



700-905^{Q&As}

Cisco HyperFlex for Systems Engineers

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QUESTION 1

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 2

Which three features do Managed Deployments provide? (Choose three.)

- A. Great for managing large deployments, scalability, and oversight of the UCS servers.
- B. Consistent deployment by replicating working configurations from development labs to the production deployment
- C. High availability of the management system and connectivity when using 2 Cisco Fabric Interconnects
- D. Individual configuration of each redundant fabric or global configuration.
- E. Increased operating overhead, raising Operating Expenses (OpEx)
- F. Decentralized yet complex management of an entire UCS domain.

Correct Answer: ACD

QUESTION 3

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 4

How much memory is reserved for the controller VM in the HX220c?

- A. 48 GB
- B. 12 GB
- C. 24 GB
- D. 78 GB

Correct Answer: A

QUESTION 5

Which two steps should be performed before installing HyperFlex? (Choose two.)

- A. Determine and download recommended hypervisor
- B. Determine and download recommended VCenter required
- C. Download service profile templates
- D. Determine and download recommended UCS firmware required.
- E. Determine and download virtual machine OS required.

Correct Answer: AD

QUESTION 6

HyperFlex is tightly integrated into the Cisco portfolio, allowing which two powerful service integrations? (Choose two)

- A. Cloud mobility: CloudCenter enables workload mobility between HyperFlex and public and private clouds, including private cloud self-service Infrastructure as a service (IaaS) capabilities
- B. Application centric infrastructure: ACI enables faster deployment via End-Point Group integration of the HyperFlex clusters into existing application environments
- C. Multi-cloud integration Workloads are able to seamlessly migrate to platforms such as Amazon Web Services: Microsoft Azure and Google Cloud Platform
- D. On-premise container platform: Cisco Container Platform automates repetitive tasks, such as installing Kubernetes and Docker, installing analytics tools, creating clusters, load balancing, managing the OS, and even updating the distribution
- E. Data Center Network Monitor: This management platform enables administrators to monitor storage in the HyperFlex



solution and provide real-time storage performance for the HyperFlex cluster

Correct Answer: AD

QUESTION 7

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 8

- A. The primary CVM compresses the data, writes it to its cache drive and mirrors it
- B. ACK is sent to the CVM that the write is about to be initiated
- C. On write, the local IOvisor sends the write to the primary CVM for that block
- D. On read/Write. the distributed VAAI sends the write to the primary CVM for that block
- E. The secondary CVM compresses the data, reads it from its cache drive and mirrors it

Correct Answer: AC

QUESTION 9

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 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

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