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Question 1

Question Type: MultipleChoice

How does PBB forward broadcast, unknown-unicast and multicast traffic from a B-VPLS to an I-VPLS?

Options:

- A-** The receiving PE checks the I-TAG in the I-SID to determine if there is a local I-VPLS on the node.
- B-** The receiving PE checks the I-SID in the I-TAG to determine if there is a local I-VPLS on the node.
- C-** The receiving PE checks the service label in the mpls header to determine if there is a local I-VPLS on the node.
- D-** The receiving PE checks the multicast B-DA to see if an I-SID has been mapped to the B-DA that matches a local I-VPLS on the node.

Answer:

D

Question 2

Question Type: MultipleChoice

An MC-LAG is configured with default parameters. When a failed interface recovers, the active link reverts to the restored interface.

Options:

A- TRUE

B- FALSE

Answer:

B

Question 3

Question Type: MultipleChoice

In RSTP, how is the root bridge selected?

Options:

- A- The switch with the highest bridge-id is selected as root.
- B- The switch with the lowest bridge-id is selected as root.
- C- The switch with the highest MAC address is selected as root
- D- The switch with the lowest MAC address is selected as root.

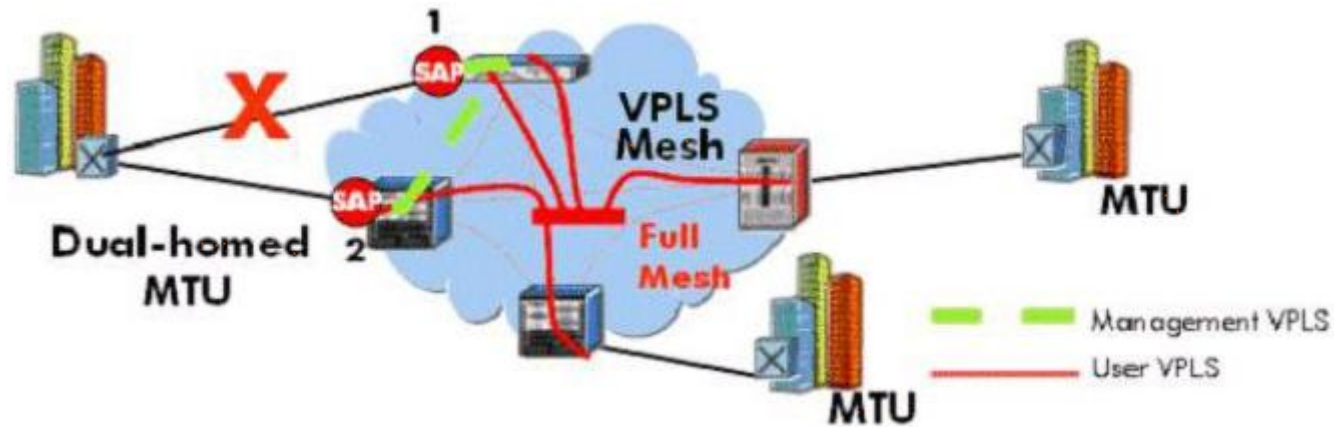
Answer:

B

Question 4

Question Type: MultipleChoice

Click on the exhibit below.



In the diagram below, SAP 1 is put into the blocking state as a result of the spanning tree protocol. What will occur in the VPLS instance if SAP 2 goes down and SAP 1 transitions to the forwarding state? Select the most accurate statement.

Options:

- A-** A Spanning Tree BPDU will be sent across the mesh flushing the FDB table in all devices participating in the VPLS instance.
- B-** Stale information will be used within the VPLS instance to forward traffic until the FDB ages out.
- C-** An LDP control message will be sent to all devices in the mesh participating in the VPLS instance. Only MAC addresses associated with the PE that the failure occurred on will be flushed.
- D-** An LDP control message will be sent to all devices in the mesh participating in the VPLS instance. The entire FDB in the VPLS instance will be flushed.

