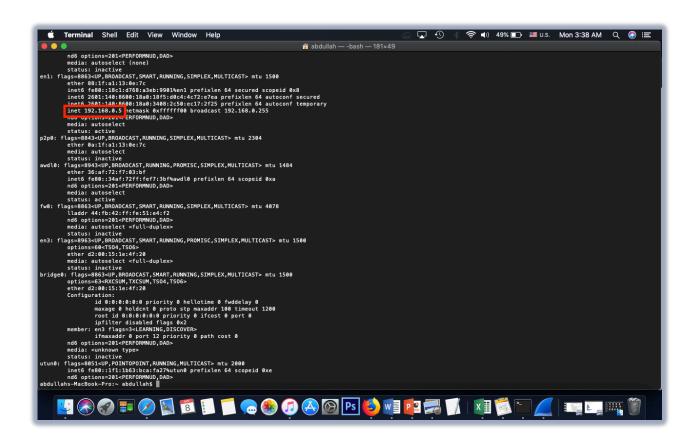
Abdullah Alrfeedi

IT-520

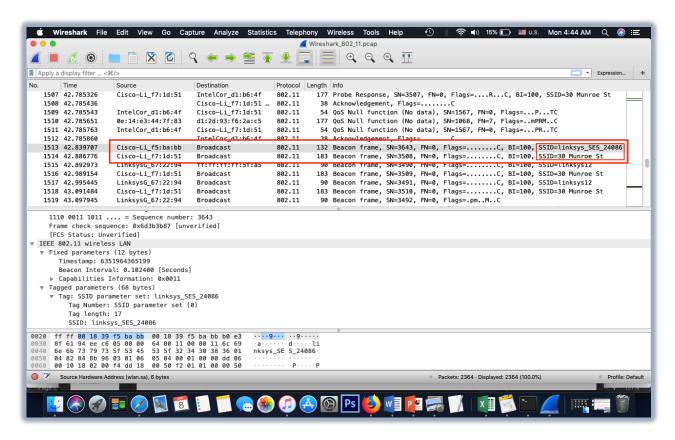
Lab #7

This is my IP address (192.168.0.5).



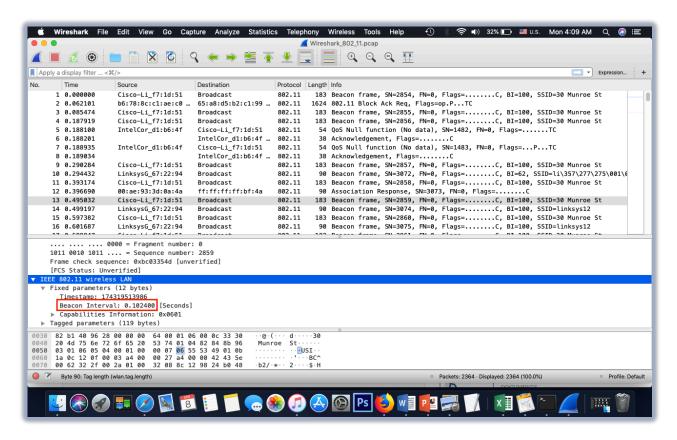
1) What are the SSIDs of the two access points that are issuing most of the beacon frames in this trace?

They are Linksys_SES_24086 and 30 Munroe St.



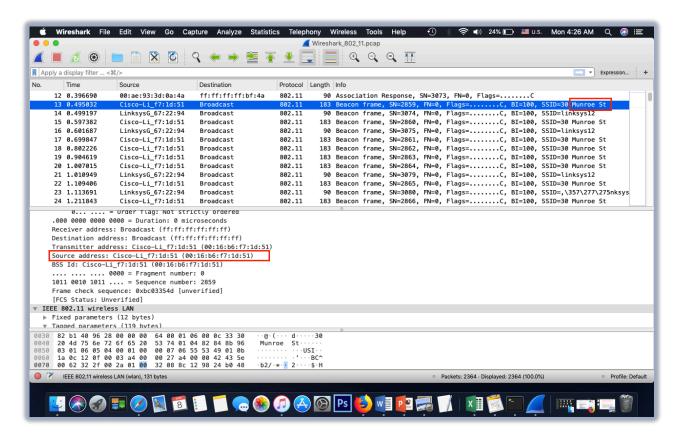
2) What are the intervals of time between the transmissions of the beacon frames the *linksys_ses_24086* access point? From the *30 Munroe St.* access point? (Hint: this interval of time is contained in the beacon frame itself).

