



642-661^{Q&As}

CCIP Configuring BGP on Cisco Routers (BGP)

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QUESTION 1

Router # show ip bgp 172.31.1.0

BGP routing table entry for 172.31.1.0/24, version 15 Paths: (2 available, best #2, table Default-IF-Routing-Table)

Advertised to non peer-group peers:

10.1.0.2 10.200.200.3 10.200.200.4 172.31.11.1

65100

172.31.1.1 from 10.1.0.2 (10.200.200.2)

Origin IGP, metric 0, localpref 100, valid, internal 65100

172.31.1.1 from 172.31.1.1 (172.31.1.1)

Origin IGP, metric 0, localpref 100, valid, external, best

Based on the output shown in the exhibit, which two statements are correct? (Choose two)

- A. The eBGP route to 172.31.1.0/24 is preferred over the iBGP route to 172.31.1.0/24.
- B. 172.31.1.1 is an iBGP peer.
- C. 10.1.0.2 is an iBGP peer.
- D. 10.200.200.3 is an eBGP peer.

Correct Answer: AC

QUESTION 2

Select and Place:



Drag the correct description on the left to match the appropriate BGP feature on the right.

- increase stability by reducing BGP route flaps
- reduce IBGP sessions by using special EBGP sessions
- can use a hierarchical approach
- all routers within the AS must support it
- override the BGP synchronization rule
- start the BGP routing process using the cluster ID
- limit the prefix being received from a BGP peer
- modify the BGP split horizon rule

Confederations

Route Reflectors

Correct Answer:

Drag the correct description on the left to match the appropriate BGP feature on the right.

- increase stability by reducing BGP route flaps
-
-
-
- override the BGP synchronization rule
- start the BGP routing process using the cluster ID
- limit the prefix being received from a BGP peer
-

Confederations

all routers within the AS must support it

reduce IBGP sessions by using special EBGP sessions

Route Reflectors

modify the BGP split horizon rule

can use a hierarchical approach

QUESTION 3

What are the three main BGP scaling issues for service providers? (Choose three.)

- A. BGP policy scaling issues
- B. IBGP full mesh scaling issues
- C. BGP to IGP redistribution scaling issue



D. BGP updates and BGP table size scaling issues

Correct Answer: ABD

QUESTION 4

Which condition must be met before Route Refresh messages can be sent to a BGP peer?

- A. The soft reconfiguration feature must be enabled.
- B. The BGP peer must advertise Route Refresh capability.
- C. The Outbound Route Filter (ORF) feature must be enabled.
- D. The BGP peer must have enough memory to store a copy of the original update.

Correct Answer: B

QUESTION 5

What can cause a single sourced iBGP route not to be selected as the best route?

- A. The BGP origin is incomplete.
- B. BGP synchronization is disabled.
- C. The BGP local preference is 0.
- D. The BGP next-hop is unreachable.
- E. The BGP weight is 0.
- F. The BGP MED is 0.

Correct Answer: D

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