# DUMPSQUEEN

# Nokia Scalable IP Networks

## Alcatel-Lucent 4A0-100

Version Demo

Total Demo Questions: 15

Total Premium Questions: 352

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# Topic Break Down

| Topic | No. of Questions |
|---|---|
| Topic 1, Volume A | 112 |
| Topic 2, Volume B | 240 |
| Total | 352 |

## QUESTION NO: 1

What is the name for an organization that provides Internet services to its customers?

**A.** An Internet content provider

**B.** An Internet service provider

**C.** An enterprise

**D.** A regional Internet registry

**ANSWER: B**

## QUESTION NO: 2

What must the sender do when it receives a window size of 0 from the receiver?

**A.** Stop transmitting.

**B.** Terminate the TCP session.

**C.** Send the next segment.

**D.** Retransmit the previous segment.

**ANSWER: A**

## QUESTION NO: 3

Which of the following is an important advantage of protocol layering? (Choose two)

**A.** Controls distribution of IP addresses.

**B.** Simplifies protocol functionality.

**C.** Isolates changes in lower layers from upper layers.

**D.** Increases protocol operational efficiencies.

**E.** Layering adds to the fragmentation of the data

**ANSWER: C D**

## QUESTION NO: 4

Which of the following is NOT a characteristic of the Internet protocol layer?

**A.** It provides a unique addressing scheme to identify hosts.

**B.** It provides a user interface to the network.

**C.** It uses routing protocols for path determination.

**D.** It provides end-to-end forwarding of datagrams.

**ANSWER: B**

## QUESTION NO: 5

Which of the following protocols belongs to the OSI suite of protocols? (Choose 2)

**A.** OSPF

**B.** BGP

**C.** X.500

**D.** IS-IS

**E.** Ethernet

**ANSWER: C D**

## QUESTION NO: 6

Choose two true statements that characterize Link State Routing

**A.** Routers send a copy of their routing table to their neighbors periodically.

**B.** Routers flood link information throughout the entire area.

**C.** Network converges quickly (within several seconds) after a topology change.

**D.** Routers do not have precise knowledge of the entire network topology.

**ANSWER: B C**

## QUESTION NO: 7

Which of the following statements is FALSE when describing a Virtual Private LAN Service?

**A.** A VPLS emulates a virtual switch or bridge.

**B.** The VPLS performs MAC learning on MAC addresses seen from SAPs and SDPs.

**C.** When a VPLS receives a frame with an unknown MAC destination, the frame will be dropped.

**D.** MAC address forwarding database (FDB) is maintained for each VPLS.

**ANSWER: C**

## QUESTION NO: 8

Which of the following statements best characterize Distance Vector Routing? (Choose 2)

**A.** Routers periodically send a copy of their routing table to their neighbors.

**B.** Routers flood link information throughout the entire area.

**C.** Network converges quickly (within several seconds) after a topology change.

**D.** Routers do not have precise knowledge of the entire network topology.
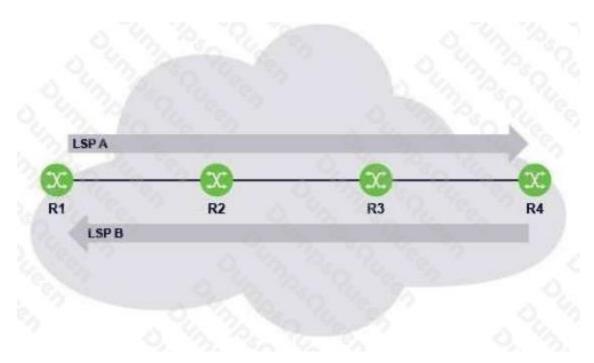
**ANSWER: A D**

## QUESTION NO: 9

How do ATM and Frame-Relay protocols differentiate multiple customers or traffic types on the same physical wire?

**A.** They use virtual circuits to create a logical separation of traffic.

**B.** They use subnetting to create a logical separation of traffic.

**C.** They use VLANs to create a logical separation of traffic.

**D.** They use IP header information to create a logical separation of traffic.

**ANSWER: A**

## QUESTION NO: 10

Which of the following statements about router R1 is TRUE?

**A.** Router R1 is an iLER for both LSPs.

**B.** Router R1 is an eLER for both LSPs.

**C.** Router R1 is an iLER for LSP A and an eLER for LSP B.

**D.** Router R1 is an iLER for LSP B and an eLER for LSP A.

**ANSWER: C**

## QUESTION NO: 11

A CE device has a physical connection to which device in the service providers MPLS network?

**A.** CE always connects to a PE router.

**B.** CE always connects to a P router.

**C.** CE always connects to another CE device.

**D.** The CE does not connect to the service provider network.

**ANSWER: A**

## QUESTION NO: 12

Which of the following are correct statements about MPLS labels (Choose three)?

**A.** A series of labels from one LER to another LER represent a logical tunnel known as an LSP.

**B.** Labels used for a LSP may be static but are usually signaled dynamically with an MPLS label signaling protocol.

**C.** Labels are locally significant to the MPLS router which means its possible for two routers on the LSP path to use the same label.

**D.** Labels are globally significant to the MPLS network which means all labels on the LSP path must be unique.

**E.** Labels used for an LSP must be statically assigned by the service provider.

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**ANSWER: A B C**

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### QUESTION NO: 13

Which of the following mediums can be used in a VPWS when defining SAPs (Select three)?

**A.** Ethernet.

**B.** ATM.

**C.** Frame Relay.

**D.** Token Ring.

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**ANSWER: A B C**

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### QUESTION NO: 14

Which of the following are examples of Time Division Multiplexing (Choose two)?

**A.** Ethernet.

**B.** Token-Ring.

**C.** SONET/SDH.

**D.** E1 carrier.

**E.** PPP

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**ANSWER: C D**

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### QUESTION NO: 15

Which of the following statements about VPWS service on a Nokia 7750 SR is FALSE?

**A.** VPWS is a simple point-to-point service.

**B.** VPWS emulates a Layer 2 connection between two customers.

**C.** VPWS does not perform MAC learning.

**D.** VPWS encapsulates Layer 2 frames into IP datagrams.

**ANSWER: D**