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問題集

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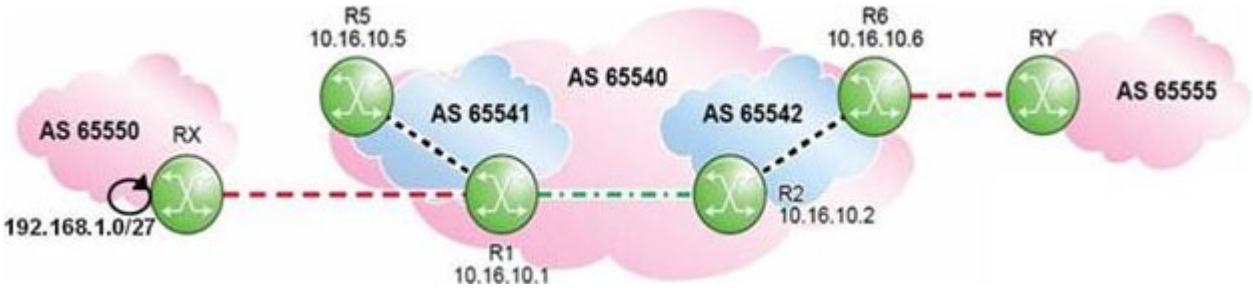
Exam : **4A0-114**

Title : Nokia Border Gateway Protocol Fundamentals for Services

Version : DEMO

1.Click the exhibit.



Which of the following is a valid confederation configuration for Router R2?

A.
```
R2>config>router# info
----------------------------------------
autonomous-system 65540
confederation 65540 members 65541 65542
```

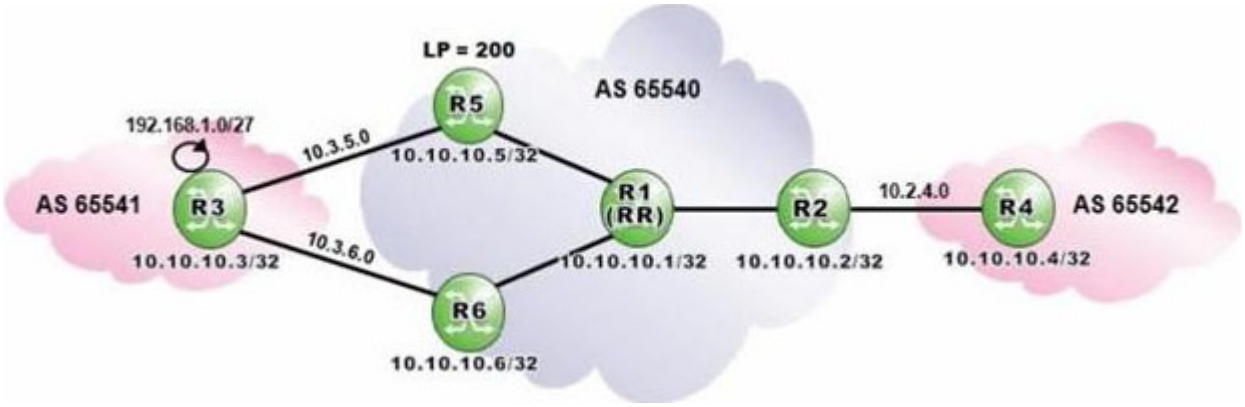
B.
```
R2>config>router# info
----------------------------------------
autonomous-system 65542
confederation 65540 members 65541
```

C.
```
R2>config>router# info
----------------------------------------
autonomous-system 65542
confederation 65540 members 65541 65542
```

D.
```
R2>config>router# info
----------------------------------------
autonomous-system 65540
confederation 65542 members 65541
```

