



**Cisco**

**Exam Questions 300-610**

Designing Cisco Data Center Infrastructure (DCID)

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#### NEW QUESTION 1

Refer to the exhibit.

What must be the default gateway of the servers in EPG Web?

- A. subnet address of BD1
- B. subnet address of L3Out
- C. subnet address of BD2
- D. NAT appliance

**Answer:** D

#### NEW QUESTION 2

Which two types of service profile templates does Cisco UCS support? (Choose two.)

- A. initial
- B. permanent
- C. updating
- D. temporary
- E. connected

**Answer:** AC

#### NEW QUESTION 3

The management of the Cisco Nexus switches is provided over an isolated out-of-band network. The VDC feature is configured on the Cisco Nexus core switches. How is out-of-band management access provided for each VDC?

- A. All the VDC have the same out-of-band IP address.
- B. Each VDC has a dedicated out-of-band Ethernet management port.
- C. Each VDC has a unique out-of-band IP address from the same IP subnet.
- D. Each VDC has a unique out-of-band IP address from different IP subnets among VDCs.

**Answer:** C

#### NEW QUESTION 4

Which two configuration methods can be used to deploy QoS to Cisco MDS Series switches? (Choose two.)

- A. zone-based QoS
- B. multiple QoS policies that match individual devices
- C. VSAN-based QoS
- D. FCoE VLAN-based QoS
- E. multiple QoS policies that match multiple devices

**Answer:** AC

#### NEW QUESTION 5

Which element is the main functional component of the architecture that separates the internal fabric and the external network that connects sites when VXLAN EVPN is deployed multisite?

- A. border leaf
- B. service leaf
- C. border gateway
- D. service gateway

**Answer:** C

#### NEW QUESTION 6

Drag and drop the Cisco Nexus 7000 Series Switch resources from the left onto the correct groups on the right.

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

#### NEW QUESTION 7

Drag and drop the data center technologies from the left onto the correct descriptions on the right. Not all technologies are used.

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

#### NEW QUESTION 8

What can be implemented on Cisco Nexus 5600 Series Switches for link redundancy within a Fibre Channel fabric?

- A. vPC+
- B. E-Trunk
- C. SAN port channel
- D. LACP port channel

**Answer:** D

#### NEW QUESTION 9

What are two characteristics of VRF-Lite on the Cisco NX-OS platform? (Choose two.)

- A. Layer 3 interfaces can belong to multiple VRFs.
- B. VRF-Lite interfaces can be Layer 2.
- C. Overlapping IP addresses are permitted on different VRFs.
- D. Interfaces that belong to VRFs can be physical or logical.
- E. VRF-Lite interfaces support MPLS.

**Answer:** CD

#### NEW QUESTION 10

Which address pool is used when a vHBA template is created?

- A. MAC
- B. WWPN
- C. IP

D. UUID

**Answer:** B

#### NEW QUESTION 10

Which Cisco HyperFlex feature provides virtual machine-level cost scaling for desktop virtualization growth?

- A. HyperFlex Edge support
- B. encryption offload cards
- C. dedicated compute nodes
- D. fabric interconnects

**Answer:** A

#### NEW QUESTION 12

Which two methods mitigate congestion in a SAN network? (Choose two.)

- A. Configure ER\_RDY to allow splitting of each ISL between switches into separate virtual links.
- B. Use the port-monitor command to detect slow drain devices.
- C. Configure the port channel to enable individual buffer-to-buffer credits.
- D. Configure the port monitor to allow categorization of a specific device as slow.
- E. Configure the flow control for the FC to use R\_RDY.

**Answer:** BD

#### NEW QUESTION 15

Which multicast rendezvous point redundancy mode is valid for Bidirectional PIM?

- A. Embedded RP
- B. Phantom RP
- C. MSDP
- D. PIM anycast RP

**Answer:** D

#### NEW QUESTION 17

An engineer deploys LISP VM mobility. Which feature is configured on the interfaces that have VM mobility enabled?

- A. IP redirects
- B. flow control
- C. proxy ARP
- D. HSRP

**Answer:** C

#### NEW QUESTION 20

What is a design consideration when implementing FSPF?

- A. Routes are based on the domain ID.
- B. Routes are based on the distance vector protocol.
- C. FSPF runs only on F Ports.
- D. FSPF runs on a per-chassis basis.

**Answer:** A

#### NEW QUESTION 25

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