

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%

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Quiz • 50 min

To pass 80% or higher

Go to next item

Review Learning Objectives

1. What type of network spans an office building, a school, or a home?

1 / 1 point

○ Modem

○ WAN

● LAN

○ Cloud

📝 Submit your assignment

Due Jun 11, 11:59 PM +08

Attempts 3 every 24 hours

👍 Receive grade

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2. Fill in the blank: A computer sends information to the router and the router then transfers information through a ____ to the internet.

1 / 1 point

○ LAN

○ switch

● modem

○ hub

👍 Correct

3. Fill in the blank: A ____ is a device that makes connections between specific devices on a network by sending and receiving data between them.

1 / 1 point

● switch

○ hub

○ modem

○ router

👍 Correct

4. Which of the following are benefits for businesses that are considering using a cloud service provider (CSP)? Select all that apply.

0.75 / 1 point

☑ CSP remote servers allow online services to be accessed from any location.

👍 Correct

☐ CSP data and devices are more secure because they are stored locally.

☐ CSPs provide business analytics to monitor web traffic and sales.

☑ CSPs offer on-demand storage.

👍 Correct

You didn't select all the correct answers

5. What information is included in the body of a data packet?

1 / 1 point

● The message to be transmitted to the receiving device

○ The protocol number

○ The signal that tells the receiving device that the packet is finished transferring

○ The MAC address

👍 Correct

6. What are two benefits of cloud computing and software defined networks (SDNs)? Select two answers.

1 / 1 point

☑ Increased scalability

👍 Correct

☐ Decreased reliability

☑ Decreased cost

👍 Correct

☐ Increased attack surface

7. Which one of the following port numbers is used for large file transfers?

1 / 1 point

○ 37

○ 25

○ 443

● 20

👍 Correct

8. Which layer is responsible for establishing a connection between a source and a destination device?

1 / 1 point

○ Layer 1, network access

○ Layer 2, internet

● Layer 3, transport

○ Layer 4, application

👍 Correct

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

1 / 1 point

○ 1001.2345.3234.5678

○ 100.234.56.1.3

● 192.168.0.2

○ 129.168.10.256

👍 Correct

10. A security analyst runs a command to discover a local IP address. The analyst receives the following result: fd45:3efd:3201:ff22:0000:0000:12ff:0000. What type of address is this?

1 / 1 point

● IPv6

○ IPv4

○ Ethernet

○ MAC

👍 Correct

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