

Enterprise Infrastructure & Networks

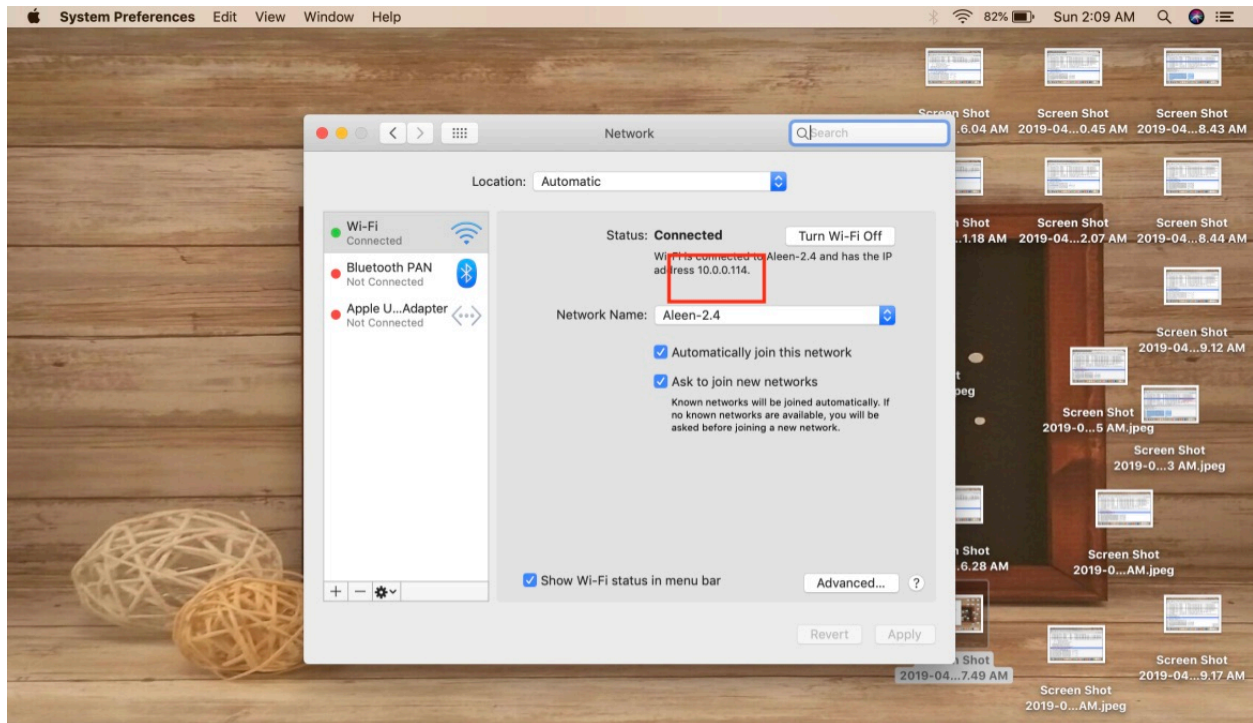
IT -520

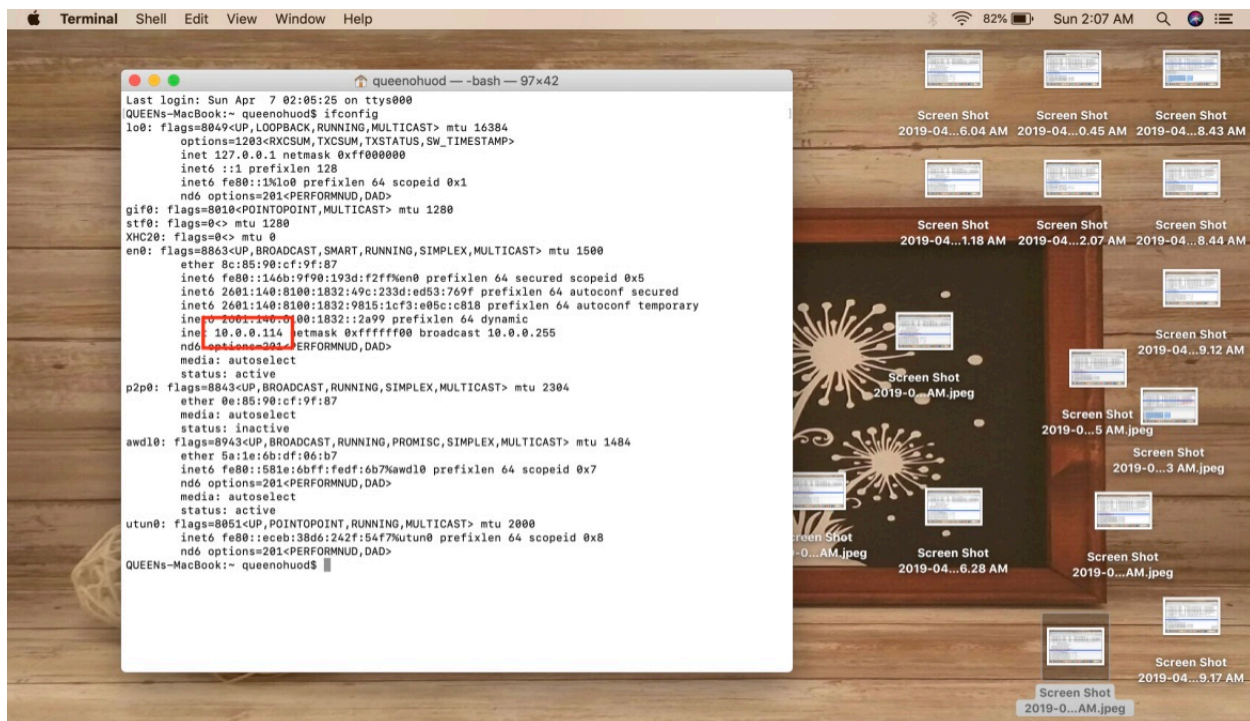
