

4A0-100^{Q&As}

Alcatel-Lucent Scalable IP Networks

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QUESTION 1

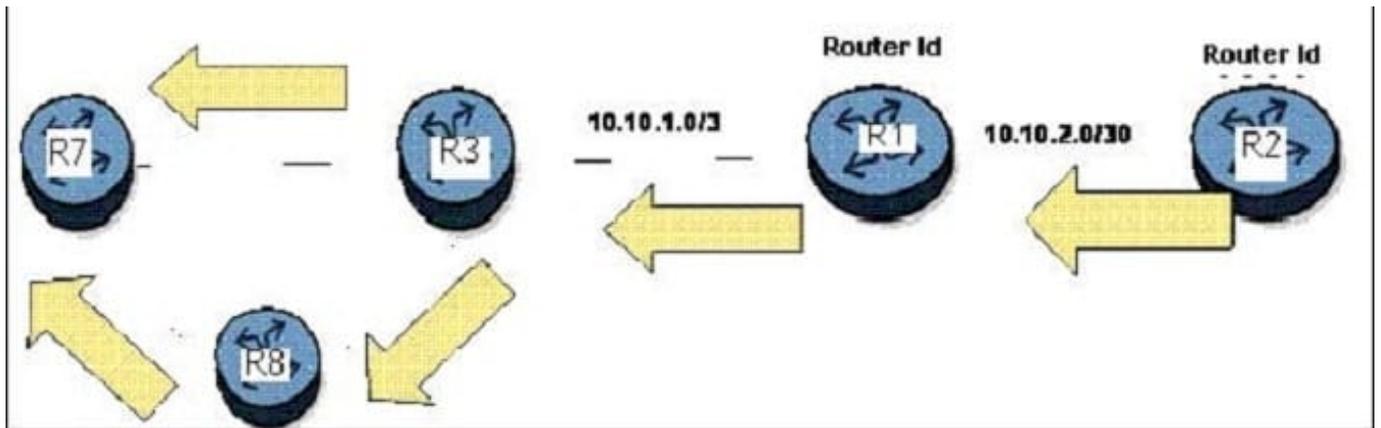
Which configuration edit mode does NOT give you access to the global candidate configuration?

- A. Private
- B. Global
- C. Read-only
- D. Exclusive

Correct Answer: C

QUESTION 2

In the diagram, R3 receives an LSA with the sequence number 111 from R7 and then receives another copy of the LSA with a sequence number 112 from R1. What does R3 do with the LSA from R1?



- A. R3 discards the LSA received from R1 and sends a copy of the LSA from its link state base to R1.
- B. R3 installs the LSA received from R1 in its link state database and floods a copy to its neighbors.
- C. R3 discards the LSA received from R1 and sends an ACK to R1.
- D. R3 installs the LSA received from R1 in its link state database, sends an ACK to R1 and floods a copy to its neighbors.

Correct Answer: D

QUESTION 3

The 201.148.26.0/24 network is subnetted using a /26 mask. How many subnets and host addresses will be obtained with this mask?

- A. 4 subnets, 64 hosts

- B. 64 subnets, 4 hosts
- C. 4 subnets, 62 hosts
- D. 64 subnets, 2 hosts
- E. 6 subnets, 30 hosts

Correct Answer: C

QUESTION 4

Network address: 200.12.30.0 Network mask: 255.255.255.0

Use the information above. You need to create 12 subnetworks supporting 10 host addresses each. Which extended prefix will meet this requirement?

- A. /12
- B. /24
- C. /26
- D. /28
- E. /30

Correct Answer: D

QUESTION 5

Which of the following is true of Ethernet half-duplex transmission?

- A. Half-duplex transmission is less efficient because the frame MTU is smaller.
- B. Half-duplex transmission is only 30-40% efficient because of collisions.
- C. Ethernet switches support half-duplex transmission only.
- D. All of the above.

Correct Answer: B

QUESTION 6

Which ATM adaptation layer is usually used for connectionless data service?

- A. AAL1
- B. AAL2

C. AAL3/4

D. AAL5

Correct Answer: C

QUESTION 7

You are working from a particular Command Line Interface (CLI) context, and want to see the commands available from your current context. What command can you issue to view this information?

A. view tree

B. tree

C. info detail

D. info

Correct Answer: B

QUESTION 8

SAPs may be a port, a port with a specific VLAN tag in the case of an Ethernet port, or a port with a specific Circuit ID in the case of ATM or Frame Relay.

A. True

B. False

Correct Answer: A

QUESTION 9

Which of the following is TRUE regarding Ethernet half-duplex transmission?

