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Vendor:NetApp

Exam Code:NS0-173

Exam Name:Cisco and NetApp FlexPod Design
Specialist

Version:Demo

QUESTION 1

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 2

You are a data center architect at a service provider. You need to configure a new multi-tenant FlexPod service offering.

Which three UCS Manager features will you need to accomplish this task? (Choose three.)

- A. auto discovery
- B. role-based access control
- C. service profiles
- D. virtualization support
- E. policies

Correct Answer: BCE

QUESTION 3

Which two Unified Computing System capabilities are required to achieve stateless computing? (Choose two.)

- A. templates
- B. blade servers
- C. service profiles
- D. boot from SAN

Correct Answer: BC

Cisco introduced the idea of stateless computing with its blade server design. A Cisco UCS instance allows you to quickly align computing resources in the data center with rapidly changing business requirements. This built-in flexibility

is determined by whether you choose to fully implement the stateless computing feature. Pools of servers and other system resources can be applied as necessary to respond to workload fluctuations, support new applications, scale existing software and business services, and accommodate both scheduled and unscheduled downtime. Server identity can be abstracted into a mobile service profile that can be moved from server to server with minimal downtime and no need for additional network configuration.

Reference: https://subscription.packtpub.com/book/networking_and_servers/9781782170662/1/ch01lv1sec07/looking-at-the-ucs-equipment <https://mg.mail.yahoo.com/neo/launch?.rand=c56dardsgif3d>

QUESTION 4

You are designing a FlexPod solution that requires 32 ports running at 40 Gbps.

To satisfy this requirement, which Cisco Fabric Interconnect should you deploy?

- A. 6332-16UP
- B. 6332
- C. 6248UP
- D. 6296UP

Correct Answer: B

FI 6332 is a one-rack-unit (1RU) 40 Gigabit Ethernet, and FCoE switch offering up to 2.56 Tbps throughput and up to 32 ports. The switch has 32 40Gbps fixed Ethernet.

Reference: https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/UCS_CVDs/flexpod_esxi60u2_fc_design.html

QUESTION 5

A customer with a FlexPod Express solution wants to enable remote access to the NetApp storage component.

In this scenario, which two access methods are recommended? (Choose two.)

- A. SAML
- B. SSH
- C. RDP
- D. Telnet

Correct Answer: BD

QUESTION 6

A customer is investigating options for implementing a FlexPod Datacenter solution that is using vSphere

6.x.

A.

Cisco Cloud Center documentation

B.

Cisco Validated Design documents

C.

VMware vSAN documentation

D.

NetApp Technical Report

Correct Answer: BD

In this scenario, which two resources would be important to review? (Choose two.)

Reference: https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/UCS_CVDs/flexpod_esxi60_n9k.html

QUESTION 7

A customer is configuring the UCS to handle a multitenant environment. The customer has created an organization within UCS for each tenant and would like to allow access to these organizations for only users that belong to that tenant.

In this scenario, which feature in UCS Manager should the customer use to accomplish this task?

A. Locales

B. Trusted Platform Module

C. Service Profile

D. User Roles

Correct Answer: C

Reference: https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/ucs-manager/GUI-User-Guides/Admin-Management/3-2/b_Cisco_UCS_Admin_Mgmt_Guide_3_2/b_Cisco_UCS_Admin_Mgmt_Guide_3_2_chapter_01010.html

QUESTION 8

A customer recently configured its Cisco UCS, and within the Chassis Discovery policy, they set the link group preference to Port Channel.

Which two benefits would they derive from this link group preference? (Choose two.)

- A. All the links between the Cisco Fabric Interconnects and chassis IOM are shared.
- B. Each blade has an assigned Cisco Fabric Interconnects link.
- C. All the links between the Cisco Fabric Interconnects and chassis IOM are pinned.
- D. Traffic is load balanced across the links.

Correct Answer: AD

QUESTION 9

A customer has deployed a FlexPod Datacenter with Red Hat Enterprise Linux OpenStack Platform. The Cinder storage volumes that are attached to the Nova instances are not available.

Based on the terms of the cooperative support model, which three companies would the customer use to open a support case? (Choose three.)

- A. Cisco
- B. VMware
- C. Microsoft
- D. NetApp
- E. Red Hat

Correct Answer: ADE

Reference: https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/UCS_CVDs/flexpod_openstack_osp6_design.html

QUESTION 10

A service provider is designing a FlexPod configuration to host multiple customers in a hybrid cloud environment, where IP address-range conflicts might arise on the shared storage.

