



642-661^{Q&As}

CCIP Configuring BGP on Cisco Routers (BGP)

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QUESTION 1

Which statement is correct when utilizing the BGP TTL security check feature?

- A. It eliminates the need for BGP keepalive packets.
- B. It is configured locally for each BGP peering session.
- C. It generates a syslog error if a "forged" packet is received.
- D. It is not functional on multi-hop BGP peering sessions.
- E. It compares the value of the received packet TTL against a BGP interface Access-List.

Correct Answer: B

QUESTION 2

When creating iBGP multipaths which three criteria must be met by multiple paths to the same destination? (Choose three.)

- A. The destination AS-number must be different for each destination.
- B. Each destination must have a different next-hop address.
- C. Router IDs must be the same on all routers.
- D. Multi-exit discriminator attributes must be the same on all paths.
- E. Interior Gateway Protocol distance must be identical on each path.

Correct Answer: BDE

QUESTION 3

Which command is used to configure the external, confederation-wide AS number?

- A. `router(config)#routerbgp {as-number}`
- B. `router(config-router)#neighbor {ip address} remote-as {as-number}`
- C. `router(config-router)#bgp confederation peers {as-number}`
- D. `router(config-router)#bgp confederation identifier {as-number}`
- E. `router(config-router)#bgp cluster-id {as-number}`

Correct Answer: D



QUESTION 4

Which BGP path attribute is used to inform the BGP peer that the routing information that was presented in the original routing updates may have been lost when the updates were summarized?

- A. AGGREGATOR
- B. AS_PATH
- C. ATOMIC_AGGREGATE
- D. CLUSTER_LIST

Correct Answer: C

QUESTION 5

Based on the show ip route bgp output and the BGP configuration shown in the exhibit, which BGP prefixes will be advertised by P1R1? (Choose four.)

```
P1R1#sh ip route bgp
B 192.168.12.0/24 [20/0] via 172.31.1.3, 00:53:00
B 192.168.13.0/24 [20/0] via 172.31.1.3, 00:53:00
B 192.168.14.0/24 [20/0] via 172.31.1.3, 00:53:00
B 192.168.15.0/24 [20/0] via 172.31.1.3, 00:53:00
B 192.168.20.0/24 [20/0] via 172.31.11.4, 00:52:57
B 192.168.21.0/24 [20/0] via 172.31.11.4, 00:52:57
B 192.168.22.0/24 [20/0] via 172.31.11.4, 00:52:57
B 192.168.23.0/24 [20/0] via 172.31.11.4, 00:52:57

P1R1#sh run
!
! Partial show run output
!
router bgp 65101
 aggregate-address 192.168.12.0 255.255.252.0 summary-only
 aggregate-address 192.168.20.0 255.255.252.0
 neighbor 10.1.1.1 remote-as 65101
 neighbor 172.31.1.3 remote-as 65102
 neighbor 172.31.11.4 remote-as 65103
```

- A. 192.168.12.0/22
- B. 192.168.20.0/24



C. 192.168.23.0/24

D. 192.168.12.0/24

E. 192.168.15.0/24

F. 192.168.20.0/22

Correct Answer: ABCF

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