

Exam Questions 300-610

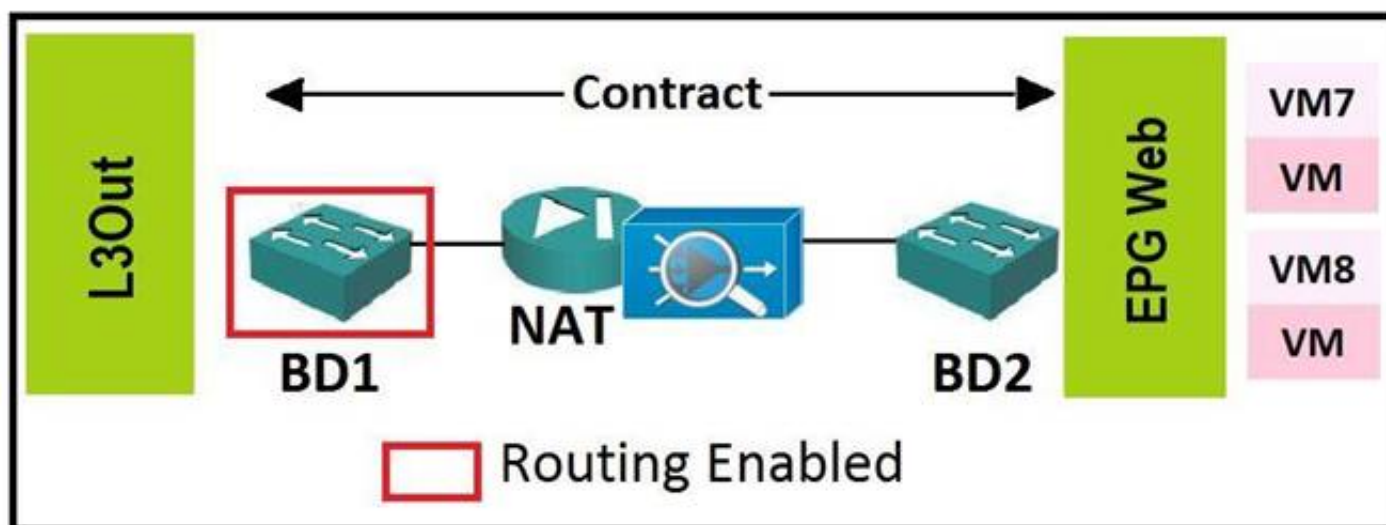
Designing Cisco Data Center Infrastructure (DCID)

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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

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 3

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 4

A Cisco UCS instance has four interfaces on a UCS VIC. Where on the fabric interconnect does each interface terminate?

- A. vPC
- B. virtual interface
- C. port channel
- D. physical port

Answer: B

NEW QUESTION 5

Which type fields can an engineer use to identify an iSCSI participant? (Choose two.)

- A. type
- B. preshared key
- C. port number
- D. identifying tag
- E. hostname

Answer: CE

NEW QUESTION 6

Which type of encoding is used on 8-Gbps links as compared to 10-Gbps links?

- A. 8-Gbps links use 64B/66B encoding, and 10-Gbps links use 8B/10B encoding.
- B. 8-Gbps links use 8B/10B encoding, and 10-Gbps links use 64B/66B encoding.
- C. 8-Gbps links and 10-Gbps links use 8B/10B encoding.

D. 8-Gbps links and 10-Gbps links use 64B/66B encoding.

Answer: B

NEW QUESTION 7

Which mode must be enabled on a Cisco UCS Fabric Interconnect to connect directly to a storage array?

- A. NPIV mode
- B. FC end-host mode
- C. NPV mode
- D. FC switching mode

Answer: D

Explanation:

Section: Storage Network Design

NEW QUESTION 8

Drag and drop the components from the left onto the descriptions on the right that indicate what occurs to Fibre Channel fabric when that component fails.

fabric interconnect	The Fibre Channel fabric fails for all of the connected Cisco UCS chassis.
FEX	The Fibre Channel fabric fails for one Cisco UCS chassis.
FEX link of the fabric interconnect	The Fibre Channel fabric fails for some of the servers within a Cisco UCS chassis.
converged network adapter	The Fibre Channel fabric fails for one server.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

fabric interconnect	converged network adapter
FEX	FEX link of the fabric interconnect
FEX link of the fabric interconnect	fabric interconnect
converged network adapter	FEX

NEW QUESTION 9

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 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

