



642-661^{Q&As}

CCIP Configuring BGP on Cisco Routers (BGP)

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QUESTION 1

External BGP peers must normally reside on a directly connected network. Sometimes it is useful to relax this restriction to enable load balancing. Which neighbor command option is used to permit this?

- A. ebgp-multihop
- B. soft-reconfiguration
- C. remote-as
- D. send-community
- E. no sync
- F. next-hop-self

Correct Answer: A

QUESTION 2

AS 65101 is a dual home customer. When starting the EBGP sessions with both ISPs announcing its networks, which two statements are true about the default behavior of BGP? (Choose two)

- A. The default BGP route selection prefers the shortest AS-Path.
- B. If the AS-Paths are equal in length, BGP prefers the route from the peer with the highest router ID.
- C. The bandwidth available to reach the ISPs is not taken into consideration in the BGP path selection process.
- D. Using the default BGP "maximum-paths" of 4, BGP can load balance the outbound traffic from the multihomed customer between the two ISPs.

Correct Answer: AC

QUESTION 3

Which of these situations best describe when to use the AS number translation feature?

- A. All multihomed customers are using public AS numbers.
- B. All single-homed customers are using private AS numbers.
- C. All multihomed customers are assigned different AS numbers from different ISPs.
- D. All single-homed customers are using public AS numbers.

Correct Answer: C



QUESTION 4

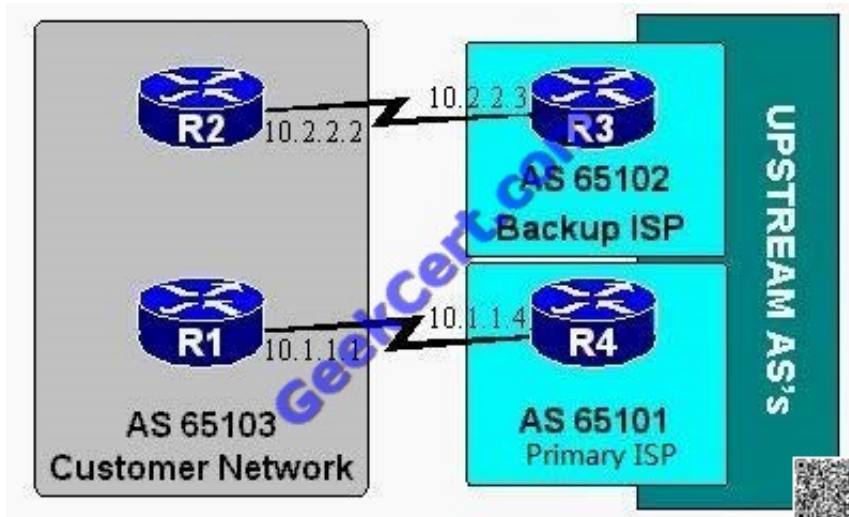
When configuring BGP route dampening on Cisco routers, what is the correct default half-life- time?

- A. 120 minutes
- B. 45 minutes
- C. 60 minutes
- D. 15 minutes

Correct Answer: D

QUESTION 5

R2 is configured to prepend AS number 65102 in updates to R3. Which statement is true?



- A. The AS-Path length via AS 65102 will decrease to influence the return traffic path selected by the remote ASs.
- B. The AS-Pathprepend configuration command using the remote AS number (65102) will be rejected by IOS at R2.
- C. The BGP updates from R2 to R3 will be rejected by R3 due to loop prevention.
- D. The AS-Path length via AS 65102 will increase to influence the return traffic path selected by the remote ASs.
- E. The EBGP session between R2 and R3 will be dropped due to an AS-Pathprepend configuration error.

Correct Answer: C



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