

# DES-5221<sup>Q&As</sup>

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## QUESTION 1

What type of network in a Data Center flattens the core and aggregation layers into a single tier?

- A. Leaf
- B. Leaf-spine
- C. Spine
- D. TRILL

Correct Answer: B

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## QUESTION 2

What is required to enable ECMP in BGP?

- A. OSPF must install equal cost paths in the routing table for BGP to use ECMP.
- B. Maximum-paths and multipath-relax commands.
- C. Sub-interfaces must be configured on the physical interface running BGP.
- D. ECMP is not possible in BGP.

Correct Answer: B

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## QUESTION 3

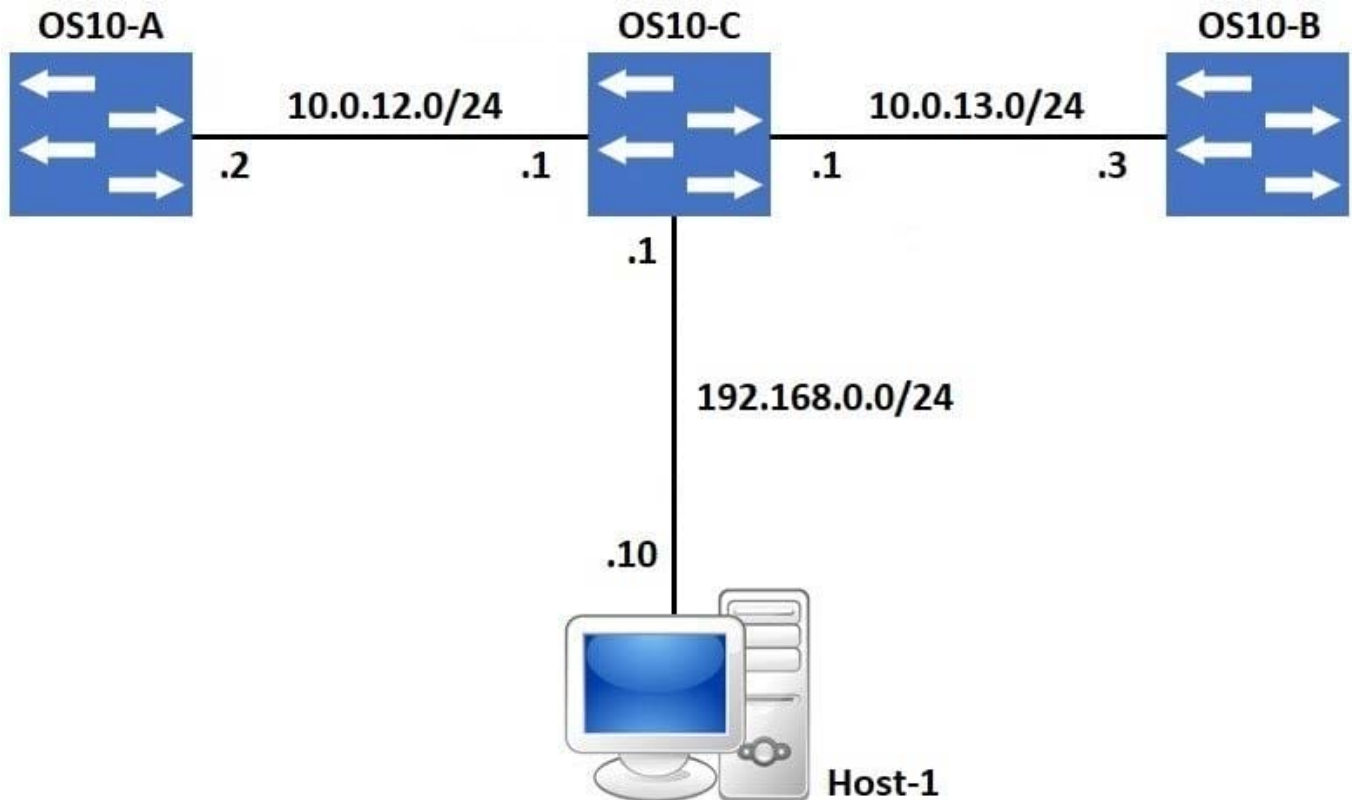
When the show ip bgp neighbors command is issued, which BGP state reflects a successfully created adjacency with another BGP peer?

- A. ESTABLISHED
- B. PEERING
- C. ACTIVE
- D. CONNECTED

Correct Answer: A

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## QUESTION 4



Refer to the exhibit.

A default route exists on OS10-C that points all internet traffic towards 10.0.13.3 on OS10-B. A network administrator needs to re-route internet traffic only sourced from Host-1 to 10.0.12.2 on OS10-A instead. What feature can the administrator implement to accomplish this goal?

- A. Static Default Routing
- B. OSPF Cost Manipulation
- C. Source-Based Routing
- D. Policy-Based Routing

Correct Answer: D

## QUESTION 5

Which field in an IP header is used for QoS marking?

- A. ToS
- B. SA
- C. CoS
- D. DA

Correct Answer: A

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## QUESTION 6

What is the default PIM-SSM IP range?

- A. 224.0.0.0/4
- B. 224.0.0.0/24
- C. 232.0.0.0/8
- D. 232.0.0.0/4

Correct Answer: C

Reference: [https://www.dell.com/support/manuals/us/en/04/force10-z9500/z9500\\_9.9.0.0\\_cli\\_pub-v1/ip-pim-ssm-range?guid=guid-995ffbd6-412f-4b34-92d1-50bb254ae371&lang=en-us](https://www.dell.com/support/manuals/us/en/04/force10-z9500/z9500_9.9.0.0_cli_pub-v1/ip-pim-ssm-range?guid=guid-995ffbd6-412f-4b34-92d1-50bb254ae371&lang=en-us)

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## QUESTION 7

Which LSA type provides information necessary to reach routers originating type 5 LSA's in other areas?

- A. ASBR-Summary (Type 4)
- B. Summary (Type 3)
- C. NSSA (Type 7)
- D. Router (Type 1)

Correct Answer: A

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## QUESTION 8

Which type of protocol is OSPF and what metric does it use to determine best path?

- A. Link-state protocol that uses a concept of cost as metric
- B. Hybrid protocol that uses hop count as a metric
- C. Path vector protocol that uses the Dijkstra algorithm as a metric
- D. Distance Vector protocol that uses bandwidth and delay as metric

Correct Answer: A

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## QUESTION 9

A network administrator wants servers to avoid spanning-tree convergence immediately after connecting to a leaf switch. Which spanning-tree feature would allow this?

- A. spanning-tree vlan priority 0
- B. spanning-tree port-type disabled
- C. spanning-tree port-priority 0 D. spanning-tree port-type edge

Correct Answer: D

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## QUESTION 10

What benefit does VRRP version 3 provide over VRRP version 2 in OS10?

- A. Provides preemption capability.
- B. Provides MD5 authentication.
- C. Allows subsecond timers.
- D. Allows multiple masters in the topology.

Correct Answer: C

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