



Free Questions for 4A0-105

Shared by Reed on 09-08-2024

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# Question 1

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Question Type: MultipleChoice

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You are providing a customer two VPLS services in two different Metro networks. VPLS 500 has been configured in Metro 1 and VPLS 900 has been configured in Metro 2. The customer has requested that they have connectivity between the Metro Networks with their existing VPLS services. Which configuration on the PE routers linking the metro networks will allow for VPLS 500 and VPLS 900 to act as a single VPLS service? Assume default values for all VPLS parameters and SDP 999 exists between the metro networks.

- A. Metro 1>service# vpls 500  
Metro 1>service>vpls# spoke-sdp 999:500  
Metro 2>service#vpls 900  
Metro 2>service>vpls>spoke-sdp 999:500
- B. Metro 1>service# vpls 500  
Metro 1>service>vpls# mesh-sdp 999:500  
Metro 2>service#vpls 900  
Metro 2>service>vpls>mesh-sdp 999:500
- C. Metro 1>service# vpls 500  
Metro 1>service>vpls# spoke-sdp 999:500  
Metro 2>service#vpls 900  
Metro 2>service>vpls>spoke-sdp 999:900
- D. It is not possible to have 2 VPLS services with different service ids to act as a single service when default settings are used.

Options:

- A- Option A
- B- Option B
- C- Option C
- D- Option D

Answer:

A

# Question 2

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Question Type: MultipleChoice

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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 PE-A and PE-B to allow direct communication between CE-A and CE-B?

Options:

- 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:\*'.

Answer:

A

## Question 3

Question Type: MultipleChoice

Which of the following OAM tools can be used as a VPLS topology discovery mechanism (Choose 2)?

Options:

- A- oam mac-ping
- B- oam mac-populate
- C- oamsvc-ping
- D- oam mac-trace

Answer:

A, D

## Question 4

Question Type: MultipleChoice

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:

- 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:

B

## Question 5

Question Type: MultipleChoice

The service mtu of a VPLS is set to 9100. What is the recommended MTU value that can be set for the access port assuming dot1q encapsulation?

Options:

- A- 9100
- B- 9104
- C- 9108

D- 9122

E- 9126

Answer:

B

## Question 6

Question Type: MultipleChoice

What is the name of the feature supported on the Alcatel-Lucent 7750 SR that prevents MAC explosion in large VPLS deployments?

Options:

A- H-VPLS

B- M-VPLS

C- PBB

D- MC-EP

Answer:

C

## Question 7

Question Type: MultipleChoice

What of the following is a key benefit of Active/Standby pseudowires?

Options:

A- The MDU does not need to support MPLS.

B- Can be used in ring networks of 4 or more nodes

C- Does not require the use of a layer 2 loop prevention protocol such as RSTP

D- The MDU does not have to be aware of the active/standby configuration

Answer:

C

## Question 8

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 9

Question Type: MultipleChoice

What function in IEEE 802.1 ah helps to limit the amount of MAC addresses learned in the core?

Options:

- A- I-VPLS is configured in the core of the network with an I-MAC address. This I-MAC address is the only MAC learned in the core
- B- The B-VPLS and I-VPLS are configured in the edge. The B-VPLS is configured with a Backbone MAC and is the only MAC learned in the core
- C- Each SDP is configured with a Backbone MAC to hide customer MAC addresses in the core
- D- Each SAP is associated with a common I-MAC to hide customer MAC addresses in the core

Answer:

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B



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