

Nokia 4A0-104 Exam

Volume: 288 Questions

Question No: 1

3 Epipe services and 2 VPLS services have been configured between two PE routers. How many service labels will be signaled in total?

- A. 2
- B. 3
- C. 4
- D. 5
- E. 6
- F. 10

Answer: F

Question No: 2

Which of the following statements are TRUE about configuring a SDP between an IES and a VPLS? (Choose 2)

- A. The SDP must be a mesh
- B. The SDP must be a spoke.
- C. Once the SDP is configured on both PE routers, both the services will be operationally up without further configuration changes.
- D. The Layer 2 MTUs must match between the IES and the VPLS
- E. The Layer 2 MTU must be 14 bytes smaller on the VPLS than it is on the IES.

Answer: BD

Question No: 3

Port 1/1/1 has been configured as an access port with encapsulation dot1q on an Alcatel-Lucent 7750 SR. Which of the following statements are TRUE? (Choose 2)

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- A. The SAP 1/1/1 will forward all traffic transparently.
- B. The SAP 1/1/1:0.* will forward all untagged traffic and traffic tagged with VLAN 0.
- C. The SAP 1/1/1:* will forward untagged traffic but not tagged traffic.
- D. TheSAP1/1/1:400 will forward customer traffic tagged with VLAN 400
- E. The SAP 1/1/1:0 will forward untagged traffic and traffic tagged with VLAN 0

Answer: DE

Question No: 4

Which VPWS service would be used to create a point-to-point Frame Relay service?

- A. Epipe
- B. Apipe
- C. Fpipe
- D. Ipipe
- E. Cpipe

Answer: C

Question No: 5

Which routing protocol cannot be run over an Ipipe?

- A. OSPF
- B. RIP
- C. BGP
- D. IS-IS

Answer: D

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Question No: 6

Which service is needed to bridge an ATM service to an Ethernet service?

- A. Apipe
- B. Fpipe
- C. Cpipe
- D. Epipe
- E. Bridge service

Answer: D

Question No: 7

How many service labels must be signaled to bring up a fully meshed VPLS service among four PE routers?

- A. 1
- B. 4
- C. 6
- D. 8
- E. 12
- F. 24

Answer: E

Question No: 8

Which of the following most accurately describes the default behavior of a VPLS regarding the handling of a tagged frame at the ingress of SAP 1/1/1:100?

- A. The FCS is verified and the customer frame is transported intact over the service provider network.
- B. The FCS is verified and kept in the customer frame. The VLAN tag is removed for transport over the network.

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- C. The FCS is verified and removed from the frame. The VLAN tag is kept for transport over the network.
- D. The FCS is verified and removed from the frame. The VLAN tag is removed for transport over the network.

Answer: D

Question No: 9

What happens when a packet without a VLAN tag is received on a SAP provisioned with null encapsulation while an SDP vc-type is provisioned as vlan?

- A. The frame is dropped.
- B. The service ID is added as the VLAN tag.
- C. A VLAN tag of 0 is added as the provider VLAN tag
- D. The frame is forwarded with no VLAN tag

Answer: C

Question No: 10

What distinguishes a VPLS service from a VPWS service?

- A. VPLS supports point-to-point connections.
- B. VPLS supports multipoint-to-multipoint connections
- C. VPLS supports a distributed service
- D. VPLS supports a local service on a single node.

Answer: B

Question No: 11

Which of the following statements best describes the flooding of traffic on a PE when traffic is received on a SAP?

- A. Traffic is flooded to all SAPs in the service.

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- B. Traffic is flooded to all SAPs and spoke SDPs in the service.
- C. Traffic is flooded to all SAPs and mesh SDPs in the service.
- D. Traffic is flooded to all SAPs, spoke SDPs, and mesh SDPs in the service.
- E. The traffic is not flooded.

Answer: D

Question No: 12

Which of the following represents a SAP on a physical port configured with Q-in-Q encapsulation?

- A. sap 1/1/1
- B. sap 1/1/1:5
- C. sap 1/1/1:5:5
- D. sap 1/1/1:10.100

Answer: D

Question No: 13

In a VPLS service, the mesh-sdp vc-id is identical to the service id by default.

- A. TRUE
- B. FALSE

Answer: A

Question No: 14

How many SAPs can be configured on a port configured with NULL encapsulation?

- A. 1
- B. 4096
- C. None. This encapsulation is not supported.

