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HPE GreenLake Administrator Essentials

HP HPE0-G01

Version Demo

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Topic Break Down

Topic	No. of Questions
Topic 1, HPE GreenLake Cloud Platform	53
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QUESTION NO: 1

What is the focus of HPE GreenLake for Containers? Response:

A. Offering container orchestration and management

B. Streamlining email communication

C. Managing virtual reality platforms

D. Providing scalable storage for media files

E. Enhancing social media integrations

ANSWER: A

Explanation:

HPE GreenLake for Containers focuses on offering container orchestration and management. The service is designed to help organizations run containerized applications using Kubernetes-based capabilities while reducing the operational burden associated with deploying, operating, and scaling the underlying platform. Container orchestration automates essential lifecycle activities, including application deployment, scheduling, scaling, networking, availability, and ongoing management of container workloads.

This focus aligns with the broader HPE GreenLake approach of delivering cloud operational simplicity for enterprise IT. Rather than requiring customers to build and maintain every component of a container platform independently, HPE provides an integrated experience intended to make Kubernetes environments easier to consume and manage. This enables development and operations teams to concentrate more on delivering applications while retaining enterprise governance, control, and infrastructure flexibility. HPE describes its cloud platform and cloud services at HPE GreenLake, and its Kubernetes and container offerings at HPE Kubernetes solutions.

QUESTION NO: 2

A finance stakeholder sees an increase in HPE GreenLake charges during the last reporting period. The stakeholder needs to determine whether the increase reflects higher resource consumption or a change in service scope. What should be reviewed first?

A. A physical inventory report only

B. A public hardware price list

C. Consumption and service information in the HPE GreenLake management platform

D. An application source-code repository

ANSWER: C

Explanation:

Consumption and service information in the HPE GreenLake management platform is correct because the platform provides authorized users with visibility into services, capacity, usage, and associated financial information. Comparing the consumption trend with the subscribed service scope is the appropriate first step before making capacity or budget decisions.

A physical inventory report alone does not show measured service consumption. A public hardware price list and an application source-code repository do not explain GreenLake service usage or charges.

QUESTION NO: 3

A financial-services customer must keep a latency-sensitive database in its own data center because of data-residency requirements. The customer also wants cloud-like consumption and centralized management. Which HPE GreenLake approach best meets this requirement?

A. A shared public-cloud tenancy managed by the customer

B. HPE GreenLake for Private Cloud with dedicated, on-premises resources

C. A traditional infrastructure purchase with no consumption model

D. A Kubernetes orchestration service without dedicated infrastructure

ANSWER: B

Explanation:

HPE GreenLake for Private Cloud with dedicated, on-premises resources is correct because it provides a cloud operating experience while allowing workloads and data to remain in a customer-controlled location. This approach supports requirements for data locality, predictable latency, and dedicated infrastructure without requiring the customer to use a shared public-cloud tenancy.

A public-cloud-only deployment may not satisfy the stated residency and latency constraints. A traditional infrastructure purchase does not provide the same consumption-based cloud experience, and container orchestration alone does not address workload location or dedicated infrastructure requirements.

QUESTION NO: 4

Which feature is essential for the integration of machine learning workflows in HPE GreenLake? Response:

A. Multi-cloud management

B. High-performance computing clusters

C. Automated data backup

D. GPU acceleration

ANSWER: D

Explanation:

GPU acceleration is essential because machine learning workflows commonly require substantial parallel computing capacity, particularly for training and serving complex models. GPUs are designed to execute many mathematical operations simultaneously, making them well suited to the matrix and tensor calculations used by modern AI and machine learning frameworks. In an HPE GreenLake environment, GPU-enabled infrastructure supplies the accelerated compute foundation needed for data scientists and applications to run demanding training, fine-tuning, and inference workloads with practical performance and scale.

HPE positions its AI offerings around providing purpose-built, scalable infrastructure for the full AI lifecycle, including accelerated compute for AI workloads. This allows organizations to consume high-performance AI resources through the GreenLake cloud experience while maintaining control over where workloads and data run. GPU acceleration therefore directly enables machine learning workflows by reducing processing time and supporting the compute-intensive operations on which those workflows depend. HPE's overview of its AI solutions is available at HPE Artificial Intelligence solutions, and its GreenLake platform information is available at HPE GreenLake cloud platform.

QUESTION NO: 5

Which parameters are essential to a service level agreement with a cloud service provider?

