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# JN0-1300

Juniper Networks Certified Design Specialist,  
Data Center

DEMO

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**QUESTION 1**

What are two valid types of software-defined networking architectures? (Choose two.)

- A. hardware-based
- B. controller-based
- C. policy-based
- D. actuation-based

**Answer: BC**

**QUESTION 2**

Your customer wants to implement better quality of service for multiple mission critical applications.

How many bits of the Differentiated Services (DiffServ) field of a packet would be used as code-points to achieve this goal?

- A. eight
- B. two
- C. six
- D. ten

**Answer: C**

**QUESTION 3**

Which encapsulation is used on the cascade ports of a Junos Fusion aggregation device?

- A. PBB
- B. IEEE 802.1BR
- C. Broadcom HiGig2
- D. MPLS

**Answer: B**

**QUESTION 4**

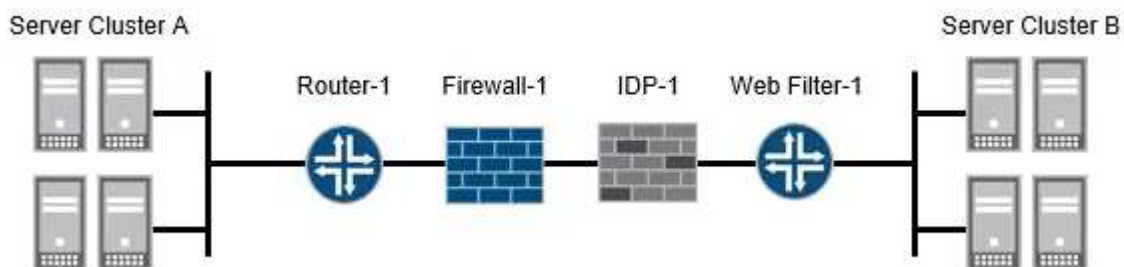
You want to improve high availability of the Juniper Networks routing devices in your data center.

Which three would accomplish this task? (Choose three.)

- A. Routing Engine redundancy
- B. Spanning Tree Protocol
- C. graceful Routing Engine switchover
- D. virtual private LAN service
- E. Virtual Router Redundancy Protocol

**Answer: ACE**

**QUESTION 5**



You need to filter east-west Web traffic inside the data center between Server Cluster A and Server Cluster B using information contained in the IP header. Referring to the exhibit, where should you filter the traffic?

- A. Web Filter-1
- B. IDP-1
- C. Firewall-1
- D. Router-1

**Answer: C**

**QUESTION 6**

A customer has reached the limit of their IEEE Layer 2 VLAN implementation. The customer then switches to a VXLAN overlay architecture using Layer 3. In this scenario, how many unique VXLAN segments are mathematically available?

- A. 4,194,304
- B. 8192
- C. 4096
- D. 16,777,216

**Answer: D**

**QUESTION 7**

A customer is using a Clos IP fabric design in their data center.

What is the advantage of using EBGP signaling between spine and leaf nodes rather than IBGP in this scenario?

- A. An EBGP router automatically performs the next hop self-operation on advertised routes.
- B. By default, EBGP supports multihop sessions between peers.
- C. A leaf node can have multiple EBGP sessions with a spine node.
- D. EBGP does not require support for the ADD-PATH capability.

**Answer: D**

**QUESTION 8**

You are about to deploy the Cloud Analytics Engine in your data center. However, some of the devices in your data center are not supported by the Cloud Analytics Engine.

In this scenario, which two actions would occur? (Choose two.)