

# 500-901 Q&As

Cisco Data Center Unified Computing Infrastructure Design

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### QUESTION 1

You are creating a Local Disk Configuration Policy to be used by a new Service Profile for your UCS Server. Previous Service Profile had a Local Disk Configuration Policy set up for `No RAID` and the `Protect Configuration` box was checked. This time, you choose `RAID 1` and deselect the `Protect Configuration` checkbox.

What are the implications of this change?

- A. The Service Profile association process will fail because you cannot change from `No RAID` to `RAID 1`
- B. The Service Profile association process will fail because the policies are different and the `protect configuration` option was checked
- C. The Service Profile association process will succeed, but your total disk capacity will be cut in half due to the change from RAID 0 to RAID 1
- D. The Service Profile association process will succeed, but it will adopt the previous Local Disk Configuration Policy instead of the new one because it had `protect configuration` checked

Correct Answer: B

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### QUESTION 2

Your System BIOS has `Hyper Threading` enabled. However, you just created a BIOS Policy that has `Hyper Threading` disabled. You attached this BIOS Policy to a Service Profile and associated this Service Profile to the existing Server.

What action will occur next?

- A. The System BIOS takes precedence over the `BIOS Policy`, so `Hyper Threading` will remain enabled
- B. The `BIOS Policy` takes precedence over the System BIOS, so `Hyper Threading` will be disabled
- C. The UCS Server will fail due to a mismatch configuration
- D. Some BIOS settings cannot be changed in UCS Servers, `Hyper Threading` is one of them

Correct Answer: B

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### QUESTION 3

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

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#### QUESTION 4

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

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#### QUESTION 5

In a USC domain, the Storage role contains storage related privileges, and the Server role contains server related privileges. A user has joined the group that will need to have both Server roles.

What does the UCS administrator need to do in order to accommodate the new user?

- A. Create one user account and assign both roles to that account.
- B. Create two login accounts for the user, one for each role, since an account can only assign one role.
- C. Create one user account and map it to a locale that contains both roles.
- D. Create one user account, but and define two login domains, one for each role.

Correct Answer: A

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#### QUESTION 6

Which additional three traffic egress controls may be enabled in Cisco UCS Manager depending upon the network adapter selected? (Choose three.)

- A. Rate
- B. Best Effort
- C. Host Control
- D. Peak

E. Burst

F. Smooth

Correct Answer: BCE

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#### QUESTION 7

Which primary functions are provided by VSANs?

A. Independent fabric services per VSAN and zoning

B. Software-based isolation of traffic and independent fabric services per VSAN

C. Hardware-based isolation of traffic and independent fabric services per VSAN

D. Specific driver configuration and FSPF routing

Correct Answer: A

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#### QUESTION 8

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

Correct Answer: BE

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#### QUESTION 9

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

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#### QUESTION 10

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

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