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## Question 1

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**Question Type:** MultipleChoice

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

### Options:

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- 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.

### Answer:

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B, E

## Question 2

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**Question Type:** MultipleChoice

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

**Options:**

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A- HX 220

B- UCSB200

C- UCS C480

D- UCS B480

E- HX240

**Answer:**

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A, E

## Question 3

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**Question Type:** MultipleChoice

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

**Options:**

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- 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:**

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D, E

## Question 4

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**Question Type: MultipleChoice**

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How can the maximum 10 performance be achieved?

**Options:**

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- 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

**Answer:**

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B

## Question 5

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**Question Type:** MultipleChoice

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Which three capabilities are provided by Virtual Interface Cards'? (Choose three.)

**Options:**

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- A- Virtualizing object storage environments by pushing meta data directly to the management server
- B- The virtual interfaces created by a VIC do not accommodate hypervisor communication like VMkernel interfaces on vSphere.
- C- Management through Cisco IMC or UCS Manager with dynamic configuration of virtual interface cards based on the server profile (MAC/WWN).

- D-** Traffic processing for internal and external communication supporting simultaneous HBA and NIC operation on the same physical hardware.
- E-** Multiple-interface-card virtualization without any additional driver requirements with integration of the virtualized cards into the Fabric Interconnect infrastructure.
- F-** A virtual environment, such as VMware vSphere, provides VM connectivity via a virtual switch to individual virtual machines bypassing local hardware requests.

**Answer:**

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C, D, E

## Question 6

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**Question Type:** MultipleChoice

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The process of optimizing information is tightly tied to the writing process as it is performed inline as the writing process is being performed The process of data optimization is performed with which two processes? (Choose two)

**Options:**

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- 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

**Answer:**

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A, C

## Question 7

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**Question Type:** MultipleChoice

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Where is the VIC configuration for number type, identify, failover, settings, and bandwidth stored?

**Options:**

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- A- in non-volatile memory on the VIC
- B- in UCS Manager service profiles

**C-** in VCenter virtual machine image

**D-** in UCS Manager server profiles

**Answer:**

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D

## Question 8

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**Question Type: MultipleChoice**

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What does the letter W indicate when selecting CPUs for your HX Node (le. HX-CPU 8170M)?

**Options:**

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**A-** support of 1.5 TB/socket of memory

**B-** support for all flash drive array

**C-** support for NVMe

**D-** support for 768 TB/socket of memory



**Answer:**

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A

## Question 9

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**Question Type: MultipleChoice**

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

**Options:**

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- 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, curating 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

**Answer:**

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A, D

## Question 10

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**Question Type: MultipleChoice**

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

**Options:**

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**A-** 192 GB

**B-** 64 GB

**C-** 32 GB

**D-** 128 GB

**Answer:**

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D

## Question 11

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**Question Type:** MultipleChoice

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Which two components are automatically configured from the information provided to the HyperFlex installer? (Choose two )

### Options:

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- A- the network
- B- operating system deployment preparation
- C- controller VM configuration
- D- application dependencies
- E- server firmware policy

### Answer:

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A, C

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