Content Quiz 10-1: Computer Networks - Parts 4 - 6 (The OSI Model, TCP/IP & Wireshark)

Due Oct 27 at 2:15pm **Points** 10 **Questions** 10 **Time Limit** None

Allowed Attempts Unlimited

Instructions

Complete this quiz while watching the Computer networks - Part 4 video and the two Wireshark videos. You may attempt this quiz multiple times.

Take the Quiz Again

Attempt History

| | Attempt | Time | Score |
|--------|-----------|------------|----------------|
| LATEST | Attempt 1 | 13 minutes | 7.57 out of 10 |

(!) Correct answers are hidden.

Score for this attempt: 7.57 out of 10

Submitted Oct 27 at 1:50pm This attempt took 13 minutes.

| Question 1 | | 1 / 1 pts |
|------------------|--|-----------|
| The Open System | ns Interconnection (OSI) model specifies the | |
| responsibilities | of each layer, but does not specify what | |
| protocols | each layer will use. | |
| Answer 1: | | |
| responsibilitie | es . | |

Answer 2: protocols

| Question 2 | 1/1 | ots |
|---|-----------------------------|-----|
| Match the OSI layer with its responsibili | ty | |
| Application Layer | Handles the user interfa ➤ | |
| Presentation Layer | Handles formatting the ← ✓ | |
| Session Layer | Handles the initiation, m ➤ | |
| Transport Layer | Handles the transfer of ι ∨ | |
| Network Layer | Handles the path or roul ❖ | |
| Data Link Layer | Handles the transmissio ➤ | |
| Physical Layer | Handles the transmissio ➤ | |
| | | |

| Question 3 | 1 / 1 pts |
|------------|-----------|
| | |
| | |

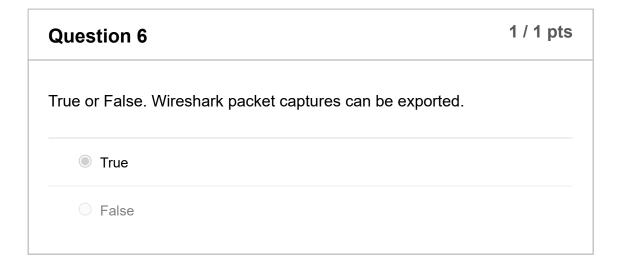
| Unlike in the OSI Model, reference model itself. | are specified and are part of the TCP/IP |
|--|--|
| protocols | |

| Question 4 | 1 / 1 pts |
|--|---------------------------|
| | |
| In the TCP/IP model, the application | layer covers the same |
| functionality as the application, presentation, OSI model. | and session layers in the |
| The Internet layer in the TCP/IP model corres | sponds with the |
| network layer in the OSI model. | |
| The link layer in the TCP/IP i | model corresponds with |
| the the data link and physical layers in the O | SI model. |
| Answer 1: application | |
| Answer 2: | |
| | |
| network | |
| Answer 3: | |
| link | |
| | |

Question 5 1 / 1 pts

Wireshark is software that can capture ____ that are sent and received over your network for analysis.

packets



Proxy servers and firewalls operate at the _____ layer.

network

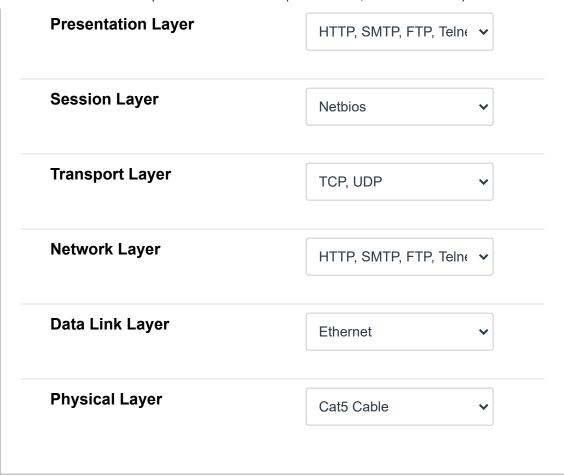
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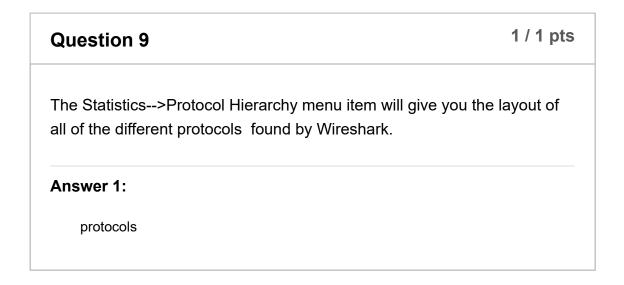
Question 8

Match the OSI layer with the protocols.

Application Layer

ASCII, MP3, JPEG, MPI





Incorrect

Question 10 0 / 1 pts

In Wireshark, you can see that *frame* corresponds to the ____ layer and you will be able to similarly see how different protocols correspond to different layers in the OSI model.

| 10/28/22, 1:03 PM C | Content Quiz 10-1: Computer Networks - F | Parts 4 - 6 (The OSI Model, | , TCP/IP & Wireshark): 2022 | 280-Fall 2022-ITSC-3146-002-In |
|---------------------|--|-----------------------------|-----------------------------|--------------------------------|
|---------------------|--|-----------------------------|-----------------------------|--------------------------------|

Quiz Score: 7.57 out of 10