

# JN0-1302<sup>Q&As</sup>

Data Center Design Specialist (JNCDS-DC)

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**QUESTION 1**

Your company wants to expand operations and build small data centers in locations where it is difficult to maintain physical routing equipment. You must recommend a Juniper product that minimizes this issue.

Which product would you recommend in this situation?

- A. MX104
- B. vMX
- C. vRR
- D. Virtual Chassis

Correct Answer: B

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**QUESTION 2**

You are designing an IP fabric underlay using IBGP with the spines serving as route reflectors. In this scenario, which BGP capability must be supported on the spines?

- A. add-path
- B. route-monitoring
- C. rib-sharding
- D. route-refresh-priority

Correct Answer: A

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**QUESTION 3**

When using BGP Layer 2 VPN for a Data Center Interconnect, which statement about MAC learning is correct?

- A. MAC learning is not used.
- B. Management plane MAC learning is used.
- C. Control plane MAC learning is used.
- D. Data plane MAC learning is used.

Correct Answer: C

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**QUESTION 4**

Contrail Networking performs which three functions? (Choose three.)

- A. Configure physical network functions.
- B. Deploy bare metal compute devices.
- C. Perform service chain network functions.
- D. Configure storage components.
- E. Virtualize networks.

Correct Answer: ABE

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#### QUESTION 5

Your data center design must ensure that no access switch can become a single point of failure. Which two actions will satisfy this requirement? (Choose two.)

- A. Use an MC-LAG between two upstream distribution switches and each access switch.
- B. Use a LAG between each access switch and a VRRP interface on a distribution switch.
- C. Use a LAG between each server and two or more members of a Virtual Chassis.
- D. Use an MC-LAG between two access switches and each server.

Correct Answer: AD

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#### QUESTION 6

You are designing an EVPN overlay architecture for your new data center fabric. You must ensure that the servers can be connected to multiple different leaf nodes.

Which feature must be configured to allow for this functionality?

- A. Virtual Router Redundancy Protocol
- B. Virtual Chassis
- C. Ethernet segment identifier
- D. multichassis LAG

Correct Answer: D

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#### QUESTION 7

Which two statements are correct when considering redundancy in a data center design? (Choose two.)

- A. Virtual Chassis is not supported in IP fabric designs.
- B. Routing protocols in an IP fabric must support ECMP.

- C. Redundant power supplies should be wired to the same PDU.
- D. LAG between a server and an IP fabric should be on separate physical leaf devices.

Correct Answer: BD

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#### QUESTION 8

You are asked to design a DCI that offers policy control, active/active multihoming with load balancing, and minimizes flooding of BUM traffic.

Which DCI implementation satisfies these requirements?

