

Understand network traffic

Capture and view network traffic

Packet inspection

Review: Network monitoring and analysis

Video: Wrap-up

53 sec

Reading: Glossary terms from week 2

10 min

Quiz: Weekly challenge 2

10 questions

Grade received 100%

Latest submission Grade 100%

To pass 80% or higher

Go to next item

Weekly challenge 2

Quiz • 50 min

Review Learning Objectives

1. Fill in the blank: \_\_\_\_\_ describes the amount of data that moves across a network.

1 / 1 point

Submit your assignment

3 every 24 hours

Try again

Correct To Pass 80% or higher

2. What tactic do malicious actors use to maintain and expand unauthorized access into a network?

1 / 1 point

Phishing

Correct Lateral movement

Exfiltration

Data size reduction

Correct

3. What information do packet headers contain? Select three answers.

1 / 1 point

Correct Protocols

Correct IP addresses

Correct Ports

Correct Payload data

4. Do packet capture files provide detailed snapshots of network communications?

1 / 1 point

Correct Yes. Packet capture files provide information about network data packets that were intercepted from a network interface.

No. Packet capture files do not contain detailed information about network data packets.

Maybe. The amount of detailed information packet captures contain depends on the type of network interface that is used.

Correct

5. Network protocol analyzer tools are available to be used with which of the following? Select two answers.

1 / 1 point

Correct Internet protocol

Correct Network interface card

Correct Command-line interface

Correct Graphical user interface

6. Which layer of the TCP/IP model is responsible for accepting and delivering packets in a network?

1 / 1 point

Correct Network Access

Application

Correct Internet

Transport

7. Which IPv4 header fields involve fragmentation? Select three answers.

1 / 1 point

Correct Fragment Offset

Correct Flags

Correct Identification

Type of Service

8. Which IPv4 field uses a value to represent a standard, like TCP?

1 / 1 point

Total Length

Version

Correct Protocol

Type of Service

Correct

9. Which tcpdump option is used to specify the capture of 5 packets?

1 / 1 point

-v 5

-i 5

Correct -c 5

-n 5

Correct

10. Examine the following tcpdump output:

1 / 1 point

22:00:19.538395 IP (tos 0x10, ttl 64, id 33842, offset 0, flags [P], proto TCP (6), length 196) 198.168.105.1.41012 > 198.111.123.1.61012: Flags [P.], cksum 0x50af (correct), seq 169, ack 187, win 501, length 42

Which protocols are being used? Select two answers.

TOS

Correct IP

Correct

UDP

Correct TCP

Correct