300-515^{Q&As}

Implementing Cisco Service Provider VPN Services (SVPI)

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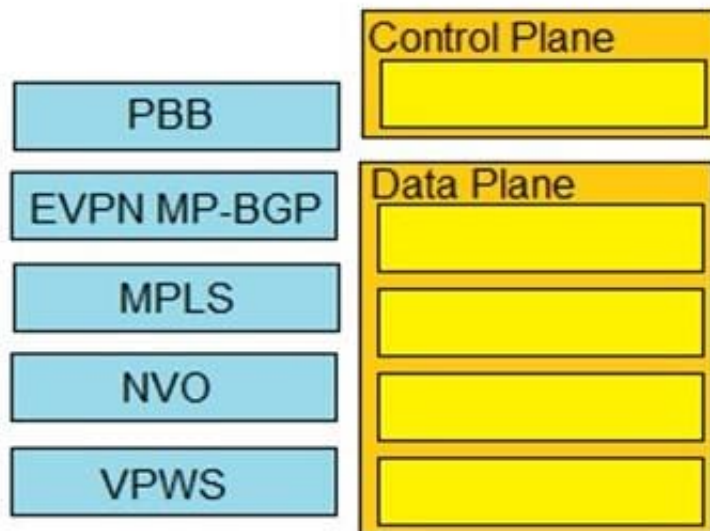⚙ **800,000+** Satisfied Customers
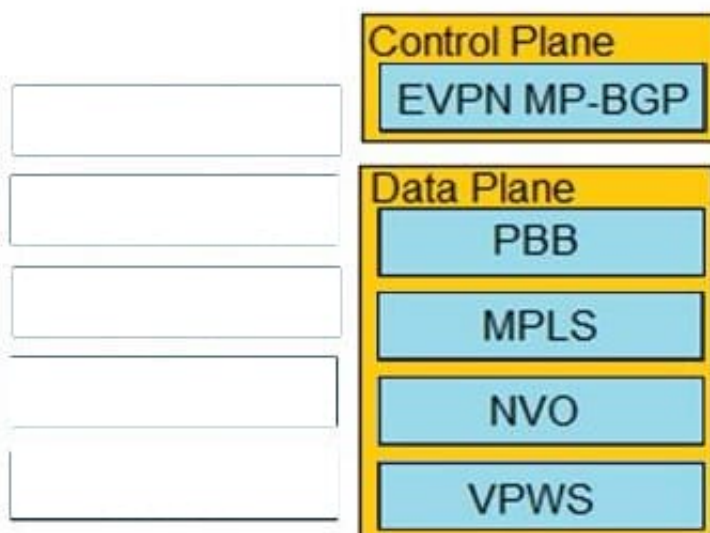
QUESTION 1

DRAG DROP

Drag and drop the EVPN components from the left onto the correct planes on the right.

Select and Place:

Correct Answer:

Reference: https://www.cisco.com/c/dam/m/en_us/network-intelligence/service-provider/digital-transformation/knowledge-network-webinars/pdfs/0420-epn-ckn.pdf slide 8

QUESTION 2

How do Ethernet virtual circuits provide a way for service providers to maximize the use of VLAN tags\\'-1

A. They add an additional tag to VLANs that allows up to two switch ports to use the same globally configured VLAN ID.

B. They redefine the VLAN tag to include classification, forwarding, and QoS using MPLS labels and EXP bits

C. They separate the classification and forwarding concepts for VLAN tagging which allows multiple switch ports to use the same VLAN ID without it being configured globally.