(Select two.)

Response:

A. Disaster recovery expectations

B. Health and safety expectations

C. Availability

D. Financial costs

E. Supported devices

ANSWER: A C

Explanation:

Disaster recovery expectations and **Availability** are essential service-level-agreement parameters because they establish measurable commitments for service continuity and reliability. Disaster-recovery expectations define how the provider will restore workloads and data following a major disruption. The agreement should state the accepted maximum period before service restoration and the accepted amount of data that could be lost, along with the responsibilities, procedures, and testing expectations that support recovery. These details allow an organization to align the provider's recovery capability with its business-continuity requirements.

Availability establishes the expected proportion of time that the cloud service will be accessible during a defined measurement period. A meaningful commitment identifies the service scope, measurement method, exclusions such as scheduled maintenance, and the remedy or service credit process if the target is missed. Availability targets are especially important for applications whose users or business processes depend on continuous access. Together, availability and disaster-recovery commitments address both normal operational reliability and restoration after significant incidents. NIST identifies availability as a core information-security objective and discusses the importance of service agreements and provider responsibilities in cloud computing: NIST SP 800-144. The Cloud Security Alliance also describes the need for cloud contracts to address availability, resilience, and recovery commitments: Cloud Controls Matrix.

QUESTION NO: 6

What customer pain points are targeted by HPE GreenLake's solutions?

(Choose Two):

Response:

A. Lack of cloud service options

B. Requirement for constant hardware upgrades

C. Need for high upfront capital investment

D. Demand for rapid deployment of resources

ANSWER: C D

Explanation:

HPE GreenLake directly addresses the **Need for high upfront capital investment** through its edge-to-cloud, consumption-based operating model. Instead of requiring an organization to purchase and own all required infrastructure capacity at the outset, GreenLake allows capacity to be consumed and paid for in a manner aligned to usage. This helps customers preserve capital, improve cost visibility, and avoid overprovisioning solely to accommodate future growth.

The **Demand for rapid deployment of resources** is also a central customer need addressed by GreenLake. HPE provides a cloud-like experience for deploying and managing infrastructure and cloud services, while maintaining appropriate control over where workloads and data reside. Preconfigured capacity, operational services, and a unified management experience can reduce the time and operational effort needed to make resources available. This supports business agility when requirements change or new workloads must be brought online quickly.

These benefits reflect GreenLake's stated focus on providing a cloud experience across hybrid environments, combining on-demand scalability with managed operations and consumption-based economics. See the HPE GreenLake platform overview and HPE's Flexible Capacity information for details on the consumption model and available capacity.

QUESTION NO: 7

In HPE GreenLake Essentials, who is responsible for the physical security of the infrastructure? Response:

A. The customer.

B. Third-party vendors.

C. varies depending on the agreement.

D. HPE

ANSWER: A

Explanation:

The customer is responsible for the physical security of the infrastructure in an HPE GreenLake Essentials deployment because the GreenLake infrastructure is typically installed and operated at the customer's selected site. The customer provides and controls the facility in which the equipment resides, so it must maintain appropriate physical and environmental protections. This includes restricting unauthorized access to the equipment area, maintaining secure building access, and providing suitable site conditions such as power, cooling, and protection from environmental risks. HPE delivers, manages, and supports the subscribed infrastructure and services, but the customer retains responsibility for securing its premises and the physical environment where that infrastructure is located. This allocation is consistent with the GreenLake consumption model: HPE manages the service and infrastructure operations within the agreed service scope, while the customer is accountable for its site and facility obligations. HPE's GreenLake overview describes the platform as a cloud experience delivered to customer locations, and HPE's customer terms establish customer obligations for providing an appropriate and secure operating environment. See HPE GreenLake and HPE Customer Terms.

QUESTION NO: 8

What is integral part of the HPE GreenLake offering? Response:

A. Cloud services and solutions

B. Exclusive third-party software

C. Only physical servers

D. Networking equipment

ANSWER: A

Explanation:

Cloud services and solutions is an integral part of HPE GreenLake because GreenLake is HPE's hybrid cloud platform and portfolio of cloud services. It is designed to deliver a cloud experience for workloads and data wherever they reside, including edge locations, customer data centers, colocation facilities, and public clouds. Rather than being limited to a particular hardware category, GreenLake combines a cloud operating and consumption experience with services and solutions spanning infrastructure, data, applications, and operations.