Due to: April/08/2019

Ohuod Althiyabi

The IP address is:

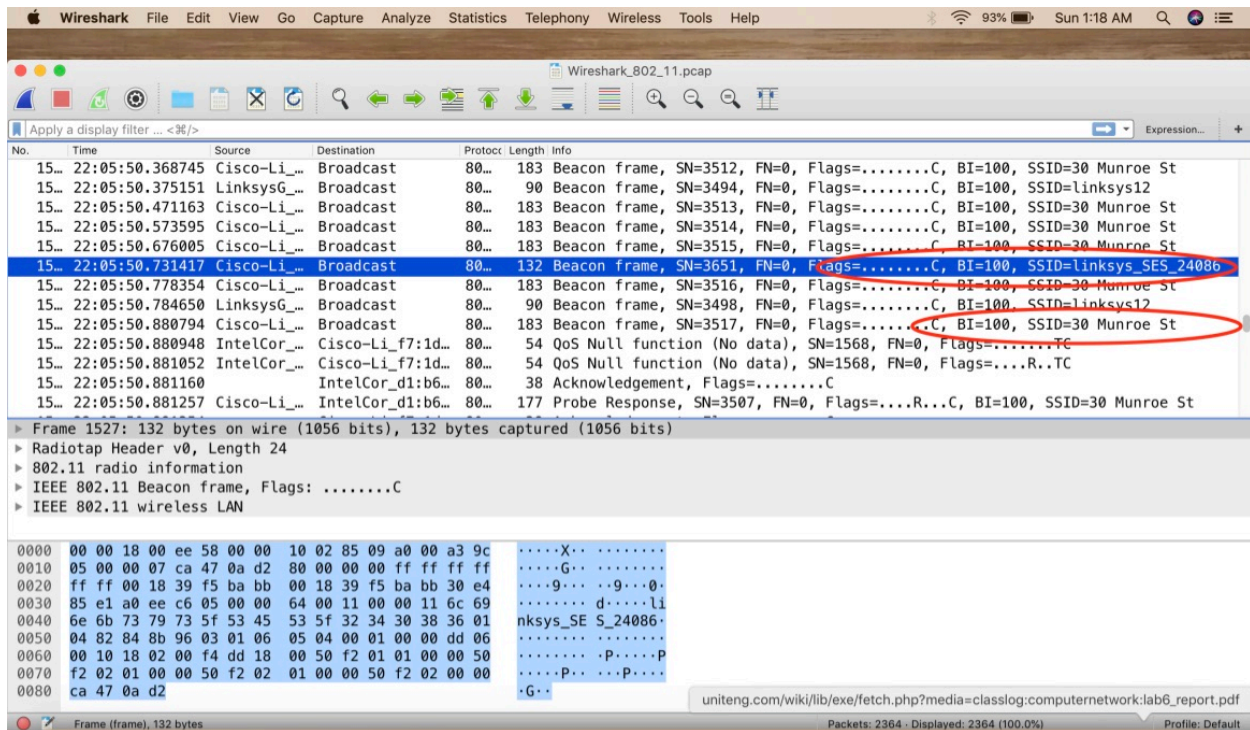
10.0.0.114





Questions1:

