

500-901^{Q&As}

Cisco Data Center Unified Computing Infrastructure Design

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QUESTION 1

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.)

- 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 vCenter, Nexus 1000v VEM is deployed in each ESX Host
- E. Nexus 1000v VEM is deployed in vCenter, Nexus 1000v VSM is deployed in each ESX Host

Correct Answer: BD

QUESTION 2

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

QUESTION 3

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

Correct Answer: B

QUESTION 4

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

Correct Answer: B

QUESTION 5

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

QUESTION 6

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

QUESTION 7

Which statement is true regarding vNIC Templates and LAN Connectivity Policy?

- A. Network identities for LAN connectivity policy must be pool derived
- B. We can add VLANs to the vNIC template at any time
- C. WE do not need MAC address pool for vNIC Templates
- D. vNIC templates must be created first and then used as a part of the LAN Connectivity Policy

Correct Answer: D

QUESTION 8

How do service profiles enable workload mobility?

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

Correct Answer: A

QUESTION 9

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.

Correct Answer: AB

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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