A key aspect of the offering is its cloud consumption model: customers can access capacity and services with metering and flexible consumption while retaining appropriate control over their environments. GreenLake Central provides a unified platform experience for managing services, cost, governance, security, and operations across hybrid environments. Consequently, "Cloud services and solutions" accurately identifies a foundational component of the GreenLake offering, reflecting both the services HPE delivers and the hybrid cloud outcomes the platform is intended to support.

HPE describes the platform and its cloud-service approach at HPE GreenLake and provides details on the management experience at HPE GreenLake Central.

QUESTION NO: 9

Which components are essential to the HPE GreenLake ecosystem?

(Choose Two):

Response:

A. Proprietary operating systems

B. Hybrid cloud management

C. Third-party financial services

D. Integrated storage solutions

ANSWER: B D

Explanation:

HPE GreenLake is designed as a hybrid-cloud, as-a-service operating model rather than as a single infrastructure product. **Hybrid cloud management** is essential because the HPE GreenLake platform provides a common cloud operating experience for managing services, data, workloads, and operations across customer locations, private-cloud resources, and public clouds. This centralized management capability helps organizations apply consistent visibility, governance, and operational processes in distributed environments.

Integrated storage solutions are also a core part of the ecosystem. HPE GreenLake delivers data-storage capabilities through cloud-managed, consumption-based services, including block, file, and object storage offerings. Integrating storage with the GreenLake platform enables organizations to consume capacity on demand while retaining appropriate control over where data resides and how it is managed. Storage is therefore a foundational infrastructure service that supports the platform's flexible hybrid-cloud experience and its broader workload and data-management capabilities.

HPE describes the platform and its hybrid-cloud operating model at HPE GreenLake. Its consumption-based data-storage portfolio is described at HPE GreenLake for Storage.

QUESTION NO: 10

What are key considerations when migrating to cloud solutions?

(Choose Two)

Response:

A. Selection of coffee machines in the break room

B. Data migration strategies

C. Employee dress code

D. Integration with existing systems

ANSWER: B D

Explanation:

Data migration strategies are a key cloud-migration consideration because an organization must determine how data will be discovered, classified, transferred, validated, secured, and made available in the target environment. A practical strategy accounts for data volume, network capacity, transfer windows, dependencies, backup and rollback procedures, and the need

to preserve data integrity and regulatory requirements. Planning these activities reduces service interruption and helps ensure that applications can operate with complete, trusted data after cutover.

Integration with existing systems is equally important because cloud workloads commonly need to exchange data and transactions with remaining on-premises applications, identity services, networks, monitoring tools, and business processes. The migration design should therefore assess interfaces, APIs, connectivity, authentication, latency, security controls, and operational ownership. Addressing integration early supports a hybrid operating model and allows the organization to retain necessary existing capabilities while adopting cloud resources. HPE GreenLake is designed to support hybrid-cloud operations and consistent management across environments, making migration planning and interoperability central concerns. See HPE GreenLake and HPE Cloud Migration Services for HPE guidance on cloud transformation and migration planning.

QUESTION NO: 11

Which features are part of the HPE GreenLake for Private Cloud solution?

(Choose Two)

Response:

A. Public cloud billing methods

B. Hybrid cloud management

C. Dedicated, on-premises resources

D. Multi-tenant environments

ANSWER: B C

Explanation:

HPE GreenLake for Private Cloud includes hybrid cloud management and dedicated, on-premises resources. HPE GreenLake is designed to provide a cloud operating experience while retaining private-cloud infrastructure in the customer's chosen location, such as a data center, colocation facility, or edge site. This model supports requirements for application performance, data locality, governance, and security while delivering cloud-style operational flexibility. The infrastructure is dedicated to the customer rather than being a shared public-cloud tenancy.

Hybrid cloud management is also a core capability because the HPE GreenLake platform provides a unified experience for managing private-cloud resources alongside broader hybrid IT services. It gives administrators visibility, operational controls, consumption information, and service management capabilities through a common cloud platform. This helps organizations operate workloads across private and public environments according to workload, cost, compliance, and business requirements. HPE describes its private cloud offerings as providing an agile cloud experience with control of a private environment, and its GreenLake platform as a hybrid-cloud platform for managing cloud services and operations. See HPE GreenLake private cloud and HPE GreenLake cloud platform.