



# 4A0-106<sup>Q&As</sup>

Alcatel-Lucent Virtual Private Routed Networks

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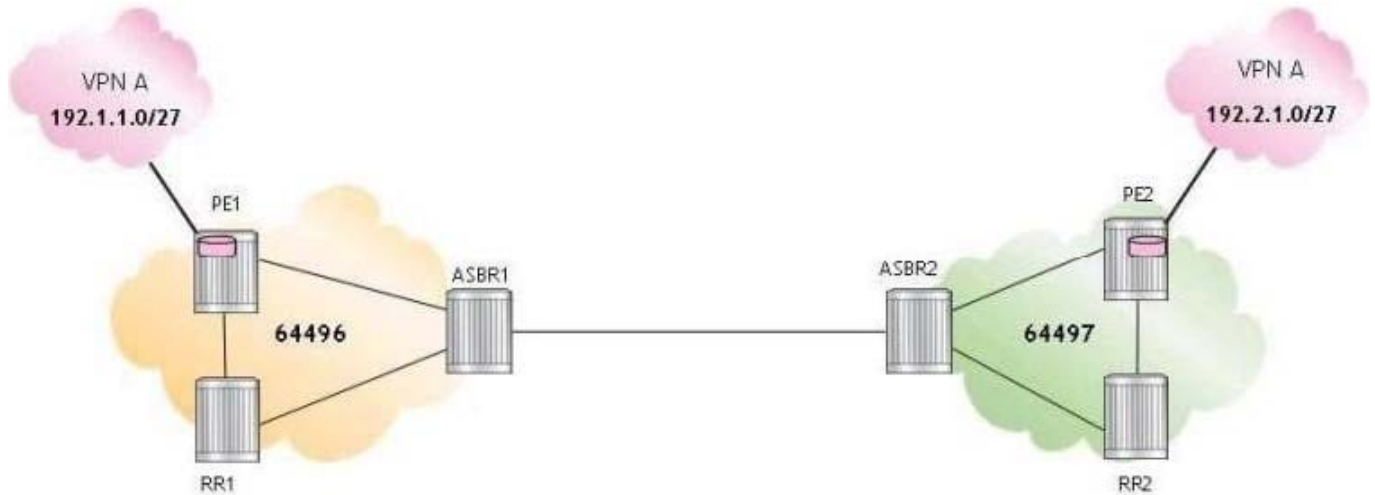
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### QUESTION 1

Click the exhibit.



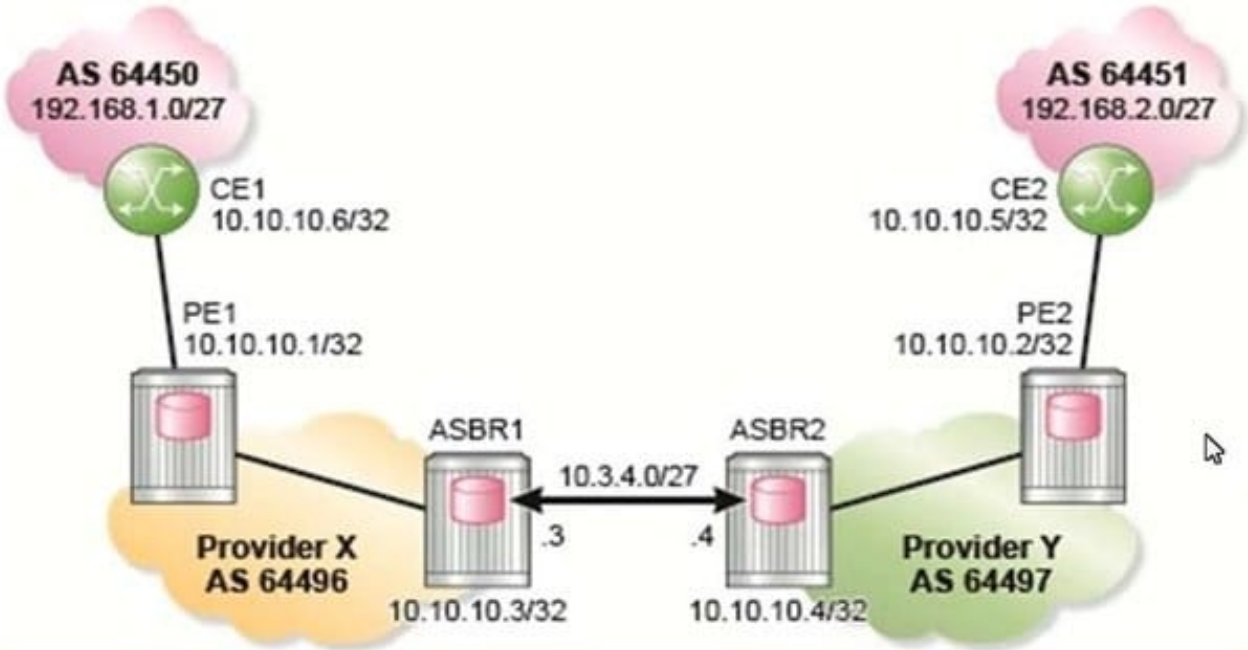
Routers RR1 and RR2 are configured as route reflectors. For the inter-AS model C VPRN, which of the following about the VPN-IPv4 route advertisement is FALSE?

