Cisco

Exam 500-170

FlexPod Design

Verson: Demo

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Topic break down

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Topic 1, Compute

Question No : 1 - (Topic 1)

Which is true about UCS High Availability?

A. Support for 3 Fabric Interconnects
B. Dual homing IOM to Fabric Interconnects
C. Port Channeling within UCS system requires Fabric Interconnects and IOMs to be at least second generation.
D. UCSM supports vPC configuration

Answer: C

Question No : 2 - (Topic 1)

Which feature is supported for virtual machines configured with Direct Path I/O using Cisco Virtual Machine Fabric Extender (VM-FEX) distributed switches?

A. vMotion
B. Record and Play
C. Fault tolerance
D. Unlimited DVS creation per Cisco UCS domain

Answer: A

Question No : 3 - (Topic 1)

Refer to the exhibit.

The numerals in the red rectangle, what will be this servers Boot from SAN order?

A. 1, 2, 3, 4
B. 1, 3, 2, 4
C. Not enough information
D. 3, 4, 1, 2

Answer: C

Topic 2, Networking

Question No : 4 - (Topic 2)

Which Cisco Nexus switch is designed for low latency L2/L3 IP only networks?

A. Nexus 5548
B. Nexus 7000
C. Nexus 3048
D. Nexus 5596

Answer: C

Question No : 5 - (Topic 2)

Cisco UCS Manager may be used to manage which four tasks within a Cisco UCS domain? (Choose four)

A. Cisco UCS hardware including the chassis, servers, fabric interconnects, and i/o modules
B. Cisco UCS resource management including WWN addresses, MAC addresses, UUIDs, and bandwidth
C. Deployment of a Windows or Linux Operating system
D. Management of non-Cisco x86 systems
E. Network administration such as creating VLANs, uplink ports, port channels and LAN PIN groups
F. SAN configuration tasks such as creating VSANs, QoS classes and definitions, and port channels.
G. Deploy patches for software, such as an OS or an application
H. Install software applications, such as databases, application server software, or web

servers

Answer: A,B,E,F

Question No : 6 - (Topic 2)

When using Virtual Port Channel (vPC) on a Nexus 5500 switch, what protocol is responsible for synchronization of configuration, spanning tree, MAC and VLAN information?

A. Fibre Channel over Ethernet (FCoE)
B. Spanning Tree Protocol (STP)
C. LACP
D. Cisco Fabric Services over Ethernet (CFSoE)

Answer: D

Topic 3, Storage

Question No : 7 - (Topic 3)

With Data ONTAP 8.2 or later, a two-node cluster has which two connections? (Choose two.)

A. 2x connections for HA Pair storage failover
B. 4x connections for HA Pair storage failover
C. 2x Infiniband connections cross connected on each node for the Cluster interconnect
D. 2x 10GbE Ethernet connections cross connected on each node for the Cluster interconnect
E. 4x 10GbE Ethernet connections cross connected on each node for the Cluster interconnect

Answer: A,D

Topic 4, Virtualization

Question No : 8 - (Topic 4)

Which VMware vSphere feature allocates and balances computing capacity dynamically across collections of hardware resources for virtual machines?

A. vSphere Fault Tolerance (FT)
B. vSphere High Availability (HA)
C. vSphere Distributed Resource Scheduler (DRS)
D. vSphere AutoDeploy

Answer: C

Topic 5, Management and Orchestration Tools

Question No : 9 - (Topic 5)

Which is a post sales implementation configuration and health check tool for NetApp systems or FlexPod?

A. Cisco UCS Sizer for Enterprise Applications
B. Cisco Resource Comparison Tool
C. NetApp Solution Builder
D. NetApp Config Advisor

Answer: D

Question No : 10 - (Topic 5)

Which tool may be used to determine the optimal UCS hardware configurations for SAP, Oracle, and Microsoft Enterprise Applications FlexPod solutions?

A. Microsoft Assessment and Planning (MAP) Toolkit
B. NetApp Solution Builder
C. Cisco UCS Sizer for Enterprise Applications
D. Cisco Resource Comparison Tool

Answer: C