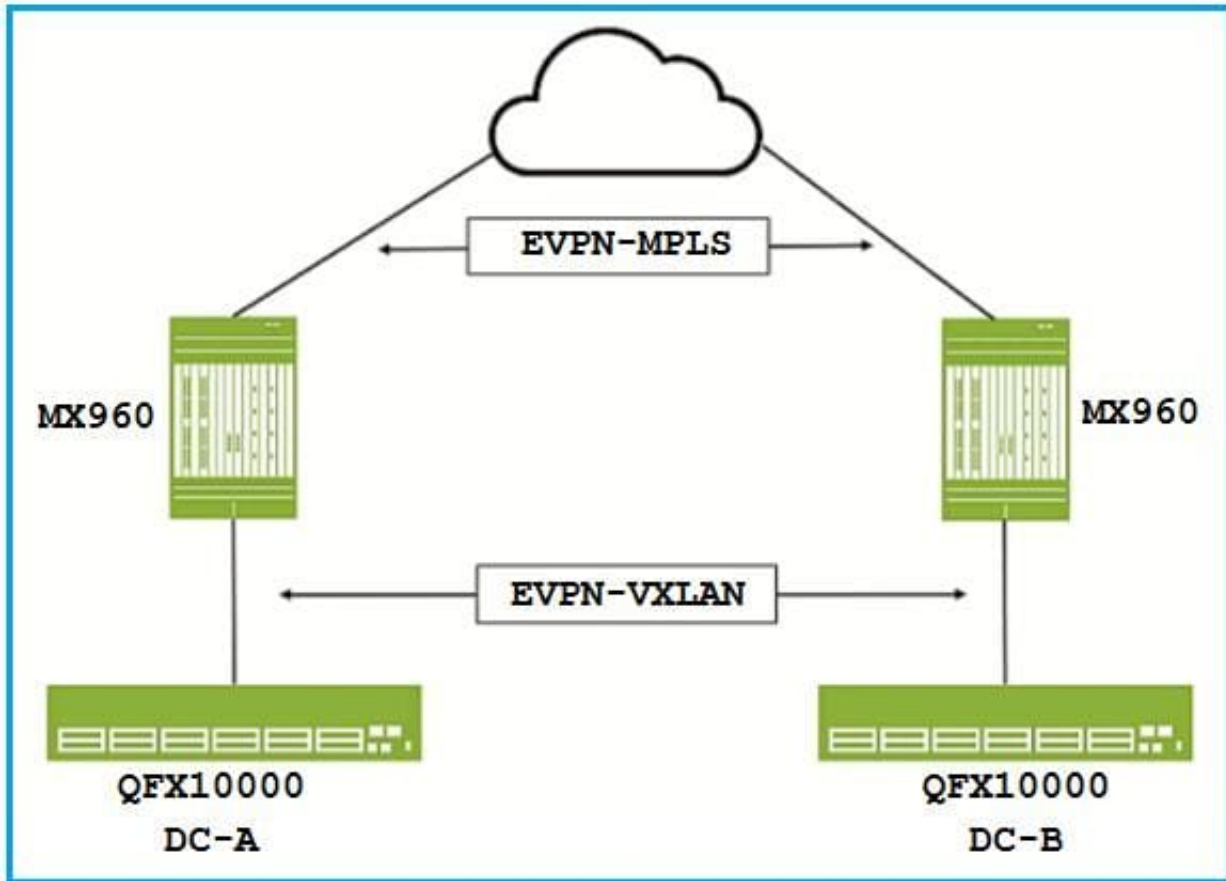
- A. EVPN
- B. circuit cross-connect
- C. BGP Layer 2 VPN
- D. VPLS LAG

Correct Answer: A

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#### QUESTION 9

Click the Exhibit button.



After several design meetings with the WAN team, EVPN MPLS will be deployed as the Data Center Interconnect protocol.

What should be enabled on the MX Series routers to support transporting traffic between DC-A and DC-B as shown in the exhibit?

- A. OVSDDB
- B. stitching
- C. fragmentation
- D. CGNAT

Correct Answer: B

**QUESTION 10**

You want to reduce the over-subscription ratio of an IP fabric between the leaf nodes and spine nodes. Which two actions will accomplish this goal? (Choose two.)

- A. Add spine nodes to the fabric.
- B. Increase bandwidth between the spine and leaf.
- C. Add leaf nodes to the fabric.

D. Add aggregate links to the servers.

Correct Answer: AB

**QUESTION 11**

You must deploy a solution within your data center that will provide capacity planning for your virtual machine environment.

