Alcatel-Lucent

4A0-104

Alcatel-Lucent Services Architecture

A. Service tunnels are unidirectional.
B. Transport tunnels are unidirectional.
C. A service will use the same service label for every hop.
D. A local service requires a transport tunnel.

Answer: D

QUESTION: 277
Click the exhibit.

```
R1# show router 100 fib 1

================================================================================
FIB Display
================================================================================
Prefix                                                          Protocol
    NextHop
--------------------------------------------------------------------------------
10.1.5.0/24
    10.1.5.0 (R1-R5)
10.6.4.0/24
    10.10.10.4 (VPRN Label:131065 Transport:LDP)
10.10.10.5/32
    10.1.5.5 Indirect (R1-R5)
10.10.10.6/32
    10.10.10.4 (VPRN Label:131065 Transport:LDP)
192.168.10.0/24
    10.1.5.5 Indirect (R1-R5)
192.168.20.0/24
    10.10.10.4 (VPRN Label:131065 Transport:LDP)
--------------------------------------------------------------------------------
Total Entries : 6
```

The output is from PE router R1about VPRN service 100.From which protocol did router R1learn the prefix 192.168.20.0/24?

A. LDP
B. BGP
C. MP-BGP
D. MPLS

Answer: C

QUESTION: 278
Which of the following about ADSPEC is FALSE?

A. ADSPEC sets an SDP's MTU to the smallest MTU value found along the LSP path.
B. RSVP must be enabled on all MPLS routers of a path to use ADSPEC.

C. ADSPEC can automatically adjust the service MTU.
D. ADSPEC can be enabled on individual LSPs.

Answer: C

QUESTION: 279
When configuring distributed services across a network, it is considered best practice to configure which of the following parameters as globally significant?

A. Customer ID and SAP ID.
B. Customer ID and Service ID.
C. SAP ID and Service ID.
D. SDP ID and Service ID.
E. SDP ID and SAP ID.
F. SDP ID and VC ID.

Answer: B

QUESTION: 280
Which of the following about SDPs is FALSE?

A. An SDP is not required for a local service.
B. A single SDP can carry different types of services.
C. An SDP can simultaneously support GRE and MPLS encapsulation.
D. An SDP can use the system IP address to indicate the far-end router.

Answer: C

QUESTION: 281
Which of the following is a characteristic of a VPLS?

A. All SAPs of a VPLS belong to the same broadcast domain.
B. When a new site is added, all the existing sites need to be shutdown and re-provisioned.
C. An additional T-LDP session is required between PEs for each additional VPLS that is provisioned.
D. Multiple VPLSes on the same router share a single MAC FDB.

Answer: A

Which of the following about VPN labels is FALSE?

A. They are signaled between PE devices using MP-BGP.
B. They are swapped at each P router as a packet crosses the service provider network.
C. They are also known as the inner label or service label.
D. They indicate to the egress PE the VPRN to which a packet belongs.
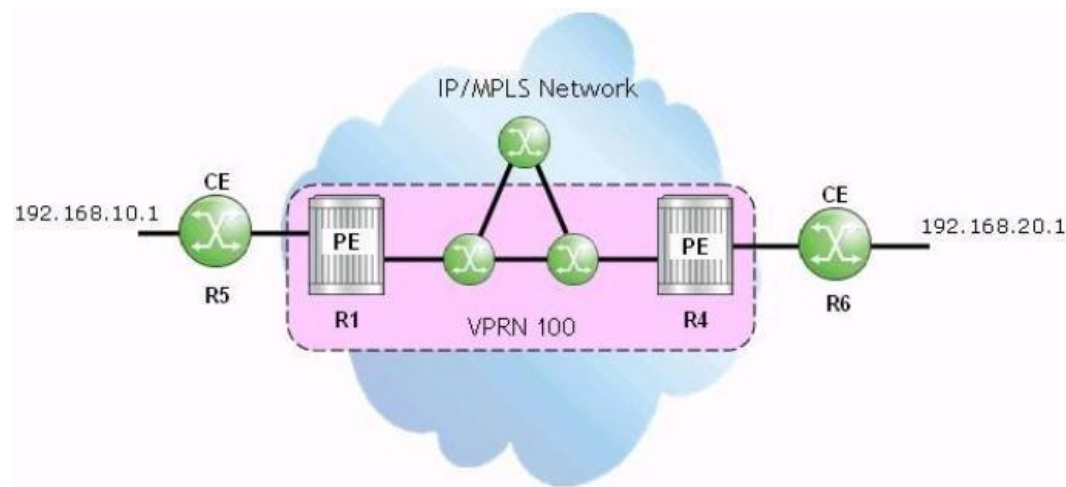
Answer: B

Click the exhibit.

This PE is connected to an IPv4 core and is being configured to support 6VPE for a VPRN.Which of the following completes this section of the configuration?

A. Family ipv4
B. Family ipv6
C. Family ipv4 ipv6
D. Family vpn-ipv4
E. Family vpn-ipv4 vpn-ipv6

Answer: E

Click the exhibit.

The CEs use BGP and export policies to advertise their local prefixes with the VPRN on their PEs. If the VPRN is functioning properly, which of the following commands will succeed when performed on router R1?

A. "ping 192.168.20.1"
B. "oam vprn-ping 100 source 192.168.10.1 destination 192.168.20.1"
C. "oam vprn-ping 100 source 192.168.20.1 destination 192.168.10.1"
D. "ping 10.10.10.6" (router R6's system IP)

Answer: B

QUESTION: 285
A VPLS receives a frame with the single VLAN tag 35 on the Q-in-Q SAP 1/1/1:35.*.Which of the following describes default Alcatel-Lucent 7750 SR behavior?

A. The frame is dropped.
B. The VLAN tag is removed, and the frame is transported over the network.
C. The VLAN tag is kept, and the frame is transported over the network.
D. The VLAN tag is kept, a VLAN of 0 is added, and the frame is transported over the network.

Answer: B

QUESTION: 286
A CE is connected to an IES interface. Which of the following is TRUE?

A. The IES's interface must be an IGP peer with the CE.
B. The IES must use an IP address that is different than the C£.
C. The IES can only include one SAP for the CE.
D. The IES must include a network port.

Answer: B

QUESTION: 287
Which of the following about the components of a distributed service on the Alcatel-Lucent 7750 SR is TRUE?

```
R1>config>service# info
--------------------------------------------------
        customer 1 create
            description "Default customer"
        exit
        customer 100 create
            description "Cust 100"
        exit
        sdp 2 mpls create
            far-end 10.10.10.2
            ldp
            keep-alive
                shutdown
            exit
            no shutdown
        exit
        epipe 12 customer 100 create
            sap 1/1/1:30 create
            exit
            spoke-sdp 2:44 create
                no shutdown
            exit
            no shutdown
        exit
--------------------------------------------------
```

A. A SAP can only be used by one service on a router.
B. A dedicated SDP needs to be created for each service.
C. A service is created on each site before the customer is created.
D. SAPs must be created before a service is created.

Answer: A

QUESTION: 288
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

SAMPLE QUESTIONS

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