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CSC323-A

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**802.11**

* + 1. The SSID of the two access points that are issuing most of the beacon frames in this trace are 30 Munroe Street and linksys\_ses\_24086.
    2. The intervals of time between the transmissions of the beacon frames from the linksys access point is 1.215947. From the 30 Munroe St. access point, it is 1.314223.
    3. The source MAC address on the beacon frame from 30 Munroe Street is 00:16:b6:f7:1d:51.
    4. The destination MAC address on the beacon frame from 30 Munroe Street is ff:ff:ff:ff:ff:ff.
    5. The MAC BBS id on the beacon frame from 30 Munroe Street is 00:16:b6:f7:1d:51.
    6. The four data rates are 1, 2, 5.5, and 11. The extended support rates are 6, 9, 12, 18, 24, 36, 48, and 54.
    7. The three MAC addresses in the 802.11 frame is 00:12:02:41:b6:4f (Wireless host), 00:16:b6:f4:eb:a8 (access point), and 00:16:b6:f7:1d:51 (first-hop router). The IP address of the source is 192.168.1.109, and the destination IP is 128.119.25.12. The destination IP corresponds to the gaia.cs.umass.edu.
    8. The three MAC addresses in the 802.11 frame is 00:13:02:d1:b6:4f (wireless host), 00:16:b6:f4:eb:a8 (access point), and 00:16:b6:f7:1d:51 (first-hop router). Yes, the sender MAC corresponds to the device that sent the the TCP segment is 128.119.245.12.
    9. After t=49, the two actions taken to end the association with 30 Munroe Street is a DHCP protocol and a deauthentication protocol. One would have expected a disassociation protocol.
    10. At least 3 authentication messages are sent from the linksys access point.
    11. According to the authentication algorithm, the host wants to be open.
    12. I can't find a reply authentication.
    13. The time the authentication frame from the host to Monroe is 63.1698087, and the time the reply authentication was sent is 63.169.072.
    14. The time for the association request from host to AP is 63.169910, and the reply was sent at 63.192072.
    15. The rates the host is willing to work with are 1, 2, 5.5, and 11. The extended support rates are 6, 9, 12, 18, 24, 36, 48, and 54.
    16. For the probe request, the sender MAC is 00:13:02:d1:b6:4f, the receiver MAC is ff:ff:ff:ff:ff:ff, and the BBS ID MAC is ff:ff:ff:ff:ff:ff. For the probe response, the sender MAC is 00:16:b6:f7:1d:51, the receiver MAC is 00:13:02:d1:b6:4f, and the BSS ID MAC is 00:16:6:f7:1d:51. They're both used for finding access points.