

➤ **Vendor: Cisco**

➤ **Exam Code: 300-610**

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

➤ **New Updated Questions from [Braindump2go](#) (Updated in [April/2020](#))**

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QUESTION 34

Which two statements describe Ethernet switching mode on Cisco UCS 6100 Series Fabric Interconnects? (Choose two.)

- A. STP runs on the uplink ports of each VLAN, as defined by PVSTP+.
- B. STP runs on the uplink ports of each VLAN, as defined by MSTP.
- C. The STP parameter configuration is unsupported.
- D. The STP parameter configuration is supported.
- E. STP runs on the server ports.

Answer: AC

Explanation:

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

QUESTION 35

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

Explanation:

<https://www.cisco.com/c/dam/en/us/products/collateral/servers-unified-computing/ucs-6300-series-fabric-interconnects/cisco-unified-fabric.pdf>

QUESTION 36

Drag and Drop Question

Drag and drop the feature descriptions from the left onto the correct UCS Fabric Interconnect modes on the right.

Links are active-active.
MAC address learning occurs on the uplink ports.
STP runs on the uplink ports.
This is the default mode of operation.

End-Host Mode
Switch Mode

Answer:

End-Host Mode
Links are active-active.
MAC address learning occurs on the uplink ports.
Switch Mode
STP runs on the uplink ports.
This is the default mode of operation.

Explanation:

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

QUESTION 37

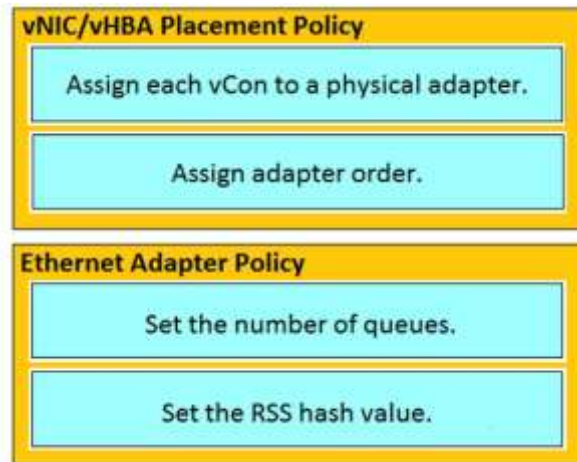
Drag and Drop Question

Drag and drop the configurations from the left onto the correct policies on the right.

Set the number of queues.
Set the RSS hash value.
Assign each vCon to a physical adapter.
Assign adapter order.

vNIC/vHBA Placement Policy
Ethernet Adapter Policy

Answer:

**Explanation:**

https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/sw/gui/config/guide/2-2/b_UCSM_GUI_Configuration_Guide_2_2/configuring_network_related_policies.html#task_7F03A03C719A4A44B8ACFAD73AADC73C

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/xr-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

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

- A. HA
- 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_Stretched_Cluster/3_5/b_HyperFlex_Systems_Stretched_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/>