**MARYMOUNT UNIVERSITY**

**Assignment:** IT520; Enterprise Infrastructure and Networks [Lab 7]

**Assigned:** April 03, 2018

**Instructor:** Dr. Ibrahim Waziri

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**QUESTIONS**

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

**ANSWER:** 30 Munroe St. and linksys12

A screenshot of a computer

Description generated with very high confidence

1. 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?

**ANSWER:** Time Interval between linksys\_ses\_24086 Beacon Interval (0.102400) and 30 Munroe St Beacon Interval (0.102400) = 0 seconds as shown in IEEE 802.11 Wireless LAN, Fixed Parameter Field

***Fig.1: 30 Munroe St Frame Interval Time***

A screenshot of a computer

Description generated with very high confidence

***Fig.2: Linksys\_SES\_24086 Frame Interval Time***

A screenshot of a computer

Description generated with very high confidence

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

**ANSWER:** 00:16:b6:f7:1d:51

A screenshot of a cell phone

Description generated with very high confidence

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

**ANSWER:** ff:ff:ff:ff:ff:ff. This is because 30 Munroe St is broadcasting to any available wireless host that can connect

A screenshot of a cell phone

Description generated with very high confidence

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

**ANSWER:** 00:16:b6:f7:1d:51

A screenshot of a cell phone

Description generated with very high confidence