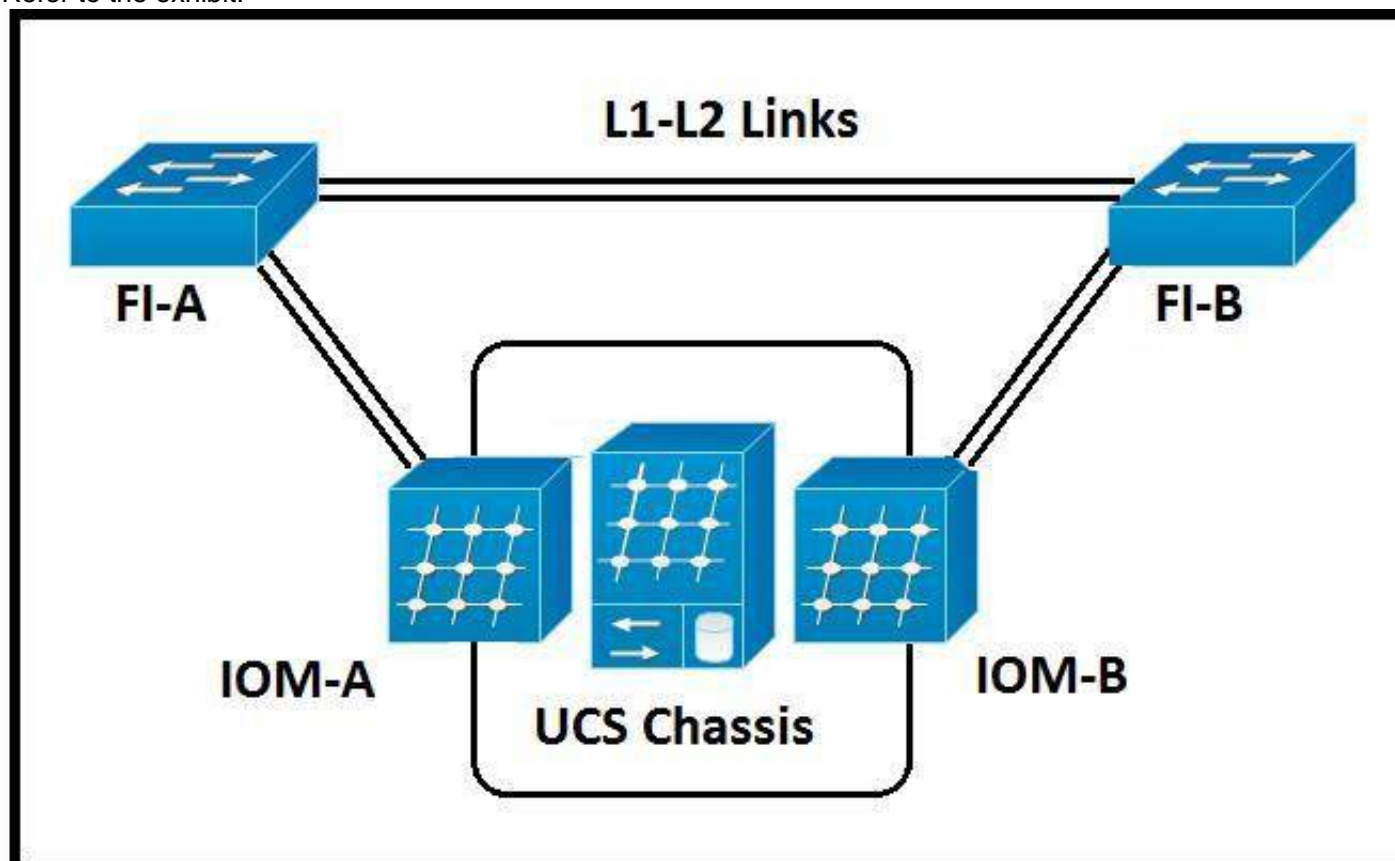
Which Cisco HyperFlex feature provides virtual machine-level cost scaling for desktop virtualization growth?

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

Answer: A

NEW QUESTION 13

Refer to the exhibit.



A Cisco UCS chassis that has two IOMs is discovered. The chassis discovery policy creates a fabric port channel. What is the result of this policy?

- A. Cisco UCS Manager creates two separate fabric port channels.
- B. Cisco UCS Manager creates a single fabric port channel.
- C. The port channel is disabled until an administrator enables it manually.
- D. Each uplink that connects an IOM is configured as a discrete link.

Answer: A

NEW QUESTION 16

Drag the appropriate from the left onto the current UDLD modes of operation on the right.

- Uses STP if UDLD information times out.
- Detects when a port is stuck.
- Disables a port that has a high error rate.
- Allows a port that has a high error rate.

Normal Mode

Aggressive Mode

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

- Uses STP if UDLD information times out.
- Detects when a port is stuck.
- Disables a port that has a high error rate.
- Allows a port that has a high error rate.

Normal Mode

Uses STP if UDLD information times out.

Allows a port that has a high error rate.

Aggressive Mode

Detects when a port is stuck.

Disables a port that has a high error rate.

NEW QUESTION 17

Which two features are provided by deploying an OOB management network in a Cisco Nexus data center? (Choose two.)

- A. Layer 3 path for monitoring purposes
B. Layer 2 path for server traffic
C. Layer 2 path for a vPC peer link
D. Layer 3 path for vPC keepalive packets
E. Layer 3 path for server traffic

Answer: BC

NEW QUESTION 22

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