

# Practice Exam Questions



Data Center Design Specialist

JNCDS-DC



**EXAMAIDES**

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**Total Question: 65 QAs**

Question No: 1

Which statement is correct about a Junos Fusion Data Center fabric deployment?

- A. Each aggregation device is managed separately.
- B. Each satellite device is managed separately.
- C. All satellite devices are managed and configured by an aggregation device.
- D. All satellite and aggregation devices must be running the same version of Junos OS.

Answer: C

Question No: 2

Your company is deploying a private cloud based on OpenStack and has selected Contrail Networking as its SDN controller. Which two statements are true in this scenario? (Choose two.)

- A. Underlay tunnels are established between virtualized and bare-metal servers.
- B. MPLS over UDP tunnels are supported.
- C. Overlay tunnels are established between virtualized and bare-metal servers.
- D. MPLS over GRE tunnels are supported.

Answer: C,D

Question No: 3

You are designing a Junos-based Ethernet Fabric for a data center that has a combination of 60 EX Series and QFX Series devices.

In this scenario, which solution would you choose?

- A. Junos Fusion Provider Edge
- B. Virtual Chassis
- C. Junos Fusion Data Center
- D. Virtual Chassis Fabric

Answer: D

Question No: 4

Which two security components are inherent in a Contrail vRouter? (Choose two.)

- A. basic tenant separation directional control for Layer 3 and Layer 4 traffic
- B. Layer 7 traffic filters
- C. security groups
- D. encapsulation around each VM residing on the compute node

Answer: B,C

Question No: 5

You are designing a Layer 2 fabric implementation for a small data center and have chosen to implement a Virtual Chassis Fabric. You must accommodate two racks of servers with 1 Gbps connectivity, 10 racks of servers with 10 Gbps connectivity, and maintain a single management interface.

Which device would satisfy the requirements in this implementation?

- A. QFX5110

- B. QFX10002
- C. EX4600
- D. EX4300

Answer: A

Question No: 6

You want to use the Intrusion Prevention System features of a vSRX virtual firewall to protect systems from attacks embedded in traffic. In this scenario, which three technologies would be used? (Choose three.)

- A. protocol decodes
- B. zero-day protection
- C. traffic normalization
- D. application firewall
- E. application tracking

Answer: B,C,D

Question No: 7

A customer asks you if they should implement nonstop active routing (NSR) in some cases to replace graceful restart in their data center.

In this scenario, which two statements are true? (Choose two.)

- A. NSR saves routing protocol information by running the routing protocol process (rpd) on the backup Routing Engine.
- B. NSR is self-contained and does not rely on helper routers (or switches) to assist the routing platform in restoring routing protocol information.
- C. NSR accounts for large and small traffic flows to ensure coherent forwarding path selection during failover.
- D. NSR delivers TCP/UDP stream status reducing control plane stress for other networking devices through concatenated announcements from the routing protocol process (rpd)

Answer: A,B

Question No: 8

A customer is using EVPN to maximize their Data Center Interconnect and provide a stretched Layer 2 network to support VM mobility. What are two benefits in this scenario? (Choose two.)

- A. Load balancing is used across the WAN per flow
- B. Layer 2 MAC tables are populated using the control plane
- C. Load balancing is used across the WAN per packet
- D. Layer 2 MAC tables are populated using the data plane

Answer: A,B

Question No: 9

Which two statements describe the Contrail vRouter? (Choose two.)

- A. It is forwarding plane that runs software on a virtualized server.
- B. It extends the network form physical routers and switches into an overlay network hosted in virtual server.
- C. It is responsible for providing the management, control, and analytics functions of the virtualized network.
- D. It provides the logically centralized control plane and management plane of the system.

Answer: A,C

Question No: 10

You are re-designing a traditional multitiered data center into a modern spine-and-leaf data center architecture.

In this scenario, which two tiers are collapsed? (Choose two.)

- A. distribution
- B. WAN
- C. access
- D. core

Answer: A,D

Question No: 11

Which two statements are correct about current data center designs? (Choose two.)

- A. Network functions are being virtualized.
- B. Public IP addresses are easy to obtain but not manage.
- C. There is a proliferation of distributed applications.
- D. There is a proliferation of monolithic applications.

Answer: A,C

Question No: 12

From a network management perspective, a Virtual Chassis consisting of five physical switches will appear as how many devices?

