



Free Questions for 4A0-105
Shared by Monroe on 15-04-2024

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Question 1

Question Type: MultipleChoice

In the IEEE 802.1 ag, how are merged services detected?

Options:

- A- The MEP sees the CFM frame from a different MEG.
- B- The MEP sees a different service-id in the frame sent by a MEP.
- C- The MIP transmits the service-id for each service. The MIP should only see it's own service-id.
- D- This is a function of 802,3ah EFM,

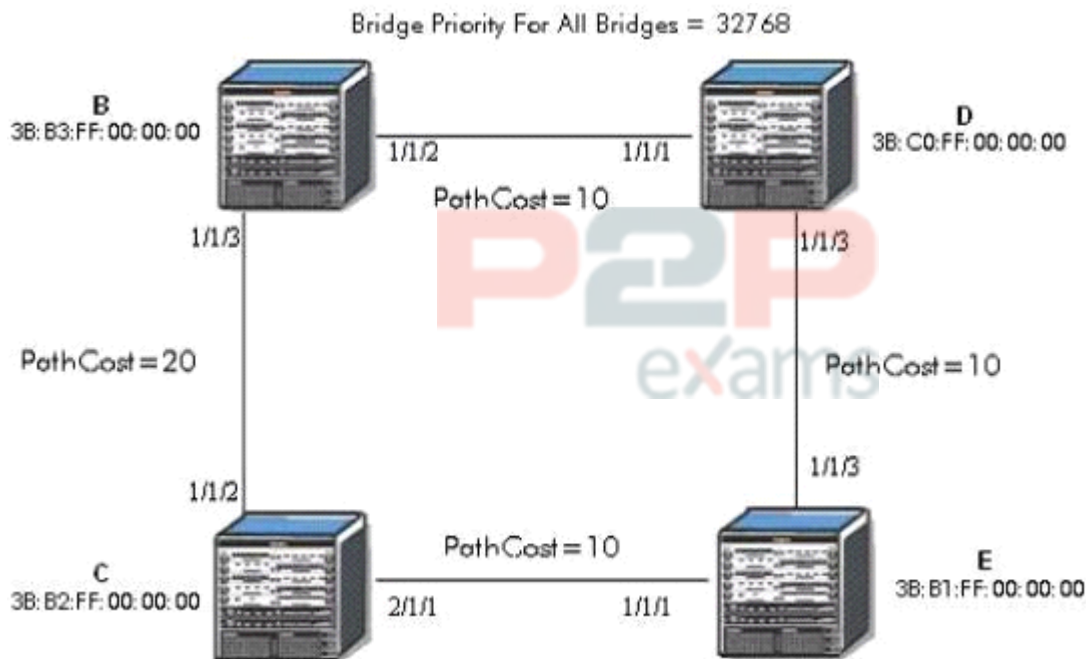
Answer:

A

Question 2

Question Type: MultipleChoice

Click on the exhibit below.



Which ports will become root ports? (Choose 3)

Options:

- A- Bridge B 1/1/3
- B- Bridge B 1/1/2
- C- Bridge C 1/1/2
- D- Bridge C 2/1/1
- E- Bridge D 1/1/1
- F- Bridge D 1/1/3
- G- Bridge E 1/1/1
- H- Bridge E 1/1/3

Answer:

B, D, F



Question 3

Question Type: MultipleChoice

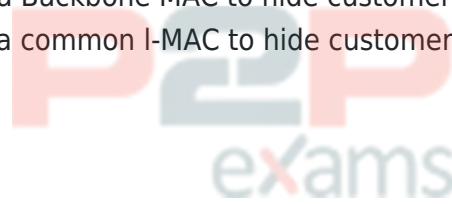
What function in IEEE 802.1 ah helps to limit the amount of MAC addresses learned in the core?

Options:

- A- I-VPLS is configured in the core of the network with an I-MAC address. This I-MAC address is the only MAC learned in the core
- B- The B-VPLS and I-VPLS are configured in the edge. The B-VPLS is configured with a Backbone MAC and is the only MAC learned in the core
- C- Each SDP is configured with a Backbone MAC to hide customer MAC addresses in the core
- D- Each SAP is associated with a common I-MAC to hide customer MAC addresses in the core

Answer:

B



Question 4

Question Type: MultipleChoice

Which of the following describes the overhead added to a customer frame on an Ethernet link in a VPLS service on the Alcatel-Lucent 7750 SR?

Options:

- A- The overhead consists of 26 bytes. 14 DLC + 2 Ethertype + 8 for mpls labels + 2 for GRE
- B- The overhead consists of 14 bytes for DLC.
- C- The overhead consists of 18 bytes. 14 DLC +4 for mpls labels
- D- The overhead consists of 22 bytes. 14 DLC + 8 for mpls labels

Answer:

D

Question 5

Question Type: MultipleChoice

Five VPLS services have been configured between two PE routers. What is the minimum amount of SDPs that must be configured?

Options:

- A- 5-one for each service.
- B- 2-one in each direction.
- C- 10-five in each direction.
- D- None of the above.

Answer:

B

Question 6

Question Type: MultipleChoice

Why is it best practice to set the bridge priority in an STP network? (Choose 2)

Options:

- A- This is not a best practice. Any switch can be used as the root bridge.
- B- So that you know which links will be active in your network.
- C- To prevent a new switch from becoming root when added to the network.

D- To allow all ports on the root switch to become alternate ports.

Answer:

B, C

Question 7

Question Type: MultipleChoice

What are the benefits of a hierarchical VPLS architecture? (Choose 3)

Options:

- A- Increases scalability
- B- Reduces the FDB size within a VPLS instance
- C- Reduces replication and bandwidth utilization from the MDU device to the core network
- D- Easier to manage
- E- Reduces the routing table size

Answer:

A, C, D

Question 8

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.

