



# 4A0-C01<sup>Q&As</sup>

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#### QUESTION 1

Which of the following about VPLS MAC learning is TRUE?

- A. Mesh SDPs assist MAC learning by flooding traffic to other mesh SDPs.
- B. A PE keeps a single FDB for all VPLSes it has.
- C. Frames received on a SAP that are broadcast, multicast or unknown are flooded.
- D. The FDB only stores the MAC addresses of remote sites.

Correct Answer: C

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#### QUESTION 2

What is the value of the protocol discriminator used to denote IS-IS protocol information?

- A. 89
- B. 87
- C. 85
- D. 83

Correct Answer: D

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#### QUESTION 3

Which of the following is NOT a service offered on the Alcatel-Lucent 7750 SR?

- A. IES
- B. VPWS
- C. VPLS
- D. VPRN
- E. L2TP

Correct Answer: E

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#### QUESTION 4

When configuring a filter, where should the most explicit entries be placed?

- A. At the bottom



- B. In the middle
- C. At the top
- D. It does not matter where they are placed.

Correct Answer: C

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#### QUESTION 5

Which of the following regarding the MPLS SWAP label operation is TRUE?

- A. The inner label will be exchanged with the MPLS outer label.
- B. The inner label will be exchanged for a new label.
- C. The outer label will be exchanged for a new label.
- D. All labels will be exchanged for one new label.
- E. All labels will be exchanged for an equal number of new labels.

Correct Answer: C

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#### QUESTION 6

Which of the following correctly describes an IPV6 header compared to an IPV4 header?

- A. The IPV6 header has a header checksum field, header length field and no fragmentation offset field.
- B. The IPV6 header has no header checksum field, no header length field and does have a fragmentation offset field.
- C. The IPV6 header has a header checksum field, no header length field and no fragmentation offset field.
- D. The IPV6 header has no header checksum field, no header length field and no fragmentation offset field.

Correct Answer: D

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#### QUESTION 7

Which of the following about LSPs is FALSE?

- A. IGP-based LSPs are calculated based on information contained in routing tables.
- B. Constraint-based LSPs are calculated using the head-end router's TED.
- C. Constraint-based LSPs must use RSVP-TE signaling.
- D. IGP-based LSPs must use LDP signaling.

