

➤ **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 1

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

Explanation:

https://www.cisco.com/c/en/us/td/docs/switches/datacenter/mds9000/sw/7_3/configuration/qos/cisco_mds9000_qos_configuration_guide/configuring_qos.html

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

Explanation:

https://www.cisco.com/en/US/docs/unified_computing/ucs/sw/gui/config/guide/141/UCSM_GUI_Configuration_Guide_141_chapter28.html#concept_C9D27CE2AA1245EA976DAA79F5BC6808

QUESTION 3

Which pools are used when a vNIC template is created in Cisco UCS Manager?

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

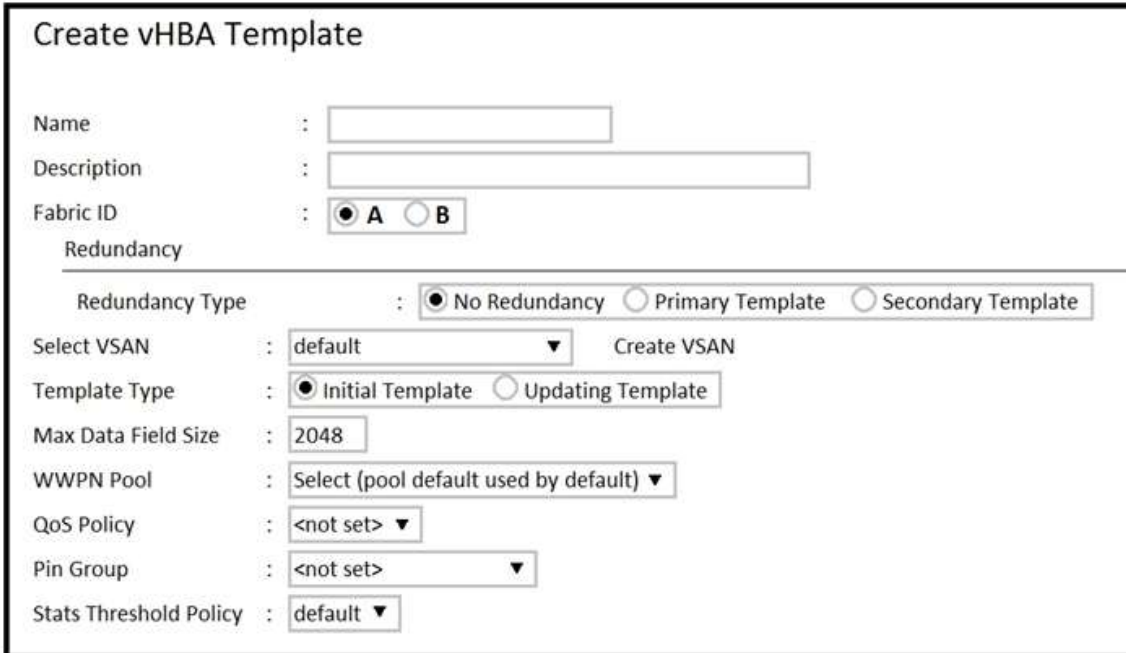
Answer: C

Explanation:

https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/ucs-manager/GUI-User-Guides/Network-Mgmt/3-1/b_UCSM_Network_Mgmt_Guide_3_1/b_UCSM_Network_Mgmt_Guide_3_1_chapter_0111.html

QUESTION 4

Refer to the exhibit. Which template is used when a vHBA template pair is created for a specific server that inherits its attributes from an existing template?



- A. Secondary
- B. Initial
- C. Updating
- D. Primary

Answer: B

QUESTION 5

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

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

Answer: B

Explanation:

https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/sw/gui/config/guide/2-1/b_UCSM_GUI_Configuration_Guide_2_1/b_UCSM_GUI_Configuration_Guide_2_1_chapter_011010.html

QUESTION 6

What are two functions of a Network Services Orchestrator in an NFV environment? (Choose two.)

- A. It operates at the resource-facing services layer and provides overall lifecycle management at the network service level.
- B. It provides an API-based northbound interface for transparent integration with systems that operate at the resource-facing services layer.
- C. It provides a standards-based southbound interface for transparent integration with systems that operate at the customer-facing services layer.
- D. It provides a standards-based northbound interface for transparent integration with systems that operate at the customer-facing services layer.

- E. It operates at the customer-facing services layer and provides the management interface for the virtual network devices.

Answer: AB

Explanation:

https://www.cisco.com/c/en/us/td/docs/net_mgmt/msx/3_4/solution_overview/Cisco_VMS_Sol_Overview.pdf

QUESTION 7

Which feature provides a sandbox to convert NX-OS CLI commands to REST-based scripts on Cisco Nexus 7700 Series Switches?

- A. NX-API
- B. Postman
- C. Bash shell
- D. Guest shell

Answer: A

Explanation:

https://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus9000/sw/7-x/programmability/guide/b_Cisco_Nexus_9000_Series_NX-OS_Programmability_Guide_7x/b_Cisco_Nexus_9000_Series_NX-OS_Programmability_Guide_7x_chapter_010010.html

QUESTION 8

Drag and Drop Question

A failure occurs on the network between two BFD and OSPF neighbors. Drag and drop the protocol actions from the left into the correct order on the right.

BFD notifies the local OSPF process that the BFD neighbor is no longer reachable.	step 1
If an alternate path is available, routers immediately start converging on it.	Step 2
The BFD neighboring session with the OSPF peer is terminated.	Step 3
The local OSPF process tears down the OSPF neighbor relationship.	Step 4

Answer:

The BFD neighboring session with the OSPF peer is terminated.
BFD notifies the local OSPF process that the BFD neighbor is no longer reachable.
The local OSPF process tears down the OSPF neighbor relationship.
If an alternate path is available, routers immediately start converging on it.

Explanation:

https://www.cisco.com/c/en/us/td/docs/ios/12_0s/feature/guide/fs_bfd.html#wp1238898

QUESTION 9

Drag and Drop Question

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

Uses STP if UDLD information times out.	Normal Mode <div></div> <div></div>
Detects when a port is stuck.	
Disables a port that has a high error rate.	Aggressive Mode <div></div> <div></div>
Allows a port that has a high error rate.	

Answer:

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.

Explanation:<https://www.cisco.com/c/en/us/support/docs/lan-switching/spanning-tree-protocol/10591-77.html>**QUESTION 10**

Which statement about Cisco UCS fabric interconnects running in end host mode is true?

- A. Broadcast and multicast can be received on all of the uplinks.
- B. vPC-connected uplinks will forward on all of the paths.
- C. Fabric Interconnects participate in the spanning tree.
- D. Only downstream MAC addresses are stored in the CAM table.

Answer: D**QUESTION 11**

In virtual machine mobility architectures, which technical issue is LISP implemented to resolve?

- A. data center VLAN extension
- B. flooding of unknown unicast traffic across the WAN
- C. multicast limitations in the WAN
- D. suboptimal traffic flow between data centers

Answer: D