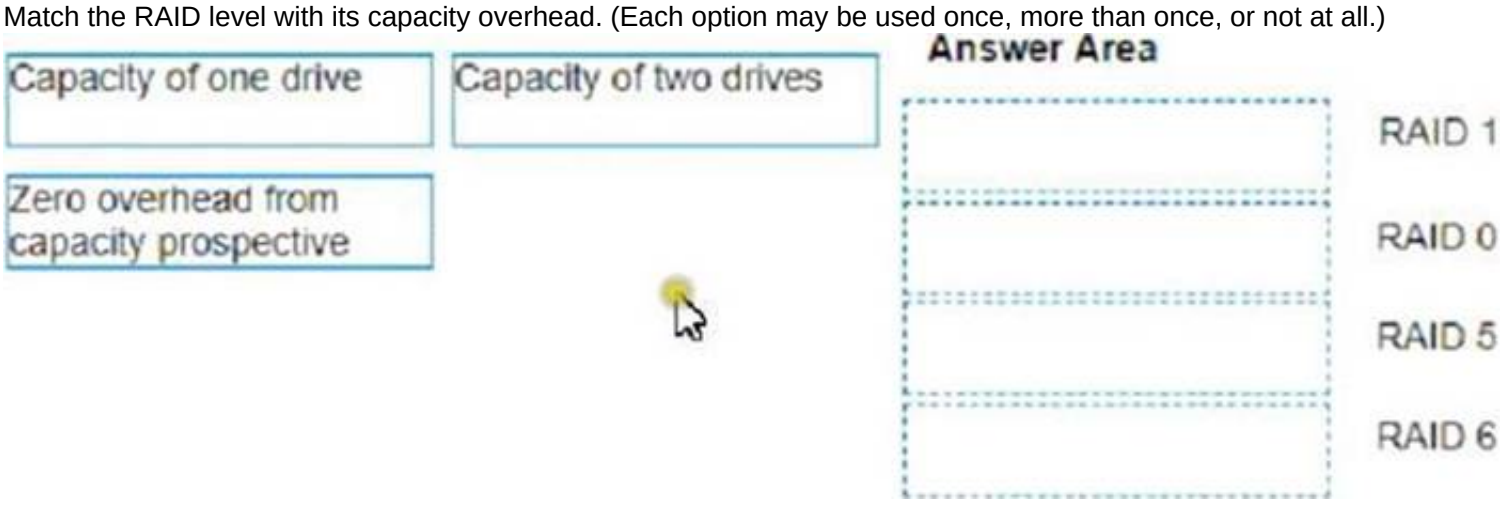
HP

Exam Questions HPE0-V25

HPE Hybrid Cloud Solutions

NEW QUESTION 1
Match the RAID level with its capacity overhead. (Each option may be used once, more than once, or not at all.)

