

NS0-173^{Q&As}

Cisco and NetApp FlexPod Design Specialist

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QUESTION 1

Two data centers are 75km apart. The customer wants to deploy a FlexPod solution in each data center to maintain high availability between the two sites with minimal possible data loss.

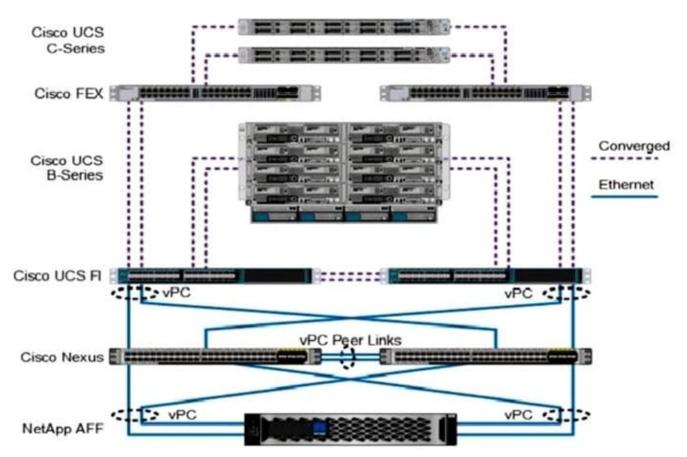
In this scenario, which technology would you use at the NetApp storage layer?

- A. MetroCluster
- B. SnapMirror
- C. SnapVault
- D. FlexArray
- Correct Answer: A

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

QUESTION 2

Click the Exhibit button.



You are designing a FlexPod Datacenter solution for Microsoft Windows 2012 with Hyper-V. All hosts will boot from the



SAN, including management hosts. The management hosts are Cisco C-Series servers.

Referring to the exhibit, which adapters are required to boot the management servers from the SAN?

- A. two 1GbE NICs
- B. two 10GbE CNAs
- C. two 10GbE NICs
- D. two 8Gb HBAs

Correct Answer: C

QUESTION 3

A customer wants to deploy a performance-sensitive workload while leveraging NetApp Snapshot technology and technologies such as NAS and SAN.

Which architecture satisfies these requirements?

- A. NetApp StorageGRID
- B. NetApp SolidFire
- C. NetApp EF-Series
- D. NetApp AFF
- Correct Answer: B

Reference: https://www.netapp.com/media/10608-tr-4636.pdf

QUESTION 4

What are characteristics of the Cisco UCS 5108 blade chassis?

- A. 4 RU, 6 half-width UCS B-Series blades, 160 Gbps I/O bandwidth
- B. 6 RU, 8 half-width UCS B-series blades, 160 Gbps I/O bandwidth
- C. 6 RU, 6 half-width UCS B-series blades, 80 Gbps I/O bandwidth
- D. 4 RU, 8 half-width UCS B-series blades, 40 Gbps I/O bandwidth

Correct Answer: B

Reference: https://www.cisco.com/c/dam/en/us/products/collateral/servers-unified-computing/ucs-b-seriesblade-servers/spec_sheet_c17-644224.pdf



QUESTION 5

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

QUESTION 6

You are configuring high availability within the network layer of your FlexPod configuration.

In this scenario, what are two Cisco best practices for designing vPC on your Cisco 9000 Series switches? (Choose two.)

A. Peer keep-alive connectivity between the switches should be established.

B. A minimum of four 10GB Ethernet connections are required for vPC.

C. The vPC auto-recovery feature should be enabled.

D. Port channels should be configured for LACP passive mode.

Correct Answer: AB

vPC also relies on the periodic keepalive messages to determine when one of the connected devices on the peer link fails. vPC peer link ?The link used to synchronize states between the vPC peer devices. Both ends must be on 10-Gigabit Ethernet or 40-Gigabit Ethernet interfaces. Reference: https://www.cisco.com/ c/en/us/td/docs/switches/datacenter/nexus9000/sw/6-x/interfaces/configuration/guide/ b_Cisco_Nexus_9000_Series_NX-OS_Interfaces_Configuration_Guide/ b_Cisco_Nexus_9000_Series_NX-OS_Interfaces_Configuration_Guide/ b_Cisco_Nexus_9000_Series_NX-OS_Interfaces_00111.html

QUESTION 7

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 8

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

Correct Answer: D

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 9

You are asked to design a FlexPod solution with a Cisco UCS B-Series chassis. There is no requirement for any Cisco UCS C-Series rack servers. You must ensure that there is a minimum of a 2500 VLAN or VSAN capacity per UCS domain.

In this scenario, which Cisco Fabric Interconnects do you select?

A. 6332

- B. 6248
- C. 6296
- D. 6324
- Correct Answer: D

Reference: https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/ucs-manager/CLI-User-Guides/ Storage-Mgmt/3-2/b_CLI_UCSM_Storage_Management_Guide_3_2.pdf

QUESTION 10

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 | | |
| Correct Answer: D | | |

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