

NAMA: RENALDI PERMANA

KELAS: SK A4 BUKIT

MATA KULIAH : KOMUNIKASI DATA

No. 1

The screenshot shows a quiz interface for 'Chapter 3 Quiz' under the 'Cisco Networking Academy Program'. The question is: 'Which protocol data units are forwarded by a router?'. The options are: bits, frames, packets, and segments. The 'packets' option is the correct answer. The interface includes a sidebar with numbered buttons (1-8) and a right-hand panel with instructions and a gear background.

Jawaban : C. Packets

packet adalah satuan informasi dasar yang dapat ditransmisikan di atas jaringan atau melalui saluran komunikasi digital. Sebuah paket berisi *packet header* yang berisi informasi mengenai protokol tersebut (informasi mengenai jenis, sumber, tujuan, atau informasi lainnya),

No.2

The screenshot shows a quiz interface for 'Chapter 3 Quiz' under the 'Cisco Networking Academy Program'. The question is: 'What device performs the role of a hub in a token-ring network?'. The options are: MAU, router, switch, and repeater. The 'repeater' option is the correct answer. The interface includes a sidebar with numbered buttons (1-8) and a right-hand panel with instructions and a gear background.

Jabawan: D. REPEATER

Repeater

adalah Suatu perangkat yang dipasang di titik-titik tertentu dalam jaringan untuk memperbarui sinyal-sinyal yang di transmisikan agar mencapai kembali kekuatan dan bentuknya yang semula, guna memperpanjang jarak yang dapat di tempuh

No.3

The screenshot shows a quiz interface for Chapter 3, Local Area Networks (LANs). The question asks for the topology of a central hub connected to four other hubs, each with four workstations. The options are: a bus, a ring, a star, and an extended star. The interface includes a sidebar with question numbers 1-8, a main content area with the question and options, and a right sidebar with instructions and a gear icon. The footer contains navigation buttons: Review, Index, Quiz, Glossary, Back, and Next.

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Jawaban: B. topology ring

Topologi ring merupakan jenis dari topologi jaringan yang mana bentuk dari rangkaianannya masing masing tersambung pada dua titik yang lainnya, Sehingga dapat membentuk seperti jalur lingkaran menyerupai cincin. Biasanya kabel yang digunakan pada topologi ring adalah kabel BNC yang tidak terdapat ujung sehingga tidak membutuhkan terminator.

No 4

The screenshot shows a quiz interface for Chapter 3, Local Area Networks (LANs). The question asks for a reason that hubs are considered Layer 1 devices. The options are: They deal only with bits, They encode data as bits, They control access to the shared media, and They perform parity checks on the bit stream. The interface includes a sidebar with question numbers 1-8, a main content area with the question and options, and a right sidebar with instructions and a gear icon. The footer contains navigation buttons: Review, Index, Quiz, Glossary, Back, and Next.

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Jawaban: c. they control access to the shared media

HUB bertugas untuk mengubah sinyal transmisi jaringan sehingga dimungkinkan untuk menghubungkan lebih dari 2 komputer, kemudian dari konsep tersebut terciptalah sebuah network atau jaringan komputer yang masing-masing komputer tersebut bisa saling terhubung.

No.5

ccna.ilkom.unsri.ac.id/ciscover2/sem1/knet/v214aCH47503/chapterframeset.html

The screenshot shows the Cisco Networking Academy interface for Chapter 3. On the left, a vertical list of numbered buttons (1-8) is visible, with button 5 highlighted. The main content area displays 'Chapter 3 Quiz' and 'Question 5: Which of the following statements regarding switches is correct?'. Below the question are four radio button options: 'Switches encapsulate segments into packets.', 'Switches regulate traffic based on Layer 1 addressing.', 'Switches designed for Token Ring networks are known as MAUs.', and 'Switches combine the connectivity of a hub with the traffic regulation of a bridge.'. On the right side, there is a 'Quiz' section with instructions: 'Roll over the numbered buttons on the left to view the quiz questions. Click in the square next to the correct option to answer a question. Correct answers are marked with a blue checkmark, while incorrect answers are marked with a red X in place of the question number.' The bottom of the interface includes a 'CCNA 1 - Chapter Menu' dropdown and navigation buttons for 'Review', 'Index', 'Quiz', 'Glossary', 'Back', and 'Next'.

Jawaban : b. switches regulate traffic based on layer on 1 addressing

No 6

ccna.ilkom.unsri.ac.id/ciscover2/sem1/knet/v214aCH47503/chapterframeset.html

The screenshot shows the Cisco Networking Academy interface for Chapter 3. On the left, a vertical list of numbered buttons (1-8) is visible, with button 6 highlighted. The main content area displays 'Chapter 3 Quiz' and 'Question 6: Which networking device can make traffic forwarding decisions based on IP addressing?'. Below the question are four radio button options: 'bridge', 'hub', 'router', and 'MAU'. On the right side, there is a 'Quiz' section with instructions: 'Roll over the numbered buttons on the left to view the quiz questions. Click in the square next to the correct option to answer a question. Correct answers are marked with a blue checkmark, while incorrect answers are marked with a red X in place of the question number.' The bottom of the interface includes a 'CCNA 1 - Chapter Menu' dropdown and navigation buttons for 'Review', 'Index', 'Quiz', 'Glossary', 'Back', and 'Next'.

Jawaban : c. Router Router adalah sebuah alat jaringan komputer yang mengirimkan paket data melalui sebuah jaringan atau internet menuju tujuannya, melalui sebuah proses yang dikenal sebagai routing

No. 7

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CCNA 1: Networking Basics

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

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CCNA 1 - Chapter Menu

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Jawaban: C. another network a collection of networks, or the entire internet

istilah "Cloud" atau awan berasal dari diagram awal jaringan, di mana citra awan digunakan untuk menunjukkan jaringan besar, seperti WAN . Awan di anggap terkait dengan seluruh Internet.

No. 8

ccna.ilkom.unsri.ac.id/ciscover2/sem1/knet/v214aCH47503/chapterframeset.html

The screenshot shows a quiz interface for Chapter 3, titled "Local Area Networks (LANs)". On the left, a vertical list of numbered buttons (1-8) allows navigation between questions, with button 8 currently selected. The main area displays "Question 8:" with the text "Which function performed by a NIC is classified as a Layer 2 activity?". Below this text are four radio button options: "encapsulating data into segments", "encoding bits as electrical signals", "using network addresses to direct data delivery", and "controlling a host's access to the network medium". The right side of the interface contains instructions: "Roll over the numbered buttons on the left to view the quiz questions. Click in the square next to the correct option to answer a question. Correct answers are marked with a blue checkmark, while incorrect answers are marked with a red X in place of the question number." The bottom of the screen features a navigation bar with a dropdown menu set to "CCNA 1 - Chapter Menu" and icons for "Review", "Index", "Quiz", "Glossary", "Back", and "Next".

Jawaban : using network addresses to direct data delivery

NIC bekerja pada lapisan fisik, di mana data dipecah menjadi bit kemudian dikirim melalui jaringan ke komputer lain yang kemudian dirangkai kembali menjadi data utuh. Setiap NIC memiliki kode unik tersendiri, artinya cuma ada satu, yang terdiri atas 12 digit kode yang disebut dengan **MAC Address (Media Access Control)**. Tujuan adanya MAC address adalah untuk menghindari tabrakan antar data di jaringan.