A. Option A
B. Option B
C. Option C
D. Option D
Answer: C

2.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                          Path-Id    VPNLabel
      As-Path
-------------------------------------------------------------------------------
u*>i  192.168.1.0/27                   200        None
      10.3.5.3                         None       -
      65541
```

B.

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

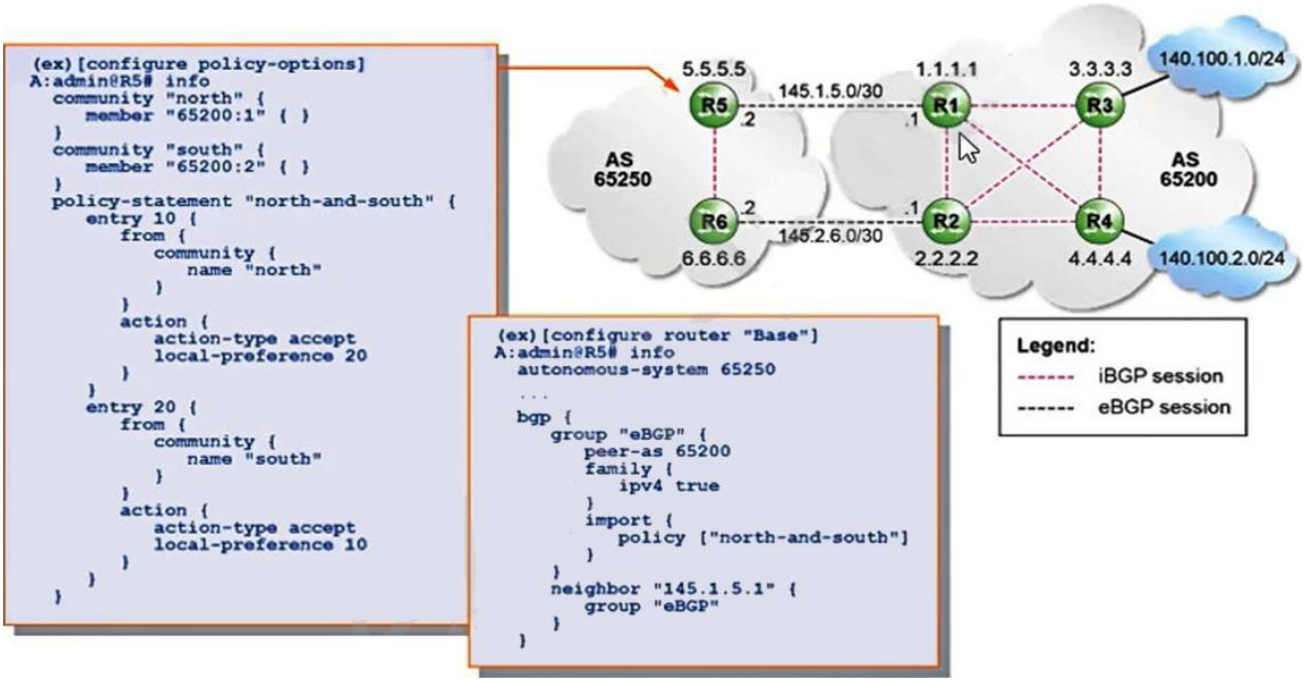
B. Option B

C. Option C

D. Option D

Answer: C

3.In the diagram, the BGP import policy "north-and-south" is applied to router R5. Router R1 advertises the prefix 140.100.1.0/24 with a community set to "65200:1".
Which of the following statements about how router R5 processes the received route update for prefix 140.100.1.0/24 is TRUE?



A. The prefix is rejected.
B. The prefix's local preference is set to 20.
C. The prefix's community value is removed.
D. The prefix's community value is modified to 65200:2.
Answer: D

4.Which of the following statements about BGP is FALSE?
A. Peers need to be IP reachable to establish a BGP session.
B. Route reflectors can reduce the number of iBGP sessions required.
C. iBGP peers have to be adjacent to each other.
D. The multihop parameter needs to be configured when eBGP peers are not adjacent to each other.
Answer: C

5.A BGP session is stuck in the "Connect" state.
Which of the following is the most likely reason?
A. The remote BGP peer is properly configured but the local router is not.
B. The local router is properly configured but the remote BGP peer is not.
C. The BGP protocol is administratively disabled on the local router.
D. The BGP protocol is administratively disabled on the remote BGP peer.
Answer: B