



Nokia 4A0-105 Practice Questions

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Question 1

Question Type: MultipleChoice

Assuming TLDP and RSVP are both being used in an MPLS network core which of the following statements is true?

Options:

- A- TLDP is used to create the inner label, RSVP is used to create the outer label.
- B- TLDP is used to create the outer label, RSVP is used to create the inner label.
- C- TLDP and RSVP cannot be used in the same network since they both provide the same label.
- D- When RSVP is used, TLDP must be disabled and static vc labels should be used.
- E- TLDP and RSVP can be used to create either labels based on how they are configured.

Answer:

A

Question 2

Question Type: MultipleChoice

How do user VPLSs become associated with a management VPLS for redundant spoke-sdp connections?

Options:

- A- The association must be defined in the user VPLS service.
- B- The association is done when the user VPLS is associated with the same sdp-id in the management VPLS
- C- The association is based on service IDs.
- D- The association is based on customer IDs.

Answer:

B

Question 3

Question Type: MultipleChoice

Which of the following statements is true?

Options:

- A- Filter Policies can only be applied on egress.
- B- An IP filter can be applied on ingress at the same time a MAC filter is applied on the egress of the SAP.
- C- Filter Policies can be based on IP, MAC, and VPI/VCI addresses.
- D- Any number of ingress and egress filter policies can be associated with a SAP.
- E- An IP filter and a MAC filter can be applied on the ingress SAP at the same time.
- F- None of the above.

Answer:

B

Question 4

Question Type: MultipleChoice

Two management VPLSs have been created. mVPLS 1 and mVPLS 2. Two user VPLS services exist. uVPLS 10 and uVPLS 20. What command can be used to determine which management VPLS is managing uVPLS 10?

Options:

- A- show stp 10
- B- show service vpls 1 stp
- C- show service id 10 stp
- D- show service id 1 stp or show service id 2 stp

Answer:

C

Question 5

Question Type: MultipleChoice

After the "disable-learning" command has been executed at the VPLS level, a new client device originates a frame. What is the result?

Options:

- A- If the MAC address of this new client device does not reach the upper limit of the configured total number of MAC addresses allowed in the VPLS forwarding database, then the new MAC address will be stored.
- B- The new source MAC addresses will not be entered in the VPLS service forwarding database.
- C- New local source MAC addresses will not be entered in the VPLS service forwarding database, but new remote MAC addresses would continue to be entered.
- D- New remote source MAC addresses will not be entered in the VPLS services forwarding database, but new local MAC addresses would continue to be entered.

Answer:

B

Question 6

Question Type: MultipleChoice

Which PDU type is sent periodically over a link in the IEEE 802.3ah EFM as a method of keepalive?

Options:

- A- Event notification.
- B- Loopback control.
- C- Information.
- D- Variable request.
- E- Variable response.

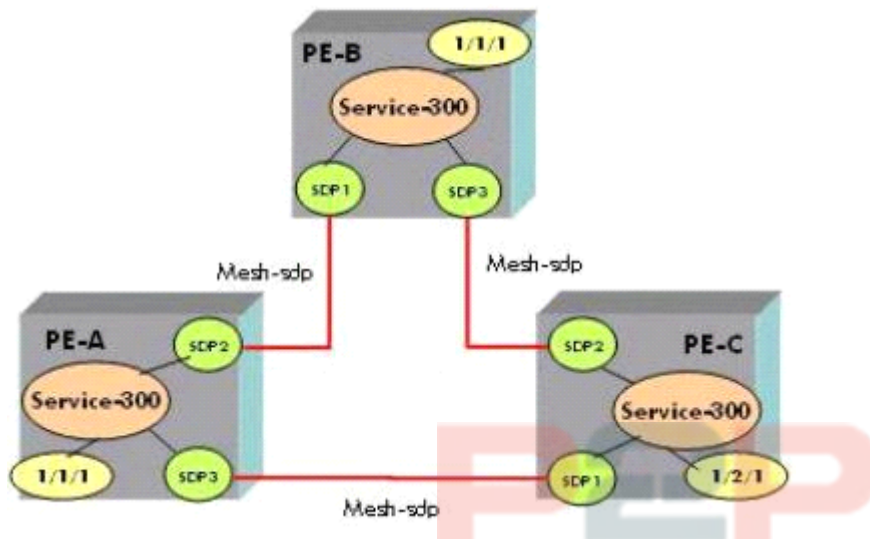
Answer:

C

Question 7

Question Type: MultipleChoice

Click on the exhibit below.



Assume a CE router is connected to the SAP of each PE. The arp cache of all CE routers is empty and the FDB for VPLS 300 is empty. The CE router connected to PE-A initiates a ping towards the CE router connected to PE-C. The ping is successful. Which of the following statements are true? (Choose 2)

Options:

- A- The FDB on PE-A will contain entries for all CE routers.
- B- The FDB on PE-B will contain an entry for the CE router connected to PE-A.
- C- The FDB on PE-B will contain an entry for all CE routers.
- D- The FDB on PE-C will contain entries for the CE router connected to PE-A and the CE router connected to PE-C.

