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Alcatel-Lucent Services Architecture

Alcatel-Lucent 4A0-104

Version Demo

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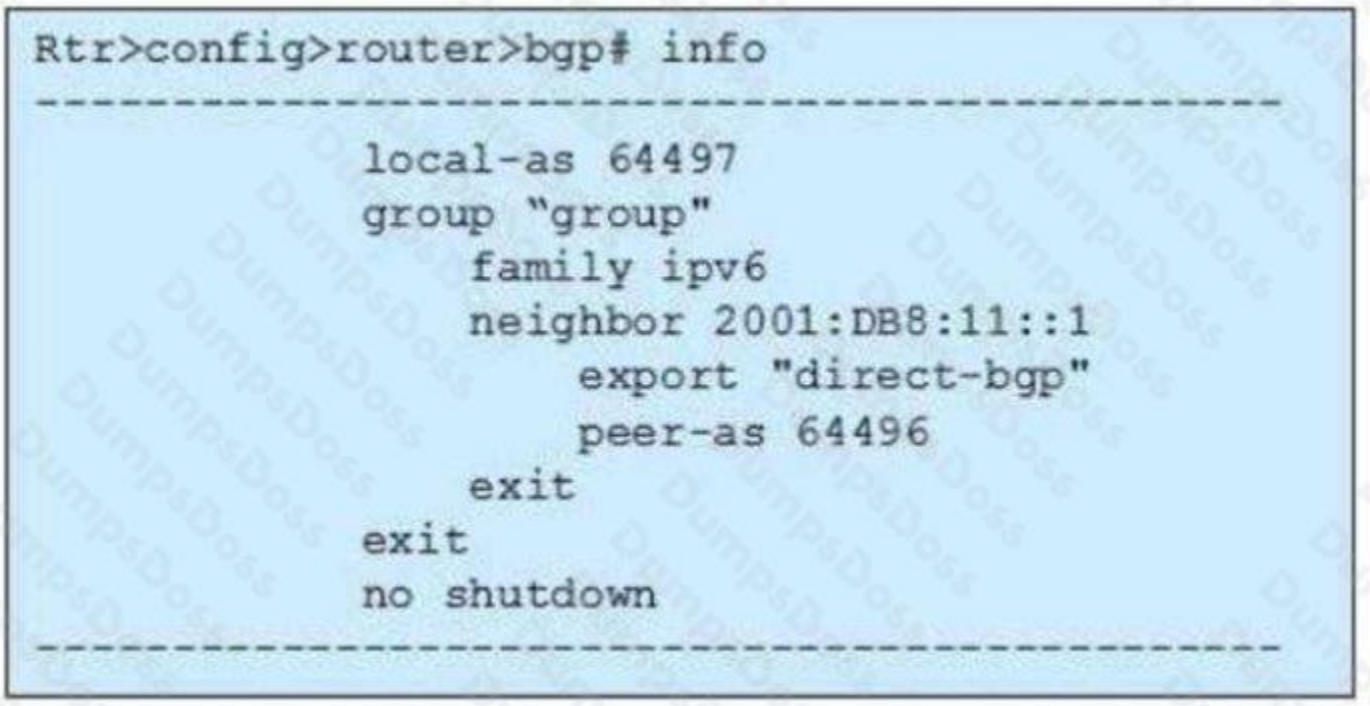
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Topic Break Down

Topic	No. of Questions
Topic 1, Volume A	59
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Topic 3, Volume C	60
Topic 4, Volume D	60
Topic 5, Volume E	54
Total	293

QUESTION NO: 1

Click the exhibit.



This output is from a router that is part of a 6VPE deployment using a VPRN. Which type of router would this configuration be found on?

