



**Free Questions for 4A0-105 by certsdeals**

**Shared by Bruce on 29-01-2024**

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## Question 1

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**Question Type:** MultipleChoice

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What is the default Spanning Tree protocol used in a VPLS on the Alcatel-Lucent 7750 SR?

**Options:**

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**A-** 802.1D2004

**B-** 802.1D 1998

**C-** comp-dot1w

**D-** PVST

**Answer:**

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A

## Question 2

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**Question Type:** MultipleChoice

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

**Options:**

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**A-** Yes

**B-** No

**Answer:**

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A

## Question 3

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**Question Type:** MultipleChoice

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What needs to be configured in a VPLS in order to forward customer STP BPDUs transparently?

**Options:**

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- A- Spanning tree must be enabled within the VPLS.
- B- Spanning tree BPDUs must be untagged.
- C- Spanning tree BPDUs must be tagged.
- D- Spanning tree must be disabled within the VPLS.

**Answer:**

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D

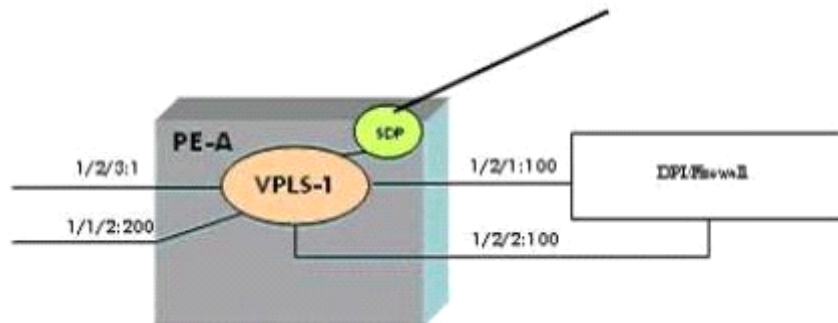
## Question 4

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**Question Type:** MultipleChoice

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Click on the exhibit below.



Which of the following features can be enabled to eliminate MAC instability when using policy-based forwarding to redirect traffic to a Layer 2 DPI device?

**Options:**

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- A- discard-unknown
- B- mac-move
- C- disable-learning
- D- enable-mac-stability

**Answer:**

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C

## Question 5

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**Question Type: MultipleChoice**

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What is the result of initiating an oam mac-ping to an unknown unicast MAC address in a VPLS instance?

**Options:**

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- A-** The oam mac-ping will fail. The MAC address must be known in the local FDB to be successful.
- B-** The request will be flooded and the only response will come from the PE node that has learned the specified MAC address on a local SAP.
- C-** The request will be flooded and the CE device with the corresponding MAC will reply.
- D-** All nodes will reply because the oam mac-ping is flooded.

**Answer:**

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B

## Question 6

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**Question Type: MultipleChoice**

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The "discard-unknown" command has been enabled at the VPLS level. Which of the following statements is true? (Choose 2)

**Options:**

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- A-** Broadcast traffic will be flooded.

- B-** If the unicastSA has not been learned in the FDB, the frame will be dropped.
- C-** If the unicast DA has not been learned in the FDB, the frame will be dropped.
- D-** All traffic will be dropped, including multicast and broadcast.
- E-** Broadcast traffic will be dropped.

**Answer:**

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A, C

## Question 7

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**Question Type:** MultipleChoice

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The FDB has learned 2 MAC addresses. The first is from a device accessible via a locality defined SAP, the second is from a device accessible via an SDP. Both MAC addresses were learned at the exact same time. If all traffic from these hosts stops at the same time, which address will age out first from the FDB based on default settings?

**Options:**

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- A-** MAC learned via SAP

- B- MAC learned via SDP
- C- There is not enough information to determine
- D- Both will timeout at the same time

**Answer:**

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A

## Question 8

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**Question Type:** MultipleChoice

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

**Options:**

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- 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:**

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A

## Question 9

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**Question Type: MultipleChoice**

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

**Options:**

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- 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:**

---

B

## Question 10

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**Question Type:** MultipleChoice

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Click on the exhibit below.



The SAP on PE-A has been configured with dot1q encapsulation. The SAP on PE-B has been configured with qinq encapsulation. CE-A sends frames with a single tag of 100. The VLAN tag from CE-A must be passed transparently. CE-B is expecting a frame with a top tag of 200 and bottom tag of 100. Which of the following is the correct SAP id for PE-B?

**Options:**

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A- sap 1/1/1:200.100

B- sap 1/1/1:200\*

C- sap 1/1/1:\*

D- sap 1/1/1:0\*

**Answer:**

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B

## Question 11

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**Question Type:** MultipleChoice

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A customer has requested a VPLS service. The customer is using dot1q encapsulation and they have requested that all vlan tags be transparently passed. Which two SAP IDs will accept VLAN tags and pass them transparently? (Choose 2)

**Options:**

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A- sap 1/1/1

B- sap 1/1/1:0\*

**C-** sap 1/1/1:0

**D-** sap 1/1/1:\*

**Answer:**

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A, D

## Question 12

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**Question Type: MultipleChoice**

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Which of the following SAP encapsulations supports only one service on a port?

**Options:**

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**A-** Dot1Q

**B-** Null

**C-** Q-in-Q

**D-** Ipcp

**E-** BCP

**Answer:**

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B

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