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**Vendor:**Cisco

**Exam Code:**500-901

**Exam Name:**Cisco Data Center Unified Computing  
Infrastructure Design

**Version:**Demo

### QUESTION 1

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

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### QUESTION 2

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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### QUESTION 3

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

Correct Answer: BD

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### QUESTION 4

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 5

You disassociated a Database Server Service Profile from your existing UCS C240 M4. Then, you associate a Web Server Service Profile to this UCS C240M4. The Database Server Service Profile contained a Scrub Policy enabled for Disk Scrub. The Web Server Service Profile contains a Scrub Policy disabled for Disk Scrub.

What will happen after the reboot?

- A. The process will fail because the Service Profiles are fundamentally different
- B. The process will succeed, and server disk content will be preserved
- C. The process will fail because of the differences in the Scrub Policies
- D. The process will succeed, but server disk content will be lost

Correct Answer: C

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#### QUESTION 6

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

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### QUESTION 7

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 8

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

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

Correct Answer: A

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### QUESTION 9

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 10

An administrator is setting up a new VSAN and needs to use IVR to allow access to backup tape storage targets located in a different VSAN. There is an existing Nexus 5K switch in the SAN fabric that the admin would like to use; however, the switch is not IVR-enabled.

How can the Cisco Nexus switch be used?

- A. It cannot be used, since only MDS Switches implement IVR.
- B. As a Transit switch.
- C. As a Border switch or IVR NAT gateway.
- D. As an Edge switch.

Correct Answer: D

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### QUESTION 11

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

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### QUESTION 12

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