Exam : 300-180

Title : Troubleshooting Cisco Data Center Infrastructure

Version : DEMO
1. Refer to the exhibit.

Your customer is migrating their existing top-of-rack data center to a new location that uses an end-of-rack configuration. The customer requests a site survey prior to the migration. Which fact must you highlight in your survey that is required for a successful translation?

A. Power source must be 240 volts only for blade chassis.
B. Power source must be 240 volts only for fabric interconnect switches.
C. Blade chassis using passive TWNAX cables must be placed within 5 meters of the end rack.
D. Blade chassis must not be fully equipped with blades when using an end-of-rack setup.

**Answer:** C

2. Refer to the exhibit.
SAN-SW-1 has failed and must be replaced. Your client reports that all servers are booting from storage array 2 even through storage array 1 is up and reachable by Cisco UCS infrastructure.
Which reason is the root cause of the boot anomaly?
A. SAN target primary under SAN primary must be changed to SAN target secondary under SAN secondary.
B. SAN target primary under SAN secondary must be changed to SAN target secondary under SAN primary.
C. SAN target primary under SAN secondary must be changed to SAN target secondary under SAN primary.
D. SAN target secondary must be added to primary and SAN secondary.
Answer: D

3. Which two conditions can prevent vFC from coming up? (Choose two.)
A. PFC is enabled.
B. DCBX is disabled.
C. LDP is disabled.
D. vPC is enabled.
E. VSAN trunking is enabled
Answer: B, C

4. Refer to the exhibit.
You customer reports that the virtual machines operating on Host3 are not communicating with the external network.
While troubleshooting you determine these facts:
* Host3 is a UCS blade chassis server connected to two fabric interconnect switches.
* The fabric interconnect switches are connected to the campus Cisco 6800 core switch.
* N1Kv is the virtual switch configured on the VMWARE hypervisor installed on Host3.
* port profile N1k-Uplink-Host3 is connecting Host3 virtual networks to the external network.
Which reason is the cause of this problem?
A. port profile is the cause of this problem?
B. port aggregation mode under the N1k-Uplink-Host3 port must be changed to passive.
C. port aggregation mode under the N1k-uplink-Host 3 port profile must be changed to MAC pinning
D. port aggregation mode under the N1k-Uplink-Host3 must be removed.
**Answer:** C

5. Which communication is exchanged between neighbors during OTV adjacency formation across the layer 3 multicast network?
A. IGMP packets
B. OTV open messages
C. L1 IS-IS Hello packets
D. OTV adjacency packets
**Answer:** A