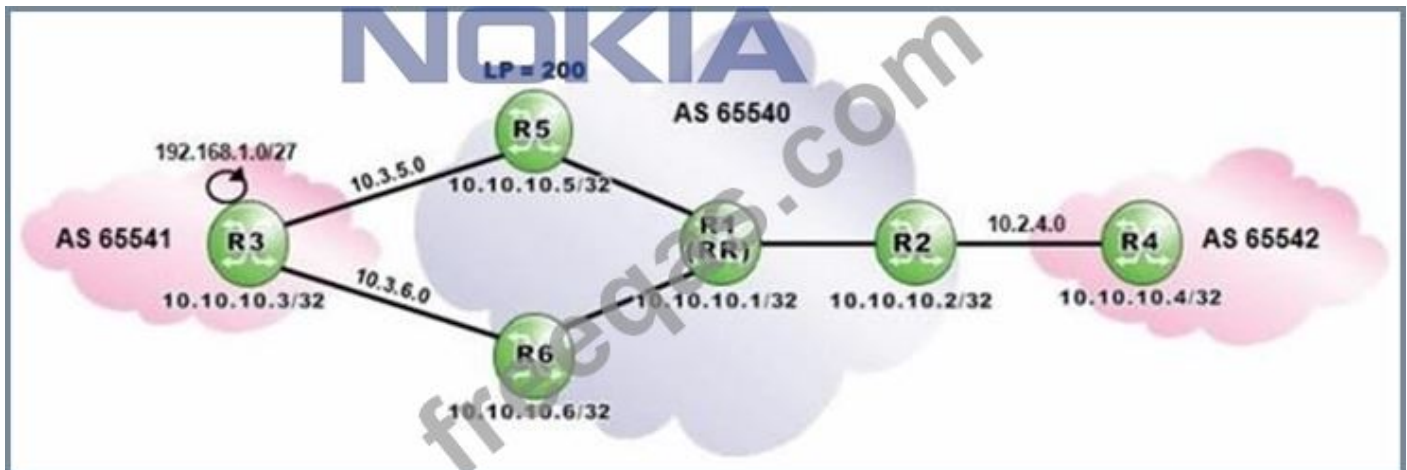


Nokia.4A0-114.v2023-09-25.q14

Exam Code:	4A0-114
Exam Name:	Nokia Border Gateway Protocol Fundamentals for Services
Certification Provider:	Nokia
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NEW QUESTION: 1

Click the exhibit.



Router R1 is a route reflector with clients R2, R5 and R6. Prefixes advertised by router R5 have a local preference of 200. Router R3 advertises the prefix 192.168.1.0/27 to routers R5 and R6. Assuming that none of the routers in AS 65540 is configured with "advertise-external", what is the expected output of "show router bgp routes" on router R5?

A. Flag Network		LocalPref	MED
Nexthop	As-Path	Path-Id	VPNLabel

u*>i	192.168.1.0/27	200	None
	10.3.5.3	None	-
	65541		
B. Flag Network		LocalPref	MED
Nexthop	As-Path	Path-Id	VPNLabel

u*>i	192.168.1.0/27	None	None
	10.3.5.3	None	-
	65541		
i	192.168.1.0/27	200	None
	10.10.10.5	None	-
	65541		
i	192.168.1.0/27	100	None
	10.10.10.6	None	-
	65541		
C. Flag Network		LocalPref	MED
Nexthop	As-Path	Path-Id	VPNLabel

u*>i	192.168.1.0/27	None	None
	10.3.5.3	None	-
	65541		
i	192.168.1.0/27	200	None
	10.10.10.5	None	-
	65541		
D. Flag Network		LocalPref	MED
Nexthop	As-Path	Path-Id	VPNLabel

u*>i	192.168.1.0/27	200	None
	10.10.10.5	None	-
	65541		
i	192.168.1.0/27	100	None
	10.10.0.6	None	-
	65541		

A. Option D

B. Option A

C. Option C

D. Option B

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 2

What type of information does a type-2 EVPN route update carry?