- A. RR2 advertises the VPN-IPv4 route update of 192.2.1.0/27 to RR1
- B. RR1 advertises the VPN-IPv4 route update of 192.1.1.0/27 to RR2
- C. RR2 advertises the VPN-IPv4 route update of 192.1.1.0/27 to PE2
- D. PE1 advertises the VPN-IPv4 route update of 192.1.1.0/27 to RR1 and ASBR1

Correct Answer: D

### QUESTION 2

Which of the following commands produces the output for the inter-AS model B VPRN?



```

A:
=====
BGP Router ID:10.10.10.3      AS:64496      Local AS:64496
=====
BGP VPN-IPv4 Routes
=====
Flag  Network                               LocalPref  MED
      Nexthop (Router)                   Path-Id    Label
      As-Path
-----
*>i  64496:1:10.1.6.0/27                   100        None
      10.10.10.1                          None       131070
      No As-Path
*>i  64496:1:10.2.5.0/27                   None       None
      10.3.4.4                             None       131068
      64497
*>?  64496:1:10.10.10.5/32                None       None
      10.3.4.4                             None       131068
      64497 64451
*>?  64496:1:10.10.10.6/32                100        None
      10.10.10.1                          None       131070
      64450
*>?  64496:1:192.168.1.0/27               100        None
      10.10.10.1                          None       131070
      64450
*>?  64496:1:192.168.2.0/27               None       None
      10.3.4.4                             None       131068
      64497 64451
-----
Routes : 6

```

A. show router 10 bgp routes vpn-ipv4

B. show router bgp routes



C. show router bgp routes vpn-ipv4

D. show router route-table

Correct Answer: C

---

### QUESTION 3

How was standard BGP modified to allow it to carry routing information for VPRNs?

A. By using the MED attribute to carry the OSPF metric.

B. By defining Extended Communities for use as the Route Target

C. By using the Cluster List attribute to carry the network prefix

D. By defining support for the VPN-IPv4 address family

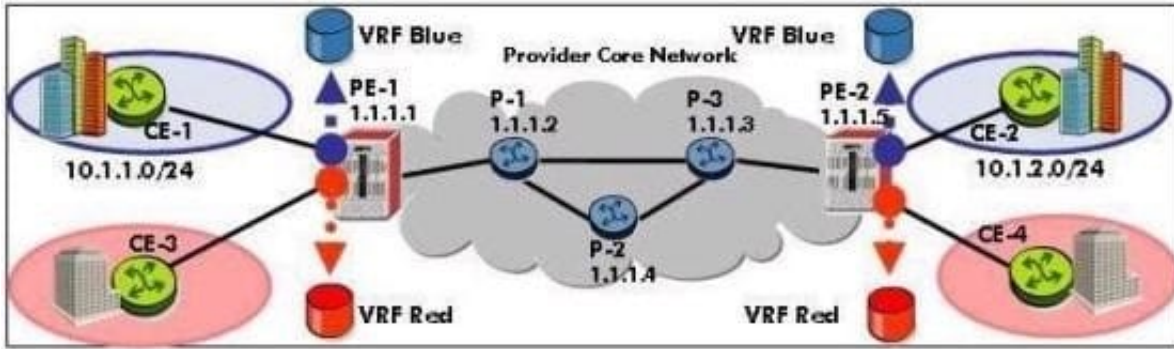
E. By adding an additional field to the BGP Update to carry the VPRN label

