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Vendor:Cisco

Exam Code:700-905

Exam Name:Cisco HyperFlex for Systems Engineers

Version:Demo

QUESTION 1

How many PCIe standards-compliant interfaces do Cisco VICs support?

- A. 512
- B. 128
- C. 256
- D. 64

Correct Answer: C

QUESTION 2

What is the maximum size of an HXDP cluster running 3.5.1?

- A. 64 nodes
- B. 8 nodes
- C. 16 nodes
- D. 32 nodes

Correct Answer: A

QUESTION 3

Which two Cisco UCS Servers support converged nodes in HyperFlex Data Platform (HXDP)? (Choose two.)

- A. HX 220
- B. UCSB200
- C. UCS C480
- D. UCS B480
- E. HX240

Correct Answer: AE

QUESTION 4

Which three configurations for read caching in Cisco HyperFlex are valid? (Choose three.)

- A. Battery-Initiated Read-back (default): Only read data and most commonly used data are deposited in the Level 4 read-back cache
- B. Write-back (default): Only write information and most commonly used information are deposited in the cache
- C. Write-through (install option for VDI): Only most commonly used data is cached: optimizing VDI performance
- D. No caching (SSD): With all-flash nodes; because there is little difference in read speeds between SSDs
- E. Level 4 cached (SSD): With semi-flash nodes; there is a large difference in read speeds between SSDs
- F. Write-first (default for VDI): Infrequently used data is cached: freeing system resources for VDI performance

Correct Answer: BCD

QUESTION 5

How many vCPUs does the HXDP controller VM require?

- A. 8
- B. 6
- C. 2
- D. 4

Correct Answer: A

QUESTION 6

HyperFlex virtual servers differ from regular servers in which two key areas? (Choose two.)

- A. NVMe: Regular servers do not support NVMe drives for high availability.
- B. No RAID is required to consolidate disks into a shared data platform.
- C. CVM: Virtual appliance, which performs reading/writing, caching, deduplication, and compression.
- D. SP: UCS Service Profiles are used to delineate MAC address pools from upstream networks.
- E. CCC: Cisco Cloud Center is used for multi-cloud integration and seamless deployment.

Correct Answer: BC

QUESTION 7

With which three components must every HyperFlex cluster be equipped with in regard to disks? (Choose three.)

- A. NVMe drives
- B. there are no specific requirements
- C. same type of cache drives
- D. same type and size of capacity of drives
- E. same number of capacity drives
- F. SAS drives

Correct Answer: CDE

QUESTION 8

HyperFlex compute nodes contribute what percentage of the overall disk storage capacity?

- A. 5%
- B. 20%
- C. 0%
- D. 10%

Correct Answer: C

QUESTION 9

HyperFlex uses file system native snapshots and provides which three features? (Choose three.)

- A. on datastore level, snapshots work the same as vSphere snapshots
- B. automatically deduplicating data of snapshots through StorFS
- C. impact on the VM performance after a lot of writes, requiring future administration
- D. limitations in age and number of snapshots. See user manual for limitations
- E. consolidation of snapshots is still manual but not necessary

F. automatic update to the golden image when a configuration change is made

Correct Answer: ABD

QUESTION 10

Which two results are expected when you replace a node or expand a cluster? (Choose two.)

- A. Distributed pooled data is migrated off nodes to master data store.
- B. Affected node is marked as unhealthy and placed into standby mode
- C. vSphere DRS migrates the virtual machines to the new node to balance the load
- D. On node replace, the self-healing must finish for the cluster to be healthy
- E. The cluster profile is updated and RAID takes care of rebalancing the load.

Correct Answer: CD

QUESTION 11

Which three functionalities are provided by VAAI? (Choose three.)

- A. When a native snapshot is requested, the request is processed by the hypervisor.
- B. Missing pieces of data are re-created from the remaining nodes in service
- C. Cisco HXDP creates a file system native snapshot which is registered in the vSphere.
- D. VAAI performs caching, deduplication: and compression of data.
- E. Instead of the snapshot being performed in hypervisor it is offloaded to Cisco HXDP.
- F. VAAI uses RAID to consolidate disks into a shared data platform.

Correct Answer: ACE

QUESTION 12

Which version of HXDP was the first to support multiple VICs on a single server?

- A. HXDP 3.5.1
- B. HXDP 3.0
- C. HXDP 4.0

D. HXDP 3.5

Correct Answer: A