

Nokia 4A0-102 Exam

Volume: 152 Questions

Question No : 1

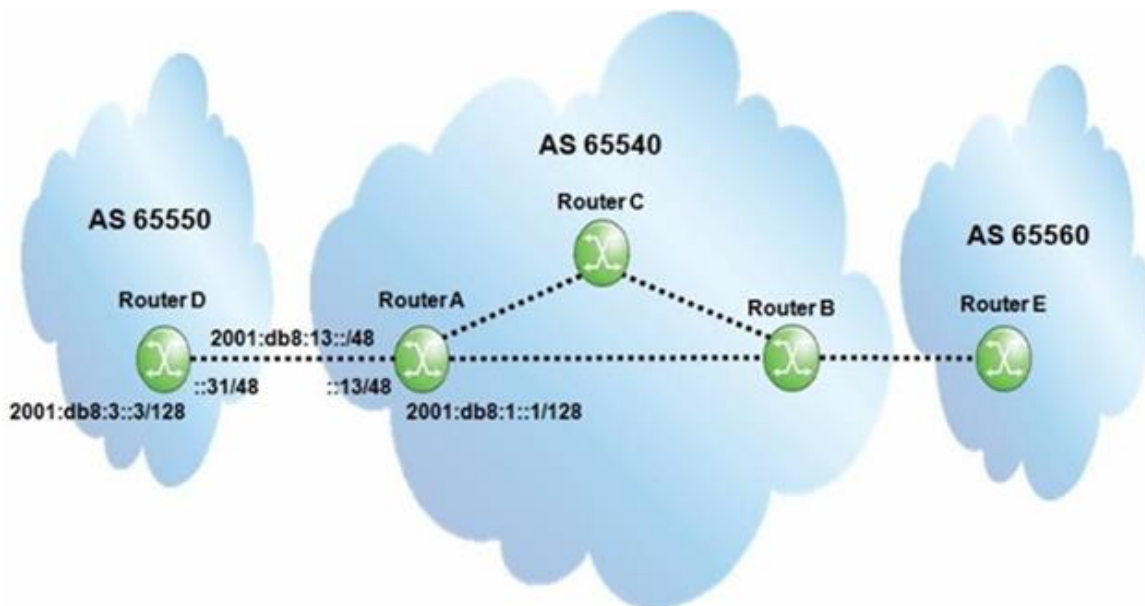
What is the function of the Cluster_List attribute?

- A. It is used for loop detection within the same cluster.
- B. It is used for loop detection between clusters.
- C. It is used for loop detection in a confederation.
- D. It is used to identify the route reflectors within an AS.

Answer: B

Question No : 2

Click the exhibit.



Assume all router-IDs are properly configured. Which of the following configurations is required on the Alcatel-Lucent 7750 SR router A to establish an IPv6 BGP session to router D?

Nokia 4A0-102 Exam

- A.

```
group "IPv6_eBGP"  
family ipv6  
type external  
peer-as 65550  
neighbor 2001:DB8:3::3  
exit  
exit
```
- B.

```
group "IPv6_eBGP"  
type external  
peer-as 65550  
neighbor 2001:DB8:3::3  
exit  
exit
```
- C.

```
group "IPv6_eBGP"  
family ipv6  
peer-as 65550  
neighbor 2001:DB8:13::31  
exit  
exit
```
- D.

```
group "IPv6_eBGP"  
type external  
peer-as 65550  
neighbor 2001:DB8:13::31  
exit  
exit
```

A. Option A

B. Option B

C. Option C

D. Option D

Answer: C

Question No : 3

Consider two Alcatel-Lucent 7750 SRs in AS 65540. Router R1 has system address 10.10.10.1, and router R2 has system address 10.10.10.2. Which of the following configurations on router R2 can establish a BGP session with router R1?

