

# DUMPS ARENA

## Nokia Virtual Private Routed Networks

Alcatel-Lucent 4A0-106

Version Demo

Total Demo Questions: 15

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## Topic Break Down

Topic	No. of Questions
Topic 1, Volume A	119
Topic 2, Volume B	94
<b>Total</b>	<b>213</b>

**QUESTION NO: 1**

When a Service Provider offers VPRN services to its customers, which of the following functions are expected to be the responsibility of the Service Provider? (Choose three)

- A. Distributing the customer generated labels between sites
- B. Distributing the customer routing information between
- C. Forwarding the customer originated data packets to the appropriate destination
- D. Forwarding the provider originated data packets to the appropriate customer site
- E. Providing secure layer 3 routing exchange between sites

**ANSWER: B C E****QUESTION NO: 2**

Which of the following commands may be used on a Nokia 7750 SR to display a network exported locally to BGP on the originating router? (Choose two)

```
community "Customer 1" members "target:65100:2"
community "Customer 1 and 2" members "target:65100:3"
policy-statement "Sample Policy"
  entry 10
    action accept
      community add "Customer 1 and 2"
    exit
  exit
exit
policy-statement "Sample Policy 3"
  entry 10
    from
      community "Customer 1 and 2"
    exit
  action accept
  exit
```

- A. Show router bgp routes
- B. Show router bgp routes prefix
- C. Show router bgp routes self-originated
- D. Show router bgp routes hunt

E. Show router bgp neighbor advertised-routes

**ANSWER: D E**

**QUESTION NO: 3**

What are the two main benefits of a hub and spoke VPRN design? (Choose two)

- A. Reduced number of VPN tunnels that need to be managed
- B. Centralized filtering policies with the introduction of a hub site
- C. Optimal routing between all sites
- D. Limited configuration required on the hub PE device

