

# DUMPS ARENA

## Alcatel-Lucent Services Architecture

Alcatel-Lucent 4A0-104

Version Demo

Total Demo Questions: 15

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## Topic Break Down

Topic	No. of Questions
Topic 1, Volume A	59
Topic 2, Volume B	60
Topic 3, Volume C	60
Topic 4, Volume D	60
Topic 5, Volume E	54
<b>Total</b>	<b>293</b>

**QUESTION NO: 1**

Which of the following are characteristics of a SDP? (Choose two.)

- A. SDPs are a logical way to direct traffic from one router to another.
- B. SDPs are a logical way to direct traffic between services.
- C. SDP IDs are locally unique.
- D. SDP IDs must be unique across the network.
- E. SDPs are specific to one service type
- F. SDPs must use MPLS for their encapsulation

**ANSWER: A C**

**QUESTION NO: 2**

On Nokia 7750 SR OS, routing information between the CE and PE can be exchanged using the following methods.

- A. ISIS, RIP, OSPF, static routes
- B. BGP, ISIS, RIP, OSPF, static routes
- C. BGP, RIP, OSPF, static routes, OSPF3
- D. ISIS, RIP, OSPF, static routes, OSPF3

**ANSWER: C**

**QUESTION NO: 3**

Which of the following SAP encapsulations support multiple services on a port? (Choose three.)

- A. dot1q
- B. null
- C. qinq
- D. atm
- E. ipcp

F. bcp-null

**ANSWER: A C D**

#### QUESTION NO: 4

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

- 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: B D**

#### QUESTION NO: 5

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

- 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: B D**

#### QUESTION NO: 6

By default, what does a PE do to support VPLS services for different customers? (Choose two.)

- A. MAC learning.
- B. Maintain a different Forwarding Data Base for each service
- C. ARP mediation.

D. Maintain a different Routing Information Base for each service.

**ANSWER: A B**

**QUESTION NO: 7**

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.

**ANSWER: D**

**QUESTION NO: 8**

Which utility on the Nokia 7750 SR can be used to investigate an MPLS path?

- A. lsp-trace
- B. ldp-trace
- C. Sdp-ping
- D. Svc-ping
- E. Ping

**ANSWER: A**

**QUESTION NO: 9**

Click the exhibit.

```
R1# show router 100 fib 1
-----
FIB Display
-----
Prefix                                     Protocol
  NextHop
-----
10.1.5.0/24                                LOCAL
   10.1.5.0 (R1-R5)
10.6.4.0/24                                BGP_VPN
   10.10.10.4 (VPRN Label:131065 Transport:LDP)
10.10.10.5/32                               BGP
   10.1.5.5 Indirect (R1-R5)
10.10.10.6/32                               BGP_VPN
   10.10.10.4 (VPRN Label:131065 Transport:LDP)
192.168.10.0/24                             BGP
   10.1.5.5 Indirect (R1-R5)
192.168.20.0/24                             BGP_VPN
   10.10.10.4 (VPRN Label:131065 Transport:LDP)
-----
Total Entries : 6
```

Based on this output from PE router R1, how many other PEs are participating in the VPRN?

- A. 0
- B. 1
- C. 2
- D. 3

**ANSWER: B**

#### QUESTION NO: 10

Which of the following best describes a VPLS?

- 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

**ANSWER: C**

**QUESTION NO: 11**

A VPLS has a service MTU of 1600. To create an IES spoke termination to the VPLS, what ip-mtu value must be used for the IES?

- A. 1586
- B. 1596
- C. 1600
- D. 1614

**ANSWER: A****QUESTION NO: 12**

Which of the following are characteristics of an IES service? (Choose two.)

- A. A virtual routing/forwarding table is created per IES service.
- B. Only one IES service can be created for a single customer ID.
- C. More than one IP interface can be created within a single IES service.
- D. All IP interfaces created within the same IES service belong to the same customer

**ANSWER: C D****QUESTION NO: 13**

By default, what does the Nokia 7750 SR do when a frame with an unknown destination address is received in a VPLS?

- A. It drops the frame.
- B. It floods the frame to all PEs participating in the service.
- C. It sends a destination unreachable message back to the originating host.
- D. It sends the frame to the closest neighbor.

**ANSWER: B****QUESTION NO: 14**

On a Nokia 7750 SR, which of the following about IES interfaces is FALSE?

- A. An IES can only have one interface.
- B. An IES interface can have an SDP or a SAP.
- C. An IES can perform fragmentation.
- D. An IES must have an IP address assigned to it.

**ANSWER: A**

#### QUESTION NO: 15

Which of the following conditions are necessary in order for service labels to be signaled between two PE routers? (Choose three.)

- A. LDP must be enabled on both PE routers.
- B. RSVP must be enabled on both PE routers.
- C. Traffic engineering must be enabled in the IGP.
- D. The VC-ID must match between the two PE routers in both directions.
- E. The transport tunnel must be operationally up between the two PE routers in both directions.
- F. The SDP ID must match between the two PE routers in both directions.

**ANSWER: A D E**