



# JN0-1301<sup>Q&As</sup>

Data Center Design, Specialist (JNCDS-DC)

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### QUESTION 1

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

Correct Answer: B

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### QUESTION 2

You are designing an IP fabric using EBGp.

In this scenario, what are two ways of designing the ASN scheme for the IP fabric? (Choose two.)

- A. Assign the same ASN to all devices.
- B. Assign the ASN to all leaf devices and a separate ASN to all spine devices.
- C. Assign a unique ASN to each individual device.
- D. Assign the same ASN used by the WAN service provider to the spine devices.

Correct Answer: CD

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### QUESTION 3

Two data centers need to be connected for application and server mobility. An MPLS pseudowire is going to facilitate the necessary connectivity.

This pseudowire will extend between which two types of network devices?

- A. PE to CE
- B. PE to P
- C. PE to PE
- D. CE to CE

Correct Answer: C

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#### QUESTION 4

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.

Correct Answer: AC

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#### QUESTION 5

You are creating a design proposal and deciding whether to use 10 GbE copper or 10GbE fiber cabling to connect your ToR switches to the servers.

Which statement is correct regarding this scenario?

- A. Fiber has a lower power consumption on a per-port basis.
- B. Copper cabling requires special transceivers for different speeds.
- C. Fiber is much cheaper to purchase but has a higher long-term cost.
- D. Copper will allow you to reach the greatest distance between devices.

Correct Answer: A

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#### QUESTION 6

What are two methods used to protect the data center perimeter? (Choose two.)

- A. session authentication
- B. DDoS protection
- C. asset classification
- D. network subnetting

Correct Answer: AB

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#### QUESTION 7

You are designing a DCI strategy. You must provide a solution that meets the requirements shown below:

-sub 50 ms failover to alternate path -supports L2 and L3 VPNs -supports traffic engineered paths



Which technology would satisfy the requirements?

- A. MPLS
- B. GRE
- C. BGP
- D. IPsec

Correct Answer: A

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#### QUESTION 8

Your company is deploying a private cloud based on OpenStack and has selected Contrail Networking as their SDN controller. Which statement is true in this scenario?

- A. All bare-metal servers must run a vSRX instance for overlay tunneling.
- B. All virtualized servers must run a vSRX instance for overlay tunneling
- C. All bare-metal server must run a vRouter for overlay tunneling
- D. All virtualized servers must run a vRouter for overlay tunneling

Correct Answer: BC

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#### QUESTION 9

Clos architectures are based on which network topology?

- A. ring
- B. VLANs
- C. hybrid
- D. spine and leaf

Correct Answer: D

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#### QUESTION 10

You are designing an IP fabric using IBGP as your underlay.

In this scenario, which statement is correct?

- A. Confederations are not allowed in an IBGP IP traffic.
- B. Route reflectors should be implemented on your spine devices.



- C. IBGP ensures that traffic will be load balanced by default.
- D. You must ensure that you have a full mesh with all devices.

Correct Answer: B

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#### QUESTION 11

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

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#### QUESTION 12

Which two statements are correct about a VCF deployment? (Choose two.)

- A. You are allowed up to four spine devices.
- B. The fabric is managed as a single logical device.
- C. An EX4300 switch must be deployed as a spine device.
- D. You must deploy a QFX5100 as a leaf device.

Correct Answer: AB

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#### QUESTION 13

What are two industry-standard high availability features used in data centers? (Choose two.)

- A. IPFIX
- B. separation of control and forwarding planes
- C. graceful restart
- D. Bidirectional Forwarding Detection

Correct Answer: BD

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#### QUESTION 14

You want to provide Layer 2 connectivity to a backup data center or to a disaster recovery site. What would you use to accomplish this task?

- A. Data Center Interconnect
- B. network redundancy
- C. SDN
- D. SAN protocols

Correct Answer: A

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#### QUESTION 15

You plan to deploy a set of SRX Series devices in an active/passive chassis cluster with an active/passive network infrastructure. Which two statements are true in this scenario? (Choose two.)

- A. End-host traffic is serviced through both SRX nodes during non-failure conditions.
- B. End-host traffic is serviced through one SRX node during non-failure conditions.
- C. In non-failure conditions, the end-host traffic across the fabric link is present.
- D. In non-failure conditions, the end-host traffic across the fabric link is eliminated.

Correct Answer: BD

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