Nokia 4A0-102 Exam

- A. R2>config>router>bgp# info
- ```

group "iBGP"
family ipv4
peer-as 65540
neighbor 10.10.10.1
peer-as 65550
exit
exit
```
- B. R2>config>router>bgp# info
- ```
-----  
group "iBGP"  
family ipv6  
peer-as 65540  
neighbor 10.10.10.1  
family ipv4  
exit  
exit
```
- C. R2>config>router>bgp# info
- ```

group "iBGP"
family ipv4
peer-as 65540
neighbor 10.10.10.1
family ipv4
local-address 10.10.10.1
exit
exit
```
- D. R2>config>router>bgp# info
- ```
-----  
group "iBGP"  
family ipv4  
local-as 65540  
local-address 10.10.10.2  
neighbor 10.10.10.1  
exit  
exit
```

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: B

Question No : 4

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

Nokia 4AO-102 Exam

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

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

Answer: C

Question No : 5

When implementing a BGP policy on an Alcatel-Lucent 7750 SR, which of the following types of address space would a typical address plan need to cover?

- A. RIR assigned CIDR space.
- B. External client address space.
- C. Loopback or link addresses.
- D. External link addresses.
- E. All of the above.

Answer: E

Question No : 6

What is the default Alcatel-Lucent 7750 SR TTL of a BGP advertisement between confederation members?

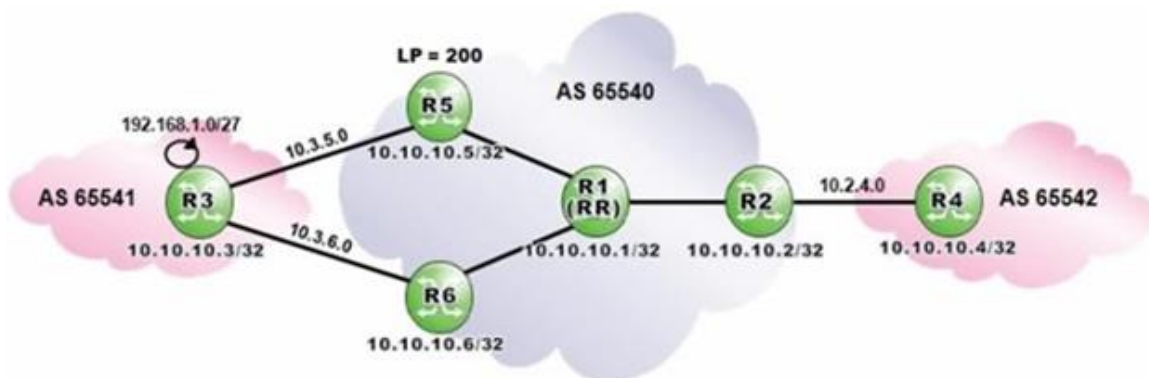
- A. 1

Nokia 4A0-102 Exam

- B. 32
- C. 64
- D. 255

Answer: A

Question No : 7
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?

Nokia 4A0-102 Exam

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

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

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

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

A. Option A

B. Option B

C. Option C

D. Option D

Answer: C

Question No : 8

An Alcatel-Lucent 7750 SR receives a route from an iBGP peer with a MED value of 500. What MED value is sent to eBGP peers?