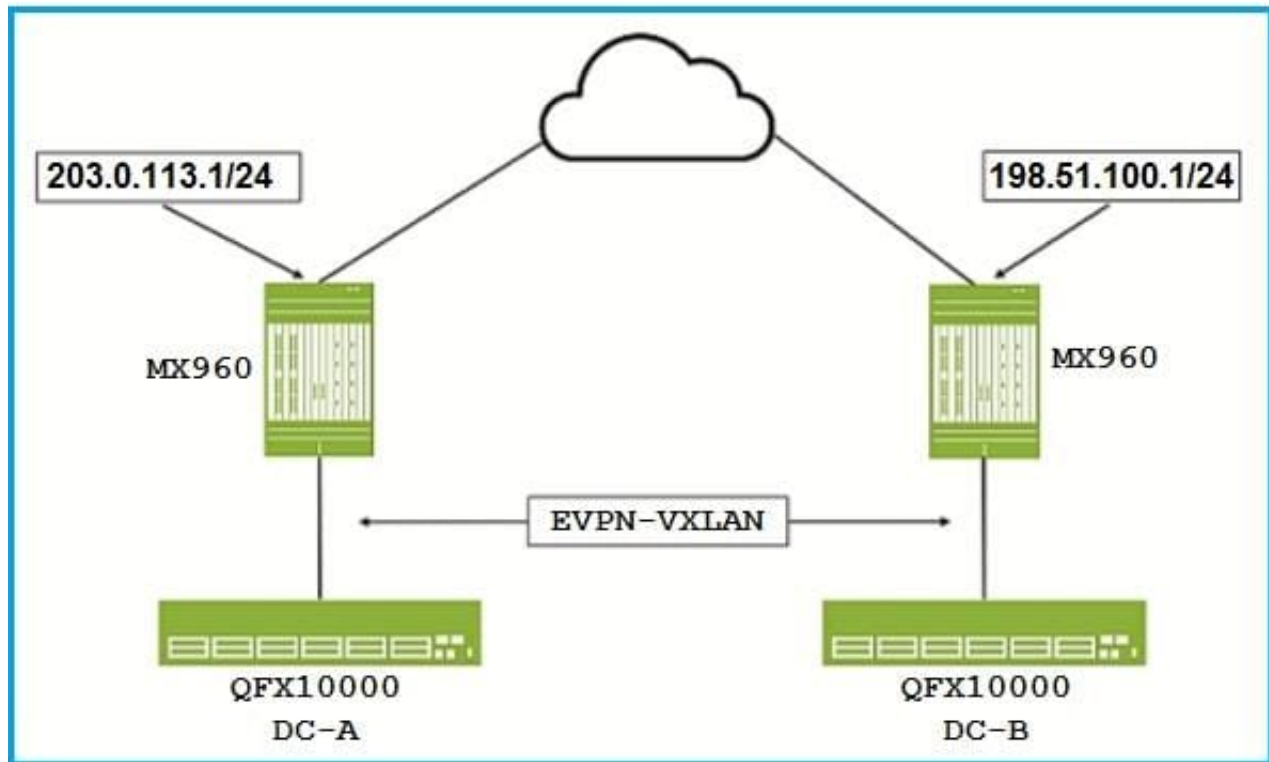
In this scenario, which Juniper Networks solution would accomplish this task?

- A. Juniper Secure Analytics
- B. Junos Space
- C. Contrail Cloud
- D. Contrail Insights

Correct Answer: B

**QUESTION 12**

Click the Exhibit button.



You are designing a Data Center Interconnect to transport VXLAN traffic between DC-A and DC-B.

Which two technologies will allow the MX Series routers to transport the VXLAN packets over the WAN, as shown in the

exhibit? (Choose two.)

- A. Layer 2 VPN
- B. Layer 3 VPN
- C. VPLS
- D. IP routing

Correct Answer: BC

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**QUESTION 13**

You are designing a large IP fabric and must determine if you should use IBGP or EBGP to signal your underlay.

Which statement is correct in this scenario?

- A. EBGP will require that an IGP is also configured for load balancing.
- B. EBGP will require a full mesh on all devices for load balancing.
- C. EBGP will require that you include the add-path feature for load balancing.
- D. EBGP will require that you include the multipath and multiple-as features for load balancing.

Correct Answer: C

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**QUESTION 14**

Which statement is correct about end-of-row (EoR) access switch designs when compared to top-of-rack (ToR) designs?

