

500-901^{Q&As}

Cisco Data Center Unified Computing Infrastructure Design

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QUESTION 1

Which is a gap of first generation hyperconverged solutions addressed by Cisco HyperFlex?

- A. Integrated networking configuration during deployment
- B. Support for GPUs
- C. Support for multiple hypervisors
- D. Integrated firewall for security monitoring

Correct Answer: A

QUESTION 2

Which statement is true regarding vNIC Templates and LAN Connectivity Policy?

- A. Network identities for LAN connectivity policy must be pool derived
- B. We can add VLANs to the vNIC template at any time
- C. WE do not need MAC address pool for vNIC Templates
- D. vNIC templates must be created first and then used as a part of the LAN Connectivity Policy

Correct Answer: D

QUESTION 3

How do service profiles enable workload mobility?

- A. Service Profiles represent a physical view of a server without any ties to specific virtual hardware
- B. Service Profiles work with the underlying hypervisor and communicate with the VM to detect workload movement
- C. Service Profiles represent a logical view of a server without any ties to specific physical hardware
- D. Service Profiles communicate workload movement to VCenter

Correct Answer: A

QUESTION 4

A UCS admin needs to use the department Active Directory (AD) server for UCS user authorization. However, the AD administrator is reluctant to modify the AD schema, but is willing to add Group membership for UCS users.

How is the UCS administrator expected to use AD?

- A. For user authorization but not for authentication.
- B. Use AD Schema User Extensions (AD/SUE) to do an on demand schema modification.
- C. Use the Group membership information to assign the authorization policy with LDAP Group Maps.
- D. Will not be able to use AD, must use the local UCS user database.

Correct Answer: B

QUESTION 5

In the context of Cisco's unified Computing System, which three Cisco best practices are recommended when creating WWN pools? (Choose three.)

- A. All WWN must use "20" for the first octet
- B. Define a standard convention for WWNs agreed upon by all stakeholders for address blocks
- C. Select the default values presented by UCS Central
- D. Use Cisco's OUI (00:25:B5) for the 3rd to 5th octets in WWN
- E. Use the same hex value for 1st and 2nd octets in WWNN and WWPNN
- F. Engage the security team to request WWNs

Correct Answer: ADE

QUESTION 6

What is contained in Service Profiles?

- A. Management and server configurations
- B. Identity and state information for a logical server
- C. Application specific service requirements
- D. State information for a physical server

Correct Answer: B

QUESTION 7

What is the purpose of a virtual switch?

- A. Virtual switches manage storage requests from virtual machines
- B. Virtual switches present NICs to virtual machines for network connectivity

- C. Virtual switches recommend QoS options to the hypervisor for network connectivity
- D. Virtual switches present NICs to the UCSM for network connectivity

Correct Answer: B

QUESTION 8

An administrator needs to configure NPV between an edge fabric switch which will support application servers, and an upstream core switch. A Fiber Channel (FC) link exist between the two switchers.

What two statements are true about roles on the edge fabric switch? (Choose two.)

- A. The port that connects to the core switch will be an NP port.
- B. The ports that connect to the servers will be F ports.
- C. The port that connects the switches is a TE port.
- D. The port that connects to the core switch will be an FP port
- E. The ports that connect to the servers will be N ports.

Correct Answer: AB

QUESTION 9

Which are two Application Gateways primary roles? (Choose two.)

- A. Manage configuration changes during FSM transitions
- B. Manage configuration changes made with UCS Manager
- C. Communicate with virtual machines and report health and state
- D. Communicate with end points and report their health and state

Correct Answer: AD

QUESTION 10

Cisco recommended to help customer\'s provision physical, virtual, and multivendor data center infrastructure environments from a single pane?

- A. Cisco UCS Director
- B. Cisco UCS Performance Manager
- C. Cisco UCS Manager
- D. Cisco UCS Central

Correct Answer: C

QUESTION 11

An administrator has configured an NPV traffic map for a new server interface, none of the uplinks in the traffic map are open action?

- A. The traffic map will be disregarded and an uplink in the interface VSAN will be selected.
- B. The default VSAN uplink will be used if operational.
- C. The server will remain in a nonoperational state.
- D. The server interface will signal an FDISC message to the fabric switch.

Correct Answer: C

QUESTION 12

Which unique identity resources requires Stateless computing?

- A. UUIDs, MAC Addresses and WWNs
- B. VLANS, VSANS, Hypervisors and IP Addresses
- C. Virtual IP Addresses
- D. Service Profiles and Application Policies

Correct Answer: A

QUESTION 13

What is a Universally Unique Identifier in the context of Cisco Unified Computing System?

- A. A unique identifier used to identify an object or entity on the internet.
- B. A unique identifier used in server profiles enabling server mobility.
- C. A unique identifier used in application profiles enabling server mobility.
- D. A unique identifier used in service profiles enabling server mobility.

Correct Answer: D

QUESTION 14

Depending on the tab context in a Cisco UCS Manager, what three objects are contained in an Organization? (Choose three.)

- A. Identity Pools
- B. Roles
- C. Privileges
- D. Policies
- E. Service Profiles
- F. Locales

Correct Answer: ADE

QUESTION 15

You are creating a Boot Policy to have your Cisco UCS Server boot from SAN. What option shows the correct process?

- A. Include a vHBA in the Boot Order list, provide a Boot LUN ID, and Provide the WWPN address for the Boot Target
- B. Include a vHBA in the Boot Order list, provide a SAN ID, and provide the WWPN address for the Boot Target
- C. Include two vHBAs in the Boot Order list (vHBA-A and vHBA-B for redundancy), provide a Boot LUN ID for each vHBA, and provide the WWPN address for the Boot Target
- D. Include two vHBAs in the Boot Order list (vHBA-A and vHBA-B for redundancy), provide a SAN ID, and provide the WWPN address for the Boot Target

Correct Answer: A

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