A. 100

B. The IGP cost

Nokia 4A0-102 Exam

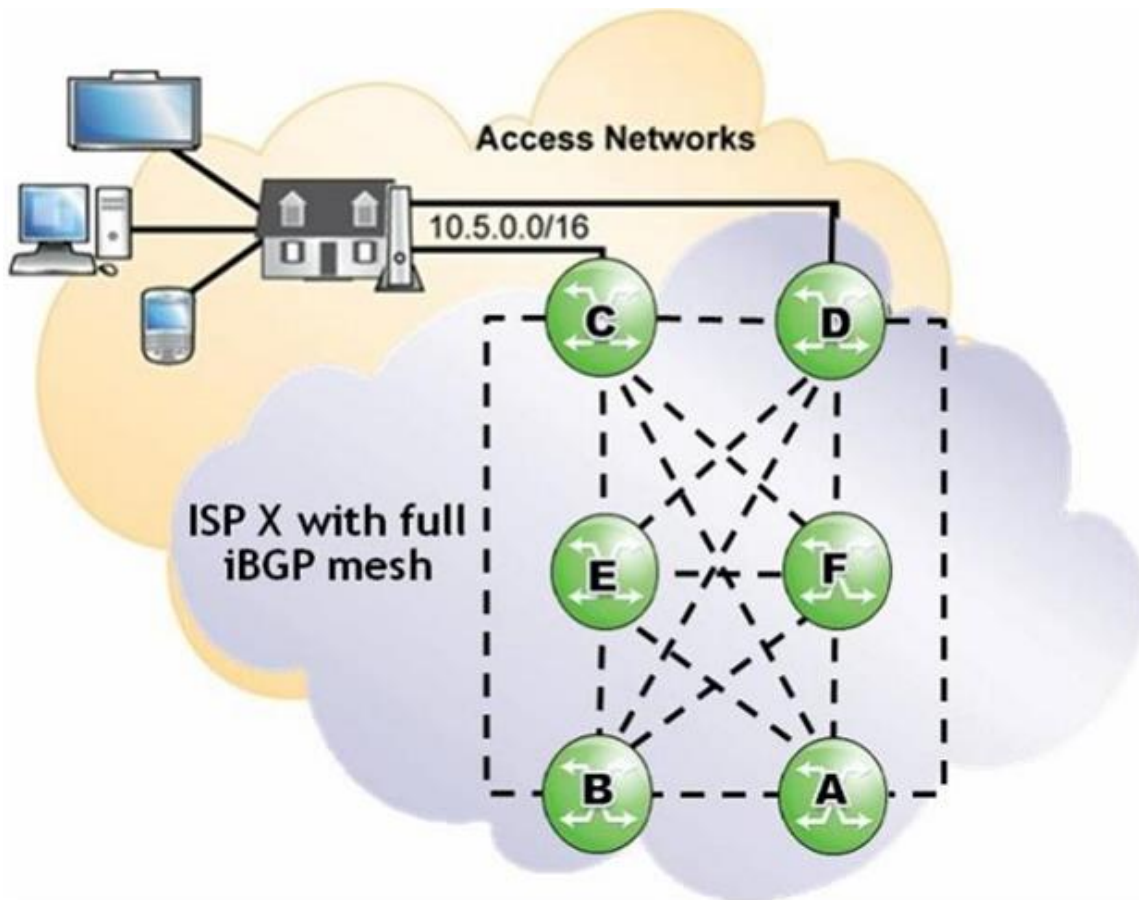
C. 500

D. None

Answer: D

Question No : 9

Click the exhibit.



Considering that both routers C and D are advertising the eBGP learned prefix 10.5.0.0/16 into ISP X, which of the following best describes the route advertisement within ISP X?

A. Router C sends the update to routers E and F only.

B. Router C sends the update to routers D, E and F.

C. Router C sends the update to routers A, B, E and F.

D. Router C sends the update to routers A, B, D, E and F.

Answer: D

Nokia 4A0-102 Exam

Question No : 10

Router R1, in AS 65540, has the export policy shown below. It advertises an aggregate route to BGP peer router R2 in 65550. What is the AS Path of the aggregate route received by router R2?

```
*A:R1>config>router>policy-options# info
```