Correct Answer: D

---

### QUESTION 4

Click the exhibit.



```
PE-2# show router mpls label in-use 32 131071
```

```
=====
```

```
MPLS Labels from 32 to 131071 (In-use)
```

```
=====
```

| Label  | Label Type | Label Owner |
|--------|------------|-------------|
| 131070 | dynamic    | VPRN        |
| 131071 | dynamic    | RSVP        |

```
-----
```

```
In-use labels (Owner: All) in specified range : 2
```

```
In-use labels in entire range : 2
```

```
=====
```

```
PE-2#
```

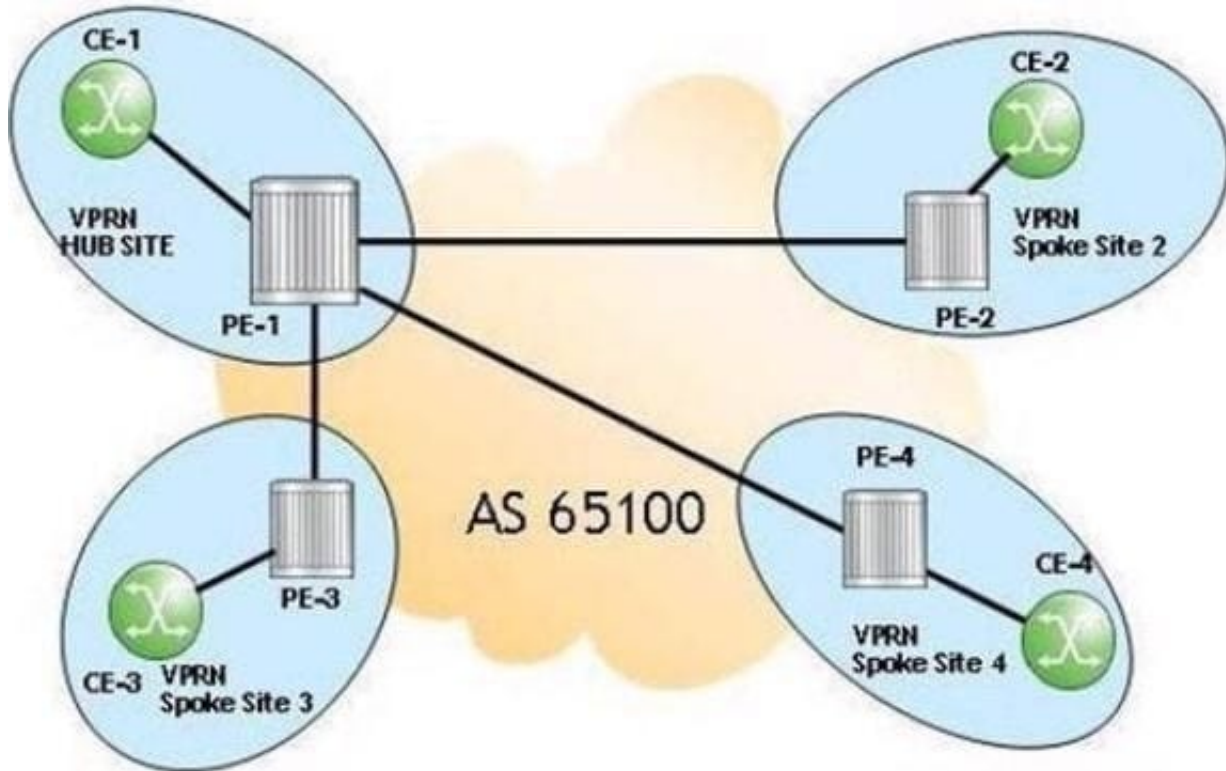
Which of the following best describes the output from the Alcatel-Lucent 7750 SR?

- A. RSVP-TE has signaled a VPRN label.
- B. RSVP-TE has signaled both VPRN and LSP labels.
- C. MP-BGP has signaled both VPRN and LSP labels.
- D. MP-BGP has signaled a VPRN label.

Correct Answer: D

## QUESTION 5

Click the exhibit.



```
community "Hub_Site" members "target:65100:1"  
community "Spoke_Sites" members "target:65100:2"
```

For the PE hub and spoke VPRN, which communities should be imported under the VPRN service on PE2?

- A. "Spoke.Sites" and "Hub\_Site"
- B. "Hub\_Site"
- C. "Spoke\_Sites"
- D. No communities should be imported

Correct Answer: B

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