A. A CE router.

B. A P router.

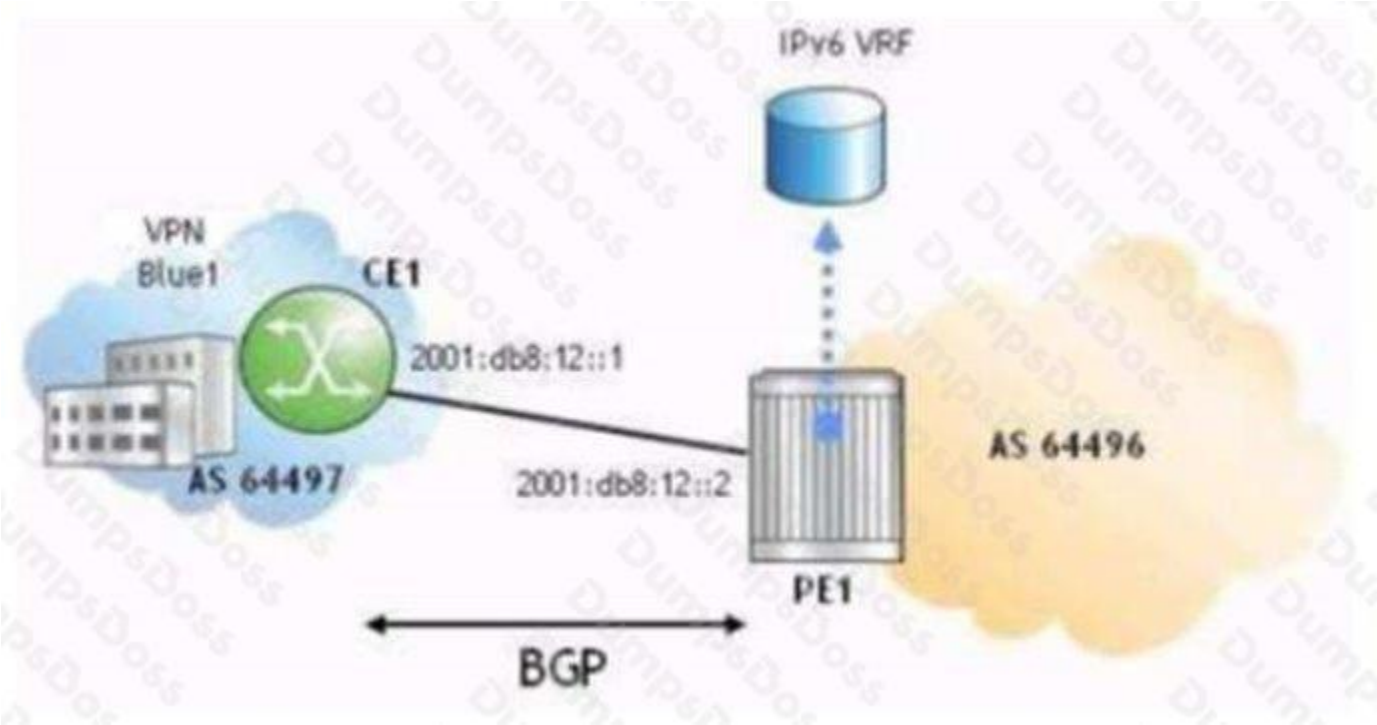
C. A PE router.

D. Both P and PE routers.

ANSWER: A

QUESTION NO: 2

Click the exhibit.



Part of a 6VPE deployment is shown in this exhibit. Which of the following is the correct configuration and context on PE1 for a BGP peering session with CE1?

