



Cisco

300-160 Exam

Cisco Designing Cisco Data Center Unified Computing Exam

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Version: 15.0

Question: 1

Which two statements accurately describe a Cisco UCS Fabric interconnect cluster? (Choose two)

- A. The Fabric interconnect cluster uses a Cisco UCS B-Series Blade Server chassis to forward data when the L1-L2 links are down
- B. Only the active Fabric interconnect forwards data traffic
- C. The Fabric interconnect cluster uses a virtual IP address for management connections
- D. When the primary Fabric interconnect node comes up after a failure, the node compares the Cisco UCS system database version to the standby Fabric interconnect
- E. The Fabric interconnect uses L1-L2 links to forward data when the primary Fabric interconnect uplinks are down?

Answer: CD

Explanation:

<https://ucsguru.com/2012/11/07/ha-with-ucsm-integrated-rack-mounts/>

Question: 2

Which statement accurately describes the configuration requirements for disjoint Layer 2 networks on Cisco UCS?

- A. The VLAN IDs must overlap in both Layer 2 domains
- B. The Cisco UCS Fabric Interconnect must be in switch mode
- C. The Cisco UCS Fabric Interconnect must be in end-host mode
- D. All of the uplinks must be in one port channel to keep all of the ports active

Answer: C

Question: 3

which OTV transport mode must an AED router create multiple copies of each control plane packet?

- A. unicast-only
- B. mlticast

- C. anycast
- D. site-to-site

Answer: A

Explanation:

https://www.cisco.com/c/en/us/td/docs/solutions/Enterprise/Data_Center/DCI/whitepaper/DCI3_OTV_Intro/DCI_1

Question: 4

You have a Cisco UCS B-Series chassis. To connect to a blade server by using a remote KVM console, you should connect to the IP address of which component?

- A. IPMI
- B. CMP
- C. CIMC
- D. mgmt0

Answer: C

Explanation:

<https://www.cisco.com/c/en/us/support/docs/servers-unified-computing/integrated-managementcontroller/118367-configure-cimc-00>

Question: 5

DRAG DROP

Designing data center interconnects requires the understanding of the loop avoidance mechanisms. Drag and drop the loop avoidance mechanisms from the left onto the technologies that utilize them on the right.

IS-IS and AED	EoMPLS
split horizon	OTV
multichassis link aggregation	VPLS
IS-IS	FabricPath

Answer:



Question: 6

Which statement describes an interconnect link between an FCoE NPV switch and an FCF switch?

- A. The interconnect must use port type E on the FCoE switch.
- B. The interconnect must use port type NP on the FCoE switch.
- C. The FCoE switch must create the tunnel interface and bind to the physical interconnect.
- D. The interconnect must use port type NP on the FCoE switch.

Answer: B

Explanation:

https://www.cisco.com/en/US/docs/switches/datacenter/nexus5000/sw/mkt_ops_guides/513_n11/n5k_ops_fcoe#wp1169502

Question: 7

Which two options are valid for enabling Layer 3 control between Cisco Nexus 1000V Series VSM and VEM? (Choose two)

- A. a virtual Ethernet interface
- B. a VMware vCenter virtual machine virtual interface
- C. a dedicated control interface
- D. a dedicated packet interface
- E. an out-of-band management interface

Answer: CE

Explanation:

<https://adamraffe.com/2013/02/27/nexus-1000v-layer-3-control-for-vsm-to-vem/>

Question: 8

You plan to extend the Layer 2 domain by using OTV in multicast mode. What must you consider?

- A. The same site ID must be used on all of the edge devices on all of the sites

- B. The join interface must run IGMPv3
- C. The site OTV VLAN must be the same on all of the AED routers on all of the sites.
- D. The OTV site VLAN must be extended over the overlay.

Answer: B

Explanation:

https://www.cisco.com/c/en/us/td/docs/switches/datacenter/sw/nx-os/OTV/quick_start_guide/b-Cisco-

Nexus-7000-Series-OTV-QSG

Question: 9

Which two platforms support the FCoE protocol? (Choose two)

- A. Cisco Nexus 7010 Series
- B. Cisco Nexus 2248TP Series
- C. Cisco MDS 9148S Series
- D. Cisco MOS 9222i Series
- E. Cisco Nexus 2332TQ Senes

Answer: AE

Explanation:

<https://www.cisco.com/c/en/us/products/collateral/switches/nexus-2000-series-fabric-extenders/datasheetc78->

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Question: 10

Which two features are supported by VXLAN on the Cisco NX-OS platform? (choose two)

- A. DHCP snooping
- B. L2TP
- C. MP-BGP EVPN
- D. OTV
- E. PIM-SM

Answer: CE

Explanation:

https://www.cisco.com/c/en/us/td/docs/switches/datacenter/sw/nx-os/vxlan/configuration/guide/b_NXOS

VXLAN_Configuration_Guide/configuring_vxlan_flood_and_learn

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