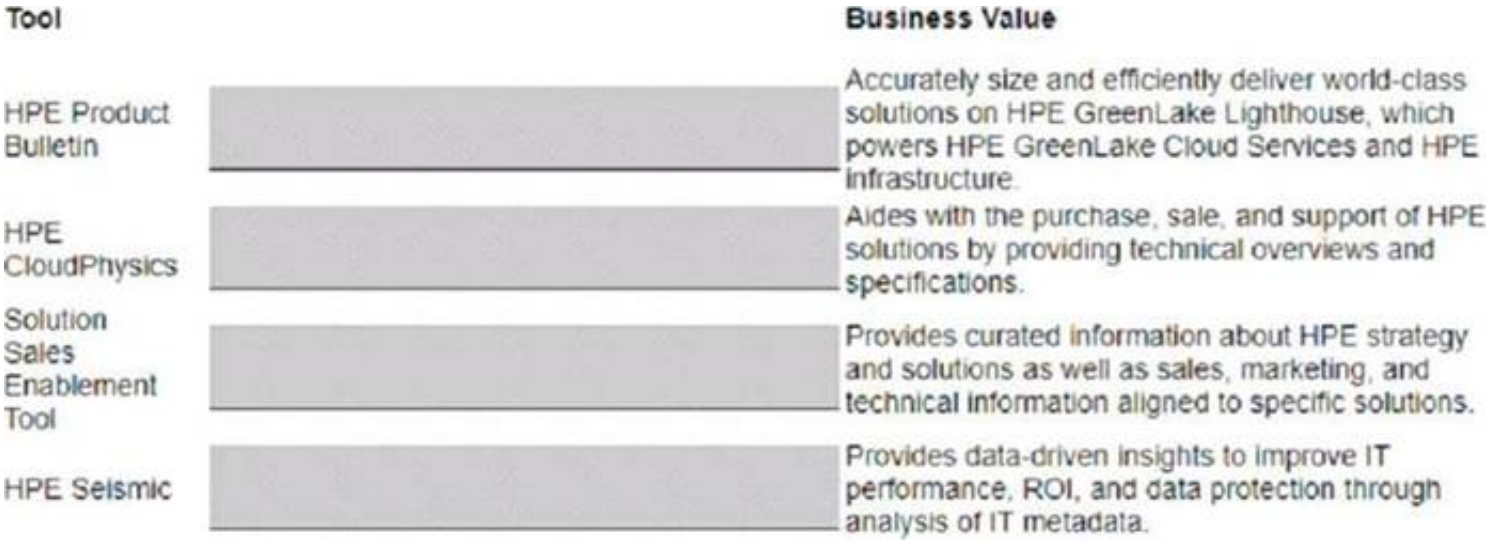


A. Mastered
B. Not Mastered

Answer: A

Explanation:
- RAID 0: This level has zero overhead from capacity perspective, as it uses all the available disk space for data storage without any redundancy or parity. However, it also has no fault tolerance and if one disk fails, all data is lost12.
- RAID 1: This level has capacity of one drive as overhead, as it uses disk mirroring to create an exact copy of data on two or more disks. This provides high reliability and fault tolerance, but reduces the usable disk space by half12.
- RAID 5: This level has capacity of one drive as overhead, as it uses disk striping with parity to distribu data and parity blocks across three or more disks. This provides a balance between performance and reliability, as it can tolerate one disk failure without losing data12.
- RAID 6: This level has capacity of two drives as overhead, as it uses disk striping with double parity t distribute data and two parity blocks across four or more disks. This provides higher reliability and fault tolerance than RAID 5, as it can tolerate two disk failures without losing data12.

NEW QUESTION 2
Match each HPE tool with its business value.



A. Mastered
B. Not Mastered

Answer: A

Explanation:
- HPE Product Bulletin:Aides with the purchase, sale, and support of HPE solutions by providing technical overviews and specifications.
- HPE CloudPhysics:Provides data-driven insights to improve IT performance, ROI, and data protection through analysis of IT metadata.
- Solution Sales Enablement Tool:Provides curated information about HPE strategy and solutions as well as sales, marketing, and technical information aligned to specific solutions.
- HPE Seismic:Accurately size and efficiently deliver world-class solutions on HPE GreenLake Lighthouse, which powers HPE GreenLake Cloud services and HPE infrastructure.
- HPE CloudPhysics:https://www.hpe.com/us/en/storage/cloudphysics.html
- Solution Sales Enablement Tool:https://sset.ext.hpe.com/
- HPE Seismic:https://www.hpe.com/us/en/newsroom/blog-post/2021/02/hpe-reimagines-customer-and-partner-e

NEW QUESTION 3
Map the HPE platform and workload-oriented solutions with the customer’s challenge.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Containers solutions -> Simplify acquisition and deployment of complex systems1
Data Management and
Analytics solutions -> Accelerate time to value from insights2 management3
Hybrid Cloud solutions -> Unify operations and
Transcoding & Visualization solutions -> Provide stability to scale anywhereVDI solutions -> Improve user experience while managing costs

NEW QUESTION 4
your customer runs a small datacenter ana their storage requirements change on a month-to-month basis. They want to easily monitor their Cloud costs/usage and grow their resources.
Which self-service platform will fill their requirements?

