



NS0-173^{Q&As}

Cisco and NetApp FlexPod Design Specialist

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QUESTION 1

A customer is designing a FlexPod Datacenter with Cisco UCS C-Series servers. They intend to manage the solution with Cisco UCS Manager. They want to cable the servers to the Cisco UCS Fabric Interconnects.

In this scenario, which three configurations are supported? (Choose three.)

- A. Cluster mode
- B. Direct Connect mode
- C. SingleConnect mode
- D. DualWire Management mode
- E. Multipath mode

Correct Answer: BCD

Dual-wire Management (Shared LOM): Shared LAN on Motherboard (LOM) ports on the rack server are used exclusively for carrying management traffic. A separate cable connected to one of the ports on the PCIe card carries the data traffic. Using two separate cables for managing data traffic and management traffic is also referred to as dual-wire management. SingleConnect (Sideband): Using Network Controller Sideband Interface (NC-SI), the Cisco VIC card connects one cable that can carry both data traffic and management traffic. This feature is referred to as SingleConnect. Direct Connect Mode: Cisco UCS Manager supports an option to connect the Cisco UCS C-Series Rack-Mount Server directly to the FIs. This option enables Cisco UCS Manager to manage the Cisco UCS C-Series Rack-Mount Servers using a single cable for both management traffic and data traffic. The Cisco UCS VIC connects to the FI of the system. This connection uses a single connection from each VIC to each FI.

Reference: https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/c-series_integration/ucsm4-0/b_C-SeriesIntegration_UCSM4-0/b_C-Series-Integration_UCSM4-0_chapter_01.html

QUESTION 2

A customer wants to extend a Layer 2 network over a Layer 3 Nexus 9000 infrastructure. Which Layer 2 overlay scheme accomplishes this task?

- A. STP
- B. vPC
- C. VXLAN
- D. EIGRP

Correct Answer: C

VXLAN tunnels the Layer 2 network over the Layer.

Reference: <https://www.ciscopress.com/articles/article.asp?p=2999385andseqNum=3>



QUESTION 3

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 4

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 5

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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