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HPE0-V25

HPE ATP Hybrid Cloud Solution

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Question: 439

**** Memorize Question/Options in Screenshot ****

Match each HPE product with the customer requirements it meets.

Answer Area

Product

| MSL2024 |
| MSA2062 |
| StoreEasy 1560 |
| StoreOnce VSA |

Requirements

A hospital wants to store air-gapped copies of their medical imaging to protect against ransomware attacks and natural disasters.

A customer needs a low cost entry-level storage appliance with automatic tiering for their Fibre Channel environment.

A small software development company needs a solution for their growing file shares in their Microsoft environment.

Customer wants to backup and quickly recover their Hyper-V environment in a remote site with an option to backup to the cloud.

Answer:

Correct Answer:

Answer Area

Product

| MSL2024 |
| MSA2062 |
| StoreEasy 1560 |
| StoreOnce VSA |

MSL2024	A hospital wants to store air-gapped copies of their medical imaging to protect against ransomware attacks and natural disasters.
MSA2062	A customer needs a low cost entry-level storage appliance with automatic tiering for their Fibre Channel environment.
StoreEasy 1560	A small software development company needs a solution for their growing file shares in their Microsoft environment.
StoreOnce VSA	Customer wants to backup and quickly recover their Hyper-V environment in a remote site with an option to backup to the cloud.

Question: 440

Which feature is crucial for enhancing security at the access layer?

A. Quality of Service
B. Port Security
C. Link Aggregation
D. Multicast Routing

Answer: B

Explanation: Port Security helps to prevent unauthorized devices from

connecting to the network by restricting access to specific MAC addresses at the access layer.

Question: 441

Which of the following technologies is commonly used for workload migration in hybrid cloud environments?

A. Containers
B. Virtualization
C. Serverless computing
D. Blockchain

Answer: B

Explanation: Virtualization. Virtualization technology allows organizations to migrate workloads between different environments, such as on-premises and cloud, in a hybrid cloud setup. It abstracts the underlying hardware and creates virtual machines (VMs) that can be easily moved and run on different physical servers or cloud instances. This enables seamless workload migration and flexibility in deploying applications across hybrid cloud environments.

Question: 442

Which command in Unix/Linux can you use to view the contents of a log file in real-time?

A. cat
B. tail -f
C. less
D. grep

Answer: B

Explanation: The tail -f command allows users to view the end of a log file in real-time as new entries are added. This is particularly useful for monitoring ongoing processes.

Question: 443
What command is used to display the firmware version of an HPE storage device?

A. show firmware
B. display firmware-version
C. get firmware
D. firmware version

Answer: B

Explanation: The display firmware-version command provides detailed information about the firmware version running on HPE storage devices, critical for troubleshooting and updates.

Question: 444

What is the main benefit of HPE GreenLake for organizations?

A. Simplified management of IT infrastructure
B. Enhanced security of IT resources
C. Increased scalability of IT services
D. Improved performance of IT applications

Answer: A

Explanation: HPE GreenLake helps organizations by providing a cloud-based management platform for all IT resources. This allows for simplified management of various infrastructure components, such as servers, storage, and

networking. With a centralized platform, organizations can efficiently monitor and control their IT infrastructure, leading to improved operational efficiency and cost savings.

Question: 445

In a hybrid cloud environment, which type of file is essential for troubleshooting performance issues?

A. Temporary files
B. Configuration files
C. Log files
D. Backup files

Answer: C

Explanation: Log files are crucial for troubleshooting performance issues as they contain detailed records of system and application behavior, making it easier to identify the root cause of problems.

Question: 446

What command can be used to view the current routing table on an HPE switch?

A. show ip route
B. display routing
C. view routes
D. current routes

Answer: A

Explanation: The show ip route command displays the current routing table on HPE switches. This command helps administrators understand the paths available for packet forwarding.

Question: 647
What is the maximum number of PCIe slots available in the HPE ProLiant MicroServer Gen10 Plus?

A. 1
B. 2
C. 3
D. 4

Answer: B

Explanation: The HPE ProLiant MicroServer Gen10 Plus is equipped with 2 PCIe slots, allowing for expansion options to enhance functionality.

Question: 648
When selecting a server for a cloud-based application that requires rapid scaling, which option is optimal?
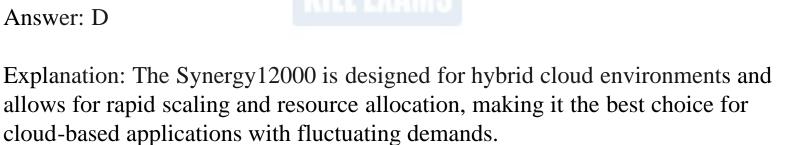
A. ML350
B. DL360
C. Apollo4200
D. Synergy12000

Answer: D

Explanation: The Synergy12000 is designed for hybrid cloud environments and allows for rapid scaling and resource allocation, making it the best choice for cloud-based applications with fluctuating demands.

Question: 649
What is the primary purpose of the HPE SimpliVity Sizer tool?

A. To analyze network performance

B. To estimate hardware costs
C. To facilitate accurate sizing of SimpliVity solutions
D. To monitor system health

Answer: C

Explanation: The HPE SimpliVity Sizer tool is specifically designed to provide accurate sizing recommendations for SimpliVity solutions based on existing workloads and resource requirements.

Question: 650
Which aspect of the Quick Quote function helps ensure that the configured components are compatible with each other?

A. Market analysis feature
B. Configuration validation
C. Price comparison tool
D. Quoting history

Answer: B

Explanation: Configuration validation is a critical aspect of the Quick Quote function, ensuring that all selected components are compatible and meet customer requirements.

Question: 651
Which command would you use to initiate a firmware upgrade on an HPE switch?