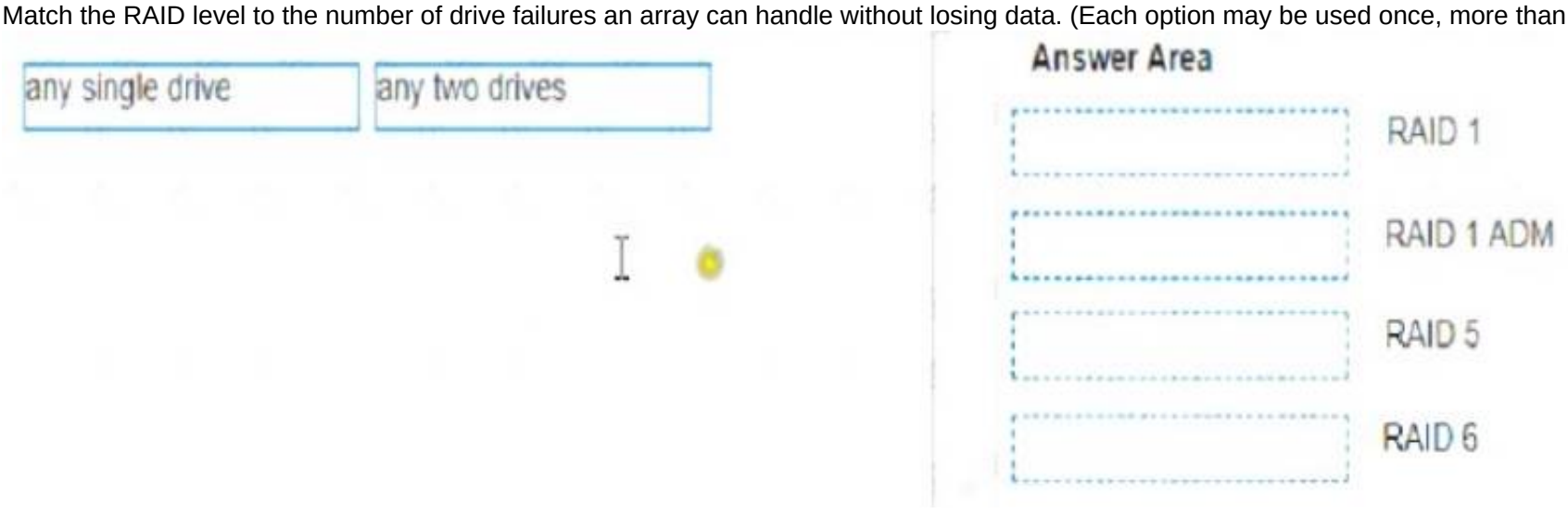
A. HPE InfoSight
B. HPE GreenLake central
C. HPE GreenLake Data Services Cloud Console
D. HPE Compute Ops Management

Answer: B

Explanation:
HPE GreenLake Central is a self-service platform that gives customers a consistent cloud experience for all their applications and data, across edges, colocations, and data centers. Some of the features of HPE GreenLake Central include:

- Easily monitor cloud costs and usage: HPE GreenLake Central provides customers with visibility and control over their cloud spending and consumption across hybrid environments. Customers can view their usage and costs by service, location, application, or business unit. They can also set budgets, alerts, and policies to optimize their cloud resources and expenses.
- Grow resources as needed: HPE GreenLake Central enables customers to scale up or down their cloud services and resources as their business needs change. Customers can access a catalog of cloud services from HPE and partners through a self-service portal and order them with a few clicks. They can also leverage buffer capacity that is ready to use in minutes, not months.

NEW QUESTION 5
Match the RAID level to the number of drive failures an array can handle without losing data. (Each option may be used once, more than once, or not at all.)



A. Mastered
B. Not Mastered

Answer: A

Explanation:

- RAID 1: any single drive
- RAID 1 ADM: any two drives
- RAID 5: any single drive

- RAID 6: any two drives
- RAID 1: This is a level of RAID that uses mirroring to create an exact copy of data on two or more disks. It can tolerate the failure of any single drive without losing data, as long as the other drive is still functional.
- RAID 1 ADM: This is a level of RAID that uses advanced data mirroring to create two copies of data on three disks. It can tolerate the failure of any two drives without losing data, as long as the third drive is still functional.
- RAID 5: This is a level of RAID that uses striping with parity to distribute data and parity information across three or more disks. It can tolerate the failure of any single drive without losing data, as long as the other drives can reconstruct the data from the parity information.
- RAID 6: This is a level of RAID that uses striping with double parity to distribute data and two sets of parity information across four or more disks. It can tolerate the failure of any two drives without losing data, as long as the other drives can reconstruct the data from the double parity information.

NEW QUESTION 6
What does an SSD wear Gauge define?

