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4A0-105

Nokia Virtual Private LAN Services

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Topic 1, Volume A

QUESTION NO: 1

Which of the following technologies allows for two explicit VLAN tags to be received from a customer device?

- A. RSVP-TE
- B. SP-VLAN
- C. QinQ
- D. Dot1Q

Answer: C

Explanation:

QUESTION NO: 2

What is the SA in the Ethernet frame used for by a layer 2 switch?

- A. MAC learning
- B. SA filtering
- C. Routing table population
- D. Frame forwarding

Answer: A

Explanation:

QUESTION NO: 3

What are the limitations of a traditional layer 2 switch? (Choose 3)

- A. Isolates collision domains.
- B. Requires layer 2 loop prevention.
- C. Slow response to topology changes.
- D. Limited to 4094 vlans per switch.
- E. Increased flooding.

Answer: B,C,D

Explanation:

QUESTION NO: 4

Which of the following statements about the VC-ID is false?

- A. The vc-id is signaled in the control plane.
- B. The vc-id is part of the data plane encapsulation.
- C. There is a vc-id to vc-label mapping.
- D. The vc-id has point to point significance.

Answer: B

Explanation:

QUESTION NO: 5

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

- 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

Explanation:

QUESTION NO: 6

Fill in the blank for this next sentence. Flooded traffic received on any _____ in the service is replicated to other spoke SDPs and SAPs and not transmitted on any mesh SDPs.

- A. Spoke SDP
- B. Mesh SDP
- C. Either (a) or (b) will make this sentence true.
- D. Neither (a) nor (b) will make this sentence true.

Answer: B

Explanation:

QUESTION NO: 7

Port 1/1/1 has been configured as an access port with QinQ encapsulation. Which of the following three statements are true for ingress traffic assuming default configuration? (Choose 3)

- A. sap 1/1/1:*0 is a valid sap id.
- B. sap 1/1/1:100* will accept frames with a single tag of 100.
- C. sap 1/1/1:200* will strip the top tag of 200 and the bottom tag will be transparently passed.
- D. sap 1/1/1:0* will accept all untagged frames.
- E. sap 1/1/1:0* will accept any tagged frames.

Answer: B,C,D

Explanation:

QUESTION NO: 8

Which of the following statements relating to VPLS is false?

- A. A VPLS is a multipoint Layer 2 service.
- B. A VPLS allows multiple customer sites to be connected in a single bridged domain.
- C. A VPLS on a single node requires a SDP.
- D. With an IP/MPLS infrastructure, service providers can provide multiple VPLS services over a common IP/MPLS infrastructure.
- E. The VPLS switches traffic based on MAC address associated to the appropriate SAP.

Answer: C

Explanation:

QUESTION NO: 9

Click on the exhibit below.

