Cisco

Exam Questions 500-901

Cisco Data Center Unified Computing Infrastructure Design

NEW QUESTION 1
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

Answer: A

NEW QUESTION 2
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

Answer: A

NEW QUESTION 3
The HX Data Platform architectures uses which two data optimization features? (Choose two.)

A. Non-disruptive RAID recovery
B. Inline data compression
C. Post-process data compression
D. Cluster-wide garbage collection
E. Inline data deduplication
F. Post-process data deduplication

Answer: BE

NEW QUESTION 4
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.

Answer: D

NEW QUESTION 5
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

Answer: C

NEW QUESTION 6
What aspect of Cisco UCS servers enables multi-tenancy and provides an administrative hierarchy to organize resources?

A. Resource pools
B. Organizations
C. Service profile templates
D. Service profiles

Answer: B

NEW QUESTION 7
Where can World Wide Node Name be defined?

A. In neither vHBA template nor SAN connectivity policy
B. In vHBA template only
C. In SAN connectivity policy only
D. In both, vHBA template or SAN connectivity policy

Answer: B

NEW QUESTION 8
Which two VSANs are automatically created and cannot be deleted? (Choose two.)

A. The Virtual Bridging VSAN
B. The Isolated VSAN
C. The Fabric Control VSAN
D. The Default VSAN

Answer: BD

NEW 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

Answer: AD

NEW QUESTION 10
When can you use UCS Director to provision Service Profile template?

A. For initial Service Profile template
B. Always
C. Never
D. Only for updating Service Profile template

Answer: A

NEW QUESTION 10
ACME technologies is deploying a large number of similar UCS blade servers and want to be able to change servers policies at a later time on all blades. What type of the Cisco UCS design is recommended?

A. Initial template based service profiles
B. Updating template based service profile
C. Updating non-template based service profiles
D. Initial non-template based service profiles

Answer: B

NEW QUESTION 13
What are the RAID levels available in the mode drop-down list of the Local Storage Policy?

A. RAID 0, 1, 5, 10
B. RAID 0, 1, 3, 5
C. RAID 0, 1, 5, 6, 50, 60
D. RAID 0, 1, 5, 6, 10
E. RAID 0, 1, 5, 10. 50

Answer: C

NEW QUESTION 16
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

Answer: ADE

NEW QUESTION 19
How many QoS classes are available to administrators on Cisco's UCS server?

A. 6
B. 4
C. 2
D. 8

Answer: A

NEW QUESTION 23

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

Answer: B

NEW QUESTION 24
Which statement is true regarding the Cisco UCS 6296UP Fabric Interconnect?

A. Maximum number of Expansion slots: 3
B. Form Factor: 2RU
C. Maximum number of Ports: 96
D. Requires UCS Performance Manager
E. Supports 100GE

Answer: C

NEW QUESTION 26
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

Answer: A

NEW QUESTION 31
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.

Answer: B

NEW QUESTION 36
An application is running in a data center as a set of virtual machines running on a single physical host. The host is using an NPIV enabled HBA. What capability does this offer?

A. Only the physical host can logically connect to the SAN fabric, thus enhancing security.
B. The number of FlOGIs is kept at a reasonable level, and therefore cannot saturate the SAN fabric.
C. Inter VSAN traffic can be switched directly by the HBA.
D. Each VM initiator can be managed independently, since it will generate its own FLOGI, and have its own pWWN.

Answer: D

NEW QUESTION 38
Which option is available for virtual switching in a VMware virtual environment?

A. KVM virtual switch, distributed virtual switch, Cisco Nexus 100v
B. Advanced virtual switch, distributed virtual switch, Cisco Nexus 100v
C. Hypervisor virtual switch, distributed virtual switch, Cisco Nexus 100v
D. Standard virtual switch, distributed virtual switch, Cisco Nexus 100v

Answer: D

NEW QUESTION 43
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