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HPE Edge-to-Cloud Solutions Sample Questions (Q92-Q97):

NEW QUESTION # 92

You need to determine whether there is resource contention between VMs in an HPE Hyper-V environment. Which tool should you use?

- A. HPE CloudPhysics
- B. HPE NinjaSTARS
- C. HPE In
- D. HPE Single Point of Connectivity Knowledge

Answer: A

Explanation:

HPE CloudPhysics is a SaaS-based platform that provides data-driven insights and recommendations for optimizing the performance, availability, and cost of virtualized environments. HPE CloudPhysics collects and analyzes data from various sources, such as hypervisors, VMs, storage, and network devices, and applies machine learning and analytics to identify and resolve issues, such as resource contention, misconfigurations, bottlenecks, and inefficiencies. HPE CloudPhysics can help you monitor and troubleshoot HPE Hyper-V environments, as well as compare and plan migrations to HPE GreenLake or other cloud platforms.

NEW QUESTION # 93

Your customer has asked you to design a new platform to support their existing VMware cluster. The current environment runs their business applications along with several customer facing applications that are critical to the business. The current platform is two aged C7000 blade chassis with 16 blades in total connected via Fibre Channel to an HPE 3PAR storage array with 230TB of usable capacity. They are using Micro Focus Data Protector and tape for backup.

They are looking to upgrade the environment and improve their recovery times while reducing the management overhead.

Which server, storage, and data protection strategy meet all the customer requirements?

Answer Area

Server	<input type="text"/> ProLiant DX Synergy 480 Gen10 Plus
Storage	<input type="text"/> Alletra 6000 MSA
Data Protection	<input type="text"/> StoreEver with CommVault StoreOnce with Veeam
Data Protection	<input type="text"/> full/incremental local backup rotation full/synthetic full local backup rotation full/incremental remote backup rotation

Answer:

Explanation:

Answer Area

Server

ProLiant DX
Synergy 480 Gen10 Plus

Storage


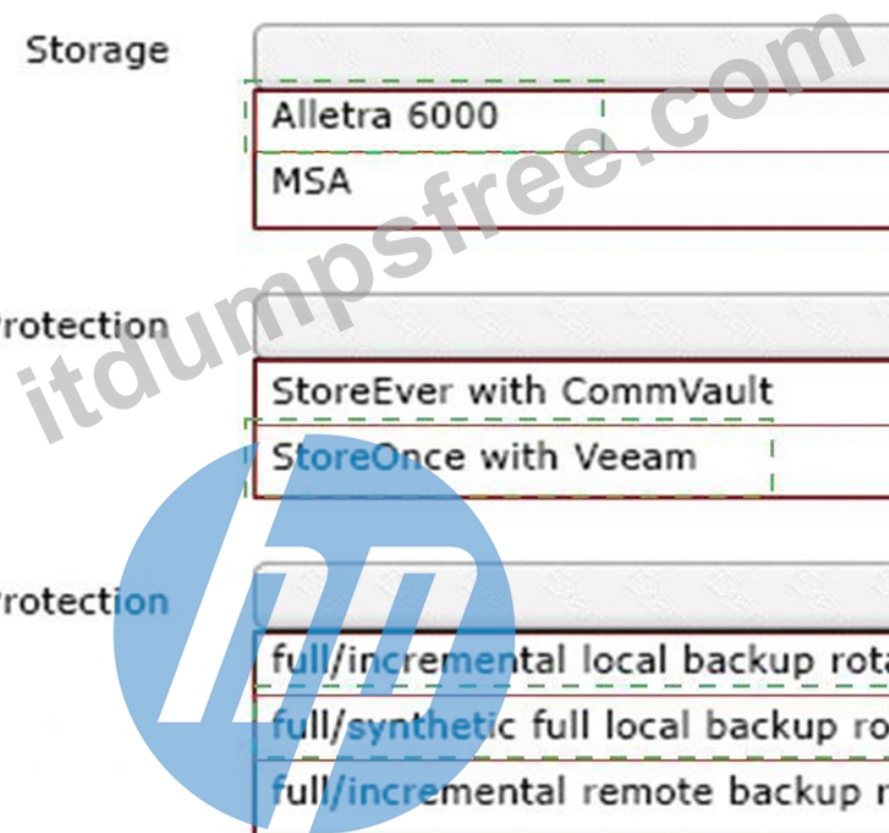
Alletra 6000
MSA

Data Protection

StoreEver with CommVault
StoreOnce with Veeam

Data Protection

full/incremental local backup rotation
full/synthetic full local backup rotation
full/incremental remote backup rotation



Explanation:

Answer Area

Server

- ProLiant DX
- Synergy 480 Gen10 Plus**

Storage

- Alletra 6000
- MSA

Data Protection

- StoreEver with CommVault
- StoreOnce with Veeam

Data Protection

- full/incremental local backup rotation
- full/synthetic full local backup rotation**
- full/incremental remote backup rotation

Based on the customer's requirements, the following strategy would meet their needs:

Server: Synergy 480 Gen10 Plus Storage: Alletra 6000 Data Protection: StoreOnce with Veeam Data Protection backup: full/synthetic full local backup rotation Server: Synergy 480 Gen10 Plus The Synergy 480 Gen10 Plus is a composable, scalable, and flexible server that can support VMware clusters with high performance, availability, and efficiency. It offers the following benefits for the customer:

Composable: The Synergy 480 Gen10 Plus can be dynamically configured and reconfigured using software-defined templates and profiles, allowing the customer to optimize their resources for different workloads and applications. The customer can also leverage HPE OneView and HPE Composer to automate and orchestrate their infrastructure management, reducing the complexity and overhead.

Scalable: The Synergy 480 Gen10 Plus can support up to two Intel Xeon Scalable processors, up to 3 TB of memory, and up to 24 SFF drives or 12 LFF drives per node. It can also be expanded with up to six mezzanine options, including Fibre Channel, Ethernet, and InfiniBand adapters. The customer can scale their VMware cluster horizontally or vertically as their needs grow, without compromising on performance or efficiency.

Flexible: The Synergy 480 Gen10 Plus can support various operating systems, hypervisors, and applications, including VMware vSphere, VMware vSAN, and VMware Cloud Foundation. It can also integrate with HPE GreenLake, HPE's edge-to-cloud platform, to provide the customer with a pay-per-use, as-a-service model that can lower their costs and risks.

Storage: Alletra 6000

The Alletra 6000 is a mid-range storage solution that offers flexible performance, scalability, and resiliency for business-critical workloads. It is suitable for the customer's VMware cluster because:

Flexible performance: The Alletra 6000 can deliver up to 900K IOPS with sub-300 microseconds latency, supporting the customer's business and customer-facing applications with consistent and reliable performance. It can also support NVMe and SAS technologies, and offer three performance tiers: Performance, Business Critical, and Mission Critical, allowing the customer to

choose the best option for their workloads and service level objectives.

Scalability: The Alletra 6000 can support up to 16 PB of raw capacity, and up to 64 hosts per system. It can also scale out with HPE Cloud Volumes, HPE's cloud-native storage service, to provide the customer with hybrid cloud capabilities and flexibility. The customer can scale their storage capacity and performance as their VMware cluster grows, without compromising on availability or efficiency.

Resiliency: The Alletra 6000 offers a 100% data availability guarantee, ensuring that the customer's data is always accessible and protected. It also supports various data protection features, such as snapshots, replication, encryption, and erasure coding, to enhance the customer's data security and recovery. The customer can also leverage HPE InfoSight, HPE's AI-driven predictive analytics platform, to monitor and optimize their storage performance, health, and utilization, and to prevent issues before they impact their operations.

Data Protection: StoreOnce with Veeam

The StoreOnce with Veeam is a data protection solution that combines HPE's deduplication appliance and Veeam's backup and recovery software to provide the customer with fast, efficient, and reliable backup and recovery for their VMware cluster. It offers the following benefits for the customer:

Fast backup and recovery: The StoreOnce with Veeam can reduce the backup window and the recovery time objective (RTO) for the customer's VMware cluster, by leveraging source-side deduplication, synthetic full backups, and instant VM recovery. The customer can back up and restore their data in minutes, minimizing the impact of downtime or data loss on their business and customers.

Efficient storage utilization: The StoreOnce with Veeam can reduce the storage footprint and the bandwidth consumption for the customer's backup data, by leveraging target-side deduplication, compression, and encryption. The customer can store up to 20 times more backup data on the same amount of storage, and reduce the network traffic by up to 95%, lowering their costs and risks.

Reliable data protection: The StoreOnce with Veeam can provide the customer with multiple levels of data protection, by supporting local, remote, and cloud backup and recovery options. The customer can also leverage HPE Cloud Bank Storage, HPE's cloud storage service, to store their backup data in the cloud, enhancing their data durability and availability. The customer can also leverage Veeam's features, such as backup verification, ransomware protection, and data governance, to ensure their data integrity and compliance.