A.
```
PE1>config>service>vprn>bgp# info
----------------------------------------------
    group "toCE1"
        family ipv6
        export "mbgp-bgp"
        neighbor 2001:db8:12::1
            peer-as 64497
        exit
    exit
```

B.
```
PE1>config>service>vprn>bgp# info
----------------------------------------------
    group "toCE1"
        family ipv6
        export "mbgp-bgp"
        neighbor 2001:db8:12::1
            peer-as 64496
        exit
    exit
```

C.
```
PE1>config>router>bgp# info
----------------------------------------------
    group "toCE1"
        family ipv6
        export "mbgp-bgp"
        neighbor 2001:db8:12::1
            peer-as 64497
        exit
    exit
```

D.
```
PE1>config>router>bgp# info
----------------------------------------------
    group "toCE1"
        family ipv6
        export "mbgp-bgp"
        neighbor 2001:db8:12::1
            peer-as 64496
        exit
    exit
```

A. Option A

B. Option B

C. Option C

D. Option D

ANSWER: A

QUESTION NO: 3

Which of the following describes a service on the Nokia 7750 SR?

A. A logical entity that provides a uniform, end-to-end configuration, management and billing model for provisioning either Internet or VPN connectivity.

B. Provides connectivity between customer access points.

C. A service that can either be local or distributed.

D. All of the above

ANSWER: D

QUESTION NO: 4

Which of the following must be configured when configuring an E-pipe service? (Choose four.)

A. Configuring an E-pipe service with a customer ID

B. Defining a SAP or SAPs.

C. Binding to an SDP if it is a distributed service.

D. Enabling the service using the no shutdown command.

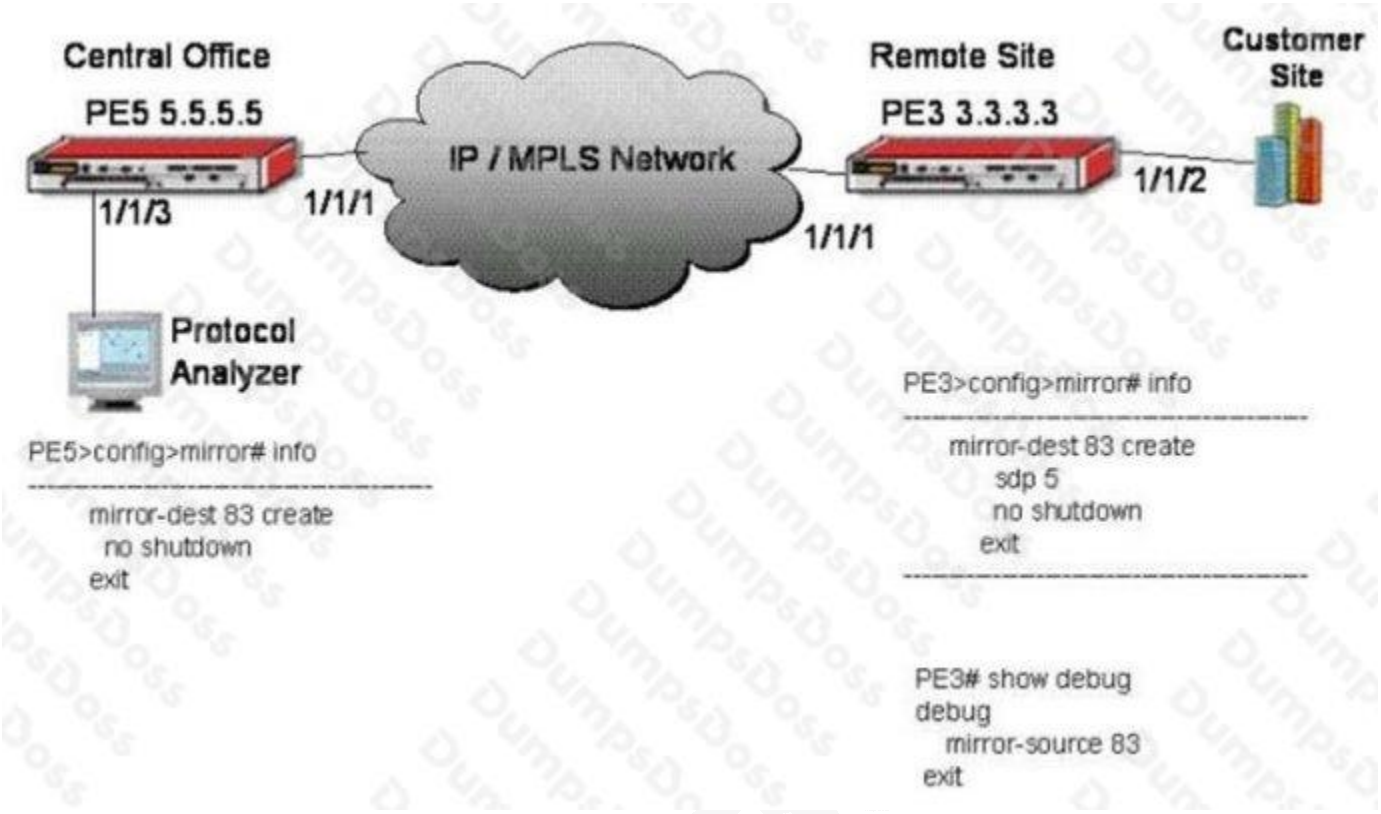
E. Creating and assigning an IP filter to the SAP.

