



**Free Questions for 500-901 by actualtestdumps**

**Shared by Spencer on 22-07-2024**

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## Question 1

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**Question Type:** MultipleChoice

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When primary functions are provided by VSANs?

### Options:

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- 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

### Answer:

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A

## Question 2

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**Question Type:** MultipleChoice

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You just installed a group of new Cisco UCS Servers in an ESX Cluster. Now, you want to deploy Nexus 1000V in this virtual environment. Which two statements regarding the scenario are true? (Choose two.)

**Options:**

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- A-** Nexus 1000v VEM will act as the Control Plane, while Nexus 1000v VSM acts as a remote line card
- B-** Nexus 1000V VSM will act as the Control Plane, while Nexus 1000v VEM acts as a remote line card
- C-** Nexus 1000v is not supported on ESX
- D-** Nexus 1000v VSM is deployed in vCentet. Nexus 1000v VEM is deployed in each ESX Host
- E-** Nexus 1000v VEM is deployed in vCentet, Nexus 1000v VSM is deployed in each ESX Host

**Answer:**

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B, D

## Question 3

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**Question Type: MultipleChoice**

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The MX Data Platform architectures uses which two data optimization features? (Choose two )

### Options:

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- 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:

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B, E

## Question 4

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**Question Type: MultipleChoice**

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How do service profiles enable workload mobility?

### Options:

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- 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 logical view of a server without any ties to specific physical hardware
- D- Service Profiles communicate workload movement to VCenter

### Answer:

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A

## Question 5

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### Question Type: MultipleChoice

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An administrator has configured an NPV traffic map on a new server interface, none of the uplinks the traffic map are operational. What is the resulting action?

### Options:

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- 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.

**Answer:**

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C

## Question 6

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**Question Type:** MultipleChoice

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

**Options:**

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- 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 VHBA's 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 vHBA's 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:**

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A

## Question 7

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**Question Type: MultipleChoice**

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You dissociated a Database Server Service Profile from your existing UCS C240 M4. Then, you associate a Web Server Service Profile to this UCS C240 M4. The Database Server Service Profile enabled a Scrub. Policy enabled for Disk Scrub. The Web Server Service Profile contains a Scrub Policy disabled 'or Disk Scrub. What will happen after the reboot?

**Options:**

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- A-** The process will fail because the Service Profiles are fundamentally efferent
- 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

**Answer:**

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C

## Question 8

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**Question Type:** MultipleChoice

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What is the purpose of a virtual switch?

**Options:**

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- 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:**

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B



## Question 9

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### Question Type: MultipleChoice

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You just installed a group of new Cisco UCS Servers in an ESX Cluster. Now, you want to deploy Nexus 1000V in this virtual environment. Which two statements regarding the scenario are true? (Choose two.)

#### Options:

---

- A- Nexus 1000v VEM will act as the Control Plane, while Nexus 1000v VSM acts as a remote line card
- B- Nexus 1000V VSM will act as the Control Plane, while Nexus 1000v VEM acts as a remote line card
- C- Nexus 1000v is not supported on ESX
- D- Nexus 1000v VSM is deployed in vCentet. Nexus 1000v VEM is deployed in each ESX Host
- E- Nexus 1000v VEM is deployed in vCentet, Nexus 1000v VSM is deployed in each ESX Host

#### Answer:

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B, D

## Question 10

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**Question Type: MultipleChoice**

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

**Options:**

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- 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:**

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C

## Question 11

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**Question Type: MultipleChoice**

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The MX Data Platform architectures uses which two data optimization features? (Choose two )

### **Options:**

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- 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:**

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B, E

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