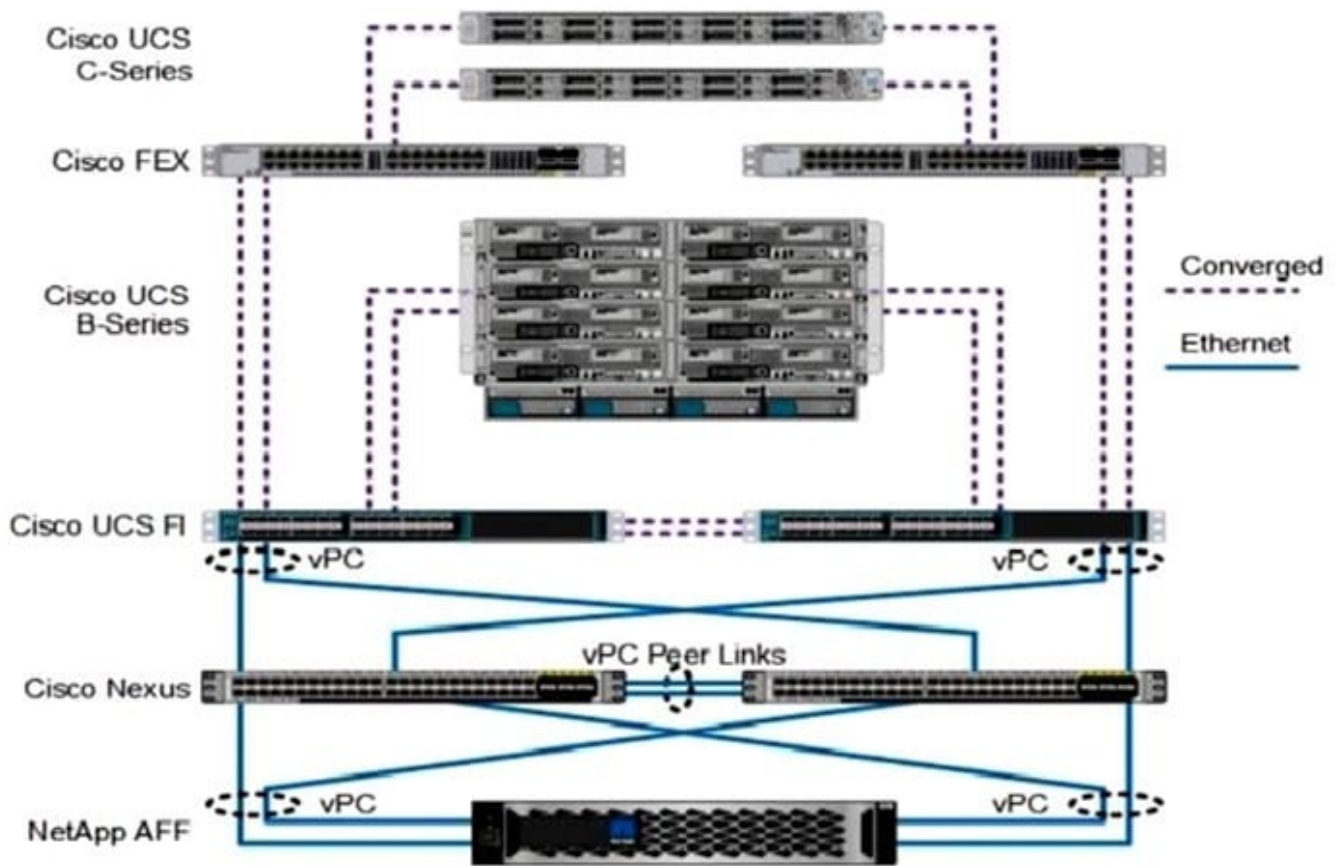
Which NetApp feature should be enabled to prevent these conflicts?

- A. SVMs
- B. broadcast domains
- C. IPspaces
- D. failover groups

Correct Answer: C

QUESTION 11

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 12

A customer has verified physical connectivity on the FlexPod. However, the LUNs are not available on the Cisco UCS server. To make the LUNs visible to the UCS, the customer must enable a switching feature for zoning.

In this scenario, what should the customer do?

- A. Enable NPIV on all switches.
- B. Enable Spine mode on all the Cisco Nexus 9000 switches.
- C. Enable NPV on all switches.
- D. Enable the device connector feature in Cisco UCS Manager.

Correct Answer: D