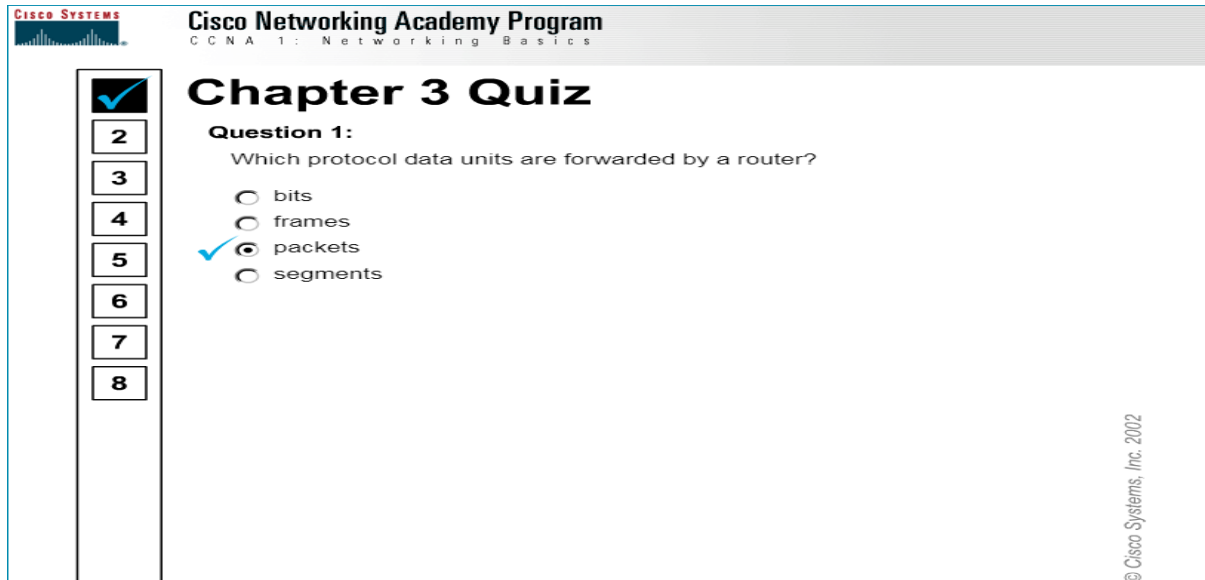
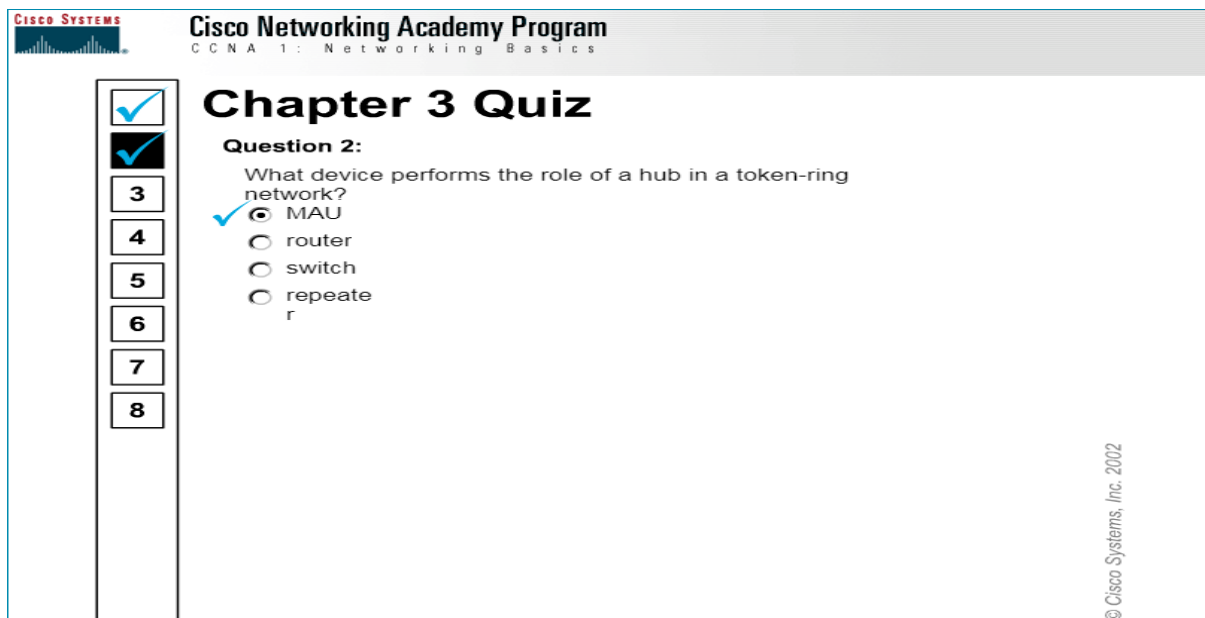


