



# 4A0-102<sup>Q&As</sup>

Alcatel-Lucent Border Gateway Protocol

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### QUESTION 1

A BGP router has loopback interfaces 192.168.1.1/27 and 192.168.2.1/27 advertised into BGP using the following export policy. The "aggregate 192.168.0.0/16" command is executed.

What is the effect of this configuration?

```
policy-statement "Export Loopbacks"  
  entry 10  
    from  
      protocol direct  
    exit  
    action accept  
  exit  
exit
```

- A. A single route for 192.168.0.0/16 is advertised.
- B. BGP routes 192.168.1.0/27, 192.168.2.0/27, and 192.168.0.0/16 are advertised.
- C. BGP routes 192.168.1.0/27 and 192.168.2.0/27 are advertised, and 192.168.0.0/16 appears as a "Blackhole" route in the route table only.
- D. The given export policy is invalid.

Correct Answer: C

### QUESTION 2

Click the exhibit.



Which of the following is a valid BGP configuration for router R2? A. Option A



A. R2>config>router>bgp# info

```
-----  
group "Conf-eBGP"  
  peer-as 65541  
  neighbor 10.16.10.1  
  exit  
exit  
group "Member-AS"  
  neighbor 10.16.10.6  
  peer-as 65542  
  exit  
exit  
no shutdown
```

B. R2>config>router>bgp# info

```
-----  
group "Conf-eBGP"  
  peer-as 65541  
  neighbor 10.16.10.1  
  exit  
exit  
group "Member-AS"  
  neighbor 10.16.10.6  
  peer-as 65540  
  exit  
exit  
no shutdown
```

C. R2>config>router>bgp# info

```
-----  
group "Conf-eBGP"  
  peer-as 65540  
  neighbor 10.16.10.1  
  exit  
exit  
group "Member-AS"  
  neighbor 10.16.10.6  
  peer-as 65542  
  exit  
exit  
no shutdown
```

D. R2>config>router>bgp# info

```
-----  
group "Conf-BGP"  
  peer-as 65540  
  neighbor 10.16.10.1  
  exit  
  neighbor 10.16.10.6  
  exit  
exit  
no shutdown
```



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

Correct Answer: A

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### QUESTION 3

Which of the following organizations would an ISP based in Europe approach for an IP prefix assignment?

- A. ARIN
- B. ICANN
- C. RIPE NCC
- D. LACNIC
- E. APNIC

Correct Answer: C

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### QUESTION 4

The configuration of an Alcatel-Lucent 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. Router R1 forms an iBGP session with router R2, and an eBGP session with router R3.
- B. Router R1 forms iBGP sessions with routers R2 and R3.

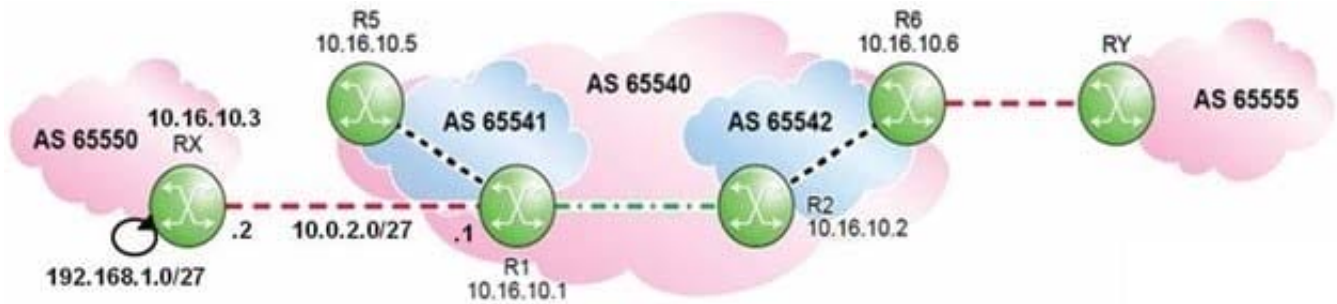


- C. Router R1 forms eBGP sessions with routers R2 and R3.
- D. The types of BGP sessions with routers R2 and R3 cannot be determined.

Correct Answer: D

### QUESTION 5

Click the exhibit.



Given the following configuration for router R1, what is the expected Next Hop for prefix 192.168.1.0/27 as seen on router R2?

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

```
-----  
group "eBGP"  
  peer-as 65550  
  neighbor 10.0.2.2  
  exit  
exit  
group "Conf_eBGP"  
  peer-as 65542  
  neighbor 10.16.10.2  
  exit  
exit  
group "Member-AS"  
  next-hop-self  
  neighbor 10.16.10.5  
  peer-as 65541  
  exit  
exit  
no shutdown
```



- A. 10.0.2.1
- B. 10.0.2.2
- C. 10.16.10.1
- D. 10.16.10.3

Correct Answer: B

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