**ANSWER: A B**

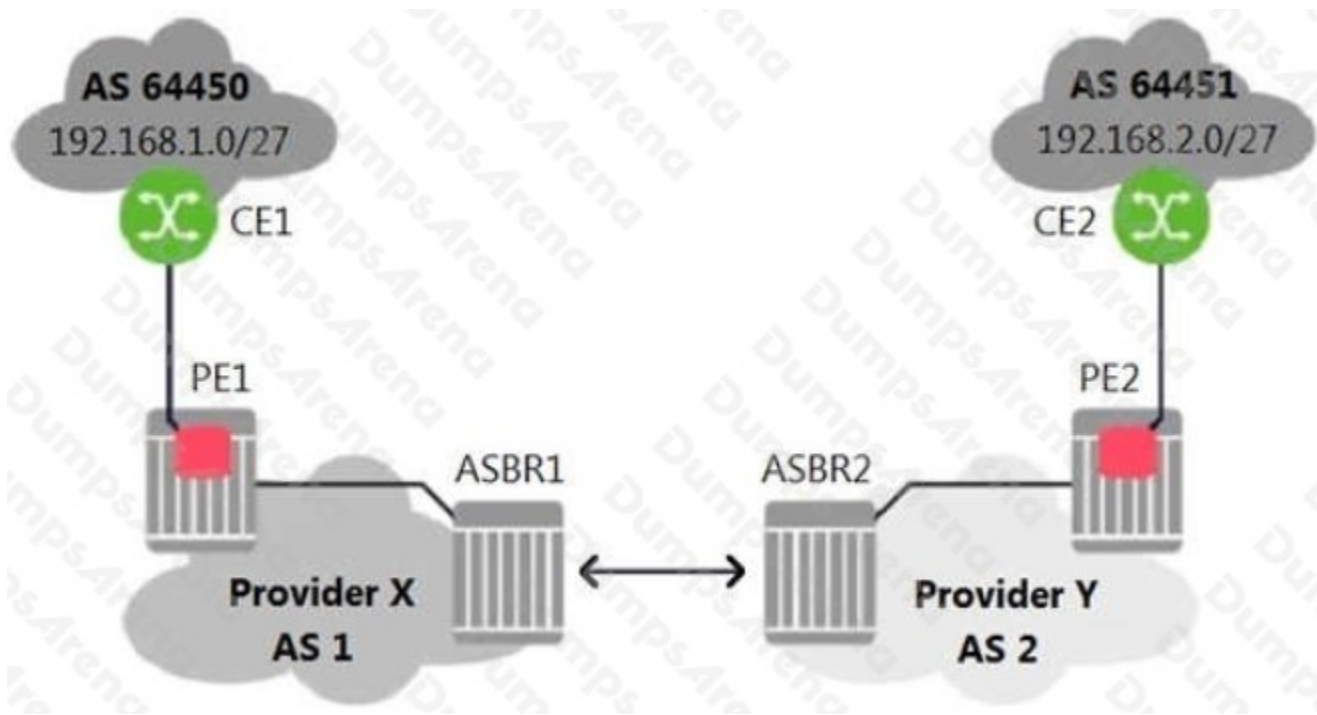
**QUESTION NO: 4**

In a VPRN, which of the following are supported as PE-CE routing methods on the Nokia 7750 SR? (Choose four).

- A. Static
- B. RIP
- C. OSPF
- D. IS-IS
- E. MP-BGP
- F. BGP

**ANSWER: A B C F**

**QUESTION NO: 5**



For the inter-AS model B VPRN, which of the following protocols is used to advertise routes between ASBR1 and ASBR2?

- A. iBGP
- B. eBGP
- C. MP-iBGP
- D. MP-eBGP

**ANSWER: D**

#### QUESTION NO: 6

What are the two primary problems the service provider must consider when providing traditional Layer 3 VPN services using only a single common routing table in the provider core? (Choose two)

- A. Memory exhaustion in the provider core
- B. Route leaking between the customer networks
- C. CPU utilization for route processing
- D. Unwanted packet forwarding between customer networks

**ANSWER: B D**

**QUESTION NO: 7**

Which of the following is NOT a viable option when implementing inter-AS VPRN?

- A. MP-eBGP exchange of VPN-IPv4 routes between ASBRs residing in different autonomous systems.
- B. MP-eBGP exchange of labeled IPv4 routes between route reflectors residing in different autonomous systems.
- C. A VRF-to-VRF connection at the autonomous system border routers.
- D. MP-eBGP exchange of VPN-IPv4 routes between PEs residing in different autonomous systems.

**ANSWER: B****QUESTION NO: 8**

Which of the following is NOT a requirement for eBGP load balancing to be effective?

- A. The route distinguisher of the VPRN on the local PE must be different from the route distinguisher of the remote PEs.
- B. ecmp must be configured within the VPRN instance.
- C. eibgp-loadbalance must be configured within the VPRN instance.
- D. ibgp-multipath must be configured within the VPRN instance.