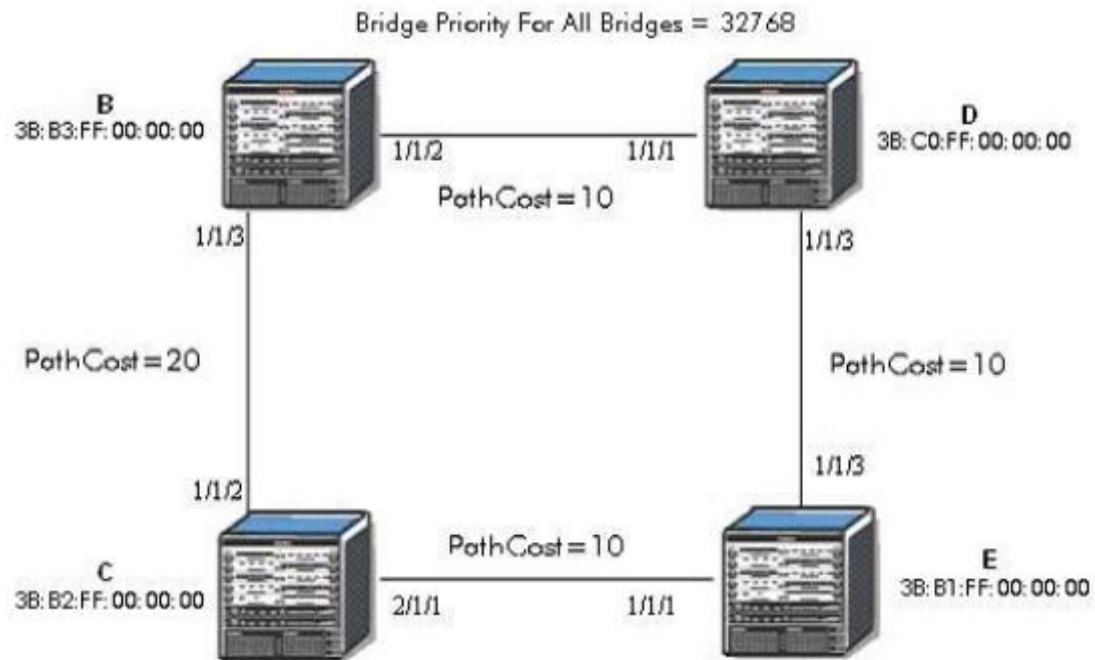
Answer:

D

Question 5

Question Type: MultipleChoice

Click on the exhibit below.



Which port will become the alternate port?

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:

A

Question 6

Question Type: MultipleChoice

A router has just learned the 10th MAC address while the FDB size is also set to 10. What is the likely outcome?

Options:

- A- The frame is dropped.
- B- The frame is always flooded
- C- The frame is forwarded and MAC learning is automatically disabled.
- D- The frame is discarded if the destination is unknown.
- E- More information is required to determine the fate of this new frame.

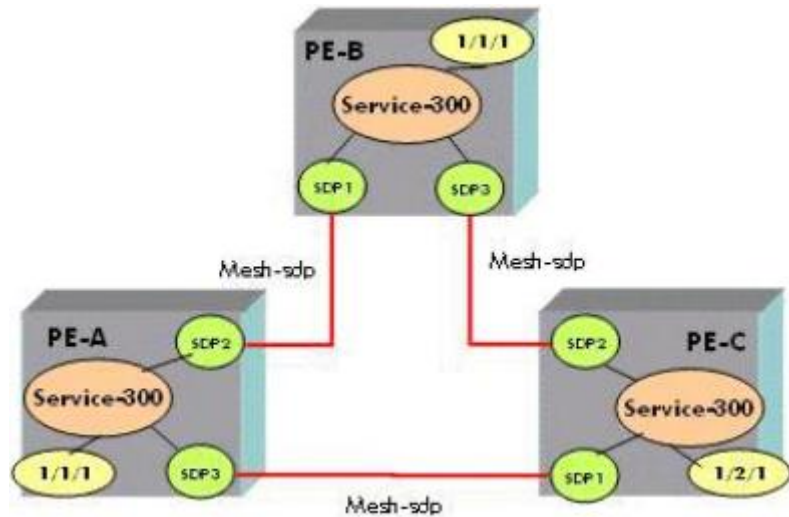
Answer:

C

Question 7

Question Type: MultipleChoice

Click on the exhibit below.



A new router named PE-D is to be directly connected to PE-C and is required to be added to the existing VPLS 300. The design requires the least amount of signaling, the least amount of configuration changes for existing sites and the new site has to have access to all existing sites. How should the new site be added to VPLS 300?

Options:

- A-** Configure a mesh-sdp between all existing PE routers and the new PE router
- B-** Configure a mesh-sdp between PE-C and PE-D
- C-** Configure a spoke-sdp between PE-C and PE-D.
- D-** It is not possible to meet the design requirements.

Answer:

C

Question 8

Question Type: MultipleChoice

Click on the exhibit below.



CE-A sends frames with 2 tags. If the SAP on PE-A is "sap 1/1/1:1 .*" and the SAP on PE-B is "sap 1/1/1:100.200" how many tags will there be on the frame when it egresses from the SAP on PE-B?

Options:

A- 0

B- 1

C- 2

D- 3

Answer:

D

Question 9

Question Type: MultipleChoice

Click on the exhibit below.

```
*A:PE1>config>service# info
-----
vpls 1 customer 1 b-vpls create
  service-mtu 9118
  backbone-smac 00:00:00:00:00:07
  stp
    shutdown
  exit
  spoke-sdp 3:1 create
  exit
  no shutdown
exit
```

Based on the service-mtu of this B-VPLS, what is the maximum service-mtu of any connecting I-VPLS attached to this B-VPLS?

Options:

- A- 9100 bytes
- B- 9104 bytes
- C- 9108 bytes
- D- 9118 bytes

Answer:

A

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