



4A0-102^{Q&As}

Alcatel-Lucent Border Gateway Protocol

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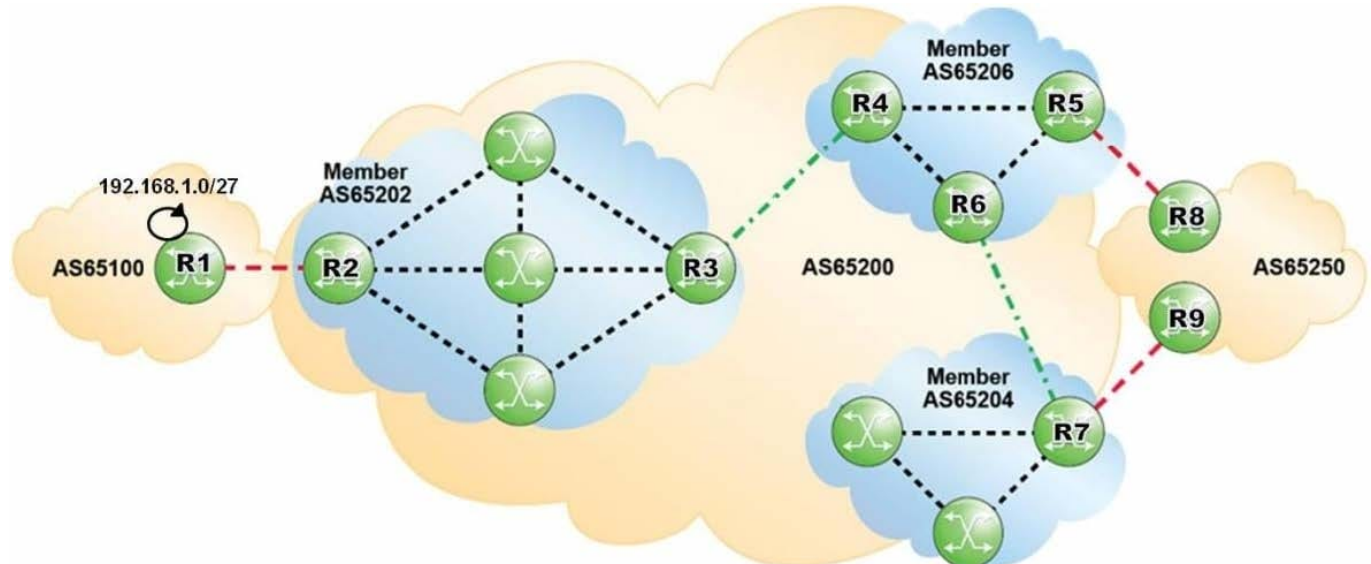
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QUESTION 1

Click the exhibit.



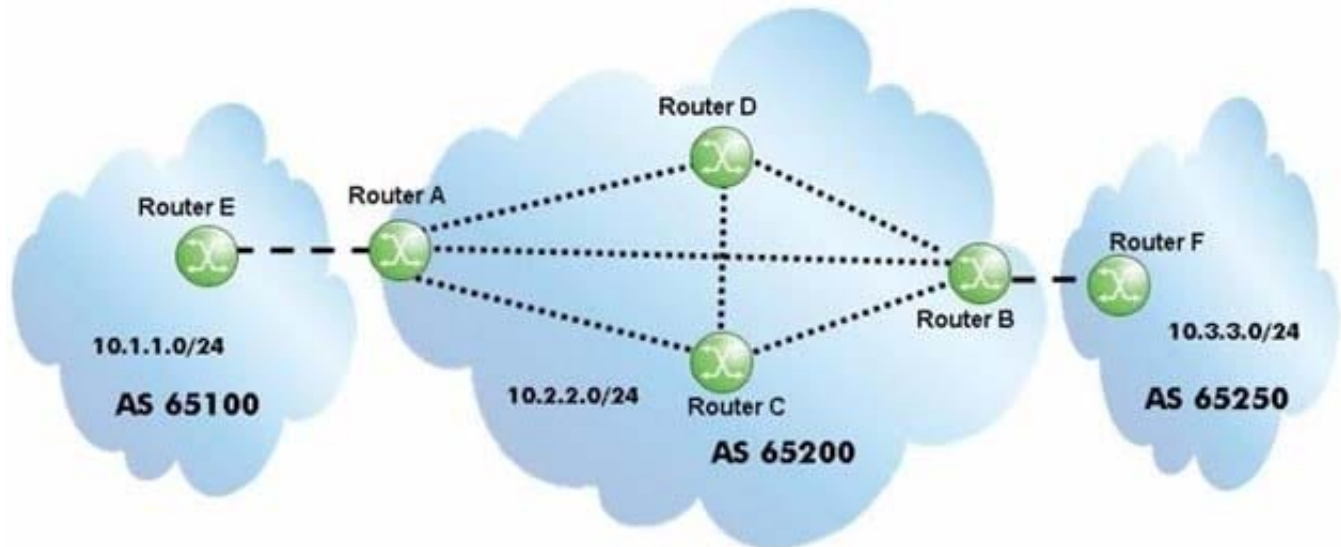
Which of the following statements best describes the BGP sessions within the given network?

