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QUESTION 1

During the process of troubleshooting a VPLS problem the "oam mac-purge" command with "register" option was used to purge a MAC address from the FDB.

Which of the following statements is true?

A. Relearning of the MAC address that was purged can only be done once customer traffic resumes.

B. Relearning of the MAC address that was purged can only be done with the "oam mac- populate" command.

C. Customer traffic destined to the MAC address that was purged will be dropped until the MAC address is relearned with the "oam mac-populate" command.

D. Relearning of the MAC address that was purged can only be done with the "oam mac- register" command.
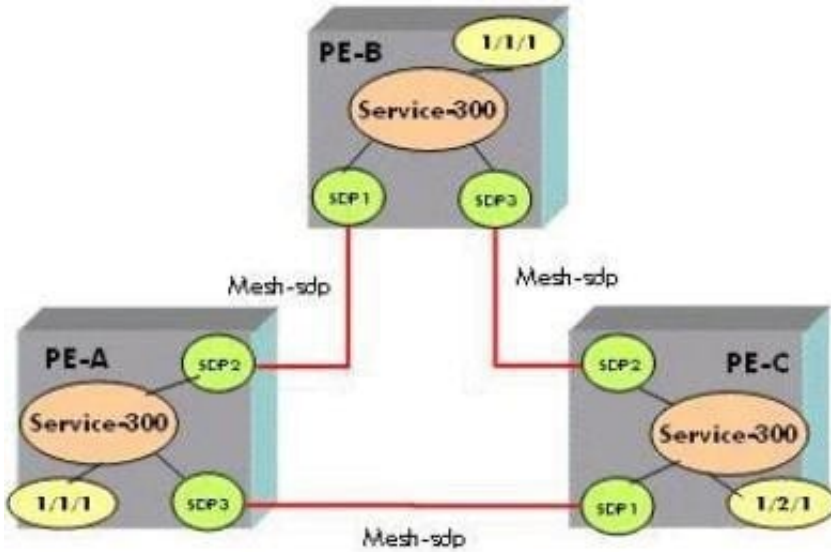
Correct Answer: B

QUESTION 2

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

A. Event notification.

B. Loopback control.

C. Information.

D. Variable request.

E. Variable response.

Correct Answer: C

QUESTION 3

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)

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.

Correct Answer: BD

QUESTION 4

How many designated ports are there in a spanning tree topology?

A. The same as the number of alternate ports in the topology

B. 1 per segment

C. The same as the number of root ports

D. 1 per switch

Correct Answer: B

QUESTION 5

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?

A. 0

B. 1

C. 2

D. 3

Correct Answer: D

QUESTION 6

Which of the following statements about Spanning Tree Protocol is true?

A. For the switches that are non-root or designated switches, the port with the highest combined cost to the root is the root port.

B. In the case where two switches have the same priority, the switch with the lowest MAC address becomes the root.

C. The switch port that is the greatest distance from the LAN to the root is the designated port.

D. All of the above.

Correct Answer: B

QUESTION 7

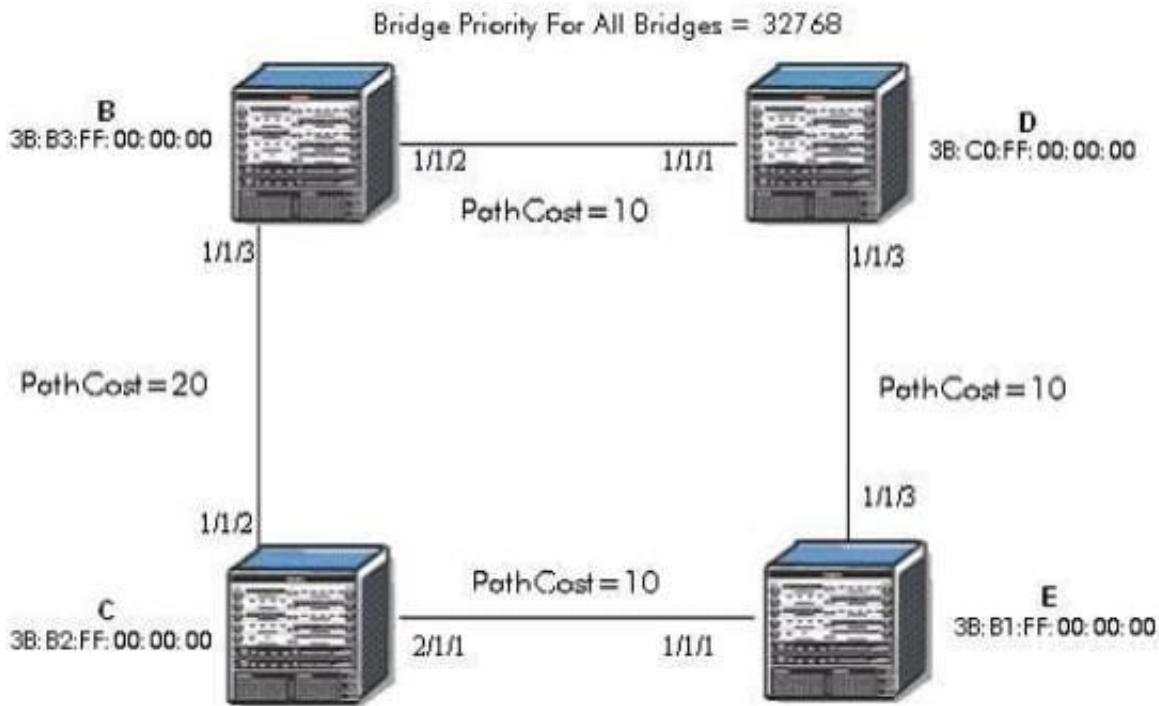Why are provisioning requirements a factor that influence VPLS design? (Choose 2)

