NS0-175$^{Q\&As}$

Cisco and NetApp FlexPod Design Specialist

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QUESTION 1

Which three cables are allowed to be used between a NetApp cluster node and a Nexus switch for use with a port channel? (Choose three.)

A. seven meter Active Optical Cable (AOC)

B. five meter OM4 fiber optic cable

C. seven meter passive Twinax cable

D. five meter passive Twinax cable

E. seven meter OM4 fiber optic cable

Correct Answer: ABD

QUESTION 2

A customer wants to replace their Cisco UCS 6248UP with the current Cisco UCS 6454. They are currently using six 16 Gbit uplinks per Fabric Interconnect for FC and do not want to change the speed and number of ports used.

In this scenario, what is the minimum number of unified ports that must be configured for FC for a comparable configuration?

A. 8

B. 6

C. 16

D. 12

Correct Answer: A

Reference: https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/ucs-manager/GUI-User-Guides/ Network-Mgmt/4-0/b_UCSM_Network_Mgmt_Guide_4_0/ b_UCSM_Network_Mgmt_Guide_4_0_chapter_0100.html

QUESTION 3

During a design meeting, a customer states that their goal is to deliver continuous availability across both network and storage during business continuity events. The customer has two data centers that are 80 km apart, and they want the configuration to be as logically unified across both sites as possible.

In this scenario, which FlexPod data protection solution achieves this goal?

A. FlexPod with NetApp Cloud Sync

B. FlexPod with NetApp SnapCenter

C. FlexPod with NetApp MetroCluster IP

D. FlexPod with NetApp FabricPool

Correct Answer: C

QUESTION 4

A customer wants to use a Cisco Nexus 93180YC-FX switch to support the FC protocol for booting from SAN without having to deploy additional Cisco 900 Series MDS switches in their FlexPod Datacenter configuration.

In this scenario, what is required for this solution?

A. The customer must enable the FC license on the 93180YC-FX switch

B. The customer must deploy the 93180YC-FX switch as part of a Cisco ACI fabric

C. The customer must directly connect the NetApp AFF system to the Cisco UCS Fabric Interconnects

D. The customer must add an expansion FC module to the 93180YC-FX switch

Correct Answer: C

Reference: https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/UCS_CVDs/ fp_vmware_vsphere_7_0_ontap_9_7.html

QUESTION 5

What are the 1U, rack mountable, Fabric Extenders (FEX) used for in a FlexPod environment?

A. to allow for the UCS C-Series to be connected to the Fabric Interconnects

B. to allow for the UCS S-Series to be connected to the Fabric Interconnects

C. to allow for extra UCS Blade Chassis to use the Fabric Interconnects

D. to allow for the UCS B-Series to be connected to the Fabric Interconnects

Correct Answer: A

QUESTION 6

You are designing a multi-site FlexPod Datacenter solution for a customer using MetroCluster over IP. The design should include a single set of compliant switches for the environment.

Which two features are required to satisfy this requirement? (Choose two.)

A. support for Fibre Channel ports

B. support for an MTU size of 9216

C. support for unified switch ports

D. support for QoS

Correct Answer: AD

QUESTION 7

A customer wants to deploy Cisco Intersight into their FlexPod environment. The customer is using the Cisco Intersight SaaS model.

In this scenario, which two virtual machines are required to support this requirement? (Choose two.)

A. Cisco UCS Fabric Interconnect

B. NetApp Active IQ Unified Manager

C. Cisco Intersight Virtual Appliance

D. NetApp Virtual Storage Console

Correct Answer: BC

Reference: https://www.cisco.com/c/en/us/products/collateral/servers-unified-computing/ucs-x-seriesmodular-system/flex-pod-datacenter-ucs-intersight.html

QUESTION 8

An administrator wants to ensure secure authentication while accessing a NetApp ONTAP system.

In this scenario, which two access methods should be used? (Choose two.)

A. RSH

B. SSH

C. HTTPS

D. HTTP

Correct Answer: AB

Reference: https://www.netapp.com/fr/media/10674-tr4569.pdf

QUESTION 9

You have a customer that wants to deploy a new data center environment and take advantage of server portability. You propose that they use Cisco UCS servers to take advantage of stateless computing operations.

In this scenario, which Cisco UCS feature would help the customer achieve their objective?

A. SEL logs

B. MAC address pools

C. Service Profiles

D. VSANs

Correct Answer: C

Reference: https://community.cisco.com/t5/data-center-documents/what-is-stateless-computing-in-ucs/tap/3116244

QUESTION 10

You want to use Cisco UCS Manager on the Fabric Interconnects to manage attached C-Series servers. Which two connection topologies would satisfy the requirements? (Choose two.)

A. Fabric Interconnects uplinked to Nexus switches

B. Servers directly connected to the Fabric Interconnects

C. Fabric Interconnects uplinked to MDS switches

D. Fabric Interconnects uplinked to Fabric Extenders

Correct Answer: BC

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

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