- A. It carries an IP address and requests the MAC address of the corresponding host.
- B. It carries a host MAC address and optionally the associated IP address that belongs to the same host.
- C. It carries an IP prefix and its associated mask.
- D. It carries a host MAC address and optionally the IP prefix of the subnet where the host is located.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 3

Which of the following statements about route reflector clusters is FALSE?

- A. A router can be the client of multiple route reflectors within its AS.
- B. When a route reflector reflects a route, it adds its cluster ID to the Cluster_list attribute.
- C. Within an AS, route reflectors belonging to different clusters do not need to be fully-meshed among themselves.
- D. Multiple clusters may be configured within an AS.

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 4

The configuration of an Nokia 7750 SR is given below. Router R1 has established BGP sessions with routers R2 and R3. Which of the following is TRUE?

```
R1>config>router>bgp# info
```

```
-----  
group "BGP-Peers"  
  peer-as 65540  
  neighbor 10.10.10.2  
    description "R2"  
  exit  
  neighbor 10.10.10.3  
    description "R3"  
  peer-as 65550  
  exit  
exit
```

- A. The types of BGP sessions with routers R2 and R3 cannot be determined.
- B. Router R1 forms iBGP sessions with routers R2 and R3.
- C. Router R1 forms eBGP sessions with routers R2 and R3.
- D. Router R1 forms an iBGP session with router R2, and an eBGP session with router R3.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 5

Which of the following statements about BGP is FALSE?

C. It uses a VXLAN Network ID (VNI) to identify the transport tunnel and an MPLS label to identify the service tunnel.

D. It uses an additional IP header to identify the transport tunnel and a VXLAN Network ID (VNI) to identify the service tunnel.

Answer: A (LEAVE A REPLY)

NEW QUESTION: 8

Which of the following statements about IPv6 Link-Local addresses is FALSE?

A. They have an interface ID derived by default from the interface's IPv4 address.

B. They are only valid for communication within the same broadcast domain.

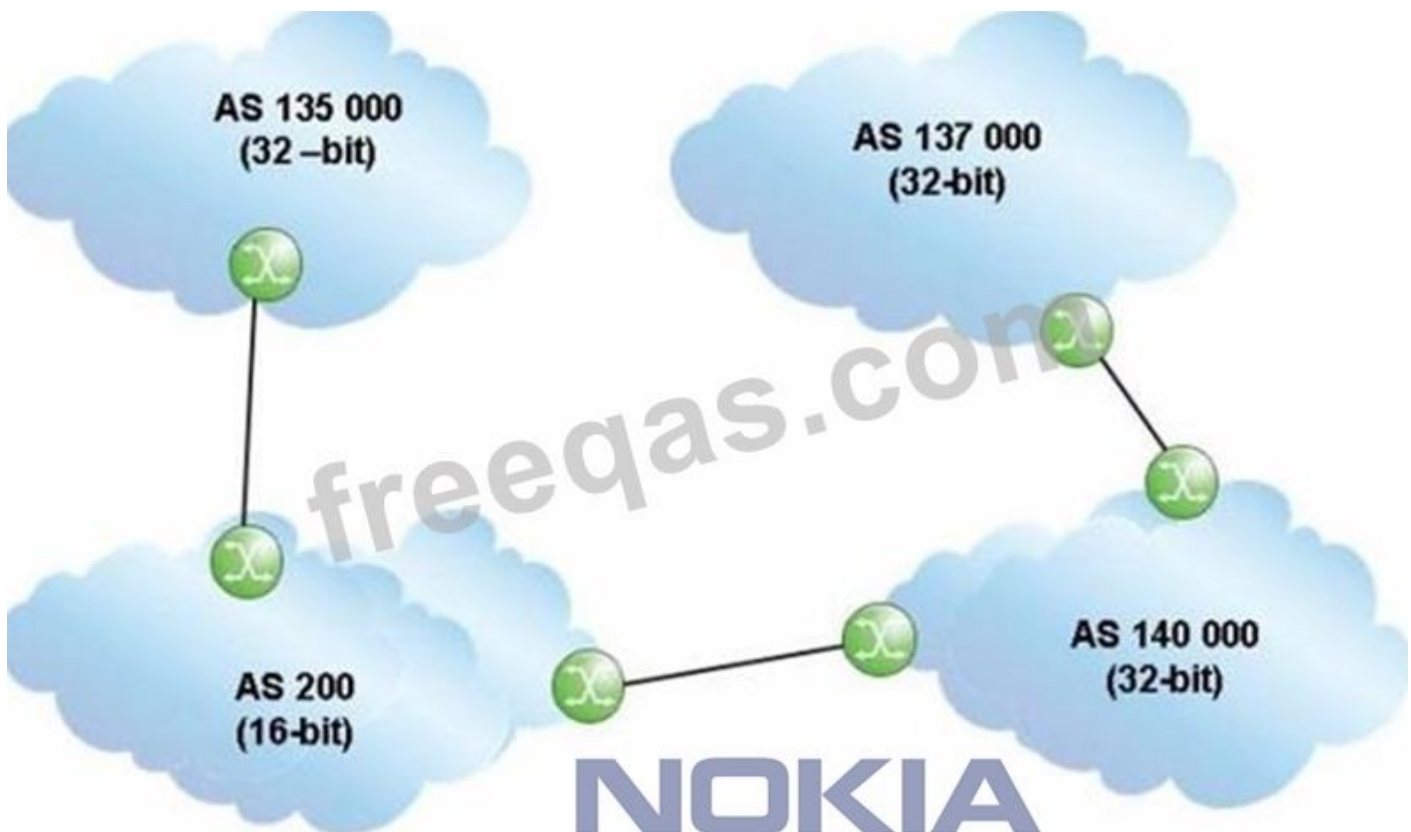
C. They all have the same 64-bit subnet prefix.