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



Answer:

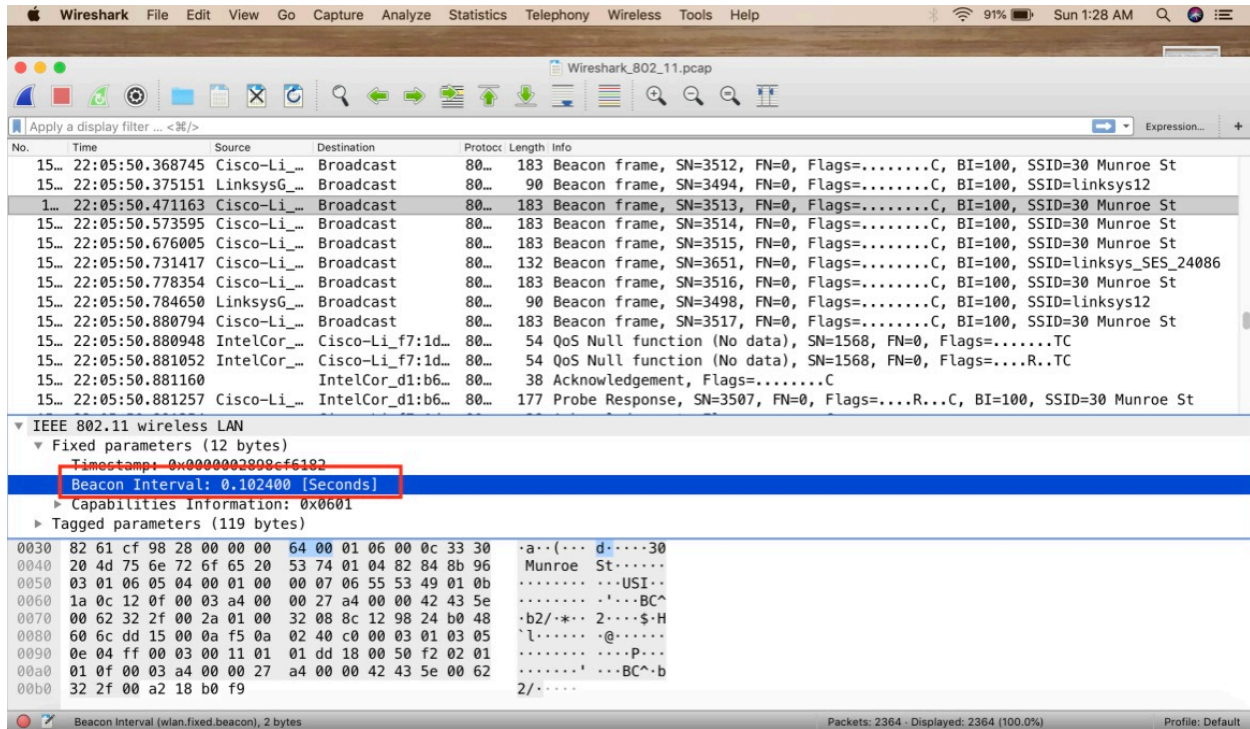
They are two SSID:

1-Linksys_SES_24086

2-30 Munroe St.