**ANSWER: A****QUESTION NO: 9**

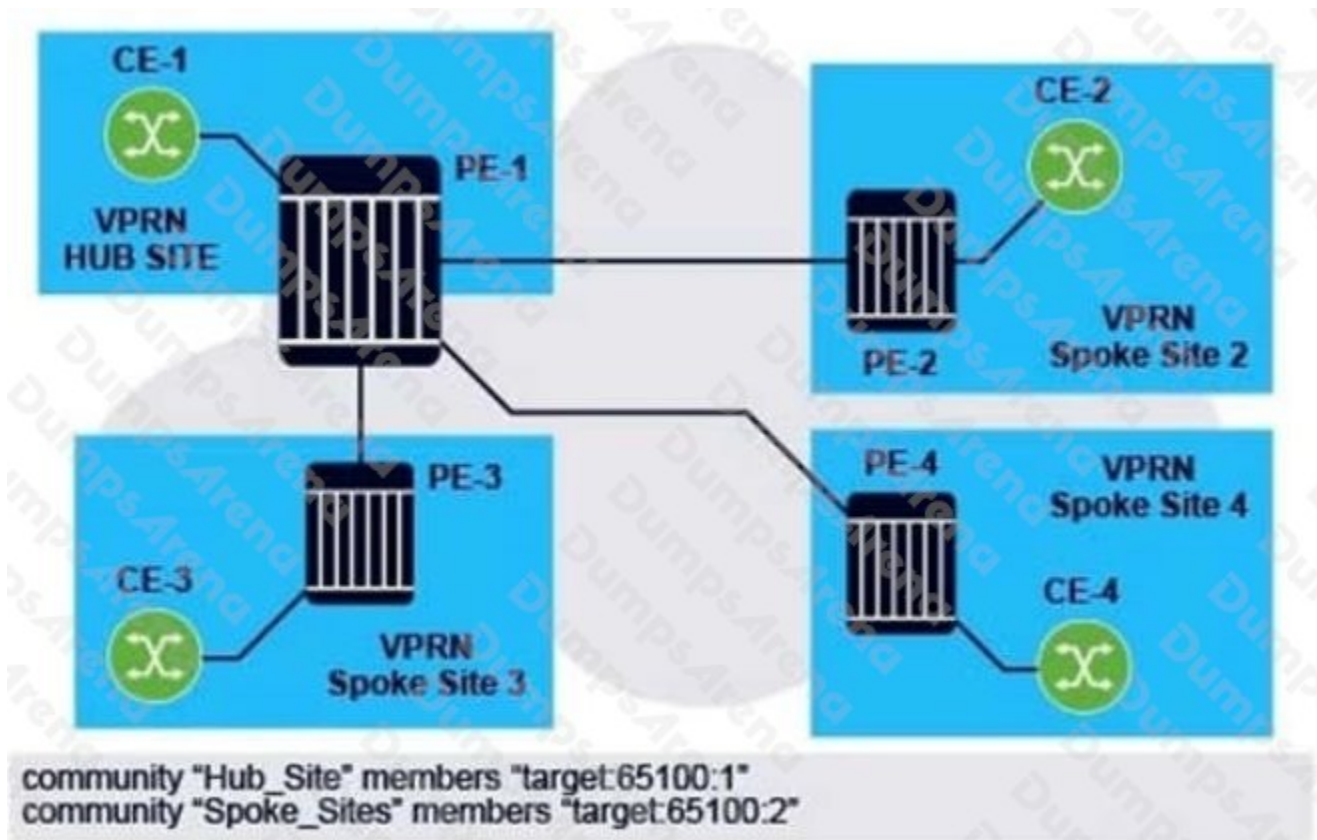
Which of the following statements are true regarding P devices in an MPLS VPRN? (Choose two.)

- A. Participate in service provider core routing
- B. P devices are not required to be MPLS enabled. MPLS is only required on the PE devices
- C. Run a common routing protocol with the CE router
- D. Must support MP-BGP
- E. Do not have any connections to the CE
- F. Must be aware of the VPRNs

**ANSWER: A E**

## QUESTION NO: 10

Community lists are configured for the PE hub and spoke VPRN.