D. They are assigned to every physical interface running IPv6.

Answer: A (LEAVE A REPLY)

NEW QUESTION: 9

Click the exhibit.



An update travels from AS 137000 to AS 135000, traversing both 32-bit and 16-bit AS Paths. What AS Path is seen by AS 200?

A. 200 140000 137000

B. 140000 137000

C. 137000 140000

D. 23456 23456

Answer: D (LEAVE A REPLY)

NEW QUESTION: 10

Which of the following statements about the MED BGP path attribute is FALSE?

- A. Routes having lower values in their MED BGP path attribute are preferred.
- B. The MED BGP path attribute is transitive.
- C. The MED BGP path attribute's value is set by a router at the edge of an AS.
- D. The MED BGP path attribute is optional.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 11

On the Nokia 7750 SR, which of the following is NOT an address family that BGP supports?

- A. VPN-IPv4
- B. Label-IPv4
- C. MP-EVPN
- D. IPv4

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 12

What is the result of configuring the following policy statement as a BGP import policy on the Nokia 7750 SR?

```
policy-statement "Policy-1"  
  entry 10  
    from  
      protocol bgp  
      prefix-list "List-1" "List-2"  
    exit  
    action reject  
    exit  
  exit  
  default-action accept
```

- A. BGP routes matching prefix lists "List-1" or "List-2" are rejected.
- B. All BGP routes are accepted.
- C. All routes matching prefix lists "List-1" and "List-2" are rejected.
- D. BGP routes matching prefix lists "List-1" and "List-2" are rejected.

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 13

Which of the following statements about BGP is FALSE?

- A. To establish a BGP session, a TCP session must first be established between the two routers.
- B. BGP uses the OPEN message to exchange capability parameters between routers.
- C. BGP was originally designed as an exterior routing protocol.
- D. BGP uses Hello messages to dynamically discover BGP peers.

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 14

A TCP connection fails to be established with a BGP peer. Which of the following are valid options for the BGP connection state?

- A. Idle or Active
- B. Connect or Active
- C. Connect or Open Sent
- D. Idle or Connect

Answer: B ([LEAVE A REPLY](#))

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