F. Configuring QoS parameters

ANSWER: A B C D

QUESTION NO: 5

Click on the exhibit button below.



Assuming the customer only needs to monitor traffic from PE3 to the customer site, what two items are missing in the configuration of PE5, the Nokia 7750 Service Router in the Head Office? (Assume that the IP/MPLS network structure between the local and remote PEs is in place.) (Choose two.)

A. The mirror destination configuration on PE5 is missing the "remote-source" command.

B. There needs to be a mirror source configuration on PE5 with the "remote-source" command.

C. This is not possible since the protocol analyzer is located at the Central Office. It needs to be at the customer site.

D. There needs to be a configuration command to put sap 1/1/3 on the mirror destination of PE5.

E. There needs to be a configuration command to put sap 1/1/3 on the mirror source of PE5

ANSWER: A D

QUESTION NO: 6

Which of the following about VPRN route targets is FALSE?

A. A route target is used to distinguish to which VRF table a prefix belongs.

B. A route target appended to an IPv4 prefix produces a VPN-IPv4 prefix.

C. Multiple route targets can be part of a single MP-BGP update.

D. Route targets must be configured for VPRNs.

ANSWER: B

QUESTION NO: 7

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

A. A mirror destination on the local and remote Nokia Service Router.

B. A mirror source on the local and remote Nokia Service Router.

C. A mirror source with the remote source specified on the remote Nokia Service Router.

D. A mirror source with the remote source specified on the local Nokia Service Router.

E. An SDP between the local and remote Nokia Service Routers.

ANSWER: A E

QUESTION NO: 8

What is the minimum Ethernet physical network MTU required for a Layer 2 service on an MPLS encapsulated SDP with a service MTU of 1500?

A. 1500

B. 1508

C. 1514

D. 1522

ANSWER: D

QUESTION NO: 9

Which of the following options are used to configure an MPLS signaling type to be used on an SDP? (Choose two.)

A. configure service sdp sdp-id gre create

B. configure service sdp sdp-id create

C. ldp

D. lsp lsp-name

ANSWER: C D

QUESTION NO: 10

When configuring distributed services across a network, it is considered best practice to configure which of the following parameters as globally significant? (Choose two.)

A. SDP ID

B. Service ID

C. Customer ID

D. SAP ID

ANSWER: B C

QUESTION NO: 11

Which of the following best describes an SDP?

