

➤ **Vendor: Cisco**

➤ **Exam Code: 300-610**

➤ **Exam Name: Designing Cisco Data Center Infrastructure (DCID)**

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QUESTION 38

You plan to configure LISP between two data centers. Which two LISP components must be configured? (Choose two.)

- A. VTEP
- B. the site identifier
- C. a map resolver
- D. a map server
- E. VNI

Answer: CD

Explanation:

http://www.cisco.com/c/en/us/td/docs/ios-xml/ios/iproute_lisp/configuration/xs-3s/irl-xe-3s-book/irl-cfg-lisp.html

QUESTION 39

You must design an OTV implementation that supports packets fragmentation. Which option do you use?

- A. adjacency server to track the overlay membership
- B. OTV headers defined to allow core to hash traffic
- C. Cisco ASR 1000 Series Aggregation Services Router that has Advanced IP Services
- D. MTU size of 9216 bytes on all the join interfaces

Answer: C

QUESTION 40

Which statement accurately describe the allocation of IP pool for out of Band management of cisco?

- A. A maximum of eight OOB IP address can be configure to access the CIMC on the server
- B. The management IP address used to access CIMC on a server can be out of band address the inter connect via the fabric uplink port
- C. A maximum of Sixteen OOB IP address can be configure to access the CIMC on the server
- D. The management IP address used to access CIMC on a server can be out of band address the inter connect via the Management port

Answer: B

QUESTION 41

Which two vSphere features must be included in the design of a Cisco HyperFlex systems stretched cluster? (Choose two.)

- A. HA

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- B. VSS
- C. FT
- D. VDP
- E. DRS

Answer: AE

Explanation:

https://www.cisco.com/c/en/us/td/docs/hyperconverged_systems/HyperFlex_HX_DataPlatformSoftware/HyperFlex_Stretching_Cluster/3_5/b_HyperFlex_Systems_Stretching_Cluster_Guide_3_5.pdf

QUESTION 42

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

QUESTION 43

Which factor determines the choice of platform designing a Cisco HyperFlex infrastructure to support computer-aided design applications?

- A. network speed
- B. GPU support
- C. storage capacity
- D. processor count

Answer: C

QUESTION 44

What is the disadvantage of asynchronous storage replication as compared to synchronous storage replication in a disaster recovery design?

- A. reduction in application performance
- B. distance limitations
- C. specific backup requirements
- D. potential data loss

Answer: D

Explanation:

<https://www.evidian.com/products/high-availability-software-for-application-clustering/synchronous-replication-vs-asynchronous-replication/>

QUESTION 45

Where does Cisco UCS handle Fibre Channel traffic failover?

- A. on a Cisco UCS Fabric Interconnect ASIC in Fibre Channel switching mode
- B. on the host, by using multipathing software
- C. in the hardware on the Cisco UCS VIC 12xx adapter or later
- D. in the hardware on any Cisco UCS VIC adapter

Answer: B

Explanation:

https://www.cisco.com/c/en/us/solutions/collateral/data-center-virtualization/unified-computing/whitepaper_c11-701962.html

QUESTION 46

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:

https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/ucs-manager/GUI-User-Guides/Storage-Mgmt/3-1/b_UCSM_GUI_Storage_Management_Guide_3_1/b_UCSM_GUI_Storage_Management_Guide_3_1_chapter_01110.html

QUESTION 47

Which two naming formats identify target or initiator iSCSI nodes? (Choose two.)

- A. WWPN
- B. EUI
- C. IQN
- D. WWN
- E. OUI

Answer: CD

Explanation:

https://www.cisco.com/en/US/docs/storage/san_switches/mds9000/sw/rel_3_x/configuration/guides/cli_3_3_1/ciscsi.html

QUESTION 48

What influences the number of ISLs that are required between Cisco MDS Series switches?

- A. FCoE protocol
- B. type of storage
- C. end-to-end oversubscription ratio
- D. N Port virtualization

Answer: C

Explanation:

<https://www.cisco.com/c/en/us/products/collateral/storage-networking/mds-9700-series-multilayer-directors/white-paper-c11-729697.html>