



642-661^{Q&As}

CCIP Configuring BGP on Cisco Routers (BGP)

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QUESTION 1

How do BGP confederations reduce the requirements for a full-mesh iBGP configuration?

- A. By splitting the autonomous system into a number of smaller autonomous systems and using iBGP sessions among them.
- B. By modifying the iBGP split horizon rule.
- C. By modifying the eBGP split horizon rule.
- D. The combining multiple iBGP sessions into a single iBGP session over loopback interface.

Correct Answer: A

QUESTION 2

What is the maximum number of parallel routes that can be injected into the routing table when using the iBGP multipath load sharing feature?

- A. The number of parallel paths injected into the routing table will depend on the IGP currently in use within the iBGP domain.
- B. iBGP multipath can support up to 4 parallel paths.
- C. None, multipath is supported on eBGP only when used in conjunction with the update-source command.
- D. iBGP multipath can support up to 6 parallel paths.
- E. The maximum number of parallel paths injected into the routing table is specified by BGP MED and ranges from 2 to 256 parallel paths.

Correct Answer: D

QUESTION 3

If there is no exact match in the local routing table, what three conditions would result in BGP introducing the classful network 172.0.0.0 with the mask 255.0.0.0 into the BGP table? (Choose three.)

- A. the routing table contains the subnet 172.172.172.0 with a subnet mask of 255.255.255.0
- B. network 172.0.0.0 is configured under the router bgp {as no.} command
- C. no auto-summary is configured under the router bgp {as no.} command
- D. any classful network must exist in the BGP table
- E. auto-summary is enabled under the router bgp {as no.} command
- F. a classless network must exist in the BGP table



Correct Answer: ABE

QUESTION 4

Which two statements are true about multihomed customers? (Choose two)

- A. The customer usually uses provider assigned (PA) address space.
- B. The customer usually uses provider independent (PI) address space.
- C. Static routing is always adequate between the customer and service provider.
- D. The customer runs BGP with the service provider using either a private or a public AS number.

Correct Answer: BD

QUESTION 5

The neighbor {ip-address} maximum-prefix {maximum number} command prevents which router condition?

- A. route flaps
- B. frequent BGP session resets
- C. CPU and memory exhaustion
- D. routing instability
- E. asymmetric routing

Correct Answer: C

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