

# NS0-173<sup>Q&As</sup>

Cisco and NetApp FlexPod Design Specialist

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**QUESTION 1**

Which port type would you configure when you connect a chassis to the Cisco Fabric Interconnects?

- A. Ethernet uplink ports
- B. FC storage ports
- C. server ports
- D. appliance ports

Correct Answer: B

Reference: <https://www.netapp.com/media/12424-tr4036.pdf> (16)

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**QUESTION 2**

A customer is designing a FlexPod solution with VMware 6.x in a SAN boot environment using FCoE. The customer has predetermined the WWPN values for the NetApp LIFs and the UCS vHBAs. The customer is now working on the design workflow for the SAN boot process.

In this scenario, which three FlexPod environment objects are required for SAN connectivity? (Choose three.)

- A. NetApp export policies
- B. UCS boot policies
- C. UCS IQN pools
- D. initiator groups
- E. FC zones

Correct Answer: ABC

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**QUESTION 3**

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](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 4

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

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#### QUESTION 5

A FlexPod solution has been configured for iSCSI SAN boot with multiple paths between the server and the storage.

In this scenario, how many initiators (IQNs) per server will need to be added in the corresponding igroup in ONTAP?

- A. three
- B. one
- C. four
- D. two

Correct Answer: C

The initiator group REST API allows you to create, update, delete, and discover initiator groups, and add and remove initiators that can access the target and associated LUNs. Reference: <https://library.netapp.com/ecmdocs/ECMLP2858435/html/resources/igroup.html>

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#### QUESTION 6

When FCoE is configured in a FlexPod environment, which step is required?

- A. Assign a VLAN to the FC Uplink port on the Cisco Fabric Interconnects.
- B. Create a VSAN within service profiles.

- C. Create a VSAN to support FCoE for the FC uplink.
- D. Assign a VSAN to the server uplink port on the Cisco Fabric Interconnects.

Correct Answer: D

Reference: [https://www.cisco.com/c/en/us/td/docs/unified\\_computing/ucs/UCS\\_CVDs/flexpod\\_esxi65u1\\_n9fc.html#\\_Toc24048288](https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/UCS_CVDs/flexpod_esxi65u1_n9fc.html#_Toc24048288)

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#### QUESTION 7

You are configuring a FlexPod system for NAS protocols. You want to ensure that there are multiple paths between the initiators and targets in the solution.

Which two steps will accomplish this task? (Choose two.)

- A. Allow the VLANs over the vPC peer link.
- B. Configure the VLANs in Cisco UCS Manager as Common/Global.
- C. Disable LACP.
- D. Configure the VSANs in the Cisco Nexus 5000 switches.

Correct Answer: BC

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#### QUESTION 8

A customer has a FlexPod Express configuration with a FAS2720 system. The company has opened a new remote location and will purchase a FlexPod Express configuration with a FAS2750 system. The business requires that the data be replicated to the new location.

Which two software applications accomplish this task? (Choose two.)

- A. SnapVault
- B. SnapRestore
- C. SnapMirror
- D. FlexCache

Correct Answer: CD

FlexClone: Instant virtual copies with file and volume granularity SnapMirror: Integrated data replication technology for simple, efficient, flexible disaster recovery and backup use cases

Reference: <https://www.inneo.ch/files/content/Informationstechnologien/Storage-Server-Netzwerk/datenblatt-netapp-fas-2700-storage.pdf>

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#### QUESTION 9

Your customer has a FlexPod solution with a 2-node switchless ONTAP system, Cisco Nexus 93108 switches, and Cisco UCS B-Series servers. The customer wants to expand to a 4-node ONTAP storage cluster.

Which configuration is valid for expansion?

- A. Use the existing Nexus 93108 switches for the cluster interconnect.
- B. Add two Nexus 3232C switches for the cluster interconnect.
- C. Add two Nexus 93108 switches for the cluster interconnect.
- D. Add one Nexus 3232C switch for the cluster interconnect.

Correct Answer: B

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#### QUESTION 10

A customer is investigating options for implementing a FlexPod Datacenter solution that is using vSphere

6.x.

A.

Cisco Cloud Center documentation

B.

Cisco Validated Design documents

C.

VMware vSAN documentation

D.

NetApp Technical Report

Correct Answer: BD

In this scenario, which two resources would be important to review? (Choose two.)

Reference: [https://www.cisco.com/c/en/us/td/docs/unified\\_computing/ucs/UCS\\_CVDs/flexpod\\_esxi60\\_n9k.html](https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/UCS_CVDs/flexpod_esxi60_n9k.html)

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