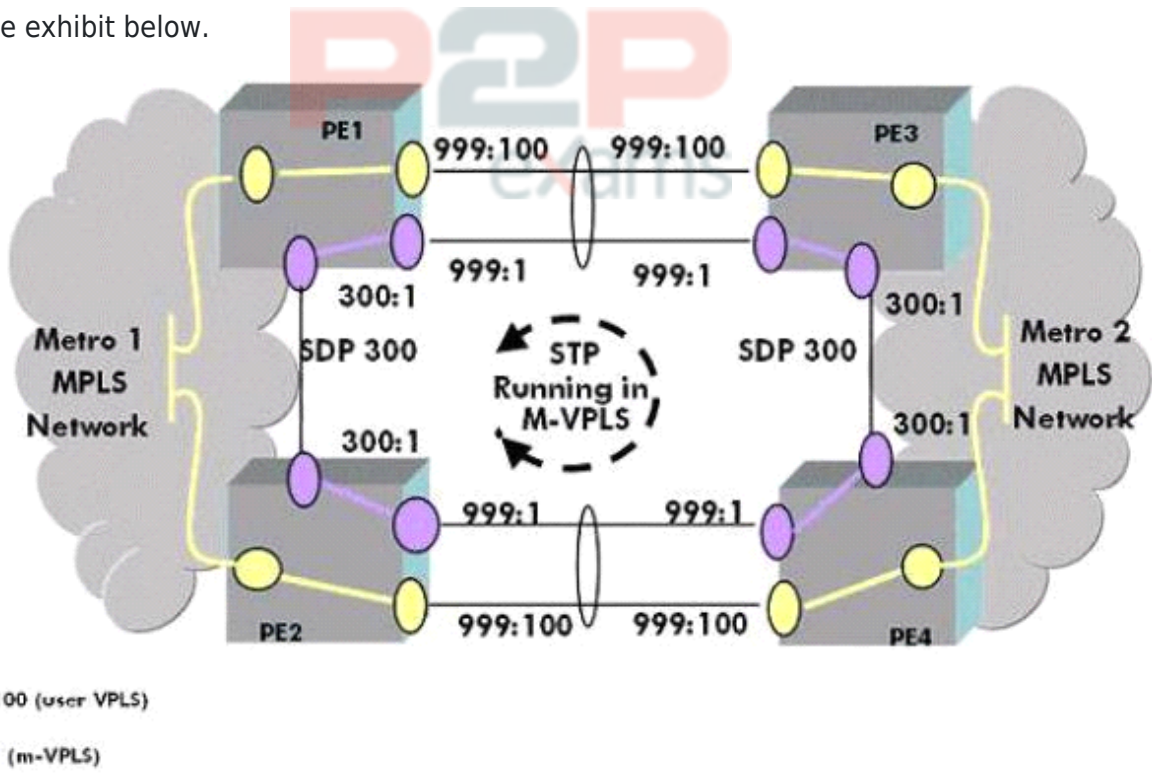
Answer:

B

Question 9

Question Type: MultipleChoice

Click on the exhibit below.



Study the network diagram. Which of the following configurations is correct for user VPLS 100 on PE4?

- A. PE4>service# vpls 100 customer 1 create
PE4>service>vpls# mesh-sdp 999:100 create
PE4>service>vpls>mesh-sdp# exit
PE4>service>vpls>mesh-sdp 300:100 create
PE4>service>vpls>mesh-sdp# exit
PE4>service>vpls no shutdown
- B. PE4>service# vpls 100 customer 1 m-vpls create
PE4>service>vpls# spoke-sdp 999:100 create
PE4>service>vpls>spoke-sdp# exit
PE4>service>vpls>mesh-sdp 300:100 create
PE4>service>vpls>mesh-sdp# exit
PE4>service>vpls no shutdown
- C. PE4>service# vpls 100 customer 1 create
PE4>service>vpls# spoke-sdp 999:100 create
PE4>service>vpls>spoke-sdp# exit
PE4>service>vpls>mesh-sdp 300:100 create
PE4>service>vpls>mesh-sdp# exit
PE4>service>vpls no shutdown
- D. PE4>service# vpls 100 customer 1 create
PE4>service>vpls# mesh-sdp 999:100 create
PE4>service>vpls>mesh-sdp# exit
PE4>service>vpls>spoke-sdp 300:100 create
PE4>service>vpls>spoke-sdp# exit
PE4>service>vpls no shutdown
- E. None of the above

Options:

- A- Option A
B- Option B
C- Option B
D- Option C
E- Option E

Answer:

C

Question 10

Question Type: MultipleChoice

The operation of a VPLS can be best described by which of the following statements?

Options:

- A- A frame should be sent to the PE that connects to the target site whenever possible.
- B- A frame should be flooded as little as possible.
- C- Customer frames should be switched based on the destination MAC address.
- D- All of the above.
- E- Only (a) and (b) are true.

Answer:

D



Question 11

Question Type: MultipleChoice

How is MAC learning achieved in traditional Ethernet switches?

Options:

- A- As frames leave the switch, the DA is populated into the FDB.
- B- As frames enter the switch, the DA is populated into the FDB.
- C- As frames leave the switch, the SA is populated into the FDB.
- D- As frames enter the switch, the SA is populated into the FDB.

Answer:

D



Question 12

Question Type: MultipleChoice

Which element of IEEE 802.1ag is responsible for initiating CFM messages?

Options:

- A- MEP
- B- MAP
- C- MIP
- D- MUP

Answer:

A



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