700-905^{Q&As}

Cisco HyperFlex for Systems Engineers

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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

Which two processes does failure on a node initiate? (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. A call-home process is initiated and the failure is reported to TAC

D. The VMs on the failed node are moved to another node by vSphere high availability

E. The system is marked unhealthy but remains operational.

Correct Answer: DE

QUESTION 3

Which two processes does Disk Failure initiate? (Choose two)

A. The affected cluster is marked as unhealthy and placed into standby mode

B. If the replication factor is sufficient for the failure, the system is marked as unhealthy but remains operational

C. Distributed pooled data is migrated off nodes to master data store.

D. Performance is almost unaffected Sets 1-minute timer until self-healing starts.

E. Self-healing mode is initiated and data replication factors applied.

Correct Answer: BD

QUESTION 4

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

A. 5%

B. 20%

C. 0%

D. 10%

Correct Answer: C

QUESTION 5

Which three features for NVMe transfer protocol are valid? (Choose three.)

A. Uses PCIe interface

B. Streamlined commands for fewer CPU instructions

C. More and deeper queues

D. Requires 10 controller

E. Increases memory speed for more IOPs

F. Improves SAS and SATA speed

Correct Answer: ABC

QUESTION 6

A. creates hooks tor services related to third-party abstraction applications

B. does not perform caching, deduplication: and compression of data

C. an Ubuntu based VM running in the control space of each individual server, having linear access to the server\\'s VMs and networking controls

D. needs network access to ESXi. other CVMs, and management network

E. is installed automatically by the HyperFlex installer, configured through the installer

Correct Answer: DE

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

Which two features enable RAID cards striping as well as mirroring and parity? (Choose two.)

A. Integration with Cisco Intersight for a cloud-based storage management solution.

B. No load on the system resources, drives seem as one drive to the operating system

C. On RAID card failure, the RAID onboard concurrent cache assists rebuild cache.

D. Hot replacement of drives available, depending on configuration

E. Distributed drives across disparate systems can be in RAID together.

Correct Answer: BD

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 statements on Replication Factors are valid? (Choose two.)

A. RF2 has 100% better protection of data while using 33% more space and is recommended.

B. RF3 has 100% better protection of data while using 33% more space and is recommended.

C. LAZ can increase RTO for 16+ node clusters.

D. When performing rolling upgrades, the upgraded node is down for maintenance, stretching RF2 to the absolute limit.

E. LAZ can decrease fault tolerance of S+ node clusters to less than 4

Correct Answer: BD

QUESTION 11

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 12

What is the minimum amount of memory required for an HX node?

A. 192 GB

B. 64 GB

C. 32 GB

D. 128 GB

Correct Answer: D

QUESTION 13

When building a HyperFlex cluster which two recommendations should be followed? (Choose two.)

A. Use HX 220s for compute nodes and HX 240s for converged nodes

B. Use B-Series servers to improve converged node scale.

C. Use the same CPU model but memory configuration can be different.

D. Use the same server configuration for the cluster.

E. Use the same server model for the cluster.

Correct Answer: DE

QUESTION 14

When cabling a given HX node to the Fabric Interconnect which three actions are required? (Choose three.)

A. Connect the node to different port numbers on each of the two Fabric Interconnects.

B. Connect port 1 on the VIC to Fabric Interconnect A.

C. Connect server port L1 to Fabric Interconnect port L1.

D. Connect the node to the same port number on each of the two Fabric Interconnects.

E. Connect server port L2 to Fabric Interconnect port L2

F. Connect port 2 on the VIC to Interconnect B.

Correct Answer: BDF

QUESTION 15

How many DIMMs are supported per memory channel in the Cisco UCS M5 server?

A. 2

B. 1

C. 8

D. 4

Correct Answer: A

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