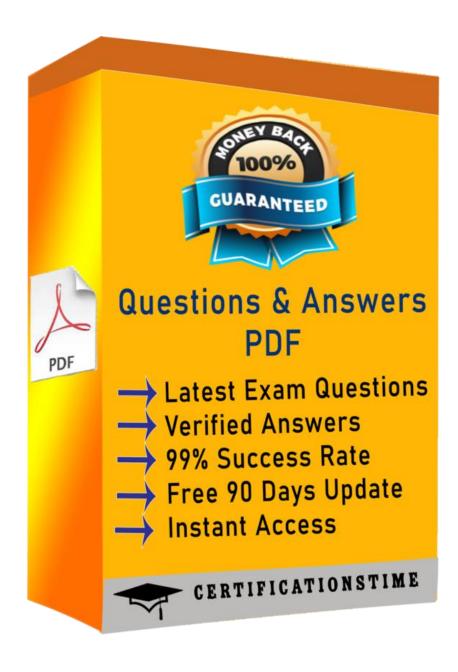**Cisco**

Exam Questions 500-901

Designing Cisco Data Center Unified Computing Infrastructure

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Quesion: 1

What is the purpose of a virtual switch?
A. Virtualswitches manage storage requests from virtual machines
B. Virtual switches present NiCs to virtual machines for network connecivity
C. Virtual switches recommend QoS opions to the hypervisor for network connecivity
D. Virtual switches present NICs to the UCSM for network connecivity
Answer: B

Quesion: 2

You dissociated a Database Server Service Profile from your exising 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 ater the reboot?
A. The process will fail because the Service Profiles are fundamentally eferent
B. The process will succeed, and server disk content will be preserved
C. The process will fail because of the diferences in the Scrub Policies
D. The process will succeed, but server disk content will be lost
Answer: C

Quesion: 3

You are creaing Boot Policy to have your Cisco UCS Server boot from SAN. What opion 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 reduncy0, 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
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Question: 4

An administrator has configured an NPV traffic map lot a new server interface, none of the uplinks the traffic map are operaional. What is the resuling acion?
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 operaional.
C. The server will remain in a nonoperaional state.
D. The server interface will signal an FDISC message to the fabric switch.
Answer: C

Question: 5

Which layer of the OSI model controls the reliability of communications between network devices using flow control, sequencing and acknowledgments?
A. Physical
B. Data-link
C. Transport
D. Network
Answer: C

Question: 6

Which transport layer protocol provides best-effort delivery service with no acknowledgment receipt required?
A. HTTP
B. IP

C. TCP

D. Telnet

E. UDP

Answer: E

Explanation:

UDP provides a connectionless datagram service that offers best-effort delivery, which means that UDP does not guarantee delivery or verify sequencing for any datagrams. A source host that needs reliable communication must use either TCP or a program that provides its own sequencing and acknowledgment services.

Question: 7

Refer to the exhibit.

A network device needs to be installed in the place of the icon labeled Network Device to accommodate a leased line attachment to the Internet. Which network device and interface configuration meets the minimum requirements for this installation?

A. a router with two Ethernet interfaces

B. a switch with two Ethernet interfaces

C. a router with one Ethernet and one serial interface

D. a switch with one Ethernet and one serial interface

E. a router with one Ethernet and one modem interface

Answer: C

Explanation:

Only a router can terminate a leased line attachment access circuit, and only a router can connect two different IP networks. Here, we will need a router with two interfaces, one serial connection for the line attachment and one Ethernet interface to connect to the switch on the LAN.

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