

C1-M3-L1: Analyze Network Traffic*Coursera Pathway Security (Course 1)*

Congratulations, you passed!

*Duration: 3 minutes, 42 seconds***Quiz***Score: 4/4, 100%*

☒ The local network must use 192.168.0.0/24 as its IP addressing scheme. *Score: 1*

- ☒ Yes
☐ No

Correct

☒ The network must have DNS services capable of resolving local and Internet names. *Score: 1*

- ☒ Yes
☐ No

Correct

☒ The network router's web administration interface must be accessed using a secure protocol. *Score: 1*

- ☐ Yes
☒ No

Correct

☒ **Retries** *Score: 1*

Bonus mark awarded for first attempt

☒ Looking at the top pane, the fields show the source and destination addresses of each frame, plus the protocol it is transporting. Which protocol is being transported in the first frame? *Score: 1*

SUCCESS: You analyze a packet capture to identify the protocol type of a frame

- ☒ What method of encapsulation is used for the frame?

Score: 1

ethernet

SUCCESS: You analyzed a frame to identify the encapsulation type

- ☒ What is the source address of the first frame?

Score: 1

00:15:5d:00:65:67

SUCCESS: You analyzed a frame to identify a source MAC address

- ☒ What is the destination port number?

Score: 1

53

SUCCESS: You analyzed a frame to identify the destination port number

- ☒ In the middle pane, observe the fourth summary line: what type of protocol is used to identify the port number?

Score: 1

user datagram protocol

SUCCESS: You analyzed a packet to identify the type of transport protocol

- ☒ What type of protocol is used to identify the port number in frame #5?

Score: 1

tcp

SUCCESS: You selected and analyzed a packet to identify the type of transport protocol

- ☒ Analyze the DNS headers in frames #3 and #4 and the summary in the "Info" field. What is the name of the host with IP address 192.168.0.1?

Score: 1

openwrt.local

SUCCESS: You selected and analyzed packets to identify a host name

- ☒ Can you identify the name of the host with IP address 192.168.0.236 from frames #3 and #4?

Score: 1

- ☒ No
☐ Yes

SUCCESS: You identified information that could not be obtained from analyzing the frame



What is the source port for frame #5?

Score: 1

49920

SUCCESS: You selected and analyzed a frame to identify a source port value



What is the IP address of neverssl.com?

Score: 1

34.223.124.45

SUCCESS: You selected and analyzed a DNS packet to identify an IP address



What host owns the destination MAC address for this frame?

Score: 1

- ☒ router host (192.168.0.1)
- ☐ client host (192.168.0.236)
- ☐ neverssl.com host

SUCCESS: You analyzed a frame to identify a destination hardware address