

Introduction

The Network Layer

Subnetting

Routing

Graded Assessments

✓ Reading: Module 2 Glossary

10 min

✓ Reading: Graded Plugin

10 min

✓ Quiz: Routing Paths and Subnets

1 question

✓ Quiz: The Network Layer

10 questions

🎉 Congratulations! You passed!

Grade received 100%

Latest Submission Grade 100%

To pass 80% or higher

Go to next item

📄 Submit your assignment

Due May 28, 11:59 PM +08

Attempts 3 every 24 hours

100%

✓ Receive grade

To Pass 80% or higher

1 / 1 point

Try again

👍 Like

👎 Dislike

📄 Report an issue

1 / 1 point

View Feedback

We keep your highest score

1. What is eight-bit?

☐ Figure eight

☐ Octuplet

☒ Octet

☐ Octoploid

✓ Correct

2. There are \_\_\_\_ octets in an IP address.

☐ 2

☒ 4

☐ 8

☐ 16

✓ Correct

3. In a datagram, what does the flag field indicate?

☐ If a datagram is high or low priority

☐ If a datagram should be scanned for viruses

☒ If a datagram is allowed to or has already been fragmented

☐ If a datagram has degraded and become unusable

✓ Correct

4. Which IP address is Class C?

☐ 172.38.14.72

☒ 192.37.48.98

☐ 224.24.45.69

☐ 128.42.39.72

✓ Correct

5. What does ARP stand for?

☒ Address Resolution Protocol

☐ Aggressive Resource Protection

☐ Anonymous Resource Protocol

☐ Augmented Resolution Picture

✓ Correct

6. What does CIDR stand for?

☐ Costless Inter-Data Routing

☒ Classless Inter-Domain Routing

☐ Clear Inter-Developer Relations

☐ Classic Intra-Demo Ratings

✓ Correct

7. A router is performing basic routing functions. What is the first step in the transmission of a packet?

☐ The router examines the destination IP of this packet.

☒ A router receives a packet of data.

☐ Check the routing table.

☐ Sent an ARP response.

✓ Correct

8. Which of the following are a type of interior gateway protocol? (Choose all that apply)

☐ TFTP (Trivial File Transfer Protocol)

☒ Link state routing protocols

☐ RDP (Remote Desktop Protocol)

☒ Distance-vector protocols

✓ Correct

9. What protocol communicates data between routers representing the edges of autonomous systems?

☐ Link state

☒ Exterior gateway

☐ Interior gateway

☐ Distance-vector

✓ Correct

10. What does RFC stand for?

☐ Redundant Frame Controller

☐ Realtime Frame Check

☒ Request For Comments

☐ Routing Frequency Control

✓ Correct