A. upgrade firmware
B. firmware update
C. flash upgrade
D. update firmware

Answer: D

Explanation: The update firmware command initiates the firmware upgrade process on an HPE switch. This command is critical for keeping the device secure and up to date.

Question: 652

What is the role of a cloud service broker in a hybrid cloud environment?

A. Provisioning and managing virtual machines
B. Providing secure access to cloud resources
C. Optimizing workload placement and resource utilization
D. Ensuring compliance with data protection regulations

Answer: C

Explanation: Optimizing workload placement and resource utilization. A cloud service broker plays a crucial role in a hybrid cloud environment by optimizing workload placement and resource utilization. It analyzes the requirements of different workloads and determines the best location for running them, whether it's in a public cloud, private cloud, or on-premises infrastructure. This helps ensure efficient resource allocation and cost optimization in a hybrid cloud setup.

Question: 653
To troubleshoot a connectivity issue between two routers, which command should you run to check for routing protocol updates?

A. show ip protocols
B. display updates
C. show routing updates

D. get protocol status

Answer: A

Explanation: The show ip protocols command provides information about the routing protocols currently running on the router, including their status and any updates.

Question: 654
Which command is used to create a new user account on an HPE switch?

A. user add
B. create user
C. local-user password
D. set user password

Answer: C

Explanation: The command local-user password creates a new user account on the switch, allowing for local authentication and access control.

Question: 655

Which HPE technology enables organizations to build and manage containerized applications across hybrid cloud environments?

A. HPE SimpliVity
B. HPE Ezmeral Container Platform
C. HPE Synergy
D. HPE Primera

Answer: B

Explanation: HPE Ezmeral Container Platform enables organizations to build and manage containerized applications across hybrid cloud environments. It provides a complete containerization platform with integrated Kubernetes orchestration, allowing organizations to develop, deploy, and manage containerized applications consistently across on-premises and public cloud environments.

Question: 656
In an HPE storage environment, which command is used to create a new LUN?

A. create lun
B. new lun
C. add lun
D. create volume

Answer: D

Explanation: The create volume command is used to create a new logical unit number (LUN) in HPE storage systems. This command allows administrators to allocate storage for applications or hosts.

Question: 657
In cloud architectures, how can log files be utilized for real-time monitoring?

A. By storing them on local machines
B. By integrating with monitoring tools that analyze logs in real-time
C. By disabling logging
D. By archiving them weekly

Answer: B

Explanation: Integrating log files with real-time monitoring tools allows for immediate analysis and response to system events, enhancing the overall

monitoring capability of cloud architectures.

Question: 658
What command would you use to display the active connections on an HPE storage system?

A. list connections
B. show active sessions
C. display connections
D. active connections

Answer: B

Explanation: The show active sessions command provides a list of all active connections or sessions on the HPE storage system, helping administrators monitor usage and performance.

Question: 659

Which of the following is a benefit of using a hybrid cloud solution for disaster recovery?

A. Lower cost of infrastructure
B. Increased network performance
C. Improved scalability
D. Enhanced data redundancy and resilience

Answer: D

Explanation: Enhanced data redundancy and resilience. Using a hybrid cloud solution for disaster recovery provides enhanced data redundancy and resilience. By replicating critical data and workloads across multiple cloud environments, organizations can ensure that their data is protected from

potential failures or disasters. In the event of an outage or data loss, the organization can quickly recover and restore operations by leveraging the redundancy and resilience provided by the hybrid cloud infrastructure.

Question: 660

What is a key characteristic of Apache Kafka in the context of big data solutions?

A. It is primarily a relational database management system.
B. It enables real-time data streaming.
C. It requires a fixed schema for data storage.
D. It is not scalable.

Answer: B

Explanation: Apache Kafka is a distributed streaming platform that enables real-time data streaming and processing. Its ability to handle high-throughput data streams makes it a crucial component in modern big data architectures.

Question: 661

Which file system type is commonly used in HPE hybrid cloud solutions for performance optimization?

A. NTFS
B. ext4
C. FAT32
D. APFS

Answer: B

Explanation: The ext4 filesystem is widely used in Linux environments, including HPE hybrid cloud solutions, for its performance, reliability, and

support for large files.

Question: 662
When using HPE iLO 5, which feature helps in diagnosing hardware issues?

A. iLO Power Management
B. iLO Remote Console
C. iLO Health Status
D. iLO Virtual Media

Answer: C

Explanation: The iLO Health Status feature provides real-time monitoring of hardware components, helping administrators diagnose potential hardware issues before they lead to system failures.

Question: 663
Which command is used to enable OSPF on a router interface?

A. ip ospf enable
B. ospf interface
C. ip ospf [process-id] area [area-id]
D. interface ospf

Answer: C

Explanation: The command ip ospf [process-id] area [area-id] is used to enable OSPF on a specific interface by associating it with a process ID and area ID.

Question: 664
What is a potential risk of not regularly updating backup files?

A. Increased system performance

B. Data integrity

C. Loss of recent data

D. Simplified recovery process

Answer: C

Explanation: Failing to regularly update backup files can result in the loss of recent data, as any changes made after the last backup are not saved, making recovery more difficult.

Question: 665

Which command can be used to view the access control lists (ACLs) on an Aruba switch?

A. show access-lists

B. display acl

C. view acl

D. show acl

Answer: D

Explanation: The show acl command displays the configured access control lists on an Aruba switch, detailing rules that govern traffic flow and security policies.

Question: 666

Which of the following can be monitored through the iLO 5 dashboard?

A. Server temperature

B. CPU utilization

C. Memory usage

D. All of the above

Answer: D

Explanation: The iLO 5 dashboard provides comprehensive monitoring capabilities, allowing administrators to keep track of server temperature, CPU utilization, memory usage, and other vital metrics.

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