Free Questions for D-VXB-DY-A-24

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Question 1

Question Type: MultipleChoice

A standard virtual switch is deployed on an ESXi host. Four virtual machines are connected to the vSwitch, which has no uplink ports configured.

Which statement is accurate about network connectivity between the VMs?

Options:

A- All VMs can communicate, but only with one another.

B- VMs can only communicate with one another if virtual guest tagging is used.

C- No communication is possible between VMs.

D- VMs can communicate to outside networks if CDP is being used.

Answer:

A

Explanation:

Understand vSwitch Functionality: A standard virtual switch (vSwitch) operates at the data link layer of the OSI model to connect virtual machines on the same ESXi host2.

Recognize vSwitch without Uplinks: When a vSwitch has no uplink ports configured, it cannot communicate with external networks, but it can still facilitate communication between VMs connected to it1.

Identify VM Communication: The VMs connected to the vSwitch without uplinks can communicate with each other, as the vSwitch can bridge traffic internally between VMs on the same VLAN2.

Exclude External Communication: Without uplinks, the VMs cannot communicate with outside networks, regardless of whether Cisco Discovery Protocol (CDP) is used2.

Question 2

Question Type: **MultipleChoice**

You are deploying a VxBlock system with Cisco ACI. What is a consideration?

Options:

A- A minimum of two uplinks per leaf switch is recommended

B- Fabric load balancing is achieved using VXLAN

C- Leaf switches use 40 GbE vPC peer links

D- Leaf switches connect to spines using 10 GbE links

Answer:

A

Explanation:

Review Cisco ACI Deployment: When deploying a VxBlock system with Cisco ACI, it's important to consider the physical connectivity and redundancy within the fabric1.

Consider Uplinks for Leaf Switches: For leaf switches in a Cisco ACI fabric, having a minimum of two uplinks is recommended to ensure redundancy and resiliency1.

Understand Fabric Load Balancing: While VXLAN is used within Cisco ACI for fabric load balancing, the consideration here is specifically about the physical uplinks from the leaf switches1.

Reference Official Documentation: The Official Dell VxBlock Deploy Achievement document provides guidelines for deploying VxBlock systems with Cisco ACI, including considerations for leaf switch connectivity1.

Question 3

Question Type: MultipleChoice

Which document provides a high-level overview of what is being delivered?

Options:

A- Bill of Materials

B- Logical Configuration Survey

C- Solution Abstract

D- Site Survey

Answer:

C

Explanation:

Identify the Document: The Solution Abstract is the document that provides a high-level overview of what is being delivered in a VxBlock system1.

Understand the Purpose: It summarizes the key components, features, and benefits of the solution, giving stakeholders a clear understanding of the project scope1.

Reference Official Documentation: The Official Dell VxBlock Deploy Achievement document would include the Solution Abstract as part of the standard documentation provided to customers1.

Question 4

Question Type: MultipleChoice

What is a key benefit VxLAN?

Options:

A- It reduces implementation cost of multiple VxBlock systems sharing data centers.

B- It enables vMotion over Layer 3 subnets across geographic locations.

C- It enables inter-VM communications among data center servers in different Layer 2 subnets.

D- It can be configured in the hypervisor to support an NSX implementation.

Answer:

B

Explanation:

Understand VxLAN: VxLAN, or Virtual Extensible LAN, is a network virtualization technology that allows for the creation of a Layer 2 network on top of a Layer 3 network1.

Identify Key Benefit: One of the key benefits of VxLAN is that it enables vMotion to occur over Layer 3 subnets, which can span across different geographic locations1.

Recognize VxLAN Capabilities: By encapsulating Layer 2 Ethernet frames into Layer 4 UDP packets, VxLAN allows for the extension of networks over long distances, facilitating vMotion in environments where the physical network infrastructure is spread out1.

Reference Official Documentation: The Official Dell VxBlock Deploy Achievement document would align with this understanding of VxLAN, highlighting its ability to support vMotion across Layer 3 subnets as a significant advantage1.