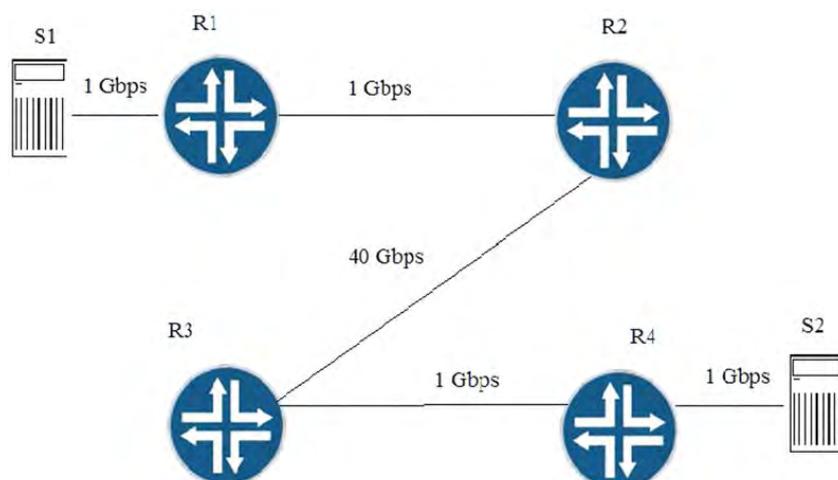
- A. 0
- B. 1
- C. 2
- D. 5

Answer: B

Question No: 13

Click the Exhibit button.

Traffic congestion has been noticed when S1 is sending traffic to S2. You must design a CoS deployment to address the traffic congestion issue. Referring to the exhibit, which statement is true?



- A. You should deploy CoS on R1 and R4.
- B. You should deploy CoS on R1, R3 and R4.
- C. You should deploy CoS on S1, R1, R2, R3, R4, and S2.
- D. You should deploy CoS on R1, R2, R3, and R4.

Answer: D

Question No: 14

You are asked to provide a data center design proposal. The customer wants each rack to be managed as a single unit with the shortest possible cable lengths.

Which deployment model meets these requirements?

- A. top of rack
- B. middle of rack
- C. middle of row
- D. end of row

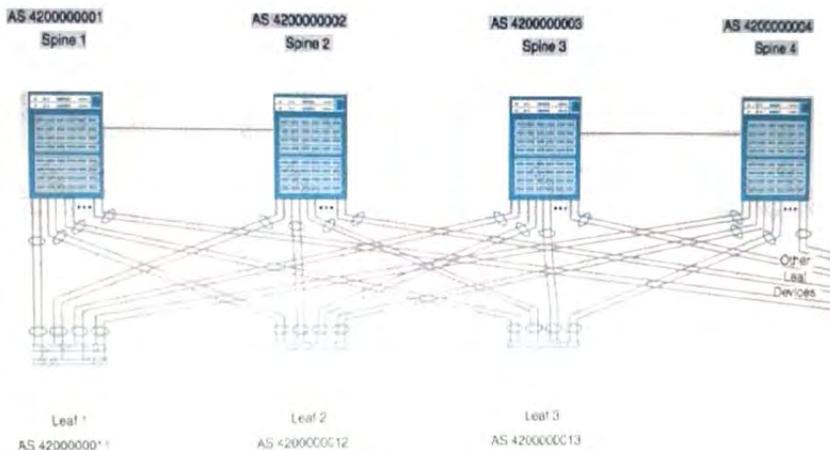
Answer: B

Question No: 15

Click the Exhibit button.

You are creating a resilient IP fabric for a data center based on a Clos architecture.

Referring to the exhibit, which statement is true?



- A. A physical link must be added between spine 2 and spine 3 and between spine 1 and spine 4.
- B. Additional physical links between spine 1 and spine 2 and between spine 3 and spine 4 must be added for resiliency.
- C. No physical links need to be added or removed.
- D. The physical links between spine 1 and spine 2 and between spine 3 and spine 4 must be removed.

Answer: D

Question No: 16

You need a security management solution for your data center that will support centralized network visibility and control, J-Flow collection from existing perimeter devices, and SIEM. In this scenario, which two products should you choose for your data center design? (Choose two.)

- A. vSRX
- B. Security Director