A. Adding or removing a node may require several network touches.

B. Adding or removing a SAP may require several network touches.

C. Adding or removing a service may require several netwrork touches.

D. Adding or removing an Epipe may require several network touches.

E. Provisioning is a factor for all Ethernet services.

Correct Answer: AC

QUESTION 8

Click on the exhibit below.

Bridge Priority For All Bridges = 32768

B
3B: B3:FF: 00: 00: 00

D
3B: C0:FF: 00: 00: 00

1/1/2   1/1/1
PathCost = 10

1/1/3   1/1/3

PathCost = 20   PathCost = 10

1/1/2   1/1/3

C
3B: B2:FF: 00: 00: 00

PathCost = 10

2/1/1   1/1/1

E
3B: B1:FF: 00: 00: 00

Which ports will become root ports? (Choose 3)

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

Correct Answer: BDF

QUESTION 9

Which of the following is NOT a feature of the IEEE 802.3ah EFM standard?

A. Discovery and auto-negotiation of OAM capabilities.

B. Link monitoring via event notifications.

C. Remote failure indication (RFI).

D. Remote Loopback E. Latency and jitter across a service.

Correct Answer: E

QUESTION 10

In Rapid Spanning Tree Protocol, a Backup Port is on the same switch as a Designated Port?
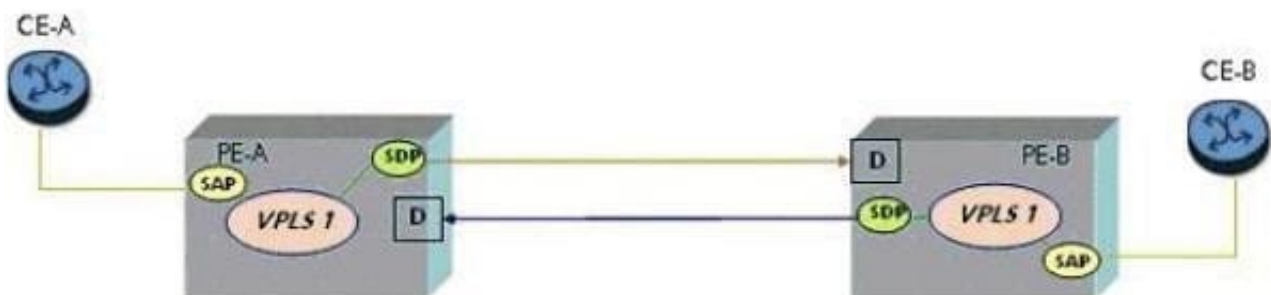
A. TRUE

B. FALSE

Correct Answer: A

QUESTION 11

How can one ensure that a specific switch will be select as root in an STP network?

A. Set the bridge priority to 131071.

B. Set the bridge priority to 0.

C. Set the bridge priority to 32768.

D. Leave the bridge priority as the default.

Correct Answer: B

QUESTION 12

Click on the exhibit below.

CE-A is on VLAN 200 and CE-B is on VLAN 300. Which of the following SAP ids can be configured on PEA and PE-B to allow direct communication between CE-A and CE-B?

A. PE-A will require a SAP id of "sap 1/1/1:200" and PE-B will require a SAP id of "sap 1/1/1:300.

B. PE-A will require a SAP id of "sap 1/1/1" and PE-B will require a SAP id of "sap 1/1/1".

C. PE-A will require a SAP id of "sap 1/1/1:0" and PE-B will require a SAP id of "sap 1/1/1:0".

D. PE-A will require a SAP id of "sap 1/1/1:*" and PE-B will require a SAP id of "sap 1/1/1:*".

Correct Answer: A

QUESTION 13

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

A. Control plane scaling.

B. Data plane scaling.

C. Network touches.

D. Route table reduction.

E. OAM tools.

Correct Answer: ABC

QUESTION 14

Which protocol is used to signal the status of the active links between the PE and the CE in MC- LAG?

A. MSTP

B. MCLAG

C. LACP

D. DHCP

E. A proprietary protocol

Correct Answer: C

QUESTION 15

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?

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

Correct Answer: C

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