Vendor: Cisco

Exam Code: 642-993

Exam Name: Data Center Unified Computing Systems
Design (DCUCD)

Version: DEMO

QUESTION 1
Which two design considerations are most often used when deploying Virtual Machines on the Cisco Sytems Nexus 1000V? (Choose two.)

A. VSANs to be supported must be configured in the Fabric Manager on the MDS switches
B. The default VSAN is preconfigured in the Cisco UCS manager.
C. The default VSAN is chosen as the default connectivity for all vNICs
D. All VSANs In heterogeneous fabrics are used internally by the Cisco UCS system

Answer: BD

QUESTION 2
Which three of these items are functions of the VMware vCenter Capacity IQ? (Choose three.)

A. Pre-Virtualization tool
B. pre-virtualization environment analysis
C. virtual machine automatic activation
D. capacity identification and reclamation
E. capacity shortfalls and needs forecasting

Answer: CDE

QUESTION 3
Which cost factor is most likely to show the greatest increase when a data center is operating at less than maximum hardware efficiency?

A. facilities costs
B. capital expenditures
C. human resource costs

Answer: A

QUESTION 4
What two items are considered when assessing storage performance? (Choose two)

A. SAN throughput
B. number of VSANs
C. number of SAN Domains
D. maximum number of LUNS

Answer: AB

QUESTION 5
In Cisco UCS, hardware-based failover is supported for Ethernet vNiCs. To achieve similar failover capability on a SAN using a vHBA, which technology must be used to deploy multiple paths for redundancy?

A. redundant IOMs
B. primary and backup VSANs

C. host multipathing software
D. primary and backup fabric interconnects

Answer: C

QUESTION 6
Which solution would most likely be used to achieve high availability in Cisco Unified Computing network?

A. multiple firewalls
B. redundant links
C. larger broadcast domains
D. additional CPUs to provide additional virtual machines

Answer: B

QUESTION 7
What type of cable must be used when connecting the UCS 6100 to the Nexus 7000?

A. Category 5 shielded twisted pair
B. Category 6 shielded twisted pair
C. 10BASE-CX4 pre-terminated on SFP+ copper transceivers
D. 50/125 multi-mode Fiber optic cabling with SFP+ optical transceivers

Answer: D

QUESTION 8
What is the purpose of a VSAN in a Cisco Data Center network?

A. to share the zoning across other configured VSANs
B. to provide distributed service within the SAN fabric
C. to advertise the existence of LUNs across the storage area management fabric
D. to facilitate logical end-to-end separation within a single physical storage infrastructure

Answer: D

QUESTION 9
What are three types of business pressure that data centers are experiencing?(Choose three)

A. language barrier
B. collaboration
C. SLA metrics
D. global availability
E. separate infrastructures and support organizations

Answer: BCD

QUESTION 10

Which two are Cisco Unified Computing Business Advantages? (Choose two.)

A. Less efficient cooling
B. Higher cost per computing unit
C. Facilities-less space used
D. Increased total cost of ownership
E. Lower power consumption costs

Answer: CE

QUESTION 11
Which adverse condition occurs when virtualized servers increase server density?

A. increased power costs
B. increased cabling costs
C. decreased power efficiency
D. decreased Cabling costs

Answer: A

QUESTION 12
Which two environmental conditions would most likely be considered first when planning when planning a Data Center facility? (Choose two)

A. humidity level
B. cabling infrastructure
C. operating temperature
D. emergency fire sprinkler system

Answer: AC

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