A. Remaining lifetime for the SSD drive
B. Type of technology used within the SSD drive
C. Type of interface used for the SSD drive
D. Maximum speed of the SSD drive

Answer: A

Explanation:
According to HPE, SmartSSD Wear Gauge is a feature that provides an estimate of the remaining useful life of an SSD drive based on its usage patterns1. It can help you monitor the health and performance of your SSD drives and plan for replacement or upgrade when needed1.

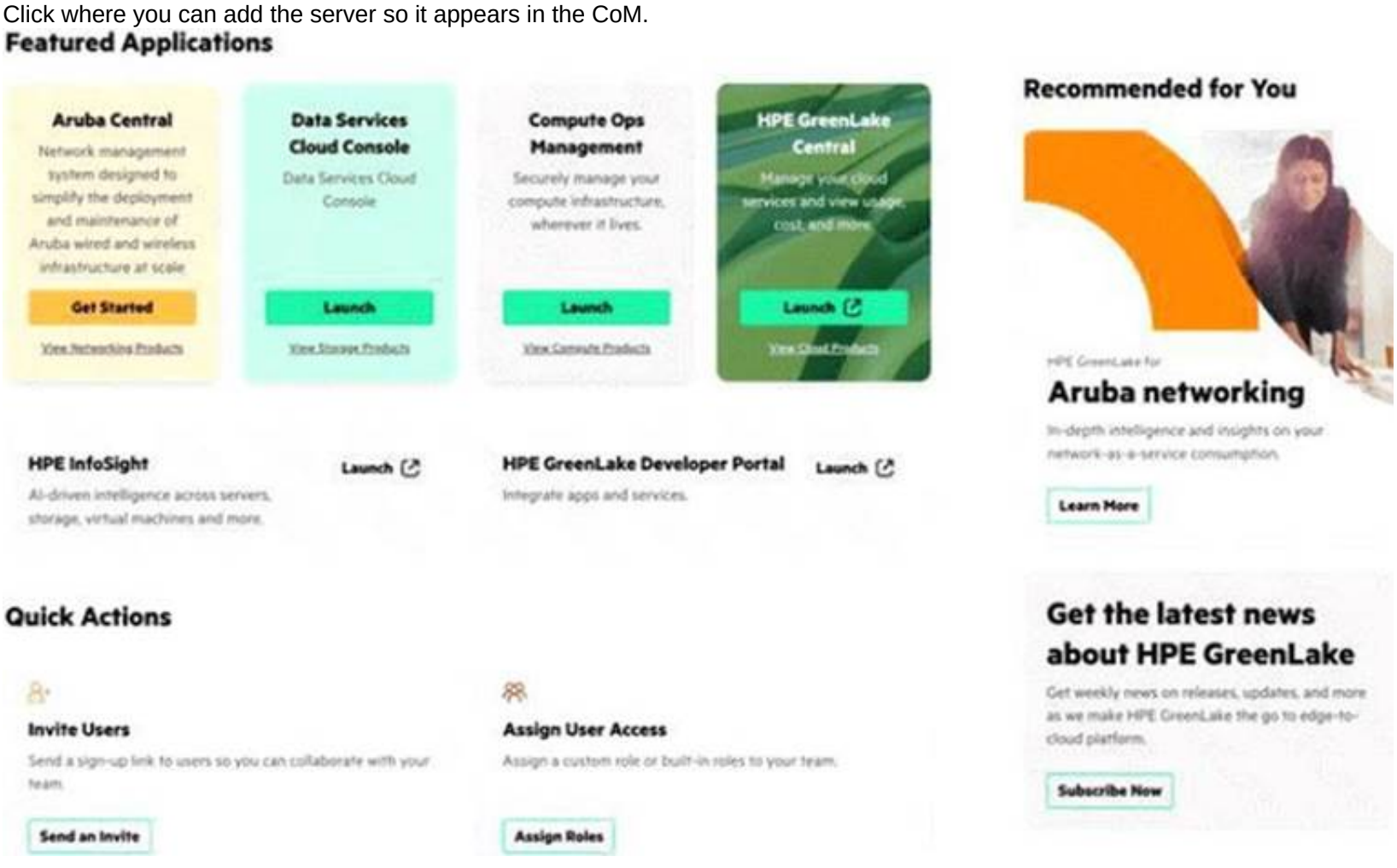
NEW QUESTION 7
Your customer wants a new server tor a File & print workload.
What are the most important factors to consider?(Select two.)