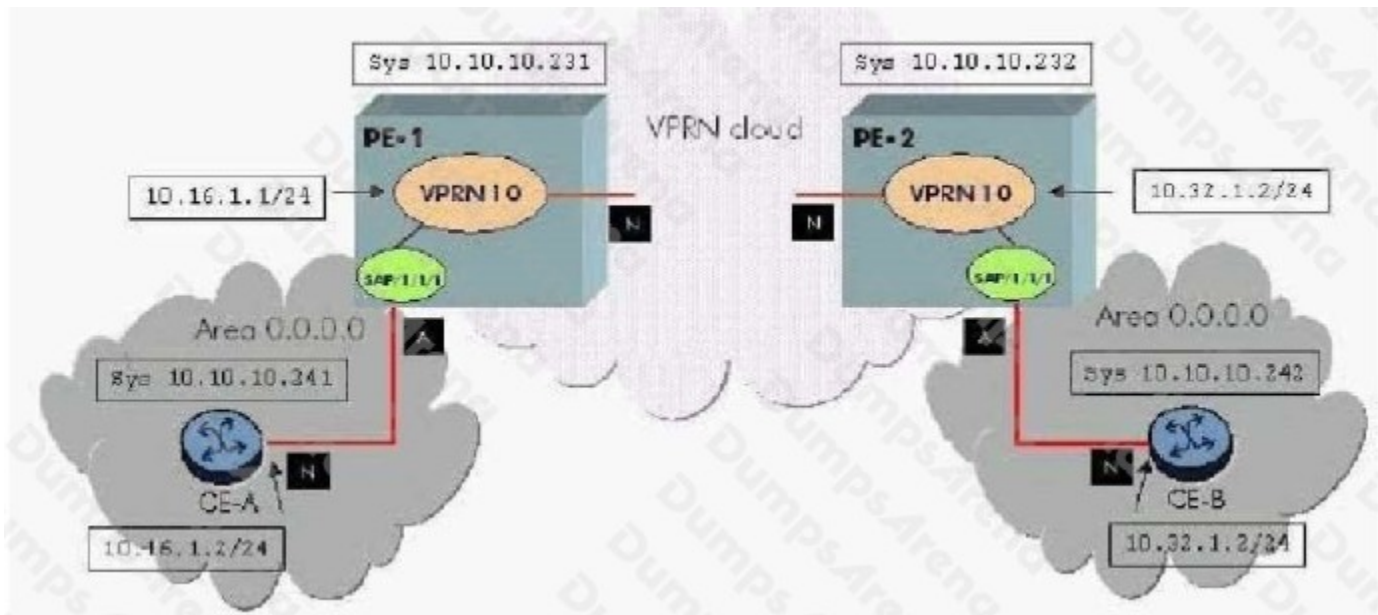
Which communities should be imported by the VPRN service on PE1?

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

ANSWER: A

## QUESTION NO: 11

It is required to prepare the provider core for LDP on a Nokia 7750 SR. Based on the configuration shown below, choose the answer that best describes the given configuration.



- A. This configuration is correct and complete
- B. This configuration is correct except that the system interface must be added
- C. This configuration is correct except that the interfaces facing the CE routers must be added.
- D. MPLS configuration is not required

**ANSWER: D**

### QUESTION NO: 12

Which of the following statements is true regarding the Route Distinguisher? (Choose three)

- A. It is an 8 byte value containing 3 fields
- B. The Route Distinguisher must have the same value as the Route Target.
- C. The Administrator field contains either an AS number or an IP number
- D. To ensure uniqueness, Route Distinguishers are assigned by the IANA.
- E. The Route Distinguisher is not used if the customer addresses do not overlap
- F. The Assigned Number field must contain a public IP address

**ANSWER: A B C**

**QUESTION NO: 13**

Which of the following is not a valid BGP design for a network provider supporting VPRNs?

- A. Full mesh of MP-BGP between all P devices
- B. Full mesh of MP-BGP between PE devices
- C. Route reflector configuration between PE devices
- D. Confederation configuration between PE devices

**ANSWER: A****QUESTION NO: 14**

For the data packets in a VPRN, how is the inner label in an MPLS packet signaled?

- A. Signaled via MP-BGP and used to identify the egress PE.
- B. Signaled via T-LDP and used to identify the customer VPRN.
- C. Signaled via MP-BGP and used to identify the customer VPRN.
- D. Signaled via RSVP and LDP and used to identify the egress PE.
- E. Signaled via RSVP and LDP and used to identify the customer VPRN.

**ANSWER: C****QUESTION NO: 15**

Which protocol is used to exchange customer VPRN routes between PE devices?

- A. OSPF
- B. ISIS
- C. MP-BGP
- D. BGP
- E. Targeted LDP

**ANSWER: C**