Cisco

Exam Questions 700-905

Cisco HyperFlex for Systems Engineers
NEW QUESTION 1
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.

Answer: ACD

Explanation:

NEW QUESTION 2
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.

Answer: DE

NEW QUESTION 3
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.

Answer: BD

Explanation:

NEW QUESTION 4
If a GPU card is installed in HyperFlex nodes before a cluster is created, which action can be used to automatically build the service profile in UCS Manager?
A. Check Run UCS Manager Configuration during the cluster creation process
B. Check the extended memory option during the cluster creation process
C. Check the GPU workflow during the cluster creation process
D. Check the administrative workflow option during the cluster creation process

Answer: C

Explanation:

NEW QUESTION 5
Which three advantages of using the M5 generation of HyperFlex servers over the M4 generation are valid? (Choose three)

A. Support for Cisco VICs
B. Multiple GPUs
C. M.2 SATA drive support for faster disk I/O
D. DDR3 memory
E. Microsoft Hyper-V support
F. NVMe support

Answer: CEF

Explanation:

NEW QUESTION 6
How much memory is reserved for the controller VM in the HX220c?

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

Answer: A

Explanation:
NEW QUESTION 7
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

Answer: A

Explanation:

NEW QUESTION 8
A Controller Virtual Machine (CVM) is an Ubuntu Linux VM that lives outside the converged data platform on the housekeeping drive since it is involved in creating the convergence data platform Which two features for CVMs are valid? (Choose two.)

A. creates hooks for 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 ESX  
E. other CVMs, and management network  
F. is installed automatically by the HyperFlex installer, configured through the installer

Answer: DE

Explanation:
NEW QUESTION 9
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

Answer: A

Explanation:

Cisco HyperFlex is a scalable system:

- As of HXDP v3.5.1, maximum size of standard ESXi-based cluster is 64 servers.
- Cluster, with exception of stretched cluster, cannot be a part of more than one Cisco UCS domain.
- You can only achieve cluster of this size with Cisco UCS 6296, other fabric interconnects do not have enough ports.
- An alternative is to have a stretch cluster where servers are split across two Cisco UCS domains.
- If you want to connect Fibre Channel storage to the same Cisco UCS domain, consider that all Fabric Interconnects, except Cisco UCS 6332, support unified ports.

NEW QUESTION 10
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.

Answer: DE

Explanation:
Node Failure

Failure on a node initiates the following process:

1. The system is marked unhealthy but remains operational.
2. The VMs on the failed node are moved to another node by vSphere high availability.
3. VMs keep reading from the remaining copies with minimal impact to performance.
4. A 2-hour countdown initiates before self-healing process.
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