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Vendor: Cisco

Exam Code: 642-994

Exam Name: Cisco Data Center Unified Computing Systems Implementation (DCUCI)

Version: Demo

QUESTION 1

Which of the following must be considered when evaluating the data center environmental elements for a UCS installation? (Choose three.)

- A. weight distribution for floor loading
- B. emergency electrical shutoff
- C. backup power and distribution
- D. proper clearance for air flow

Correct Answer: ACD

QUESTION 2

How many VLANs on the UCS must be configured when using FCoE?

- A. One per blade
- B. One per VSAN
- C. One per fabric
- D. None are required

Correct Answer: B

QUESTION 3

Which three of the following UCS components can be upgraded? (Choose three.)

- A. SFPs
- B. BIOS firmware
- C. cluster firmware
- D. Fabric Interconnect
- E. Baseboard Management Controller (BMC)

Correct Answer: BDE

QUESTION 4

Which three VM VLAN port groups must be created for Nexus 1000v connectivity? (Choose three.)

- A. Priority
- B. Management
- C. Control
- D. Packet
- E. Service

Correct Answer: BCD

QUESTION 5

What is the maximum number of AC power supplies that can be installed in a Cisco UCS chassis?

- A. One
- B. Two
- C. Three
- D. Four

Correct Answer: D

QUESTION 6

The Cisco UCS Fabric Interconnect supports which port channel protocol?

- A. LACP
- B. PAgP
- C. MCPC
- D. LACP or PAgP

Correct Answer: A

QUESTION 7

A service profile is created using vHBAs. What will happen if the profile is applied to a server with a mezzanine card without storage capability?

- A. The blade association will fail.
- B. The storage adapter will not be visible to the operating system.
- C. A virtual storage adapter will be created.
- D. A WWNN or a WWPN will be autoselected from the default pool.

Correct Answer: A

QUESTION 8

Server virtualization technology enables which three benefits when you are planning to build a virtualized data center? (Choose three.)

- A. better use of computing resources
- B. higher server densities
- C. seamless server migrations
- D. I/O consolidation
- E. better usage of storage resources

Correct Answer: ABC

QUESTION 9

Which traffic is handled by the Cisco UCS 6100 Series Fabric Interconnect?

- A. management traffic
- B. data traffic
- C. management and data traffic
- D. control plane traffic

Correct Answer: C

QUESTION 10

Which four options are system components of the Cisco UCS Manager? (Choose four.)

- A. External Interface Layer
- B. Application/Endpoint Gateways
- C. PXE boot infrastructure
- D. Data Management Engine
- E. Managed Endpoints
- F. Virtual Networking Layer

Correct Answer: ABDE

QUESTION 11

Cisco UCS Manager uses SOAP APIs over which protocol to interact with VMware vCenter?

- A. HTTPS

- B. XML
- C. HTTP
- D. FTP

Correct Answer: A

QUESTION 12

What do management group hierarchies manage?

- A. resources and logical objects
- B. operation of servers and compute nodes
- C. UCSserver blade service profiles
- D. logical objects and compute nodes

Correct Answer: A

QUESTION 13

Which statement about VLANs in a Cisco UCS is true?

- A. Fabric interconnect can never participate in VTP.
- B. Fabric interconnect supports ISL and 802.1Q trunking.
- C. The supported range of VLANs is auto-configured by UCS.
- D. VLANs are configured through the Cisco UCS manager.

Correct Answer: D

QUESTION 14

Which two statements about the Cisco Nexus 1000V VSM are true? (Choose two.)

- A. It performs switching decisions and forwarding for the VEM.
- B. It can be run on a virtual machine.
- C. It can be used for remote VEM switching line cards.

Correct Answer: BC

QUESTION 15

When a fabric switch is put into NPV mode what two results will occur? (Choose two.)

- A. FLOGIlogin requests will no longer be handled
- B. routing decisions using FSPF will no longer be made
- C. enhanced zoning will be forced

Correct Answer: AB

QUESTION 16

Which two requirements must be met to support a VSAN in the Cisco UCS? (Choose two.)

- A. the default VSAN is preconfigured into the Cisco UCS Manager
- B. the VSAN must be associated with a vHBA
- C. the VSAN must be configured globally in the UCS Manager
- D. the VSAN and the domain ID must be the same

Correct Answer: BC

QUESTION 17

On what basis are world wide node names assigned?

- A. per-service profile
- B. per-compute node
- C. per-group
- D. per-VSAN

Correct Answer: A

QUESTION 18

Which three statements about Server Pools in the Cisco UCS are true? (Choose three.)

- A. Pools are manually populated.
- B. Pools are automatically populated.
- C. Compute nodes can be in only one pool at a time.
- D. Compute nodes can be in multiple pools simultaneously.

Correct Answer: ABD

QUESTION 19

What is the advantage of using a floating management IP address for the Cisco UCS 6100 Fabric interconnects?

- A. allows only the management interfaces to run active / active.
- B. allows both the management interfaces and the data traffic to run active / active
- C. allows for seamless failover
- D. allows for configuration changes on one interconnect to be automatically replicated on the other interconnect

Correct Answer: C

QUESTION 20

Which two statements regarding configuring high availability in the Cisco UCS is correct? (Choose two.)

- A. High availability is enabled during the configuration of either HSRP or VRRP from global configuration mode.
- B. High availability is configured during the initial setup of both Fabric Interconnects.
- C. High availability can only be configured via the CMC.
- D. High availability is enabled during the initial configuration of one of the Fabric Interconnects.

Correct Answer: BD

QUESTION 21

Which entity is critical to allowing Service Profiles to be portable?

- A. VSANs
- B. Port Channels
- C. FCID
- D. WWN

Correct Answer: D

QUESTION 22

Which statement about a Service Profile is most accurate?

- A. associated with a pool of blades
- B. represents a group of physical blades
- C. stores connectivity requirements

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