

**Cisco 642-994**

**Cisco Data Center Unified Computing Support  
Specialist  
Version: 5.1**

**QUESTION NO: 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

**Answer: A,C,D**

**Explanation:**

**QUESTION NO: 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

**Answer: B**

**Explanation:**

**QUESTION NO: 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)

**Answer: B,D,E**

**Explanation:**

**QUESTION NO: 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

**Answer: B,C,D**

**Explanation:**

**QUESTION NO: 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

**Answer: D**

**Explanation:**

**QUESTION NO: 6**

The Cisco UCS Fabric Interconnect supports which port channel protocol?

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

**Answer: A**

**Explanation:**

**QUESTION NO: 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.

**Answer: A**

**Explanation:**

**QUESTION NO: 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

**Answer: A,B,C**

**Explanation:**

**QUESTION NO: 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

**Answer: C**

**Explanation:**

**QUESTION NO: 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

**Answer: A,B,D,E**

**Explanation:**

**QUESTION NO: 11**

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

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

**Answer: A**

**Explanation:**

**QUESTION NO: 12**

What do management group hierarchies manage?

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

**Answer: A**

**Explanation:**