D. They assign VLAN IDs to VTP domains so that the same VLAN ID are used more than once globally.

Correct Answer: C

QUESTION 3
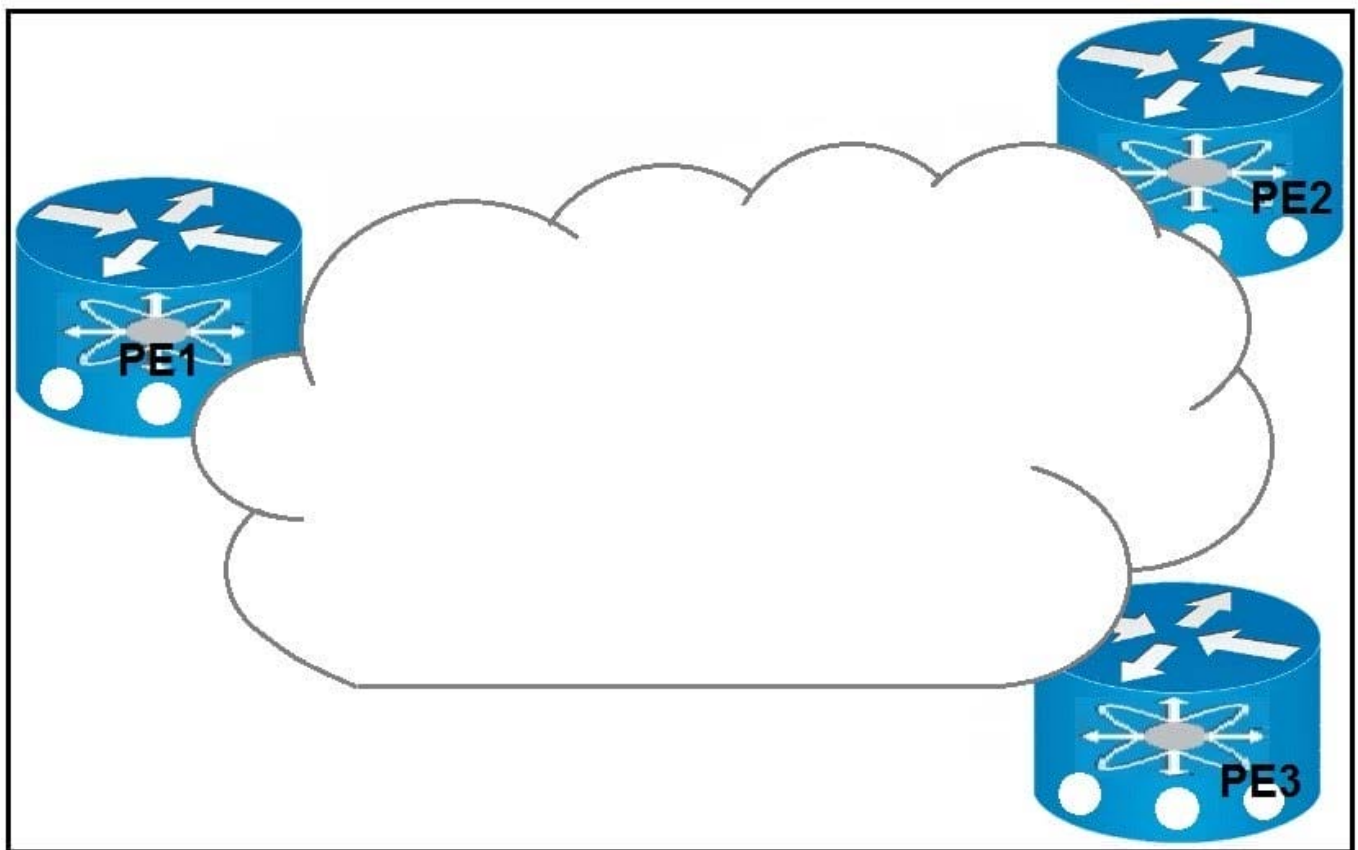
Refer to the exhibit. Which result occurs when PE1 learns a new MAC address and all three PEs are enabled with EVPN native?

A. A system notification is sent to the network administrator that triggers the manual configuration of the new MAC address on PE2 and PE3.

B. The new MAC address is sent by BGP to PE2 and PE3 as a Type 2 BGP route.

C. The MAC address is entered into the CAM table and is classified for use on the native VLAN

D. The MAC address is entered into the CAM table only if it is learned on the native VLAN.

Correct Answer: B

Reference: https://www.cisco.com/c/en/us/td/docs/routers/asr9000/software/asr9k-r6-4/lxvpn/configuration/guide/b-l2vpn-cg-asr9000-64x/b-l2vpn-cg-asr9000-64x_chapter_01011.html

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QUESTION 4

```
mdt default mpls mldp 2.2.2.2
```

Refer to the exhibit. Which statement about this command is true?

A. It must be configured on each PE router to enable the PE routers to receive multicast traffic for this particular MVRF.

B. It is used to set the designated router on a link using PIM-SM.

C. It must be configured on the PE and CE router to enable MP-BGP to send labels for CSC.

D. It is used to set the router that will server as the root bridge for STP.

Correct Answer: A

Reference: https://www.cisco.com/c/en/us/td/docs/routers/asr1000/configuration/guide/chassis/asrswcfg/lsmmldp.html

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QUESTION 5

In a typical service provider environment, which two tools are used to help scale PE router connectivity requirements? (Choose two.)

A. route reflectors

B. VPNv4 address family

C. originator ID

D. cluster ID

E. confederations

Correct Answer: AE