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# Question 1

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## Question Type: MultipleChoice

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Your customer needs to accelerate the performance Of their DL380 Gen10 servers running workloads on more active cores at higher Clock frequencies. The customer wants to know if Core Boosting will help.

What advice Should you provide?

### Options:

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- A- It is only supported on ProLiant DL Gen11 servers.
- B- It is a software solution and has performance limitations.
- C- It is only supported on certain Intel processors.
- D- It is an AMD technology so it is unavailable to them

### Answer:

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C

### Explanation:

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Core Boosting technology uses a relaxed and optimized turbo profile that adapts the processor to specific use cases, configurations, and environments. Core Boosting processors take advantage of extra server power and thermal headroom provided by an innovative HPE voltage regulator design and by cooling technologies. Consequently, systems that have Core Boosting processors can alleviate common setbacks and maximize processor computing power.

However, Core Boosting option is only supported in ProLiant Gen10 servers with certain Intel processors<sup>1</sup>. The HPE ProLiant DL380 Gen10 server data sheet<sup>2</sup> lists the supported processors for Core Boosting as:

Intel Xeon Gold 6148 Processor (20 core, 2.4 GHz, 27.5 MB L3 cache)

Intel Xeon Gold 6154 Processor (18 core, 3.0 GHz, 24.75 MB L3 cache)

Intel Xeon Gold 6152 Processor (22 core, 2.1 GHz, 30.25 MB L3 cache)

Intel Xeon Platinum 8168 Processor (24 core, 2.7 GHz, 33 MB L3 cache)

Therefore, if your customer's DL380 Gen10 servers are running workloads on more active cores at higher clock frequencies, they can benefit from Core Boosting technology if they have one of these supported Intel processors.

## Question 2

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**Question Type:** MultipleChoice

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Which license is needed in an HPE SimpliVity environment where automata disaster recovery capabilities are required?

### Options:

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- A- Veeam Backup & Replication
- B- VMware Site Recovery Manager
- C- HPE Peer Persistence
- D- HPE RapidDR

### Answer:

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D

### Explanation:

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HPE RapidDR: This license is incorrect, as HPE RapidDR is a disaster recovery orchestration tool that automates the failover of a pre-configured set of virtual machines from a production site to a recovery site on HPE SimpliVity. It leverages the built-in backup and replication capabilities of HPE SimpliVity and simplifies the disaster recovery process.

[HPE SimpliVity is a hyperconverged infrastructure solution that combines compute, storage, networking, and data services in a single platform. It provides high performance, efficiency, and resiliency for various workloads, including edge, VDI, and general virtualization1.](#)

## Question 3

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**Question Type:** MultipleChoice

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Which combination of HPE solutions can provide data validation on MSL3040 and LTO-9 cartridges?

### Options:

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- A- HPE Command View for Tape Libraries and HPE TapeAssure Advanced
- B- Library and Tape Tools and HPF StoreEver TapeAssure Advanced Software
- C- HPE Command View for Tape Libraries and HPE StoreEver Data Verification
- D- HPE Command View for Tape Libraries and Library and Tape Tools

### Answer:

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B

### Explanation:

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Library and Tape Tools and HPF StoreEver TapeAssure Advanced Software: This combination is incorrect, as Library and Tape Tools (L&TT) is a diagnostic tool that allows you to perform firmware upgrades, run tests, and verify data on tape devices. HPE StoreEver TapeAssure Advanced Software is a software that provides data integrity, performance, health, and utilization reports for tape drives and cartridges, and it works with L&TT to perform data verification<sup>2</sup>.

## Question 4

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**Question Type:** MultipleChoice

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Your customer has a large DL380 Gen10 and DL385 Gen10 Plus server farm. They only have a small staff monitoring and managing these servers. You need to recommend a management service that Will allow them to free up resources and automate management.

What HPE management service should they use?

### Options:

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- A- HPE GreenLake Compute Ops Manager
- B- HPE CloudPhysics
- C- iLO5 Lifecycle Management
- D- HPE InfoSight

### Answer:

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A

## Explanation:

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This is because HPE GreenLake Compute Ops Management is a cloud-based service that provides a unified and automated way to monitor, manage and update servers remotely through a web console. It can help customers free up resources and automate management tasks such as firmware updates, compliance checks, server health monitoring and troubleshooting. It can also support servers across different locations and platforms, whether on premises, at the edge or in the cloud.

## Question 5

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### Question Type: MultipleChoice

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What benefit does using HPE GreenLake central provide for customers?

## Options:

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- A-** It provides aggregated usage across on-premises and cloud deployments in AWS and Microsoft Azure.
- B-** It provides One-Click provisioning through a pre-packaged application store with curated, prebuilt images for a wide range of applications.
- C-** It can run real-time assessments and offer insights about potential exposure to failures and external attacks.

**D-** It can analyze different workloads the customer is running and provide guidance on the best server for the workload.

