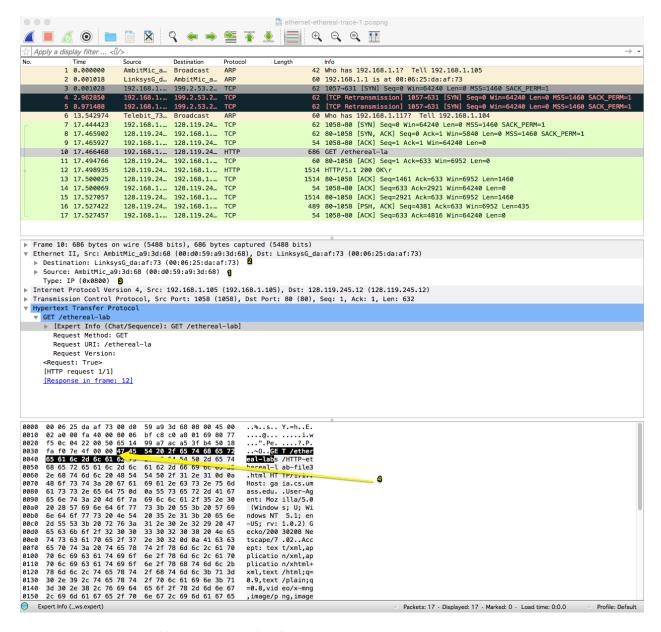
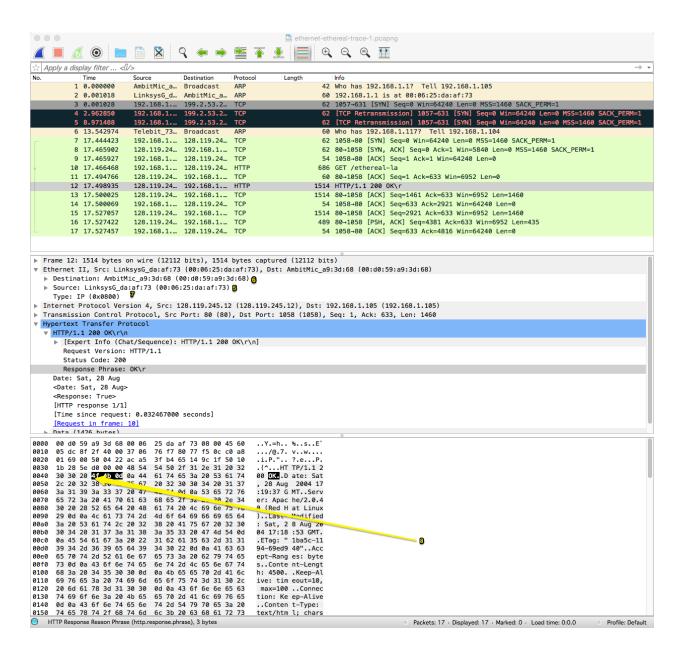
CS372 Lab 5 Eric Rouse

- 1. 00:d0:59:a9:3d:68
- 2. 00:06:25:da:af:73. No, this is the first hop router.
- 3. 0x0800
- 4. 36 (it is the 37th byte)



- 5. 00:06:25:da:af:73. No, this is the "last" hop router.
- 6. 00:d0:59:a9:3d:68. Yes, this is the MAC address of the computer.
- 7. 0x800: IP
- 8. 43 (it is the 44th).



9. see below



- 10. source: 00:80:ad:73:8d:ce. Destination ff:ff:ff:ff:ff
- 11. 0x0806, type is ARP
- 12. a. 24 b. 1 for request c. yes d. Target HA octet.
- 13. a. 20 b. 2 for reply c. target IP
- 14. Source: 00:06:25:da:af:73 Dest: 00:d0:59:a9:3d:68
- 15. There is no ARP reply because the packet is intended for 192.168.1.104, which is not the host computer. Therefore, no ARP reply will be given from 192.168.1.105, and would not show up on the Wireshark trace. That is why the first two packets are a request and a reply as opposed to just a request.