A. support level
B. power supply wattage
C. storage capacity
D. transfer rate
E. form factor

Answer: CE

Explanation:
This is because a file and print workload requires a server that can store and share large amounts of data with multiple users and devices. Therefore, the server should have enough storage capacity to meet the current and future data needs of the customer. The form factor of the server also matters because it determines how much space the server occupies and how easy it is to install and maintain. Depending on the customer’s preferences and constraints, they may choose a tower, rack or blade server.

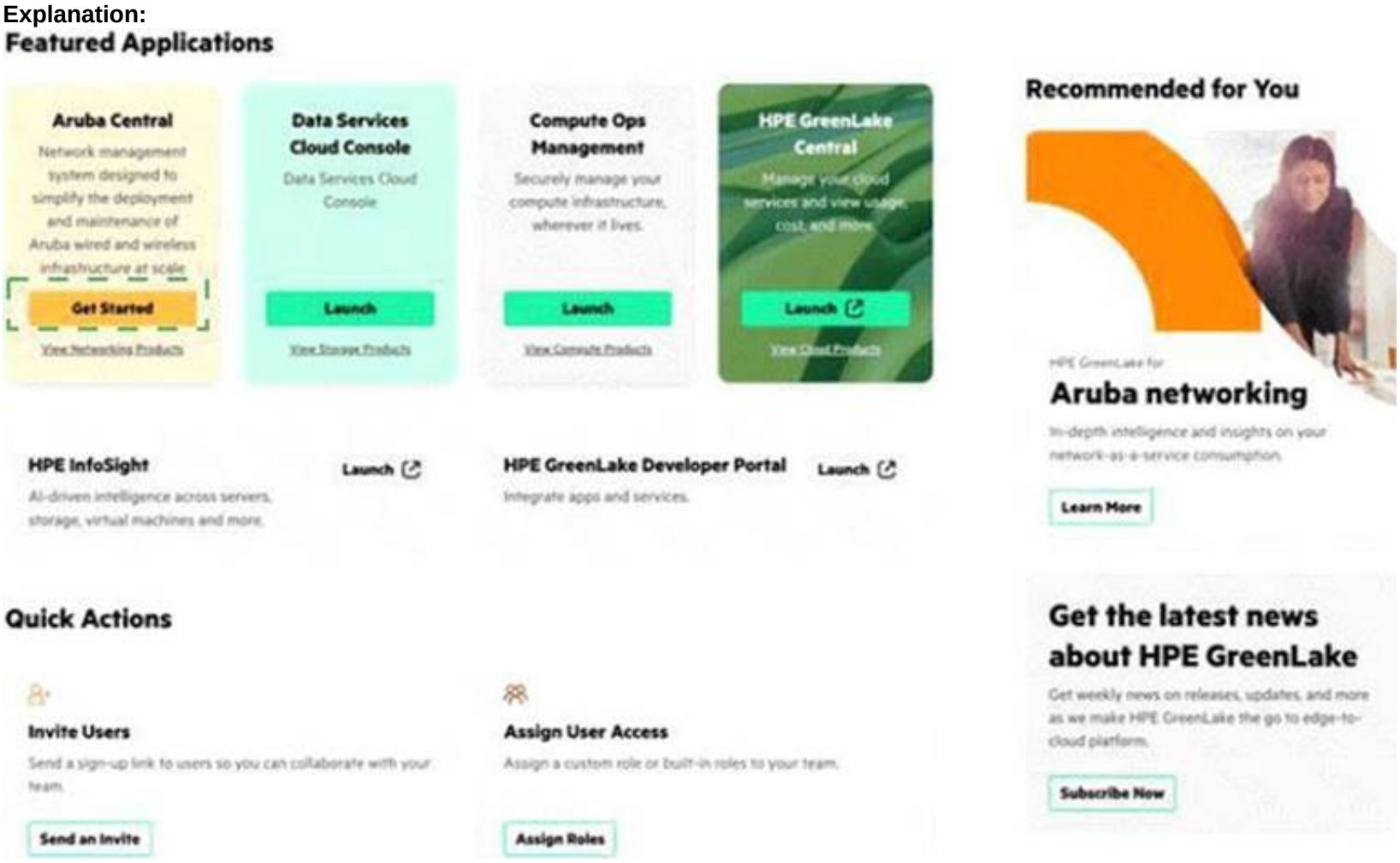
NEW QUESTION 8
You connect to the compute ops Management (COM) through the Green lake Cloud Platform dashboard. The server you want to manage is missing
Click where you can add the server so it appears in the CoM.



