Module 14-15 Quizzes

Due Jun 28 at 4pm   **Points** 10   **Questions** 10   **Available** Jun 28 at 2:55pm - Jun 28 at 4pm about 1 hour
Time Limit 20 Minutes

Attempt History

	Attempt	Time	Score
LATEST	[Attempt 1](#)	3 minutes	10 out of 10

ⓘ Correct answers are hidden.

Score for this quiz: **10** out of 10
Submitted Jun 28 at 3:11pm
This attempt took 3 minutes.

Question 1	1 / 1 pts

Which transport layer feature is used to guarantee session establishment?

○ TCP port number

○ UDP sequence number

○ TCP 3-way handshake

○ UDP ACK flag

Question 2

1 / 1 pts

What is the complete range of TCP and UDP well-known ports?

◉ 0 to 1023

○ 0 to 255

○ 1024 – 49151

○ 256 – 1023

Question 3

1 / 1 pts

What is a socket?

- ◉ the combination of a source IP address and port number or a destination IP address and port number

- ○ the combination of the source and destination sequence numbers and port numbers

- ○ the combination of the source and destination IP address and source and destination Ethernet address

- ○ the combination of the source and destination sequence and acknowledgment numbers

Question 4

1 / 1 pts

What does a client do when it has UDP datagrams to send?

- ○ It queries the server to see if it is ready to receive data.

- ○ It sends a simplified three-way handshake to the server.

- ○ It sends to the server a segment with the SYN flag set to synchronize the conversation.

- ◉ It just sends the datagrams.

Question 5

1 / 1 pts

What information is used by TCP to reassemble and reorder received segments?

○ fragment numbers

○ port numbers

◉ sequence numbers

○ acknowledgment numbers

Question 6

1 / 1 pts

Which two characteristics are associated with UDP sessions? (Choose two.)

☑ Destination devices receive traffic with minimal delay.

☑ Received data is unacknowledged.

☐ Destination devices reassemble messages and pass them to an application.

☐ Unacknowledged data packets are retransmitted.

☐ Transmitted data segments are tracked.

Question 7

1 / 1 pts

What is a characteristic of UDP?

- ⦿ UDP reassembles the received datagrams in the order they were received.

- ○ Applications that use UDP are always considered unreliable.

- ○ UDP datagrams take the same path and arrive in the correct order at the destination.

- ○ UDP only passes data to the network when the destination is ready to receive the data.

Question 8

1 / 1 pts

How are port numbers used in the TCP/IP encapsulation process?

○ Source port numbers and destination port numbers are not necessary when UDP is the transport layer protocol being used for the communication.

○ Destination port numbers are assigned automatically and cannot be changed.

◉ If multiple conversations occur that are using the same service, the source port number is used to track the separate conversations.

○ Source port and destination port numbers are randomly generated.

Question 9

1 / 1 pts

What is the function of the HTTP GET message?

○ to retrieve client email from an email server using TCP port 110

○ to upload content to a web server from a web client

○ to send error information from a web server to a web client

◉ to request an HTML page from a web server

Question 10

Which OSI layer provides the interface between the applications used to communicate and the underlying network over which messages are transmitted?

○ presentation

○ transport

◉ application

○ session

Quiz Score: **10** out of 10