A. Acts as a logical way to direct traffic from one SAP to another on a single node.

B. Acts as a logical way to direct traffic from one service to another on a single node.

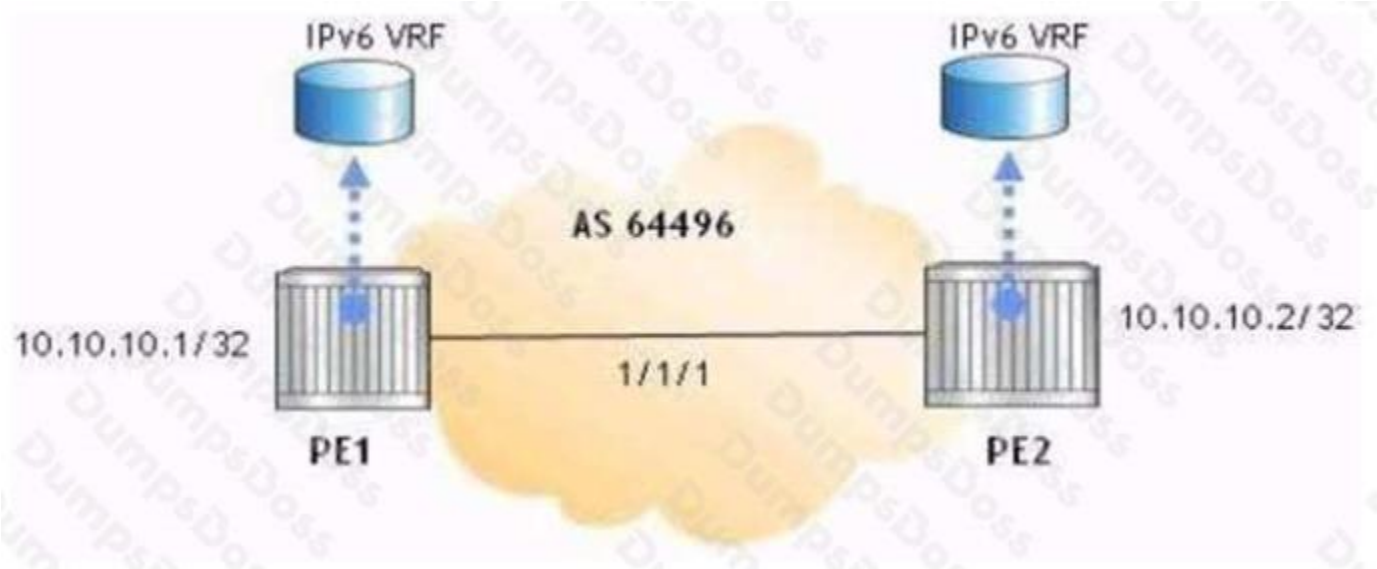
C. Acts as a logical way to direct traffic from one access port to another.

D. Acts as a logical way to direct traffic from services on one router to services on another.

ANSWER: D

QUESTION NO: 12

Click the exhibit.



The two PEs are providing 6VPE and IPv4 VPRNs. The core network is IPv4/MPLS. Which of the following is the BGP family configuration for the MP-BPG on the PEs?

A. family ipv4 ipv6

B. family vpn-ipv4 ipv6

C. family vpn-ipv4 vpn-ipv6

D. family ipv6 vpn-ipv6

ANSWER: C

QUESTION NO: 13

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

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: B C D

QUESTION NO: 14

Which of the following about VPLS MAC learning is FALSE?

A. The PE routers of the service are responsible for learning MAC addresses.

B. Flooding ensures that all PEs in a fully-meshed VPLS will learn the source address of all traffic.

C. MAC learning reduces flooding of frames with previously learned addresses.

D. Multiple VPLSes on the same PE share the same MAC FDB.

ANSWER: D

QUESTION NO: 15

Which of the following statements are TRUE about configuring a distributed E-pipe service?

(Choose two.)

A. The vc-id on the spoke-sdp must be explicitly configured.

B. The vc-id on the mesh-sdp must be explicitly configured.

C. The vc-id on the spoke-sdp can be configured to match the service id.

D. The vc-id on the mesh-sdp can be configured to match the service id.

E. The vc-id on the spoke-sdp does not have to be explicitly configured and will use the service id.

F. The vc-id on the mesh-sdp does not have to be explicitly configured and will use the service id.

ANSWER: A C