A. Mastered
B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 9
you are preparing a proposal to refresh your customers existing OL380 GE and G7 servers With newer generations. Before making a decision, your customer needs to know if a refresh is worth the cost.
Which option show the value of the purchase to your customer?

A. Solution sales Enablement Tool
B. selective Storage presentation
C. TCO/ROI Calculator
D. Smart CID

Answer: C

Explanation:
According to HPE, the TCO/ROI Calculator is a tool that helps you compare the total cost of ownership (TCO) and return on investment (ROI) of different server solutions1. It can help you demonstrate how a server refresh can reduce costs, improve performance, and increase efficiency for your customer.

NEW QUESTION 10
you want to quickly 100k up the list price of an HPEhardware component. Which pre-saves toolhas a QuickQuotefunction?

A. HPE smart CID
B. HPE CloudPhysics
C. HPE seismic
D. HPE ProductBlletin

Answer: D

Explanation:
This tool has a Quick Quote function that allows you to quickly look up the list price of an HPE hardware component by entering the product number or selecting from a list of products. You can also add multiple products to a quote and export it to a file or email it to yourself or others.

NEW QUESTION 10
Review the Exhibit:

Match the definition to each colored boxed acronym from the image.

Answer Area

Box		Definition
"P"		Class of Raid Controller
"4"		Controller Type (form factor)
"16"		Number of SAS lanes
"ie"		Port Type
"m"		Smart Array Series

A. Mastered
B. Not Mastered

Answer: A

Explanation:
p: Class of Raid Controller 4: Number of SAS lanes 16: Smart Array Series
ie: Port Type
m: Controller Type (form factor)
HPE Smart Array P416ie-m SR Gen10 Controller is a flexible Smart Array controller that provides enterprise-class storage performance, increased internal scalability with SAS Expander Card, and data protection for HPE Synergy Compute Modules. The controller has these features:

- p: The P stands for Performance class, which indicates that the controller has high performance and reliability for demanding workloads.
- 4: The 4 indicates that the controller has four SAS lanes per port, which means that it can support up to four SAS devices per port.
- 16: The 16 indicates that the controller belongs to the 16th generation of Smart Array controllers, which offer enhanced security, performance, and manageability.
- ie: The ie stands for internal/external, which means that the controller has both internal and external ports. The internal ports connect to the drives inside the compute module, while the external ports connect to the SAS Expander Card or external storage devices.
- m: The m stands for mezzanine, which means that the controller is a mezzanine card that plugs into a dedicated slot on the compute module.

NEW QUESTION 14
A customerwants to create a 3TBboot partition on their HPE Pt0Ljant DL360 Gen10Plus server. What setting must De enabled to allow this configuration?

A. Secure Boot
B. unlimitedExtensible Firmware Interface (UEFI) Boot Mode
C. Legacy BIOS Boot Mode
D. Virtuaulization-Maxjmum pertormance

Answer: B

Explanation:
setting that must be enabled to allow a 3TB boot partition on their HPE ProLiant DL360 Gen10 Plus server is B. Unified Extensible Firmware Interface (UEFI) Boot Mode. This is because UEFI Boot Mode supports booting from disks larger than 2.2 TB by using the GUID Partition Table (GPT) format. GPT allows for partitions of up to 9.4 ZB (9.4 x 10^21 bytes) in size.12

NEW QUESTION 15
your customer needs to capture, store, manage, and analyze a dataset that exceeds capacity of typical database software tools.
What storage technology should you propose to meet their needs?

A. Block Storage
B. Containers
C. Big Data
D. File Storage

Answer: C

Explanation:
According to Simplilearn, big data storage is a new technology that allows you to store large amounts of data that exceed the capacity of typical database software tools1. Big data storage can handle various types of data, such as structured, unstructured, or semi-structured data, and provide fast and scalable access to it1.

NEW QUESTION 20
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