Correct Answer: D

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### QUESTION 8

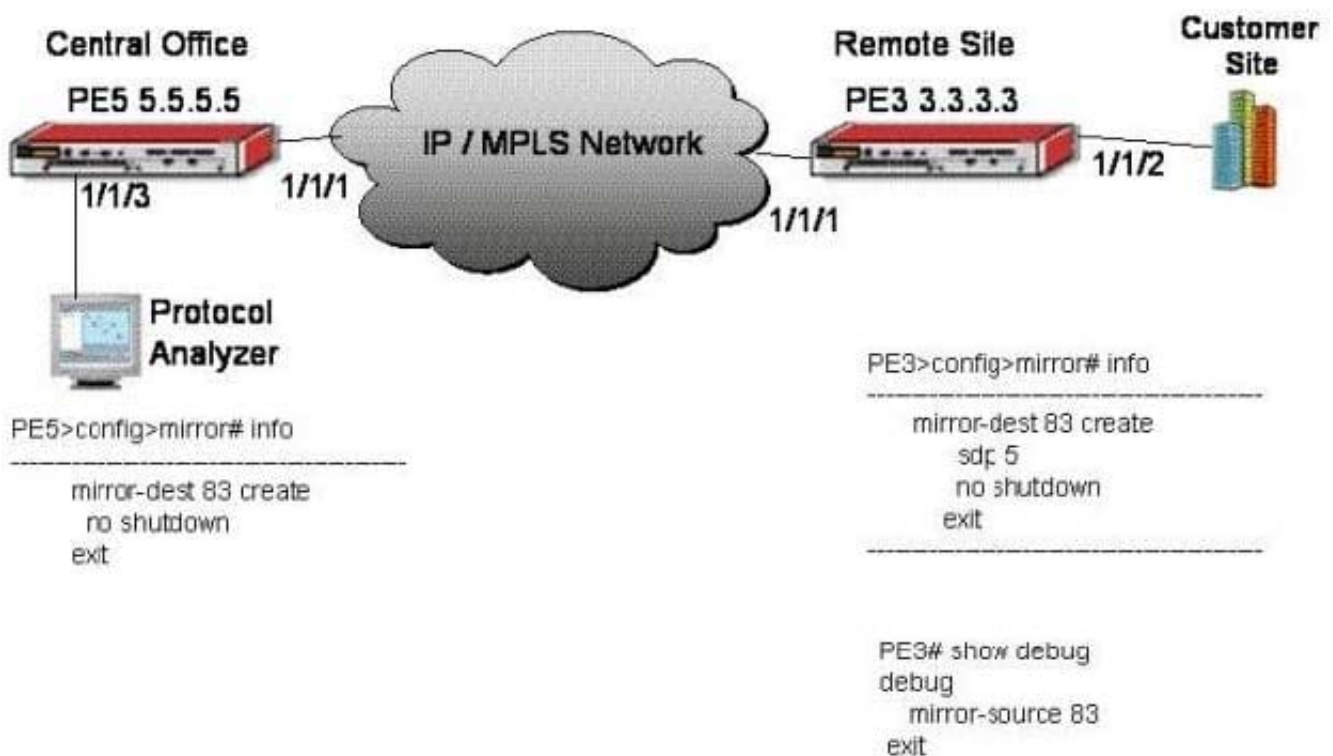
How does a DMP inform the downstream routers that it has merged detour tunnels?

- A. The DMP sends the DMP\_Object in each detour's PATH messages.
- B. The DMP summarizes PATH messages, giving each detour its own MSGJD.
- C. The DMP identifies itself as the previous hop in each detour's PATH message.
- D. The DMP sends a single PATH message containing the merged DETOUR\_Objects.

Correct Answer: D

### QUESTION 9

Click on the exhibit button below.



Assuming the customer only needs to monitor traffic from PE3 to the customer site, what two items are missing in the configuration of PE5, the Alcatel-Lucent 7750 Service Router in the Head Office? (Assume that the IP/MPLS network structure between the local and remote PEs is in place.)

- A. The mirror destination configuration on PE5 is missing the "remote-source" command.
- B. There needs to be a mirror source configuration on PE5 with the "remote-source" command.
- C. This is not possible since the protocol analyzer is located at the Central Office. It needs to be at the customer site.



- D. There needs to be a configuration command to put sap 1/1/3 on the mirror destination of PE5.
- E. There needs to be a configuration command to put sap 1/1/3 on the mirror source of PE5

Correct Answer: AD

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#### QUESTION 10

Which of the following is a primary cause of IP hyper-aggregation?

- A. IP routing protocols do not always select the best route to a destination.
- B. IP routing protocols always select multiple routes to a destination.
- C. IP routing protocols do not make use of all available network attributes to select a path
- D. Improper network design results in limited network path redundancy.

Correct Answer: C

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#### QUESTION 11

Which one of the following statements regarding RSVP LSP configuration is true?

- A. LSPs must always terminate on a system ID.
- B. MPLS and RSVP must be enabled on all routers.
- C. Interfaces must be individually created in RSVP.
- D. Path definitions must include at least one hop entry.

Correct Answer: B

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#### QUESTION 12

Which of the following tasks must be carried out before deleting an Epipe service? (Choose 4)

- A. Shut down all SAPs associated with the service.
- B. Shut down all SDPs associated with the service.
- C. Delete all SAPs and SDPs associated with the service.
- D. Shut down all physical ports that are bound to a SAP.
- E. Delete the Customer ID.
- F. Shut down the service.