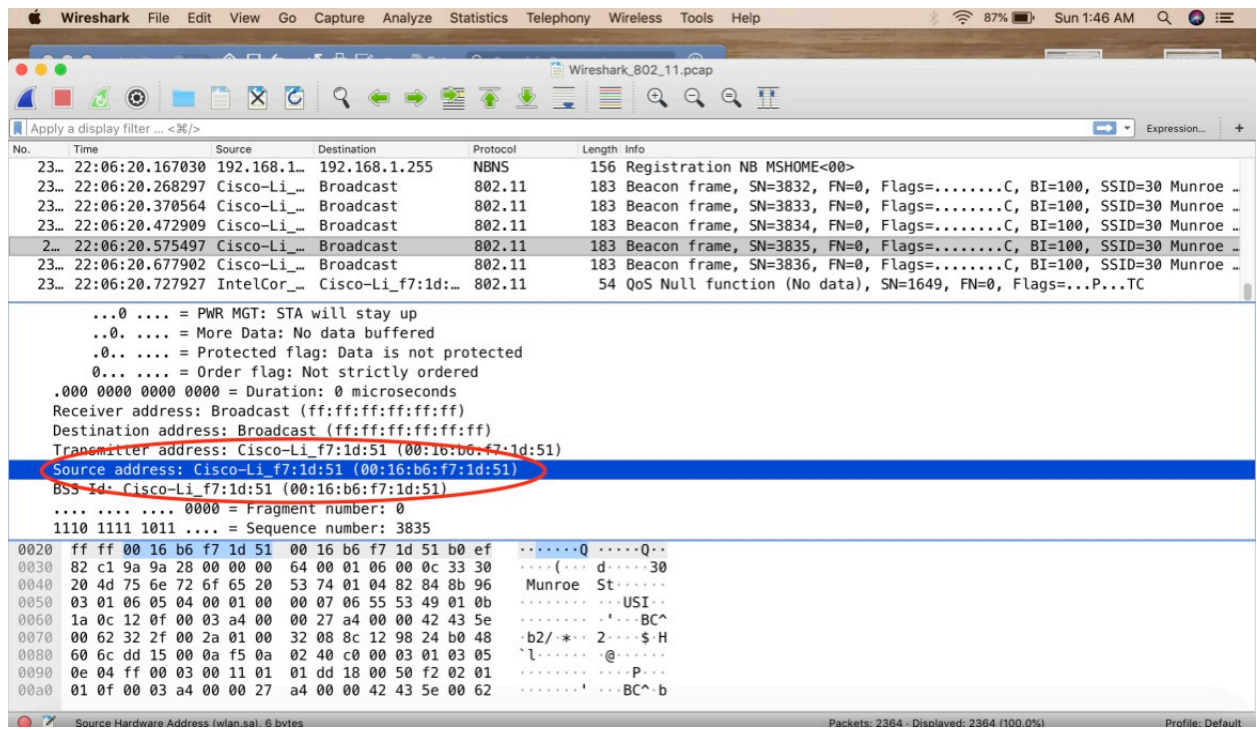
Question 2:

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).



Question 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).

