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## Cisco and NetApp FlexPod Design Specialist

Netapp NS0-173

Version Demo

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## QUESTION NO: 1

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

**ANSWER: C**

### Explanation:

Reference: [https://www.cisco.com/c/en/us/td/docs/unified\\_computing/ucs/UCS\\_CVDs/flexpod\\_50\\_M3.html](https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/UCS_CVDs/flexpod_50_M3.html)

## QUESTION NO: 2

Your customer has a FlexPod implementation and wants to use life-cycle management to validate, monitor, and optimize the FlexPod infrastructure.

In this situation, which management tool should your customer use?

- A. NetApp OnCommand Unified Manager
- B. NetApp Converged System Advisor
- C. Cisco UCS Manager
- D. Cisco UCS Director

**ANSWER: D**

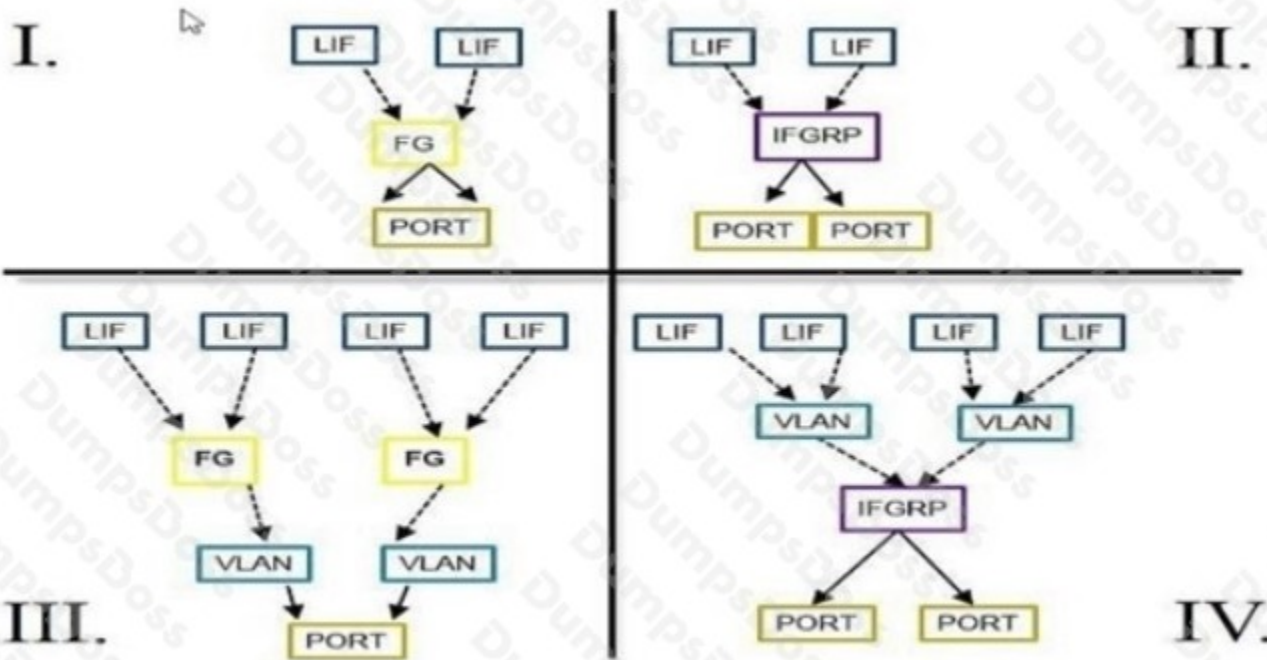
### Explanation:

Cisco UCS Director can be an integral companion for FlexPod because it allows holistic management through centralized automation and orchestration from a single, unified view. When FlexPod and Cisco UCS Director are combined, IT can shift time and focus from managing infrastructure to delivering new service innovation. Used together, FlexPod and Cisco UCS Director deliver:

Reference: <https://www.netapp.com/media/16859-tr-3884.pdf>

**QUESTION NO: 3**

Click the Exhibit button.



A customer wants to ensure that FlexPod Datacenter connections to the storage layer are highly available. Which two configurations shown in the exhibit satisfy the customer’s requirements? (Choose two.)

- A. I.
- B. II.
- C. III.
- D. IV

**ANSWER: C D**

**QUESTION NO: 4**

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

**ANSWER: C D**

### Explanation:

- 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>

## QUESTION NO: 5

A customer with a FlexPod Express configuration is currently operating Linux servers. The company wants to move to a Windows-centralized access method for the NetApp storage component.

In this scenario, which two ONTAP features must be configured? (Choose two.)

- A. Active Directory security model
- B. SVM with the SMB protocol enabled
- C. Workgroup security model
- D. SVM with the NFS protocol enabled

**ANSWER: A B**

## QUESTION NO: 6

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

**ANSWER: A D**

### Explanation:

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

## QUESTION NO: 7

A FlexPod administrator is building a WWN pool for a server that has 33 ports.

In this scenario, what is the smallest size possible for the pool?

- A. 33
- B. 34
- C. 68
- D. 66

**ANSWER: D**

## QUESTION NO: 8

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.

**ANSWER: D**

### Explanation:

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)

## QUESTION NO: 9

You are designing a FlexPod solution with a 2-node storage system, multiple compute chassis, and ACI.

In this scenario, which two network switches are required? (Choose two.)

- A. leaf switch
- B. core switch
- C. cluster interconnect switch

D. spine switch

**ANSWER: A D**

**Explanation:**

Reference: <https://www.cisco.com/c/en/us/solutions/collateral/data-center-virtualization/application-centric-infrastructure/white-paper-c11-737909.html>

**QUESTION NO: 10**

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

**ANSWER: C**

**Explanation:**

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>