They are both 0.102400 [Seconds]



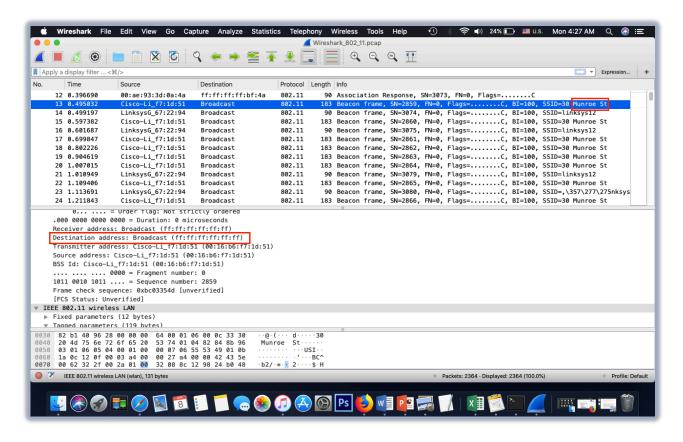
3) What (in hexadecimal notation) is the source MAC address on the beacon frame from *30 Munroe St*? Recall from Figure 7.13 in the text that the source, destination, and BSS are three addresses used in an 802.11 frame. For a detailed discussion of the 802.11 frame structure, see section 7 in the IEEE 802.11 standards document (cited above).

The source MAC address on the beacon frame from 30 Munroe St is (00:16:b6:f7:1d:51).



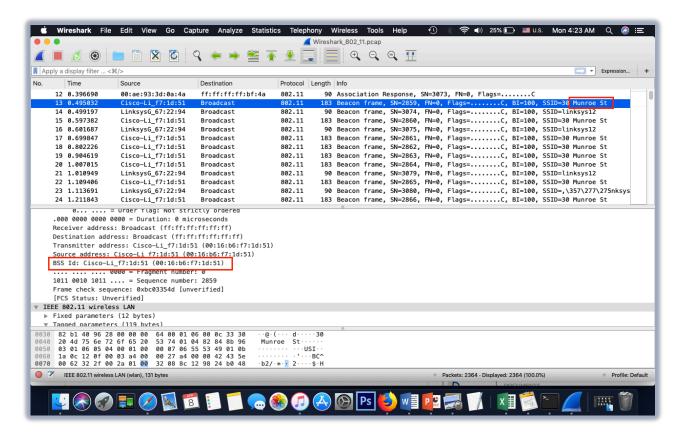
4) What (in hexadecimal notation) is the destination MAC address on the beacon frame from 30 Munroe St??

The destination MAC address on the beacon frame from 30 Munroe St is (ff:ff:ff:ff:ff:ff).



5) What (in hexadecimal notation) is the MAC BSS id on the beacon frame from 30 Munroe St?

The MAC BSS id on the beacon frame from 30 Munroe St is (00:16:b6:f7:1d:51).



The HTTP OK message:

```
Time
                      Source
                                           Destination
Protocol Length Info
   868 25.126724 128.119.245.12
                                           192.168.1.109
                                                                HTTP
      HTTP/1.1 200 OK (text/plain)
Frame 868: 400 bytes on wire (3200 bits), 400 bytes captured (3200 bits)
Radiotap Header v0, Length 24
802.11 radio information
IEEE 802.11 QoS Data, Flags: .....F.C
Logical-Link Control
Internet Protocol Version 4, Src: 128.119.245.12, Dst: 192.168.1.109
Transmission Control Protocol, Src Port: 80, Dst Port: 2538, Seq: 152154,
Ack: 436, Len: 298
[111 Reassembled TCP Segments (152451 bytes): #486(313), #488(1460),
#497(1460), #501(1460), #504(1460), #507(1460), #513(1460), #516(1460),
#523(1460), #527(1460), #532(1460), #535(1460), #542(1460), #549(1460),
#553(1460), #559(1460), #56]
Hypertext Transfer Protocol
Line-based text data: text/plain (3598 lines)
```