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Netapp NS0-175

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QUESTION NO: 1

You are designing a FlexPod solution that requires 100GbE connectivity between all components.

In this scenario, what are two NetApp Controller types that would satisfy the requirement? (Choose two.)

- A. NetApp AFF A220
- B. NetApp AFF C190
- C. NetApp AFF A800
- D. NetApp AFF A400

ANSWER: A D

QUESTION NO: 2

A customer has decided to deploy Red Hat OpenShift on a FlexPod solution, based in a published Cisco Validated Design. The customer intends to use the NetApp Trident to attach persistent storage to the customer's containers from the customer's NetApp AFF controllers.

In this scenario, which two storage protocols are supported? (Choose two.)

- A. iSCSI
- B. FC
- C. NFS
- D. SMB

ANSWER: B C

QUESTION NO: 3

A customer is deploying a FlexPod Datacenter and planning to boot from SAN each their UCS blades using the Fibre Channel Protocol.

In this scenario, which three actions would accomplish their objective? (Choose three.)

- A. Use only a pair of Cisco Nexus 9318YC-FX switches
- B. Create an igroup on the NetApp ONTAP storage system with the appropriate IQNs
- C. Use only a pair of Cisco Nexus 9336C-FX2 switches

- D. Use a pair of Cisco MDS 9148T and a pair of Cisco 9336C-FX2 switches together
- E. Create an igroup on the NetApp ONTAP storage system with the appropriate WWPNs

ANSWER: A B E

QUESTION NO: 4

A customer is performing a server refresh of their FlexPod solution to accommodate business growth. The customer is interested in using Cisco C-Series servers, and supporting multiple 40 Gbps link to each server, upgrading from the existing 10 Gbps links.

Which two VICs support these requirements? (Choose two.)

- A. Cisco UCS 1480 VIC
- B. Cisco UCS 1497 VIC
- C. Cisco UCS 1495 VIC
- D. Cisco UCS 1440 VIC

ANSWER: A D

Explanation:

Reference:

https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/UCS_CVDs/flexpod_sap_ucsm40_fcsan_design.html

QUESTION NO: 5

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

ANSWER: B C

Explanation:

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

QUESTION NO: 6

You are creating a FlexPod with a significant AI workload and would like to use NVIDIA's SXM2-based GPUs.

Which Cisco UCS server would you use in this scenario?

- A. Cisco UCS C240 M5
- B. Cisco UCS B200 M5
- C. Cisco UCS C480 ML M5
- D. Cisco UCS C125 M5

ANSWER: C

Explanation:

Reference: https://docs.netapp.com/us-en/flexpod/pdfs/sidebar/FlexPod_Datacenter_Technical_Specifications.pdf

QUESTION NO: 7

A customer plans to decommission a Cisco UCS B-Series server, as part of this action, the customer disassociates the service profile from the currently assigned server.

Which action is performed by UCS Manager in this scenario?

- A. It reboots the primary Fabric Interconnect immediately
- B. It recalculates the power allotment for each blade server within the chassis
- C. It reboots the secondary Fabric Interconnect immediately
- D. It powers down the server

ANSWER: A

Explanation:

Reference: https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/ts/faults/reference/3-1/UCSFaultsErrorsRef_3-1/UCS_SEMs_3-1.html

QUESTION NO: 8

A customer wants to deploy a FlexPod Datacenter solution that supports a secure multitenant design with VMware vSphere 6.x as the hypervisor. The customer wants to ensure that virtual machines are encrypted in transit and at rest and restricted to their specified tenant.

Which component should the customer use to implement this capability?

- A. Cisco TrustSec
- B. NetApp Storage Encryption
- C. NetApp Volume Encryption
- D. VMware vSphere virtual machine encryption

ANSWER: B

QUESTION NO: 9

You want to ensure the uniqueness of the Cisco UCS WWNNs and WWPNNs in the SAN for a FlexPod solution.

In this situation, Cisco recommends using which WWN prefix for all blocks in a pool?

- A. 30:00:00:25:B5:XX:XX:XX
- B. 40:00:00:25:B5:XX:XX:XX
- C. 20:00:00:25:B5:XX:XX:XX
- D. 60:00:00:25:B5:XX:XX:XX

ANSWER: C

Explanation:

Reference: https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/ucs-manager/GUI-User-Guides/Storage-Mgmt/4-0/b_UCSM_GUI_Storage_Management_Guide_4_0/b_UCSM_GUI_Storage_Management_Guide_4_0_chapter_0111.html

QUESTION NO: 10

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

ANSWER: A

Explanation:

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