A. Half-duplex transmission is less efficient because the frame MTU is smaller.

B. An end-station connected to a hub will always be half-duplex.

C. Ethernet switches only support half-duplex transmission.

D. All of the above.

Correct Answer: B

QUESTION 10

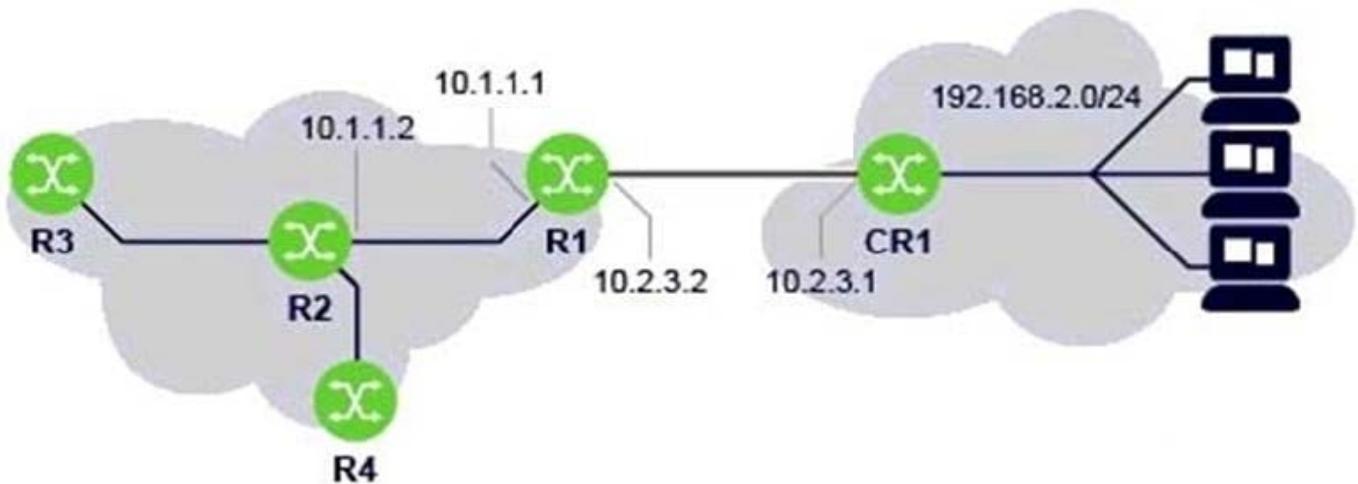
Which of the following statements are TRUE regarding IP-filters? (Choose 2)

- A. IP-filters may be applied on interface ingress, egress, or both.
- B. Multiple IP-filters can be applied in each direction.
- C. An IP-filter may only be applied to a single interface if the scope is set to template.
- D. An IP-filter may have multiple match criteria per entry.
- E. The default-action of an IP-filter is always drop.

Correct Answer: AD

QUESTION 11

What is the next-hop address used on router R1 to configure a static route to the network on CR1?



- A. 10.2.3.2
- B. 10.1.1.1
- C. 10.2.3.1
- D. 192.168.2.0

Correct Answer: A

QUESTION 12

What information is used to separate VLANs on a VLAN trunk that connects multiple VLANs?

- A. The VLAN tag
- B. The IP Header
- C. The VID

D. The Priority Value

Correct Answer: A

QUESTION 13

A network with address 208.40.224.0/24 is divided into /28 subnets. What is the network address of the third subnet?

A. 208.40.224.16/28

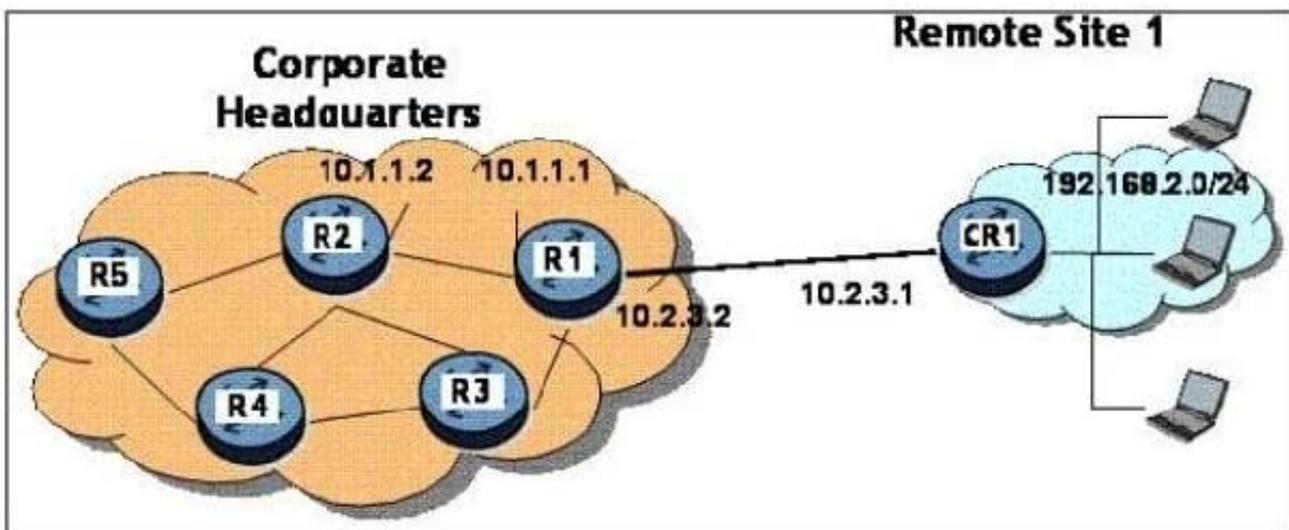
B. 208.40.224.32/28

C. 208.40.224.48/28

D. 208.40.224.64/28

Correct Answer: C

QUESTION 14



Based on the network diagram (click the Exhibit Button), what is the next-hop used on R1 to setup a static route to the network on CR1?

A. next-hop 10.2.3.2

B. next-hop 192.168.2.1

C. next-hop 10.2.3.1

D. next-hop 192.168.2.0

Correct Answer: C

QUESTION 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.

Correct Answer: D

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