

JN0-1301^{Q&As}

Data Center Design, Specialist (JNCDS-DC)

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QUESTION 1

How many inches does one RU equal?

- A. 1.000
- B. 1.251
- C. 1.527
- D. 1.752

Correct Answer: D

QUESTION 2

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

Correct Answer: AB

QUESTION 3

Which devices are recommended by Juniper Networks as edge routers in a data center?

- A. EX Series
- B. QFX Series
- C. MX Series
- D. CTP Series

Correct Answer: C

QUESTION 4

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.

Correct Answer: CD

QUESTION 5

What are two requirements for a VXLAN tunnel endpoint (VTEP)? (Choose two.)

- A. TCP session tracking
- B. MAC address learning
- C. IGMP filtering
- D. IP address learning of interested VTEPs

Correct Answer: BD

QUESTION 6

You are implementing traffic prioritization in your IP fabric. You must ensure that traffic is handled correctly throughout the fabric.

In this scenario, which statement is correct?

- A. You should implement a BA classifier on all egress interfaces on the leaf devices.
- B. Rewrite rules must be applied on the spine devices for all leaf-facing interfaces.
- C. You should implement a BA classifier on all egress interfaces on the spine devices.
- D. Schedulers should be applied to all egress interfaces on your leaf and spine devices.

Correct Answer: D

QUESTION 7

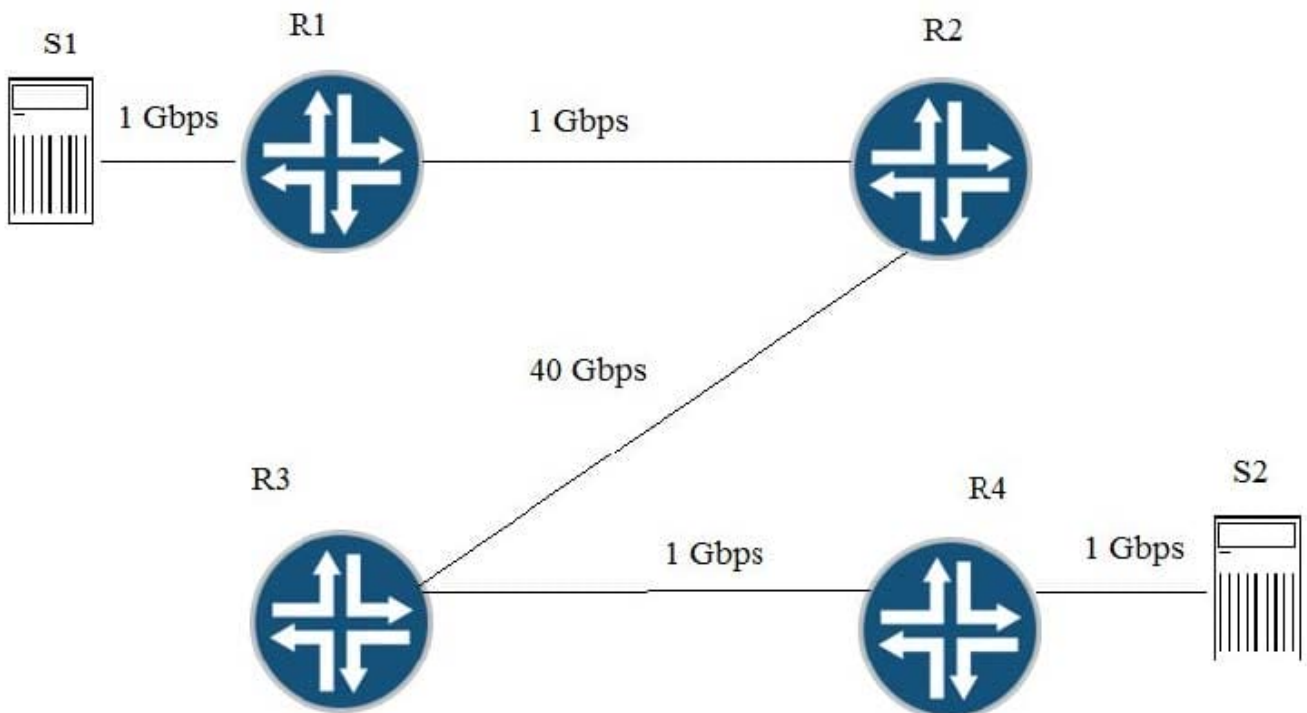
From a network management perspective, a Virtual Chassis consisting of five physical switches will appear as how many devices?

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

Correct Answer: B

QUESTION 8

Click the Exhibit button. Traffic congestion is noticed when sending traffic from S1 to S2. You must design a CoS deployment to address the traffic congestion issue. Referring to the exhibit, which two statements are true? (Choose two.)



- A. You should use BA classifiers on R1.
- B. You should use multifield classifiers on R2, R3, and R4.
- C. You should use multifield classifiers on R1.
- D. You should use BA classifiers on R2, R3, and R4.

Correct Answer: AB

QUESTION 9

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

Correct Answer: AD

QUESTION 10

Which statement is true about highly available data center architectures?

A. All data center devices require the same level of uptime.

B. They require the use of a services block for non switching/routing devices.

C. They are never segmented into zones or PoDs.

D. During a failure, a data center should gracefully degrade.

Correct Answer: B

QUESTION 11

Which two statements are true about IP fabrics? (Choose two.)

A. IP-based applications do not require an overlay network to maintain connectivity.

B. Applications that require security needs an overlay to provide the security.

C. Applications that require Layer 2 adjacencies require an overlay network to maintain connectivity.

D. IP fabrics can natively support both Layer 2 and Layer 3 applications.

Correct Answer: CD

QUESTION 12

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

Correct Answer: A

QUESTION 13

Your data center uses an Ethernet fabric solution for the infrastructure switches.

You must design a redundancy solution that addresses how the servers connect to the members of the Ethernet fabric. Which two statements are true in this scenario? (Choose two.)

- A. It is necessary to use MC-LAG.
- B. You should connect each server to one member with a two-interface LAG.
- C. You should connect each server to two different members.
- D. It is not necessary to use MC-LAG.

Correct Answer: CD

QUESTION 14

When considering data center security, which component is often seen as unimportant but is really the first line of defense?

- A. guest access
- B. native VLAN configuration
- C. RBAC
- D. physical security

Correct Answer: A

QUESTION 15

You are implementing a new financial application in your data center. You must ensure Web traffic to this server is secure.

Which Junos feature would you use to accomplish this task?

- A. graceful restart
- B. antispam
- C. AppSecure
- D. Virtual Chassis

Correct Answer: C

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