**Answer:**

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A

**Explanation:**

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This is because HPE GreenLake Central is an online portal that enables customers to manage and optimize their hybrid cloud environments. It provides a unified view of the costs, capacity, consumption and compliance of their on-premises GreenLake systems and their public cloud platforms such as AWS and Azure. It also offers insights and recommendations to help customers improve their IT performance, ROI and data protection.123

## Question 6

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**Question Type:** MultipleChoice

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An HPE ProLiant DL380 Gen10 Plus server had a power supply issue, and it failed to alert the customer and create a case With HPE support.

What additional step is required to activate this feature?



### Options:

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- A- Add the server to the existing ILO 5 Federation
- B- Apply the ILO 5 Advanced License
- C- Connect the server to an HPE Remote Support Host Server
- D- Enable the Remote Console within iLO 5

### Answer:

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C

### Explanation:

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This is because HPE Remote Support is a service that provides proactive and reactive support for HPE servers, storage, and networking products. It enables automatic fault detection and diagnosis, remote troubleshooting, and case creation and management. To use this service, the server must be connected to an HPE Remote Support Host Server, which is a server that runs the HPE Remote Support software and communicates with the HPE Support Center

## Question 7

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**Question Type:** MultipleChoice

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Your customer wants a new server for a File & print workload.

What are the most important factors to consider? (Select two.)

### Options:

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

### Answer:

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C, E

### Explanation:

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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.

## Question 8

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**Question Type:** MultipleChoice

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A customer wants to set up a site-to-site replication using Fibre Channel to a Site that is 10 Kilometers away.

What cable must be used to achieve this?

### Options:

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- A- Single-mode fiber optic cable
- B- Flex fiber cable
- C- Multimode fiber optic cable
- D- Polymer optical fiber cable

### Answer:

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A

## Explanation:

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[https://en.wikipedia.org/wiki/Fibre\\_Channel](https://en.wikipedia.org/wiki/Fibre_Channel)

<https://www.techtarget.com/searchnetworking/tutorial/Network-cable-history-and-fundamentals-Cabling-tips-for-network-professionals-lesson-1>

[https://fibrenchannel.org/wp-content/uploads/2016/04/Fibre\\_Channel\\_Connectivity\\_White\\_Paper\\_04-06-16.pdf](https://fibrenchannel.org/wp-content/uploads/2016/04/Fibre_Channel_Connectivity_White_Paper_04-06-16.pdf)

This is because single-mode fiber optic cable has a small core diameter that allows only one mode of light to propagate. This reduces signal attenuation and enables longer transmission distances than multimode fiber optic cable, which has a larger core diameter that allows multiple modes of light to propagate. Single-mode fiber optic cable can support distances up to 40 kilometers for Fibre Channel applications.

## Question 9

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**Question Type:** MultipleChoice

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When designing new server environments, you need to determine the maximum equipment wattage and thermal requirements at the unit (chassis) and rack level.

Which HPE tool should be used?

**Options:**

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- A- HPE Infostight
- B- HPE Smart Storage Administrator
- C- HPE Power Advisor
- D- HPE OneView

**Answer:**

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C

**Explanation:**

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This is a tool that helps you estimate power consumption and thermal output for HPE servers, storage, and networking products. You can use it to design new server environments or validate existing ones by selecting the products and configurations you want and generating a detailed report that shows the power and cooling requirements at the unit and rack level.

## Question 10

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**Question Type:** MultipleChoice

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A customer wants to create a 3TB boot partition on their HPE ProLiant DL360 Gen10 Plus server.

What setting must be enabled to allow this configuration?

**Options:**

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- A- Secure Boot
- B- unlimited Extensible Firmware Interface (UEFI) Boot Mode
- C- Legacy BIOS Boot Mode
- D- Virtualization-Maximum performance

**Answer:**

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B

**Explanation:**

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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<sup>21</sup> bytes) in size.<sup>12</sup>

# Question 11

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## Question Type: MultipleChoice

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you need to explain how the HPE GreenLake platform can help your customers business become more agile.

What information you provide? (Select two)

### Options:

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- A- customers can control costs Since advanced metering allows them to only pay for what is used.
- B- The HPE GreenLake platform is always managed by HPE, reducing the need for internal IT staff.
- C- HPE actively monitors, manages, and deploys capacity ahead of demand so the customer can scale With ease within an installed buffer
- D- HPE GreenLake provides infinite scale to the customer at no additional cost with its scale up policy.
- E- HPE GreenLake provides a larger hardware portfolio than traditional HPE hardware solutions

### Answer:

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A, C

### Explanation:

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HPE GreenLake is a cloud services platform that delivers on-demand capacity and planning, combining the agility and economics of the public cloud with the security and performance of on-premises IT. Some of the benefits of HPE GreenLake include:

Customers can control costs since advanced metering allows them to only pay for what is used: HPE GreenLake offers a pay-per-use model that aligns costs with actual usage, reducing overprovisioning and improving cash flow. Customers can also scale up or down as needed and only pay for what they use.

HPE actively monitors, manages, and deploys capacity ahead of demand so the customer can scale with ease within an installed buffer: HPE GreenLake provides customers with buffer capacity that is ready to use in minutes, not months, enabling them to respond quickly to changing business needs. Customers can also access a range of cloud services from HPE and partners through a self-service portal.



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