



Free Questions for 4A0-105  
Shared by English on 24-05-2024

For More Free Questions and Preparation Resources

[Check the Links on Last Page](#)



## Question 1

---

Question Type: MultipleChoice

---

Why is MAC explosion a factor to be considered when designing a large VPLS network? (Choose 2)

Options:

- A- The time to relearn thousands of MAC addresses may result in excessive flooding or loss of packets.
- B- If the FDB reaches the limit, the router will discard frames.
- C- Discarding frames when the FDB limit is reached could deny SLA guarantees.
- D- It could take several seconds to relearn thousands of MAC addresses denying QoS/SLA guarantees.

Answer:

---

A, D

## Question 2

---

Question Type: MultipleChoice

---

What is the MTU impact on the SDP path-mtu if fast reroute, one-to-one mode is implemented on the LSP?

Options:

- A- There will be no impact on the path-mtu.
- B- The path-mtu will decrease by 4 bytes.
- C- The path-mtu will increase by 4 bytes.
- D- The path-mtu will decrease by 8 bytes.
- E- The path-mtu will increase by 8 bytes.

Answer:

---

A

## Question 3

Question Type: MultipleChoice

Click on the exhibit below.



Assume PE-B expects avian tag as part of the RFC 4762 (Martini) encapsulation. How must PE-A be configured?

Options:

- A- The port that the SAP belongs to must have the correct ether type configured.
- B- The SAP must be configured with the right VLAN tag.
- C- The SDP VC type must be configured as type VLAN and the correct vlan-vc-tag must be specified.
- D- All of the above.

Answer:

C

## Question 4

Question Type: MultipleChoice

Which physical topology is NOT commonly deployed in today's VPLS networks?

Options:

- A- Ring topologies.
- B- Metro-to-metro topologies
- C- H-VPLS topologies.
- D- Partial-mesh topologies.

Answer:

D

## Question 5

Question Type: MultipleChoice

Which of the following is a function of the data plane that must be considered when provisioning a VPLS service?

Options:

- A- Number of LSPs.
- B- Number of TLDP sessions.
- C- Number of SDPs.
- D- MAC address consumption in the FDB.
- E- Bandwidth and replication requirements.

Answer:

E

## Question 6

Question Type: MultipleChoice

Which of the following statements about a management VPLS are true? (Choose 2)

Options:

- A- A management VPLS carries customer traffic over the non-blocking spoke-SDP
- B- A VPLS service must be defined as a management VPLS upon creation to take on the role of a management VPLS
- C- The state of a spoke-SDP within a user VPLS will take on the state of the spoke-sdp within the management VPLS.
- D- The management VPLS must be created before the user VPLS.

Answer:

B, C

## Question 7

Question Type: MultipleChoice

Click on the exhibit below.

```
A: PE5# show service service-using
=====
Services
=====
ServiceId  Type      Adm    Opr    CustomerId  Last Mgmt Change
-----
10         VPLS     Up     Up     1           09/12/2006 18:03:34
20         VPLS     Up     Up     1           09/11/2006 11:14:45
100        VPLS     Up     Up     1           09/12/2006 17:51:07
=====
Matching Services : 3
=====
```

Management VPLS 100 has been created for redundant spoke-SDP connections. User VPLSs 10 and 20 are using the same spoke-SDPs that are being managed by VPLS 100. Unexpected behavior has been reported. Based on the following output, what is the most likely reason for the unexpected behavior?

Options:

- A- VPLS 100 was not actually configured as a management VPLS.
- B- VPLS 10 and VPLS 20 are not actually configured as a user VPLS.
- C- VPLS 10 and VPLS 20 are not using the same spoke-sdps that the management VPLS is using.
- D- Based on the output there is now way of telling if there is a problem with the configuration.

Answer:

A

## Question 8

Question Type: MultipleChoice

RSTP blocks a spoke-sdp using a management VPLS. Is traffic affected on an ES using the same transport SDP?

Options:

---

- A- Yes
- B- No

Answer:

---

A

## Question 9

---

Question Type: MultipleChoice

---

Why should you configure send-flush-on failure on your PE routers when using active/standby pseudowires?

Options:

---

- A- It flushes the local FDB speeding recovery
- B- It discards all packets in the queue and sends icmp-discad messages to the sender. The packets are re-transmitted resulting in no loss of data.
- C- On failure, the PE sends an LDP flush-all-from-me message to all PE devices in the VPLS. This speeds convergence to the new topology.
- D- It is not important to use send-flush-on-failure as Active/Standby signalling automatically converges the FDB in all VPLS instances

Answer:

---

C

## Question 10

---

Question Type: MultipleChoice

---

Which of the following statements regarding unicastand multicast frames is true for a traditional layer 2 switch? (Choose 2)

Options:

---

- A- Multicast frames only forward out ports that have a known receiver.
- B- Unicast frames only forward out ports that have a known receiver.

- C- If the FDB is empty, unicast and multicast frames are treated equally.
- D- If the FDB has an entry for the unicast frame, both unicast and multicast are treated equally.

Answer:

---

B, C



To Get Premium Files for 4A0-105 Visit

<https://www.p2pexams.com/products/4a0-105>

For More Free Questions Visit

<https://www.p2pexams.com/nokia/pdf/4a0-105>

**20%**  
**DISCOUNT**

**P2P**  
exams