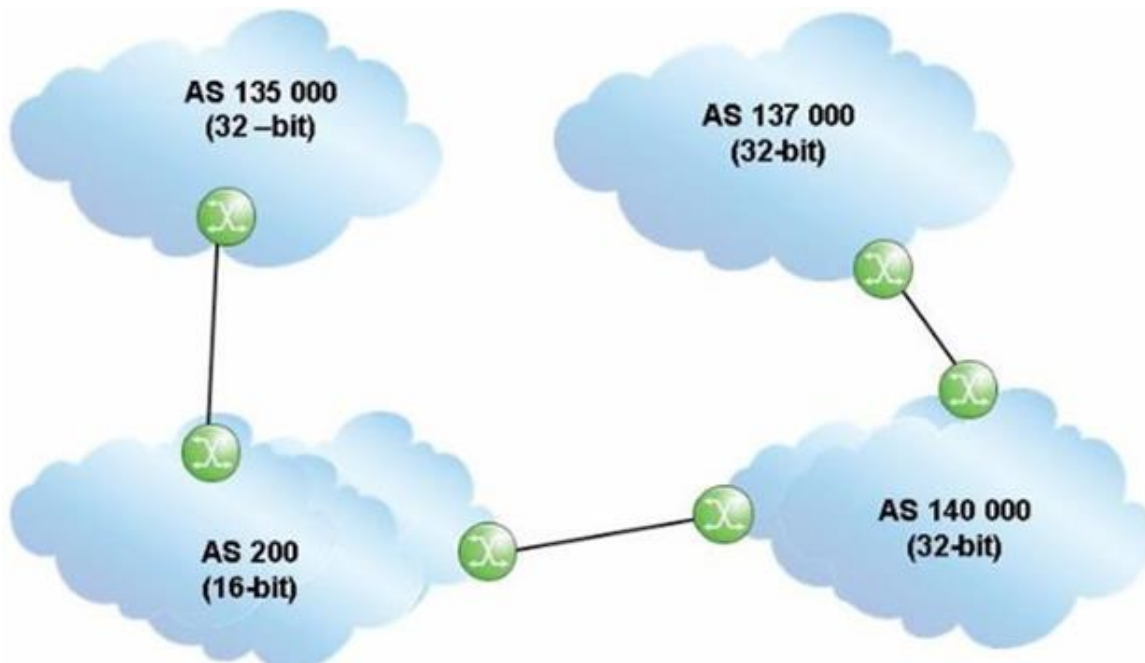
```
-----  
policy-statement "advertise aggregate"  
  entry 10  
    from  
      protocol aggregate  
    exit  
    action accept  
      as-path-prepend 65540 1  
    exit  
  exit  
exit
```

- A. 65540
- B. 65540 1
- C. 65540 65540
- D. 65550 65540

Answer: C

Question No : 11

Click the exhibit.



Nokia 4A0-102 Exam

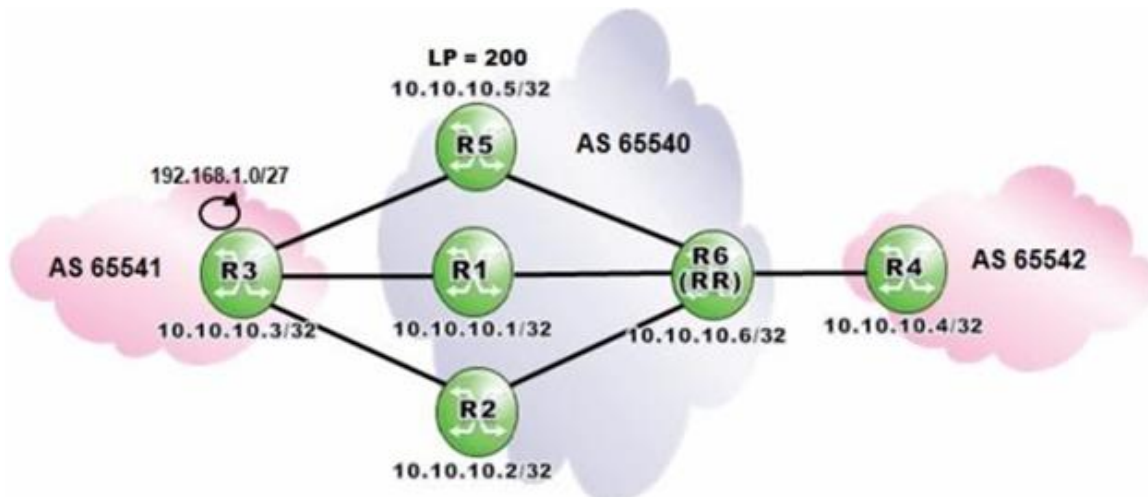
An update travels from AS 135000 to AS 137000, traversing both 32-bit and 16-bit AS paths. What will the AS Path be when the update reaches AS 137000?

