

## Exam Questions 500-901

Cisco Data Center Unified Computing Infrastructure Design

<https://www.2passeasy.com/dumps/500-901/>



#### NEW QUESTION 1

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

**Answer:** B

#### NEW QUESTION 2

Which two QoS classes are enabled by default on Cisco's UCS servers? (Choose two.)

- A. Silver
- B. Platinum
- C. Best Effort
- D. Fibre Channel
- E. Bronze

**Answer:** CD

#### NEW 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

**Answer:** C

#### NEW QUESTION 4

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 5

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

**Answer:** B

#### NEW QUESTION 6

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 7

Which Cisco UCS core element maintains the UCS XML database?

- A. Cisco Finite State Machine
- B. Cisco Data Management Engine
- C. Cisco UCS Manager
- D. Cisco Application Gateways

**Answer:** C

#### 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 three options can a virtual switch do? (Choose three.)

- A. VLAN tagging is done in UCS Manager
- B. Virtual Machines with a trunk port imposes the VLAN tag
- C. Impose the VLAN tag allocation
- D. Set IP Class-of-Service bits
- E. Allow physical switch to impose the VLAN tag

**Answer:** ABD

#### NEW QUESTION 10

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 14

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.

**Answer:** AB

#### NEW QUESTION 16

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 21

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 24

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 29

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 34

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 37

What condition requires Inter VSAN Routing (IVR)?

- A. The targets are in the same Initiator Group.
- B. When the path between source and destination edge VSANs require the traffic to pass through several VSANs before reaching the destination.
- C. When using MDS 9000 series SAN Directors.
- D. Transit VSANs are integral to the IVR architecture and are always required.

**Answer:** B

#### NEW QUESTION 40

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 WWPN
- F. Engage the security team to request WWNs

**Answer:** ADE

#### NEW QUESTION 43

.....

## THANKS FOR TRYING THE DEMO OF OUR PRODUCT

Visit Our Site to Purchase the Full Set of Actual 500-901 Exam Questions With Answers.

We Also Provide Practice Exam Software That Simulates Real Exam Environment And Has Many Self-Assessment Features. Order the 500-901 Product From:

<https://www.2passeasy.com/dumps/500-901/>

## Money Back Guarantee

### 500-901 Practice Exam Features:

- \* 500-901 Questions and Answers Updated Frequently
- \* 500-901 Practice Questions Verified by Expert Senior Certified Staff
- \* 500-901 Most Realistic Questions that Guarantee you a Pass on Your FirstTry
- \* 500-901 Practice Test Questions in Multiple Choice Formats and Updatesfor 1 Year