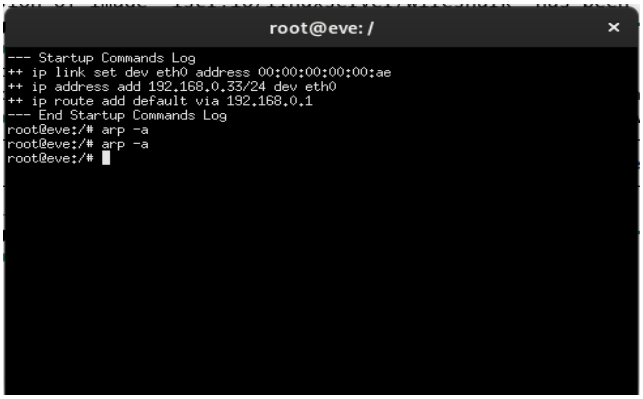
- PC1: On this device, the **arp -a** command returns the mac address of the router which serves as the gateway of the ping.



- **PC2:** No new observations were made on this device while the ping from pc4 to pc1 was sent.

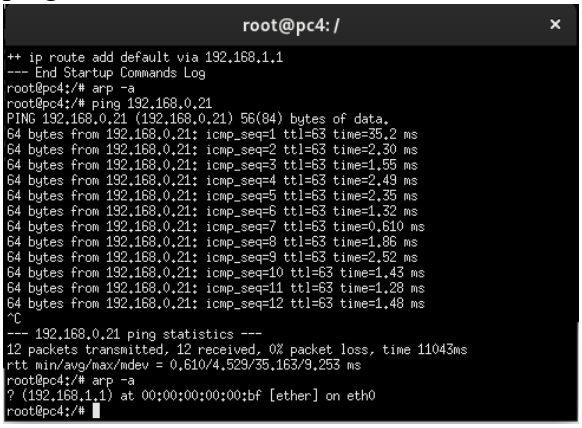


- **EVE:** On this device, no observations were made while the ping from pc4 to pc1 was sent.

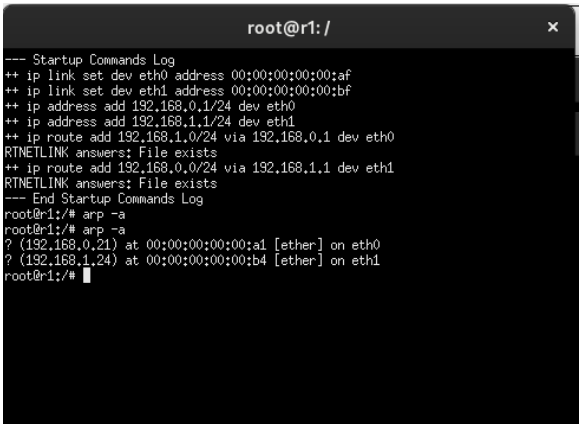


- **PC3:** On this device, no observations were made while the ping from pc4 to pc1 was sent.

- **PC4:** The **arp -a** command returns the MAC address of r1 which serves as the gateway of the ping.

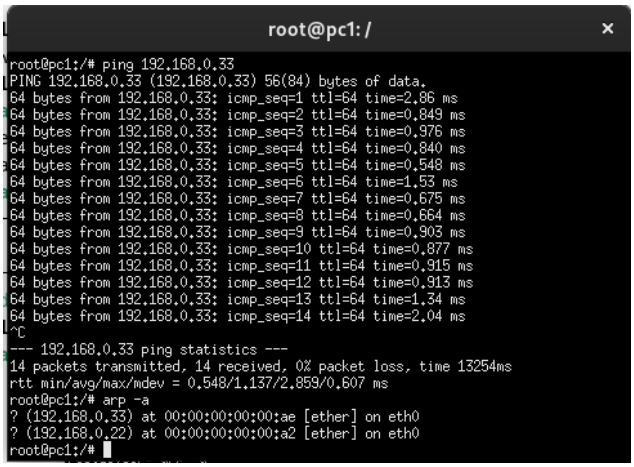


- **R1:** The **arp -a** command returns the MAC addresses on both sides of the network.

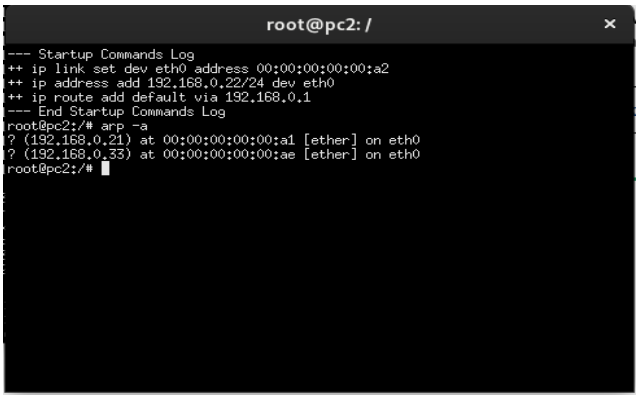


STEP 12

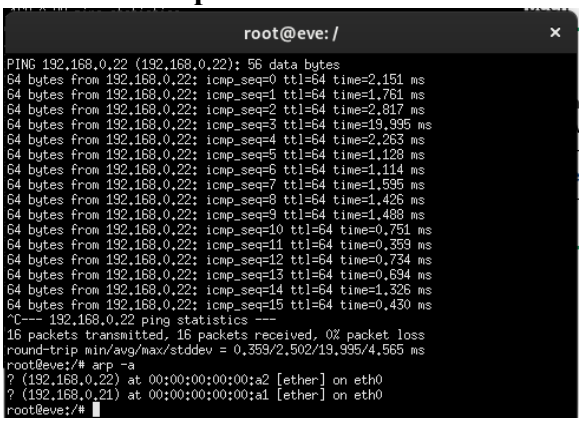
- PC1: On this device, the **arp -a** command returns MAC addresses of pc2 and eve



- **PC2:** The **arp -a** command returns the MAC addresses of pc1 and eve to this device.



- **EVE:** The **arp -a** command returns the MAC addresses of pc1 and pc2 to this device.



STEP 13

After spoofing, it was observed that after the ping signal was sent to eve before its intended destination.