- A. The session between AS 65202 and AS 65206 is an iBGP session.
- B. The session between AS 65204 and AS 65206 is an intra-confederation eBGP session.
- C. A BGP session is required between AS 65202 and AS 65204.
- D. The BGP sessions within the member ASes are known as inter-confederation BGP sessions.

Correct Answer: B

QUESTION 2

Click the exhibit.



Over which BGP session will router B learn the 10.1.1.0/24 prefix?

- A. The session between router A and router B.
- B. The session between router C and router B.
- C. The session between router D and router B.
- D. Router B will learn the prefix over all of the sessions, then it will choose the best route.

Correct Answer: A

QUESTION 3

Assuming that "client1" and "client2" are directly-connected networks, what is the result of executing the following BGP export policy?



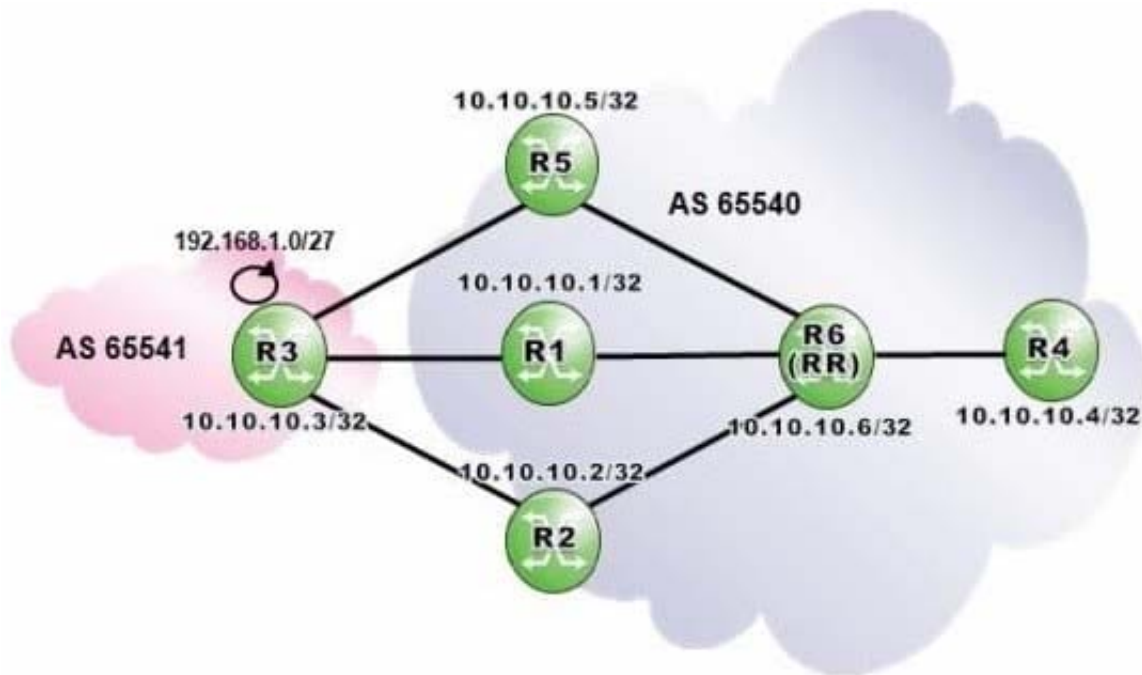
```
entry 10
  from
    protocol direct
  exit
  action accept
    community add "North"
  exit
exit
entry 20
  from
    prefix-list "client1"
  exit
  action accept
    community add "West"
  exit
exit
entry 30
  from
    prefix-list "client2"
  exit
  action accept
    community add "East"
  exit
exit
default-action reject
```

- A. Only entry 10 is executed for "client1" and "client2".
- B. Entries 10 and 20 are executed for "client1", and entries 10 and 30 are executed for "client2".
- C. Entries 10 and 20 are executed for "client1", and entries 10, 20 and 30 are executed for "client2".
- D. Entry 10 is executed for directly-connected routes, entry 20 for "client1" and entry 30 for "client2".

Correct Answer: A

QUESTION 4

Click the exhibit.



Router R6 is a route reflector with clients R1, R2, R4 and R5. R4 receives three routes from router R6 and is configured with ECMP 3. Given the following BGP configuration on router R4, how many primary and backup paths will be present in router R4's BGP routing table?

```
R4>config>router>bgp# info
```

```
-----
multipath 3
add-paths
  ipv4 send 3 receive
exit
backup-path ipv4
group "IBGP"
  peer-as 65540
  neighbor 10.10.10.6
exit
exit
```

- A. Two primary paths and one backup path.
- B. One primary path and two backup paths.
- C. Three primary path and one backup path,
- D. Three primary paths.

Correct Answer: D

**QUESTION 5**

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?

- ☐ 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

Correct Answer: B

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