Answer:

B, D

Question 8

Question Type: MultipleChoice

If a management VPLS is administratively disabled what will be the status of the associated user VPLS SAPs?

Options:

- A- Regular semantics will apply. It will be as if the SAP doesn't belong to a management VPLS.
- B- All user VPLS SAPs will be disabled/pruned.

- C- It is not possible to administratively disable a management VPLS.
- D- Spanning tree will be automatically enabled on the user VPLS SAPs.

Answer:

B

Question 9

Question Type: MultipleChoice

The service mtu of a VPLS is set to 9100. What is the recommended MTU value that can be set for the access port assuming dot1q encapsulation?

Options:

- A- 9100
- B- 9104
- C- 9108
- D- 9122
- E- 9126

Answer:

B

Question 10

Question Type: MultipleChoice

What scaling factors should a network engineer be aware of when designing VPLS networks? (Choose 3)

Options:

- A- Control plane scaling.
- B- Data plane scaling.
- C- Network touches.
- D- Route table reduction.
- E- OAM tools.

Answer:

A, B, C

Question 11

Question Type: MultipleChoice

H-VPLS solves the data-plane and control-plane problems with the exception of one issue. What is the concern that H-VPLS does not solve?

Options:

- A- Increased LSP count.
- B- Number of TLDP sessions.
- C- The amount of network touches.
- D- FDB consumption.
- E- Increased bandwidth and replication.

Answer:

D

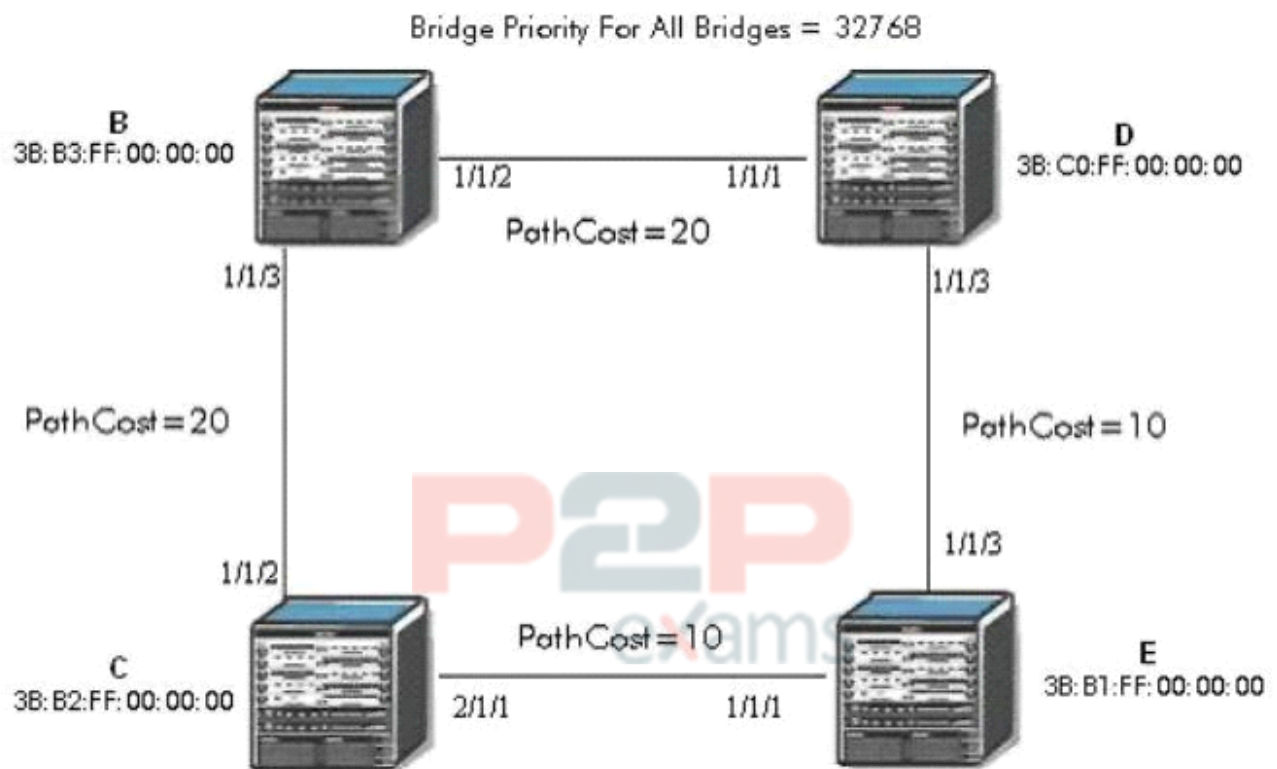
Explanation:

Topic 3, Volume C

Question 12

Question Type: MultipleChoice

Click on the exhibit below.



Which bridge will become the root bridge?

Options:

- A- Bridge B
- B- Bridge C
- C- Bridge D
- D- Bridge E

Answer:

D

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