- A. 140000 200 135000
- B. 137000 140000 200 135000
- C. 140000 23456 135000
- D. 135000 200 140000

Answer: A

Question No : 12

Click the exhibit.



Router R6 is a route reflector for clients R1, R2 and R5. Router R5 is configured with a local preference of 200. On which routers is "advertise-external*" needed for router R6 to receive exactly two distinct routes for prefix 192.168.1.0/27?

- A. On router R5 only.
- B. On either router R1 or R2.
- C. On both routers R1 and R2.
- D. On all routers R1, R2 and R5.

Answer: B

Nokia 4A0-102 Exam

Question No : 13

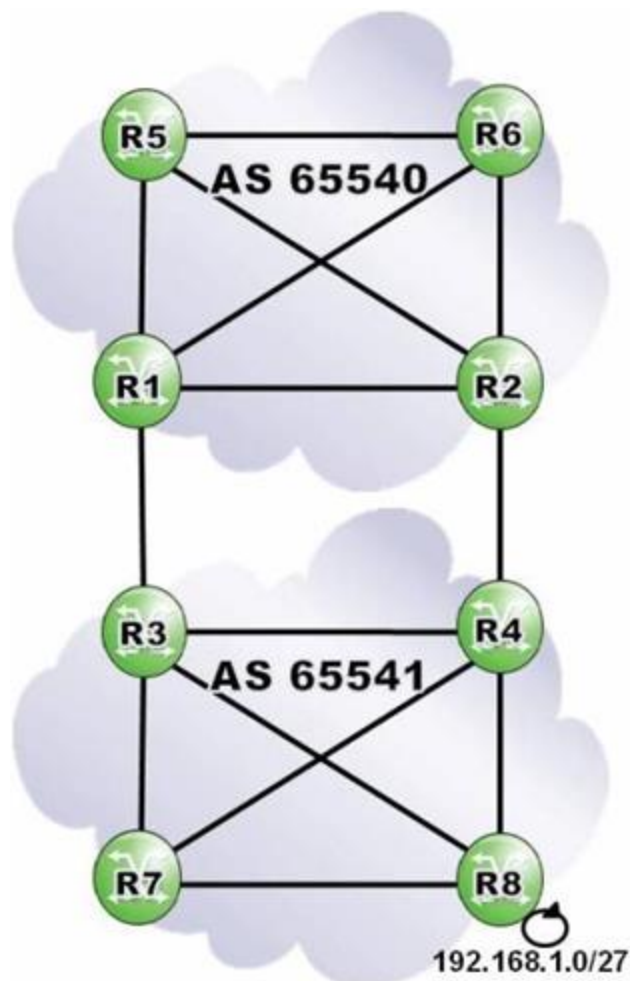
Which of the following prefix-lists is the most specific match for prefixes 192.168.64.1/20 and 192.168.32.5/19?

- A. Prefix 192.168.0.0/17 longer.
- B. Prefix 192.168.0.0/19 longer.
- C. Prefix 192.168.96.0/19 longer.
- D. Prefix 192.168.0.0/18 longer.

Answer: A

Question No : 14

Click the exhibit.



Router R2 receives a route to 192.168.1.0/27 from router R4, and sets the local preference to 110. Router R1 receives a route to 192.168.1.0/27 from router R3, and sets the local preference to 80. Both ASs have