

700-905^{Q&As}

Cisco HyperFlex for Systems Engineers

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QUESTION 1

Cisco HyperFlex All-NVMe nodes are expected to be supported beginning in which HXDP version\\'?

- A. HXDP 4.0.1
- B. HXDP 3.5.1
- C. HXDP 3 5.2
- D. HXDP 4.0

Correct Answer: A

QUESTION 2

Which two ways does Cisco HyperFlex upgrade the traditional RAID? (Choose two.)

- A. HyperFlex enables stretched RAID arrays spanning multiple geographic sites.
- B. Hardware replacement initiates self-healing with minimal impact
- C. Limiting the number of drives locally, which are not a part of the shared datastore.
- D. Distributing data locally, not just across the hosts in HyperFlex cluster
- E. Eliminating the need for additional hardware cards, while maintaining high performance.

Correct Answer: BE

QUESTION 3

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

QUESTION 4

When local writing or reading is performed, the IOVisor intercepts the read/write requests and forwards them to CVMs across the cluster. This action allows non-local CVMs to be aware of the input/output requests so that they can perform the appropriate input/output action. IOVisor provides which two additional functionalities? (Choose two.)

- A. provides redundancy when local CVM fails, offloading data processing to another CVM in the cluster
- B. when an IOVisor fails, the CVM remains active and functional, which enables uninterrupted operation of the system by forwarding IO to another available IOVisor in the HyperFlex cluster
- C. enables asynchronous replication of data across individual HyperFlex nodes with sub-second re-convergence
- D. integration point for deployment of cloud-based SaaS offerings from ecosystem partners
- E. intercepts local virtual machines' reads and writes and distributes them across the network eliminating hotspots

Correct Answer: AE

QUESTION 5

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 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

Drag the server type from the left onto the maximum number of capacity drives on the right.

Select and Place:

HX220c-M5SX		6-12
HX240c-M5SX		6-8
HX240c-M5L		6-23

Correct Answer:

	HX240c-M5L	6-12
	HX220c-M5SX	6-8
	HX240c-M5SX	6-23

QUESTION 8

How many vCPUs does the HXDP controller VM require?

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

Correct Answer: A

QUESTION 9

How can the maximum 10 performance be achieved?

- A. Use the HX 220 with all flash drives
- B. Use the HX 240 with all flash drives
- C. Use the HX 220 with all SAS drives
- D. Use the HX 240 with all SAS drives

Correct Answer: B

QUESTION 10

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

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