

Get started with the course

Introduction to networks

Network communication

Local and wide network communication

Review: Network architecture

Video: Wrap-up

39 sec

Reading: Glossary terms from week 1

10 min

Quiz: Weekly challenge 1

10 questions

✔ Congratulations! You passed!

Grade received 97.50%

Latest Submission Grade 97.50%

Quiz • 50 min

To pass 80% or higher

Go to next item

Review Learning Objectives

1. Fill in the blank: A \_\_\_\_ is a network that spans a large geographic area, like a city, state, or country.

1 / 1 point

Modem

Cloud

LAN

WAN

Submit your assignment

Due Jun 11, 11:59 PM +08

Attempts 3 every 24 hours

Receive grade

Correct To Pass 80% or higher

Try again

Your grade 97.50%

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2. A \_\_\_\_ broadcasts information to every device on the network.

1 / 1 point

router

modem

hub

switch

Correct

3. Which network device makes connections between specific devices on a network by sending and receiving data between them?

1 / 1 point

A switch

A router

A hub

A modem

Correct

4. A security professional is investigating the benefits and drawbacks of using a cloud service provider (CSP). What are some reasons why the security professional might choose to use a CSP in their work? Select all that apply.

1 / 1 point

☒ A CSP provides business analytics to monitor web traffic and sales.

Correct

☒ A CSP offers processing power that is only paid for as needed.

Correct

☐ CSP services may be accessed even when a business is not connected to the internet.

☒ CSP remote servers allow web applications to be accessed from any location.

Correct

5. What is the purpose of the footer of a data packet?

1 / 1 point

To signal to the receiving device that the packet is finished

To identify the message to be transmitted to the receiving device

To show the MAC address of the destination device

To contain the source IP address

Correct

6. Fill in the blank: \_\_\_\_ refers to the practice of using remote servers, applications, and network services that are hosted on the internet, instead of in a physical location owned by a company.

1 / 1 point

Cloud computing

Software defined networks (SDNs)

Hybrid cloud environment

Local area network (LAN)

Correct

7. A security analyst is accessing a webpage that uses HTTPS. The analyst scans the network to see what ports are active. Which port number is used for HTTPS webpages?

1 / 1 point

40

443

20

25

Correct

8. A security analyst uses the TCP/IP model to visualize how data is organized and transmitted across their company's network. The analyst inspects the transmission of data packets, such as the switches that direct data to its destination. Which layer are they investigating?

0 / 1 point

Layer 1, network access

Layer 2, internet

Layer 3, transport

Layer 4, application

Incorrect

Please review [the video about the layers of the TCP/IP model](#).

9. Which of the following addresses is an accurate IPv4 address?

1 / 1 point

129.168.10.256

1001.2345.3234.5678

100.234.56.1.3

192.168.0.2

Correct

10. Fill in the blank: fe80:ab12:cd34:ef56:0023:2345 is an example of an accurate \_\_\_\_ address.

1 / 1 point

IPv6

MAC

Ethernet

IPv4

Correct