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## Juniper Networks Certified Design Specialist - Data Center (JNCDS-DC)

Juniper JN0-1301

Version Demo

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## QUESTION NO: 1

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: 2

You are implementing a Virtual Chassis Fabric using QFX5110 devices.

Which two statements are true in this scenario according to Juniper Networks recommendations? (Choose two.)

- A. Spine devices must assume the RE role.
- B. Leaf devices must have a direct link to all other leaf devices.
- C. Spine devices must assume the line card role.
- D. Leaf devices must have a direct link to all spine devices.

**ANSWER: A D**

## QUESTION NO: 3

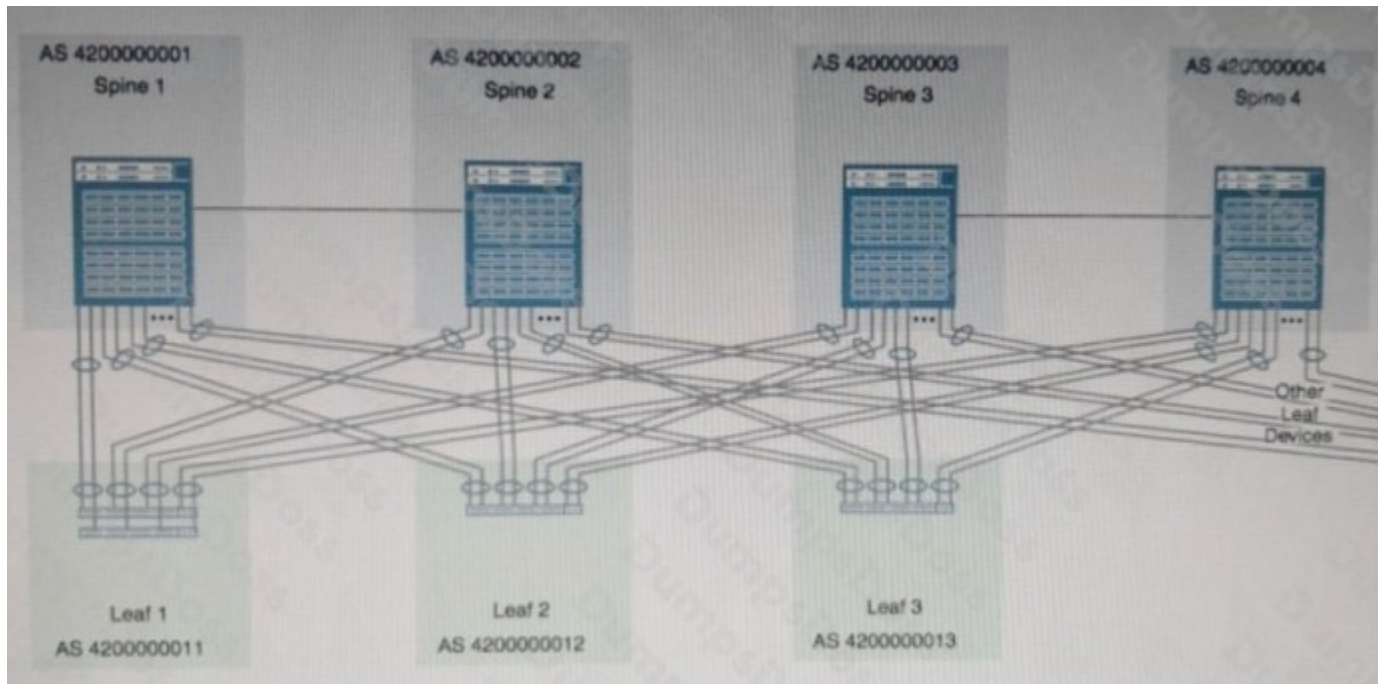
Which two statements are correct about current data center designs? (Choose two.)

- 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: 4

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: 5

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: 6

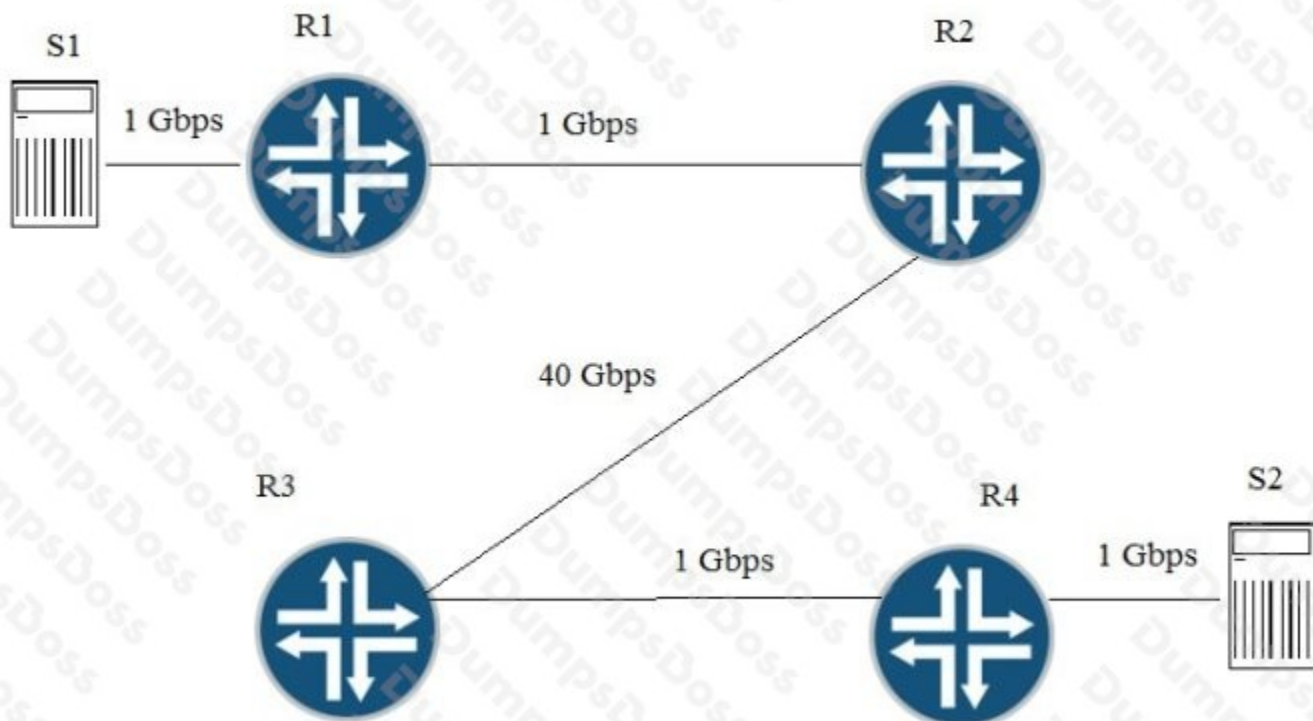
Which statement is true about highly available data center architectures?