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Question 5

Question Type: MultipleChoice

A Customer Engineer just connected to their new VxBlock 1000 that was shipped with NSX. From where can the Customer Engineer confirm that the correct vSphere clusters

are prepared for NSX?

Options:

A- NSX Controller

B- vCenter Web Client

C- NSX Manager VAMI

D- ESXi host VIBs

Answer:

B

Explanation:

Access vCenter Web Client: The Customer Engineer should log into the vCenter Web Client, which is the primary interface for managing vSphere environments1.

Navigate to Networking: Within the vCenter Web Client, navigate to the Networking section where NSX configurations are managed1.

Verify NSX Preparation: In the Networking section, the Customer Engineer can confirm that the correct vSphere clusters are prepared for NSX by checking the status of the NSX installation and configuration1.

Check Cluster Configuration: The preparation of vSphere clusters for NSX involves installing NSX VIBs on ESXi hosts and configuring VXLAN, which can be verified within the vCenter Web Client1.

Question 6

Question Type: MultipleChoice

In addition to the Final Test Plan and Customer Satisfaction Survey, what document/form is required to be signed by the customer at the Project Closure Meeting?

Options:

A- Milestone Completion Form

B- Final Project Signoff

C- Project Workbook

D- Project Feedback Form

Answer:

B

Explanation:

Review Project Closure Documents: The project closure phase involves several key documents that need to be reviewed and signed off to formally close the project1.

Identify Required Document: In addition to the Final Test Plan and Customer Satisfaction Survey, the Final Project Signoff is a crucial document that must be signed by the customer at the Project Closure Meeting1.

Understand the Significance: The Final Project Signoff serves as the customer's formal acceptance of the project deliverables and confirms that all contractual obligations have been met1.

Ensure Compliance: It is important to ensure that the Final Project Signoff is completed and signed by the customer to officially close the project and release the project team from further responsibilities1.

Question 7

Question Type: MultipleChoice

In an existing VxBlock 1000 system, the compute servers are running VMware ESXi hypervisors. A compute expansion is being planned that includes servers that are being

repurposed from another VxBlock system.

What licensing is required for the expansion?

Options:

A- Cisco MDS Port licenses

B- VMware vSphere ESXi and Dell EMC PowerPath licenses

C- Cisco UCS Fabric Interconnect Port license

D- VMware vSphere ESXi and Cisco 1000v license

Answer:

D

Explanation:

When planning a compute expansion in an existing VxBlock 1000 system with servers repurposed from another VxBlock system, the required licensing includes VMware vSphere ESXi and Cisco 1000v licenses. These licenses ensure that the new compute resources are properly integrated and managed within the existing VxBlock environment.

VMware licensing documentation.

Cisco licensing guides for UCS and network components.

Question 8

Question Type: **MultipleChoice**

A customer is planning to integrate a VxBlock to a new Cisco ACI fabric. What major physical connectivity change is needed if the customer intends to convert their existing

VxBlock Nexus 9396PX switches to ACI mode?

Options:

A- Connect the switch directly to the APIC to download the ACI software. Then connect the existing Nexus 9396PX switches to a spine Nexus 93180YC switch.

B- Remove the dual peer link connection but keep the peer link connection for ACI fabric heartbeat traffic exchange.

C- Connect the Nexus 9396PX switch to spine Nexus 9500 switches. Remove other connections between the Nexus 9396PX switches.

D- Nexus 9396PX switch cannot be integrated directly to ACI fabric.

Answer:

A

Explanation:

To convert existing VxBlock Nexus 9396PX switches to ACI mode, a major physical connectivity change involves connecting the switch directly to the APIC (Application Policy Infrastructure Controller) to download the ACI software. Afterward, the existing Nexus 9396PX switches should be connected to a spine Nexus 93180YC switch as part of the ACI fabric setup.

Cisco ACI deployment guides.

Dell EMC VxBlock system integration documentation.