KOMUNIKASI DATA QUIZ



The screenshot shows the Cisco Networking Academy Program interface for a Chapter 3 Quiz. The header includes the Cisco Systems logo and the text "Cisco Networking Academy Program CCNA 1: Networking Basics". The quiz title is "Chapter 3 Quiz". On the left, there is a vertical list of question numbers from 1 to 8, with question 1 selected and marked with a checkmark. The question text is "Question 1: Which protocol data units are forwarded by a router?". The options are: bits, frames, packets, and segments. The "packets" option is selected with a radio button and a checkmark. A copyright notice "© Cisco Systems, Inc. 2002" is visible on the right side.

Paket adalah tipe data yang dikirimkan melalui network layer menuju transport atau data link layer. Paket adalah enkapsulasi dari data dan segments atau dekapsulasi dari bits dan frame, tergantung alur data menuju destination atau source.



The screenshot shows the Cisco Networking Academy Program interface for a Chapter 3 Quiz. The header includes the Cisco Systems logo and the text "Cisco Networking Academy Program CCNA 1: Networking Basics". The quiz title is "Chapter 3 Quiz". On the left, there is a vertical list of question numbers from 1 to 8, with question 2 selected and marked with a checkmark. The question text is "Question 2: What device performs the role of a hub in a token-ring network?". The options are: MAU, router, switch, and repeater. The "MAU" option is selected with a radio button and a checkmark. A copyright notice "© Cisco Systems, Inc. 2002" is visible on the right side.

MAU (Media Access Unit) adalah sebuah alat yang berfungsi membagi beberapa network station dengan topologi star menjadi jaringan token ring dengan dihubungkan secara internal ke station lain.

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Chapter 3 Quiz

Question 3:
What is the topology if one central hub has four hubs connected to it, and each of those four hubs has four workstations attached?

- a bus
- a ring
- a star
- an extended star

4
5
6
7
8

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Extended star adalah sebuah pengembangan dari topologi star yang cakupannya lebih luas. Topologi star di bangun dengan satu hub sebagai central dan 4 hub lainnya tersambung ke client. Sedangkan extended star merupakan topologi yang lebih besar dari topologi star tersebut.

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Chapter 3 Quiz

Question 4:
Which of the following is a reason that hubs are considered Layer 1 devices?

- They deal only with bits
- They encode data as bits
- They control access to the shared media
- They perform parity checks on the bit stream.

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Alasan mengapa hub hanya merupakan perangkat layer 1 karena perangkat ini hanya berkecimpung di bilangan biner yang merupakan kode mesin dari data yang terenkapsulasi. Sebagaimana diketahui bahwa tipe data yang berada di layer 1 physical adalah bit.

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Chapter 3 Quiz

Question 5:
Which of the following statements regarding switches is correct?

- Switches encapsulate segments into packets
- Switches regulate traffic based on Layer 1 addressing
- Switches designed for Token Ring networks are known as MAUs
- Switches combine the connectivity of a hub with the traffic regulation of a bridge.

6
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Switch adalah perangkat jaringan yang memiliki fungsi layaknya menggabungkan konektivitas sebuah hub dengan lalu lintas data sebuah bridge.

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Chapter 3 Quiz

Question 6:
Which networking device can make traffic forwarding decisions based on IP addressing?

- bridge
- hub
- router
- MAU

7
8

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Router adalah alat yang salah satu fungsinya memberikan jalur terhadap data enkapsulasi yang berasal dari source menuju ke destination, atau lebih simpelnya penunjuk arah atau alamat ke tujuan.

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Chapter 3 Quiz

Question 7:
A 'networking cloud' symbol can be used to represent all of the following EXCEPT:

- devices at all seven layers of the OSI model
- a single device such as a WAN switch or router
- another network, a collection of networks, or the entire Internet
- a large group of details that are not pertinent to a situation, or description, at a given time

8

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Sebuah Switch WAN atau router tidak dapat disimbolkan dengan networking cloud karena jangkannya yang terlalu sempit. Sedangkan untuk penyimbolan networking cloud setidaknya mencakup satu negara atau benua.

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Chapter 3 Quiz

Question 8:
Which function performed by a NIC is classified as a Layer 2 activity?

- encapsulating data into packets
- encoding bits as electrical signals
- assigning network addresses to direct data
- controlling a host's access to the network medium

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Salah satu fungsi network adapter atau NIC pada layer kedua adalah sebagai pengendali akses pengguna ke perangkat jaringan seperti hub ataupun modem.