Correct Answer: ABCF

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### QUESTION 13

Click on the exhibit button below.

```
configure router mpls
  path "to-PE2"
    hop 1 10.48.1.1 strict
    hop 2 10.1.3.1 strict
    hop 3 10.1.2.2 strict
    hop 4 10.32.1.2 strict
  no shutdown
exit
lsp "LSP-to-PE2"
  to 10.1.4.78
  cspf
  exit
  primary "to-PE2"
  exit
  no shutdown
exit
no shutdown
```

Given the configuration below, what is the system ID of the destination node?

- A. 10.32.1.2
- B. 10.1.478
- C. 1048.1.1
- D. Cannot tell from this configuration
- E. 10.1.2.2

Correct Answer: B

### QUESTION 14

Which protocol is used to signal the inner label for a L2-VPN service?

- A. RSVP
- B. IPCP
- C. TLDP
- D. PPP
- E. Either RSVP or LDP

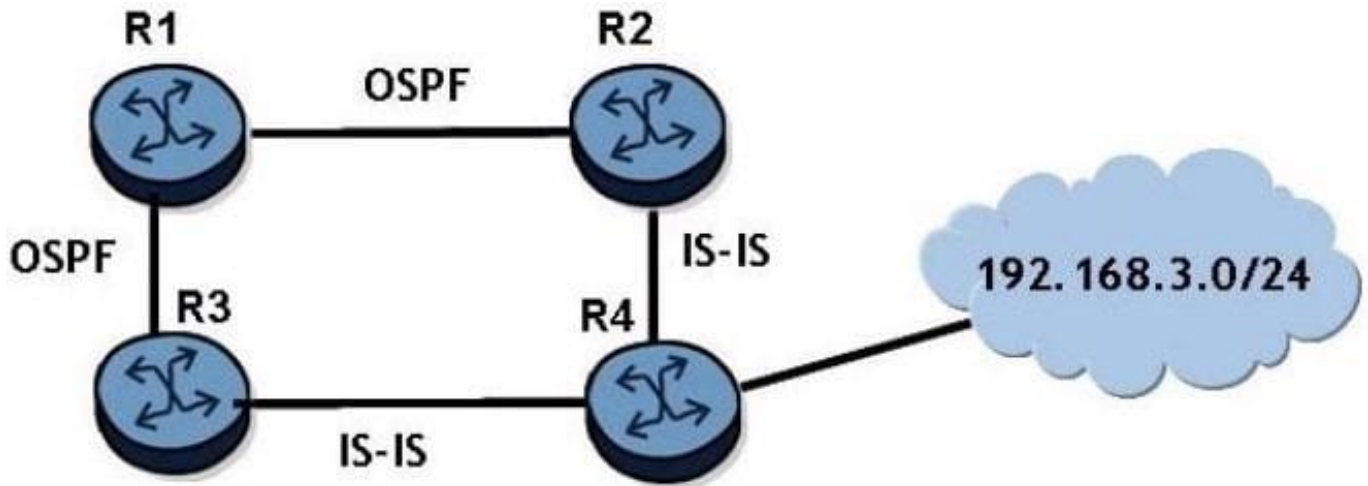


F. M-BGP

Correct Answer: C

### QUESTION 15

Click on the exhibit.



If router R2 re-distributes the IS-IS route 192.168.3.0/24 into OSPF, router R3 will receive two routes to 192.168.3.0/24. Assume that all IS-IS routers are L1/L2 capable and are in the same area.

What will be the preference of the two routes?

- A. OSPF internal preference and IS-IS Level 1 internal preference.
- B. OSPF internal preference and IS-IS Level 1 external preference.
- C. OSPF external preference and IS-IS Level 1 internal preference.
- D. OSPF external preference and IS-IS Level 2 internal preference.
- E. OSPF external preference and IS-IS Level 1 external preference.

Correct Answer: C

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