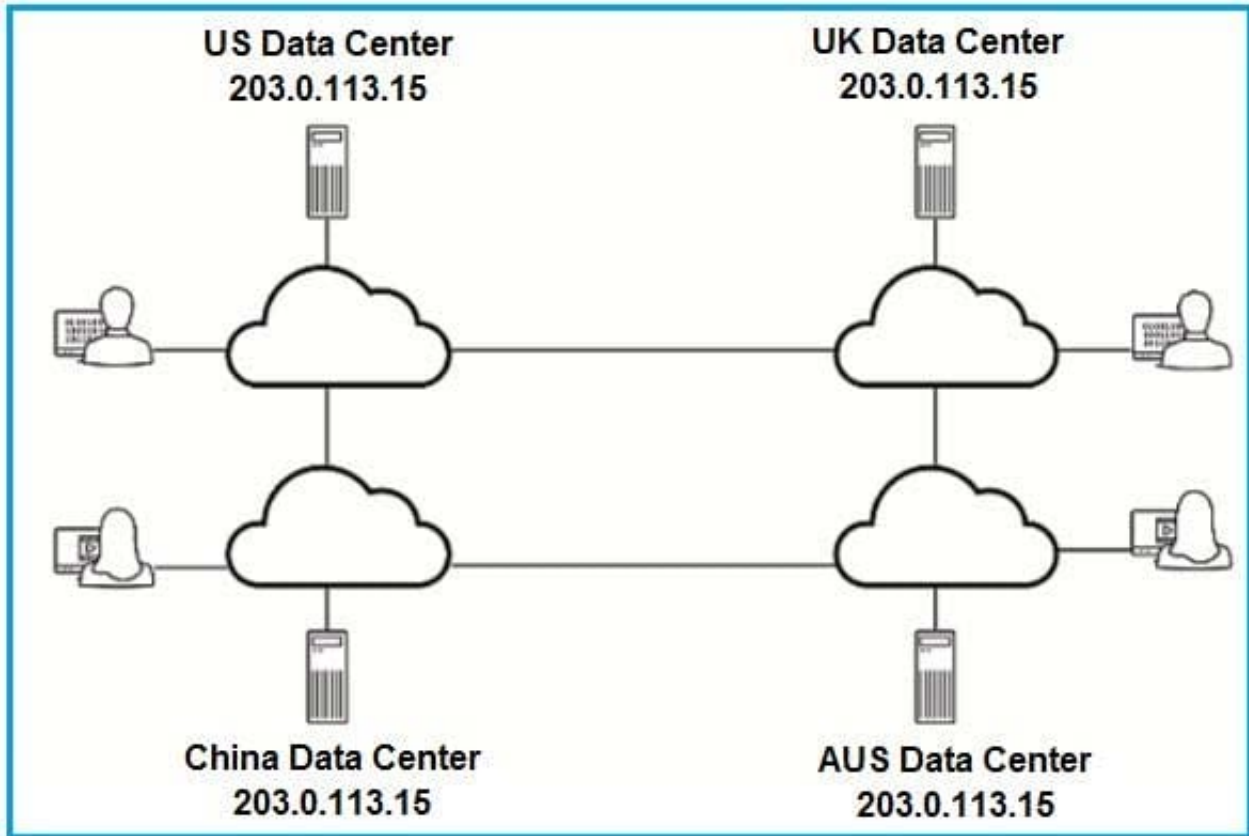
- A. Large EoR designs provide more flexibility for connection types.
- B. EoR designs require fewer cable connections to all servers.
- C. EoR designs typically provide fewer access devices to manage.
- D. Large EoR designs minimize the overall cable length required to connect to all servers.

Correct Answer: C

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**QUESTION 15**

Click the Exhibit button.



Which two statements about the redundancy design shown in the exhibit are true? (Choose two.)

- A. User traffic must be policy-routed to the active data center.
- B. Multicast IP addressing is in use.
- C. Inter-server traffic must use an alternate IP address.
- D. Anycast IP addressing is in use.

Correct Answer: CD

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