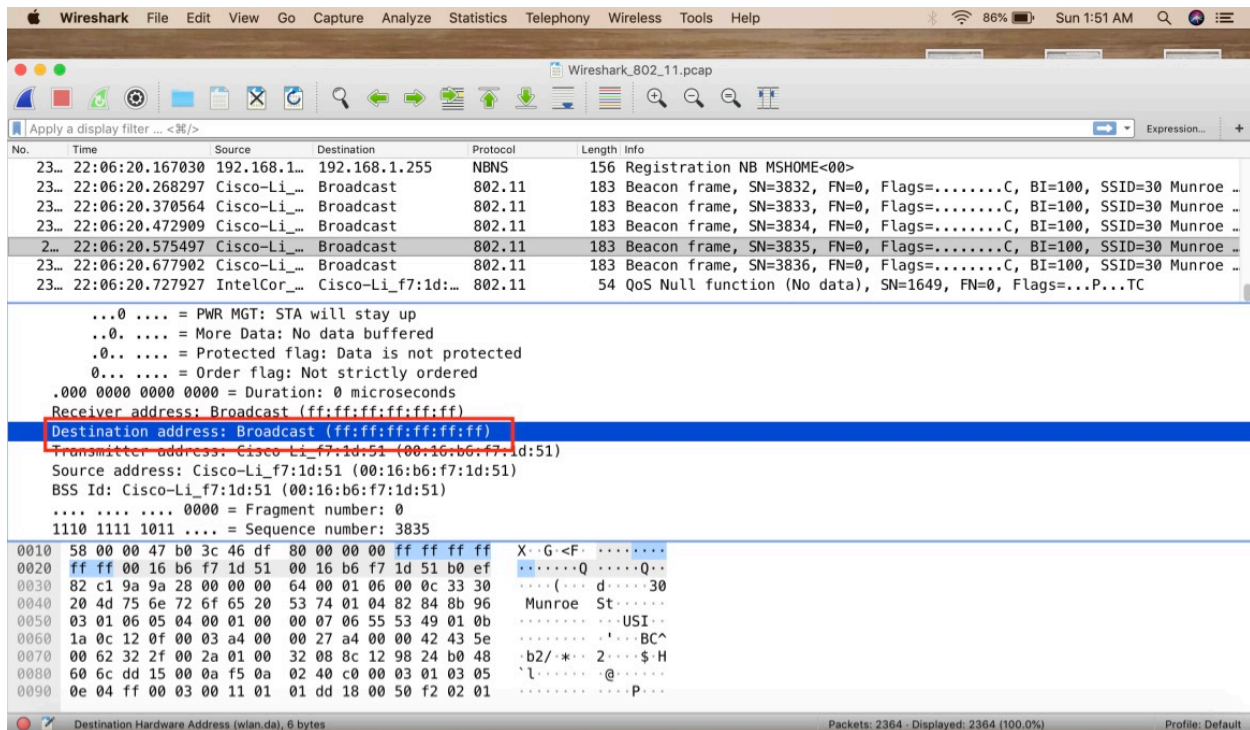


Answer:

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

Question 4:

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

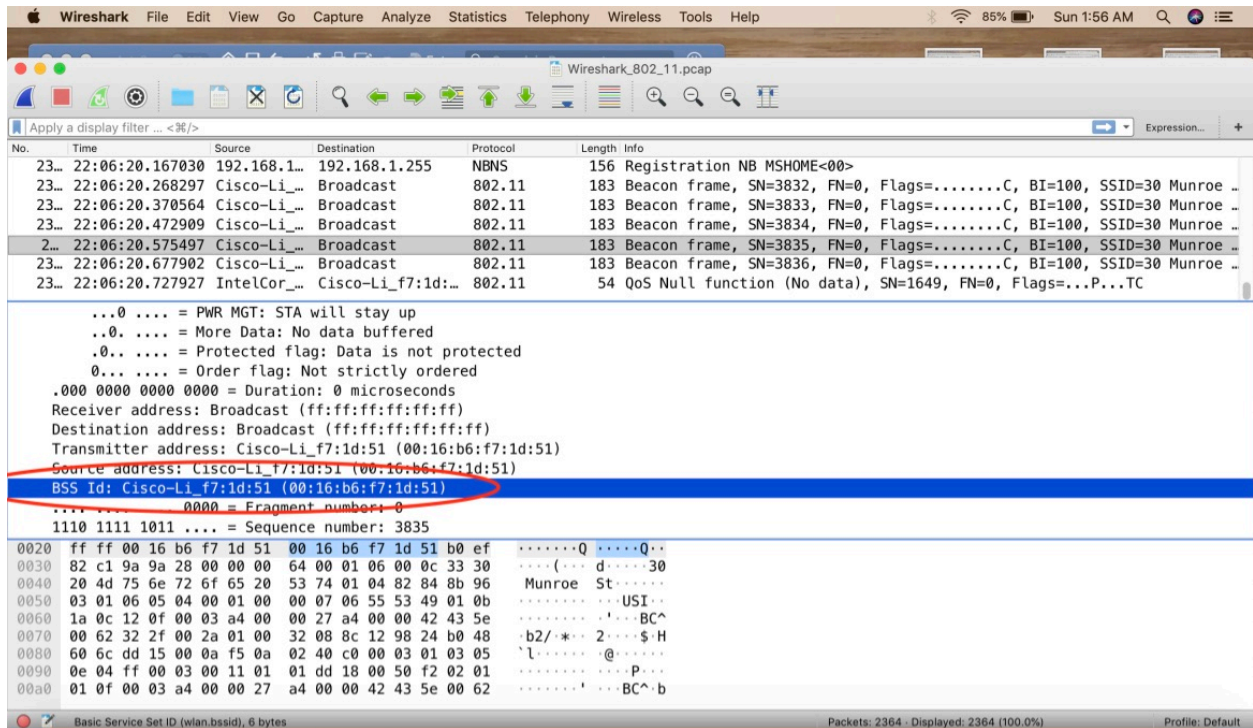


Answer:

The destination MAC is for broadcast. The destination MAC is (ff:ff:ff:ff:ff:ff)

Question 5:

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



Answer:

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