

## 4A0-104<sup>Q&As</sup>

Alcatel-Lucent Services Architecture

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**QUESTION 1**

On a Nokia 7750 SR, the OAM command `svc-ping` can be used with options `local-sdp` and `remote-sdp`. Which of the following is TRUE?

- A. `local-sdp` and `remote-sdp` indicate that all services using these SDPs are pinged.
- B. `local-sdp` and `remote-sdp` indicate that pings are initiated from both local and remote routers.
- C. Both `local-sdp` and `remote-sdp` take parameters to specify which SDPs are used for the test.
- D. `local-sdp` indicates that the ping is sent in-band, and `remote-sdp` indicates the return ping is in-band.

Correct Answer: D

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**QUESTION 2**

Which of the following is NOT a VPWS service supported on the Nokia 7750 SR?

- A. E-pipe
- B. F-pipe
- C. A-pipe
- D. I-pipe
- E. C-pipe
- F. G-pipe

Correct Answer: F

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**QUESTION 3**

What is a key benefit of a VPLS service?

- A. The customer maintains complete control over routing.
- B. The adding of new sites is simplified; no re-configuration is required at existing sites.
- C. The clear demarcation of functionality between service provider and customer makes troubleshooting easier.
- D. All of the above.

Correct Answer: D

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**QUESTION 4**

Which of the following statements about SAPs that are part of a VPWS is FALSE?

- A. SAPs can be defined on Ethernet, POS, Sonet/SDH, or TDM channels.
- B. Only one SAP is required for a service that originates and terminates on the same Nokia 7750 SR.
- C. SAPs can have QoS policies assigned to them.
- D. Multiple SAPs can be defined on the same port.

Correct Answer: B

### QUESTION 5

Which of the following is NOT a benefit of "Hub and Spoke" VPLS deployments?

- A. They reduce the number of SDPs that need to be configured.
- B. They can be used to work around physical topologies that prevent a fully meshed deployment.
- C. They prevent loops that can be introduced by mesh deployments.
- D. They can simplify the implementation of security policy enforcement and packet inspection.

Correct Answer: C

### QUESTION 6

Click the exhibit.

```

A:R4# show router 100 fib 1
-----
FIB Display
-----
Prefix                                     Protocol
  NextHop
-----
10.1.5.0/24
   10.10.10.1 (VPRN Label:131067 Transport:LDP)
10.6.4.0/24
   10.6.4.0 (R4-R6)
10.10.10.5/32
   10.10.10.1 (VPRN Label:131067 Transport:LDP)
10.10.10.6/32
   10.6.4.6 Indirect (R4-R6)
192.168.10.0/24
   10.10.10.1 (VPRN Label:131067 Transport:LDP)
192.168.20.0/24
   10.6.4.6 Indirect (R4-R6)
-----
Total Entries : 6
-----
  
```

The output is from PE router R4 about VPRN service 100. How many prefixes have been learned from the MP-BGP protocol?

- A. 0
- B. 2
- C. 3
- D. 6

Correct Answer: C

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**QUESTION 7**

Service tunnels and transport tunnels are bidirectional and only require the operator to configure the tunnel on one router.

- A. TRUE
- B. FALSE

Correct Answer: B

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**QUESTION 8**

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

- 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

Correct Answer: B

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**QUESTION 9**

Which of the following about the components of a service on the Nokia 7750 SR is FALSE?

- A. An SDP can be used by more than one service and customer.
- B. A SAP can only be created on an access port.
- C. A customer can have multiple services associated to it.
- D. A customer is only created on one site of a distributed service.

Correct Answer: D

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## QUESTION 10

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

- A. 1
- B. 4096
- C. None. This encapsulation is not supported.
- D. The number is limited only by the capacity of the router

Correct Answer: A

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## QUESTION 11

Which of the following best describes an IES?

- A. Layer 3 direct Internet access service.
- B. Layer 2 point-to-point service.
- C. Layer 2 multipoint-to-multipoint service.
- D. Layer 3 IP multipoint-to-multipoint VPN service.

Correct Answer: A

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## QUESTION 12

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

- A. TRUE
- B. FALSE

Correct Answer: A

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## QUESTION 13

Which of the following about route distinguishers on the Nokia 7750 SR is TRUE?

- A. Route distinguishers are used to ensure that VPRN IP prefixes are globally unique.
- B. Route distinguishers are appended to IPv4 prefixes to form IPv6 prefixes.
- C. Route distinguishers are used to determine which routes a VPRN should import.
- D. CE routes use a route distinguisher to indicate which VPRN they are associated to.

Correct Answer: A

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## QUESTION 14

The SAP 1/1/1:2.3 receives an Ethernet frame with outer VLAN tag 2 and inner VLAN tag 5. Which of the following is TRUE?

- A. The matching outer tag is removed, and the frame is forwarded.
- B. The inner tag is removed, and the frame is forwarded.
- C. The inner tag is changed to match the SAP, and the frame is forwarded.
- D. The frame is dropped.

Correct Answer: D

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## QUESTION 15

What happens by default on a Nokia 7750 SR when a null encapsulated SAP receives a frame with a VLAN tag?

- A. The original VLAN tag is removed.
- B. The original VLAN tag is kept.
- C. The VLAN tag is replaced by a provider tag.
- D. The VLAN tag is kept and a provider tag is added.

Correct Answer: B

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