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D. The number is limited only by the capacity of the router

Answer: A

Question No: 15

Customer 'A' has sites on 3 different Alcatel-Lucent PE routers. The routers are connected to each other through an IP/MPLS network in a full mesh fashion. Customer 'A' requires a VPLS service. Which of the following statements are TRUE? (Choose2)

- A. Each router requires 1 VPLS service.
- B. Each router requires 2 VPLS services.
- C. Each router requires 1 SDP with 2 LSPs, one to each of the other 2 routers.
- D. Each router requires 2 SDPs.
- E. Each router requires 3 SDPs

Answer: AD

Question No: 16

Which of the following statements best describes the flooding of traffic on a PE when traffic is received on a spoke SDP?

- A. Traffic is flooded to all SAPs in the service.
- B. Traffic is flooded to all SAPs and spoke SDPs in the service.
- C. Traffic is flooded to all SAPs and mesh SDPs in the service.
- D. Traffic is flooded to all SAPs, spoke SDPs, and mesh SDPs in the service
- E. The traffic is not flooded.

Answer: D

Question No: 17

What does a PE do when a frame is received in a VPLS service with an unknown destination address by default?

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- A. Drop the frame.
- B. Flood the frame to all PEs participating in the service.
- C. Send a destination unreachable message back to the originating host.
- D. Store the frame until the destination is known

Answer: B

Question No: 18

What is the default vc-type for an SDP on the Alcatel-Lucent 7750 SR?

- A. vc-type null
- B. vc-type ether
- C. vc-type vlan
- D. vc-type none

Answer: B

Question No: 19

Which of the following best completes the sentence: "An Internet Enhanced Service is a _____ service where the CE communicates with a _____ interface to send and receive traffic."

- A. distributed/virtual
- B. local/sub
- C. routed/Layer 3
- D. distributed/routed
- E. Layer 2/loopback

Answer: C

Question No: 20

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Which of the following statements is TRUE?

- A. An OSPF adjacency can be established on an IES interface.
- B. IES allows provider MP-BGP sessions to be extended to customers.
- C. An IES service must use static routes in order to communicate with customer networks.
- D. An IES interface supports OSPF and IS-IS in passive mode only.

Answer: A

Question No: 21

What are the two major differences between configuring an IES service and configuring VPWS or VPLS services? (Choose 2)

- A. IES does not support QoS.
- B. IES has a configurable IP-MTU
- C. A virtual route table must be configured for an IES service.
- D. An IES interface has an IP address assigned to it.

Answer: BD

Question No: 22

An ES service can have both MAC and IP filters applied to it.

- A. TRUE
- B. FALSE

Answer: B

Question No: 23

What can the sdp-ping command be used for? (Choose 2)

- A. To test the ability of reaching the far-end IP address of an SDP within the SDP encapsulation

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- B. To determine the path MTU to the far-end IP address over an SDP.
- C. To determine the service MTU of the service using an SDP.
- D. To determine the presence of hosts using the service

Answer: AB

Question No: 24

Which of the following statements are TRUE regarding sdp-ping? (Choose 3)

- A. Provides a mechanism to determine the hops an SDP traverses.
- B. Provides in-band uni-directional connectivity tests.
- C. Provides in-band round-trip connectivity tests.
- D. Tests ability of reaching the far-end IP address of an SDP ID within the SDP encapsulation.
- E. Provides information regarding the exact MTU supported between service ingress and service termination.

Answer: BCD

Question No: 25

Which OAM command can be used to verify the correct and consistent provisioning of a service between two service end points?

- A. sdp-ping
- B. lsp-ping
- C. sap-ping
- D. svc-ping

Answer: D

Question No: 26

Which of the following items can NOT be used as a mirror source?

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- A. A physical port.
- B. ASAP.
- C. Ingress MPLS frames with a specific label.
- D. Entries that match an IP filter.
- E. Entries that match a MAC filter.
- F. All of the above can be used as a mirror source.

Answer: F

Question No: 27

A technician sitting in a Network Operations Center would like to set up a remote mirror on an Alcatel-Lucent 7750 Service Router to examine some data traffic ingressing a port at a remote site. Which of the following are required? (Choose 2)

- A. A mirror destination on the local and remote Alcatel-Lucent Service Router,
- B. A mirror source on the local and remote Alcatel-Lucent Service Router.
- C. A mirror source with the remote source specified on the remote Alcatel-Lucent Service Router.
- D. A mirror source with the remote source specified on the local Alcatel-Lucent Service Router.
- E. An SDP between the local and remote Alcatel-Lucent Service Routers.

Answer: AE

Question No: 28

Click on the exhibit button below.