- 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.

**ANSWER: B**

## QUESTION NO: 7

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.

**ANSWER: A B**

#### QUESTION NO: 8

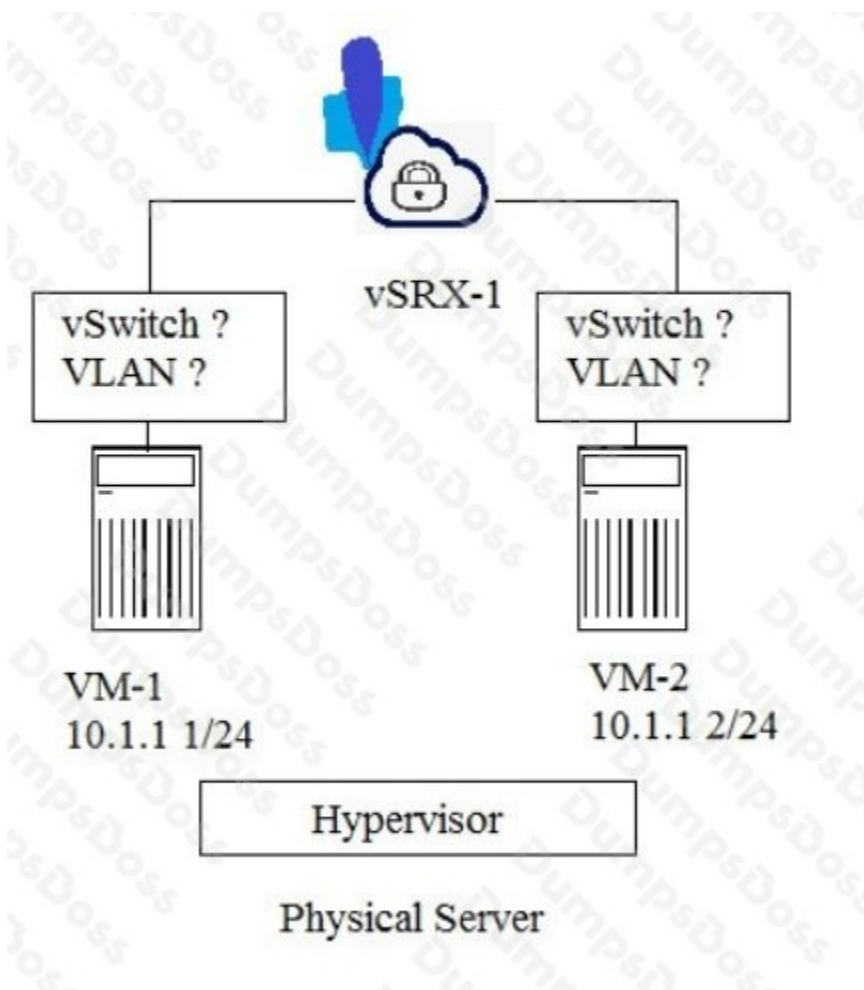
You are designing a data center network with a combination of KVM virtual machines and physical QFX Series devices. You require a single Juniper Networks solution for monitoring resource utilization across all devices. In this scenario, which product would satisfy this requirement?

- A. AppFormix
- B. Contrail
- C. JTI
- D. Junos Space

**ANSWER: A****QUESTION NO: 9**

Click the Exhibit button. Referring to the exhibit, you want the vSRX device to inspect inter-VM traffic.

Which two actions must you take to accomplish this task? (Choose two.)



- A. You must put the connections between the VMs and the vSRX device in separate VLANs.
- B. You must put the connections between the VMs and the vSRX device in separate vSwitches.
- C. You must put the connection between the VMs and the vSRX device in the same VLAN.
- D. You must put the connection between the VMs and the vSRX device in the same vSwitch.

**ANSWER: A B**

## QUESTION NO: 10

You have included in your data center design an SRX1500 chassis cluster. The RFP requires a documented upgrade process for the cluster that minimizes downtime. What satisfies this requirement in this scenario?

- A. an in-service software upgrade
- B. a topology-independent in-service software upgrade
- C. a manual device upgrade
- D. a nonstop software upgrade

**ANSWER: A**