NS0-173 Q&As

Cisco and NetApp FlexPod Design Specialist

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QUESTION 1

You want to deploy a FlexPod Datacenter solution based on the minimum hardware requirements.

Which three components must be deployed in highly available pairs to accomplish this task? (Choose three.)

A. Cisco USC Nexus Switches

B. Cisco UCS 5108 Chassis

C. NetApp FAS Storage Controllers

D. Cisco APICs

E. Cisco UCS Fabric Interconnects

Correct Answer: BCE

QUESTION 2

A customer is planning to use a pair of MDS switches in a FlexPod design to host a few SAN workloads.

In this scenario, which two features should be enabled on the MDS switches for a successful configuration? (Choose two.)

A. NPIV

B. NPV

C. port-channel-trunk

D. fport-channel-trunk

Correct Answer: AC

QUESTION 3

A client has a requirement to set up a FlexPod Datacenter with the NetApp fabric MetroCluster architecture. You want to enable connectivity between the deployments.

In this design, which two components are required to accomplish this task? (Choose two.)

A. Cisco Nexus 7000 switches

B. Cisco Nexus 3000 switches

C. Cisco MDS 9300 switches

D. Cisco Nexus 9000 switches

Correct Answer: AD

Reference: https://www.netapp.com/media/12434-nva-0030-design.pdf

QUESTION 4

An administrator decides to connect storage directly to UCS Fabric Interconnect to support FCoE within a FlexPod configuration.

In this scenario, which port type should be defined on the Fabric Interconnect ports that are connected to the storage controller?

A. monitor port

B. appliance port

C. uplink port

D. server port

Correct Answer: C

QUESTION 5

A customer is planning to deploy a FlexPod solution for a large scale SAN requirement that uses the FC protocol. The customer plans to use Smart Zoning in the configurations to reduce the number of TCAM entries in the zoning process.

In this scenario, which design would enable the customer to use Smart Zoning?

A. storage connected to Cisco Nexus 9000 Series switches

B. storage connected to Cisco Nexus 5000 Series switches

C. storage connected to Cisco MDS switches

D. storage directly connected to Cisco UCS Fabric Interconnects

Correct Answer: C

Reference: https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/UCS_CVDs/flexpod_datacenter_vmware_netappaffa_design.html#_Toc23952741

QUESTION 6

Which command would a FlexPod administrator use to determine whether an FC initiator has logged on to the fabric?

A. MDS9148>show fcfwd

B. MDS9148>show fcdomain

C. MDS9148>show fcc

D. MDS9148>show flogi database

Correct Answer: D

Reference: https://www.ciscolive.com/c/dam/r/ciscolive/us/docs/2017/pdf/BRKDCN-1121.pdf

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QUESTION 7

You are configuring Cisco UCS servers for FC SAN boot and want to perform zoning on your Cisco Nexus 5000 series switches.

In this scenario, which statement is correct?

A. The corresponding FC ports on your NetApp storage array must be configured in LACP mode.

B. An iSCSI license on the NetApp storage controller is required.

C. SAN links are required between the Cisco Fabric Interconnects and the Nexus 5000 switches.

D. FC zoning on the Nexus series switches is not supported; zoning can be done only on the Cisco Fabric Interconnects.

Correct Answer: D

Reference: 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/b_UCSM_GUI_Configuration_Guide_2_2_chapter_011011.html

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QUESTION 8

A customer wants to deploy FlexPod for a VDI solution with 10,000 users, each with 10 GB of storage allocated.

To support this configuration, which three components must be sized? (Choose three.)

A. the NetApp AFF storage

B. the fabric interconnect ports

C. the 1GbE ports from user systems

D. the Cisco UCS servers

E. the optical cable length

Correct Answer: BCD

QUESTION 9

An architect is designing a FlexPod environment with Cisco Nexus 5000 switches to SAN boot all of the ESXi hosts over FC.

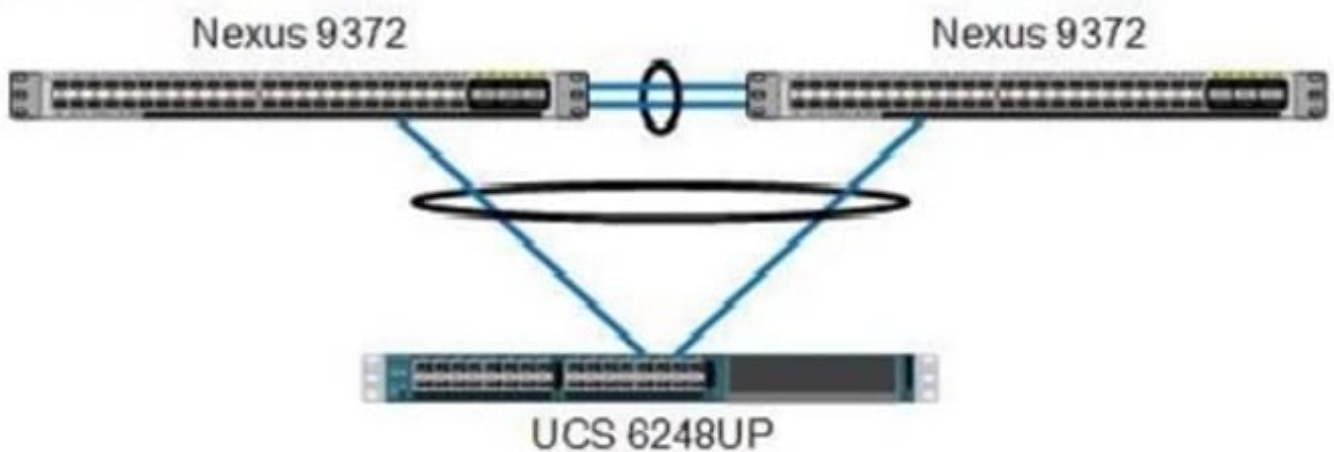In this scenario, what should the LUN ID number be?

A. LUN 2

B. LUN 3

C. LUN 0

D. LUN 1

Correct Answer: C

Reference: https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/UCS_CVDs/flexpod_50_M3.html

QUESTION 10

Click the Exhibit button.

Referring to the exhibit, what is the name given to the link between the two Cisco Nexus switches?

A. vPC Domain ID

B. vPC peer domain

C. vPC peer link

D. vPC peer connection

Correct Answer: C

Reference: https://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus5000/sw/
layer2/503_n2_1/503_n2_1nw/Cisco_n5k_layer2_config_gd_rel_503_N2_1_chapter8.html

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