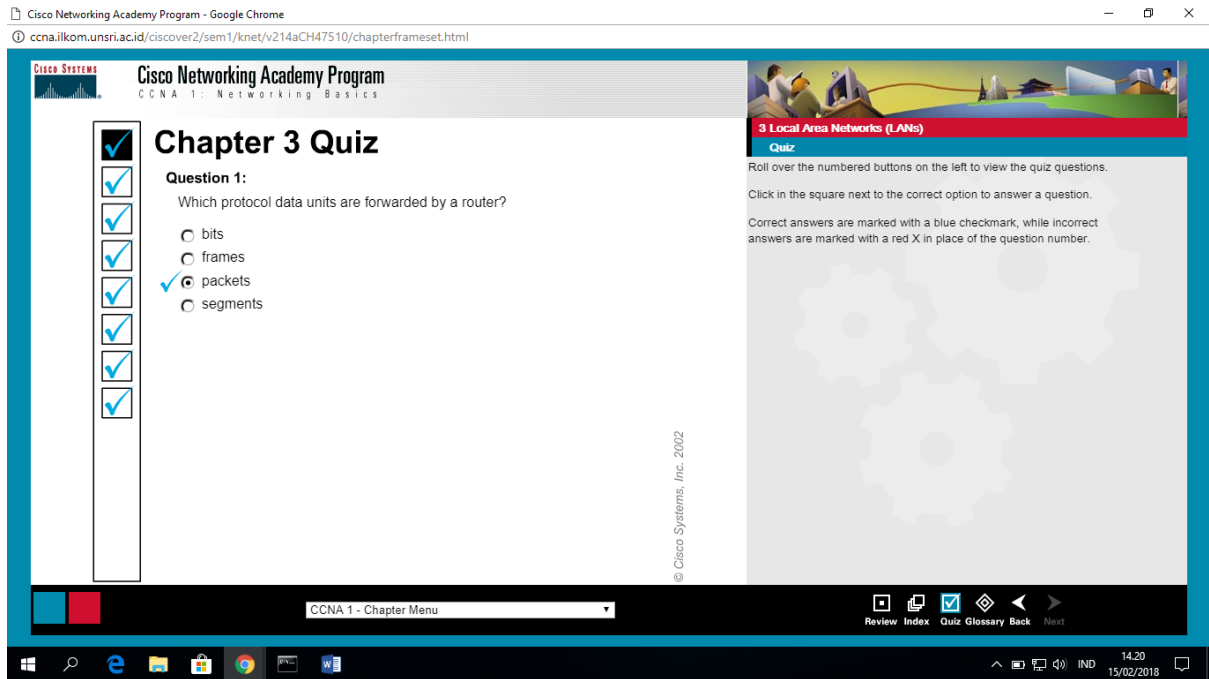
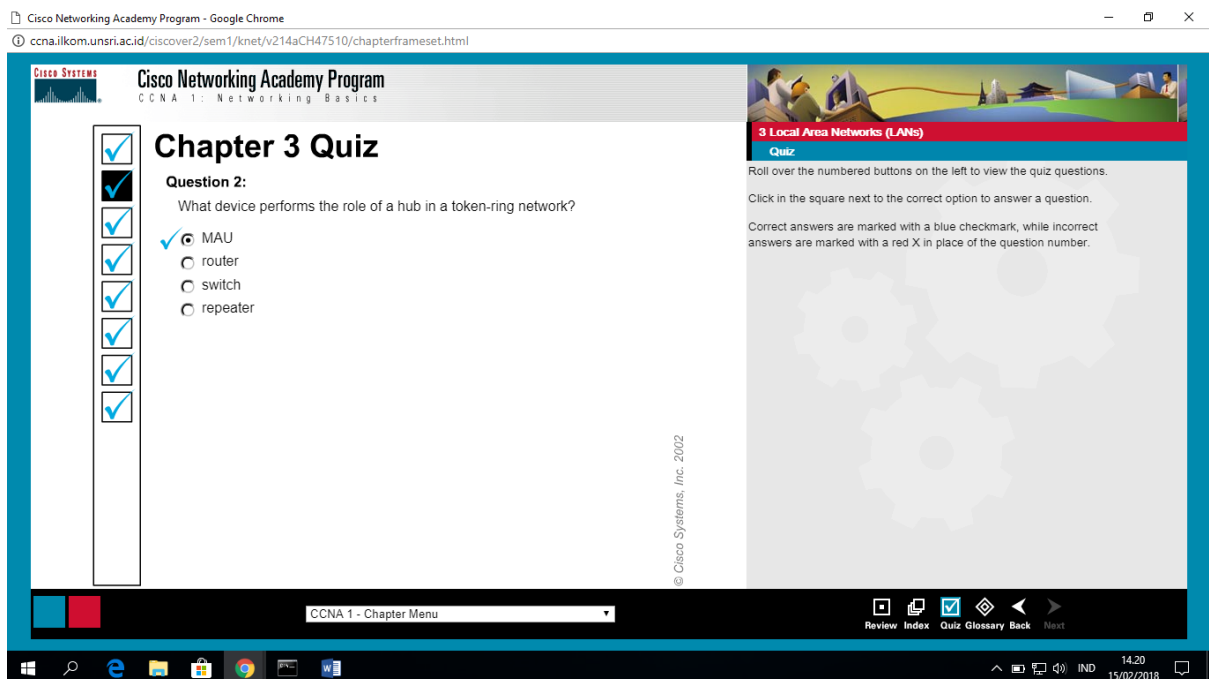




Unit data protokol yang diteruskan oleh router adalah paket. Karena permintaan dari source ke destination telah dibungkus melalui tahap packet flow setelah itu paket akan diteruskan ke proses selanjutnya oleh router.



Perangkat yang melakukan peran hub dalam jaringan tokrn-ring adalah MAU. MAU ini lah yang mengendalikan/memproses didalam peran hub

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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

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Jika Topologi pusat memiliki empat hub yang terhubung, dan masing-masing dari empat hub tersebut memiliki empat workstation yang terpasang, maka akan terbentuklah seperti bintang yang besar. Karena semakin banyak hub/workstation maka semakin besar pula ruternya.

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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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Hub adalah lapisan 1 karena pada saat paket di hub akan di lihat bitnya

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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.

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Switch inilah yang menggabungkan konektivitas ke hub. Agar hub bisa terhubung ke perangkat maka dibutuhkannya switch

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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

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Jaringan yang bisa membuat keputusan penerusan pengalaman ip adalah router. Karena router akan meneruskan paket yang kita jalankan ke ip destination. Ip ini lah yang menyebabkan ketidak keliruan dalam pengiriman paket.

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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

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Jaringan di simbolkan sebagai awan dan digunakan untuk mewakili semua proses tetapi kecuali WAN switch dan router

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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 segments
- ☐ encoding bits as electrical signals
- ☐ using network addresses to direct data delivery
- ☒ controlling a host's access to the network medium

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Fungsi yang dilakukan NIC pada aktivitas layer 2 adalah mengendalikan akses host ke media jaringan. Karena di NIC ini lah tempat penghungan jaringan untuk di kirim ke destination.