Data Protection backup: full/synthetic full local backup rotation

The full/synthetic full local backup rotation is a backup strategy that involves creating a full backup of the customer's VMware cluster once, and then creating synthetic full backups periodically by combining the previous full backup with the incremental backups. This strategy offers the following benefits for the customer:

Reduced backup window: The full/synthetic full local backup rotation can reduce the time and resources required to create full backups, by eliminating the need to read the entire data set from the source every time. The customer can create synthetic full backups faster and more efficiently, without impacting their production environment or performance.

Improved recovery point objective (RPO): The full/synthetic full local backup rotation can improve the frequency and granularity of the customer's backups, by creating incremental backups daily or more often. The customer can capture the changes in their data more frequently, reducing the amount of data loss in case of a disaster or failure.

Simplified backup management: The full/synthetic full local backup rotation can simplify the customer's backup management, by reducing the number of backup files and chains that need to be maintained and monitored. The customer can also leverage Veeam's features, such as backup copy jobs, backup retention policies, and backup reports, to automate and optimize their backup processes and operations.

NEW QUESTION # 94

Which customer issue does an in-memory database address?

- A. the need for faster insights from data
- B. the need for data virtualization in the cloud
- C. the need for desktop virtualization
- D. the need for flexible storage and compute scaling

Answer: A

NEW QUESTION # 95

Your customer needs to migrate data from their HPE 3PAR array to a new installed HPE Alletra Storage MP B10000 array. Which migration statement is correct?

- A. Data can be migrated non-disruptively from the DSCC.
- B. Migration must be performed offline from the SSMC.
- C. Migration must be performed offline from the DSCC.

- D. Data can be migrated non-disruptively from the SSMC.

Answer: A

Explanation:

The transition from legacy HPE 3PAR storage to the modern HPE Alletra Storage MP represents a shift toward a cloud-native operating model. This migration is facilitated through the Data Services Cloud Console (DSCC), which serves as the unified management plane for the HPE GreenLake edge-to-cloud platform. Data migration using the DSCC is designed to be non-disruptive, allowing organizations to move workloads without impacting application availability. The DSCC automates the discovery of source volumes on the 3PAR array and orchestrates the movement to the destination Alletra Storage MP volumes. This centralized, intent-based approach eliminates the need for complex command-line scripts or manual data copying processes, significantly reducing the risk of downtime or human error during the storage refresh cycle. SSMC is typically used for legacy 3PAR/Primera management, whereas DSCC is the required cloud-native tool for Alletra MP.

References: HPE Alletra Storage MP Migration Guide; HPE Data Services Cloud Console (DSCC) Overview.

NEW QUESTION # 96

You are generating a customer HPE GreenLake proposal for a customer.

Select the items that are mandatory when submitting the initial proposal to HPE for quoting.

(Choose two.)

- A. Signed statement of Work
- B. Credit Check Form
- C. End Bill of Materials
- **D. Start Bill of Materials**
- **E. Completed Order Checklist**

Answer: D,E

Explanation:

When generating a customer HPE GreenLake proposal, you need to submit the following mandatory items to HPE for quoting:

* **Start Bill of Materials:** This is a document that lists the initial hardware and software components, quantities, and prices that are required for the HPE GreenLake solution. It also includes the service level, the billing unit, the minimum and maximum capacity, and the buffer size. The Start Bill of Materials helps HPE to calculate the monthly fee and the buffer charge for the customer.

* **Completed Order Checklist:** This is a document that contains the essential information and documents that are needed to process the HPE GreenLake order. It includes the customer name, address, contact details, legal entity, billing frequency, payment method, contract term, start date, end date, and signature. It also includes the attachments such as the Start Bill of Materials, the End Bill of Materials, the Statement of Work, the Credit Check Form, and the Customer Acceptance Form.

The other items are not mandatory for the initial proposal, but they may be required later in the order process:

* **End Bill of Materials:** This is a document that lists the final hardware and software components, quantities, and prices that are delivered and installed for the HPE GreenLake solution. It may differ from the Start Bill of Materials due to changes in the customer requirements, availability, or pricing.

The End Bill of Materials helps HPE to reconcile the actual usage and billing with the customer.

* **Signed Statement of Work:** This is a document that defines the scope, deliverables, responsibilities, and terms and conditions of the HPE GreenLake service. It also includes the service level agreement, the service description, the service activation, the service management, the service reporting, and the service termination. The Statement of Work must be signed by both HPE and the customer before the service can start.

* **Credit Check Form:** This is a document that authorizes HPE to perform a credit check on the customer to assess their financial stability and creditworthiness. The credit check helps HPE to determine the payment terms and conditions for the HPE GreenLake service.

References: HPE GreenLake Central User Guide , HPE GreenLake for Block Storage MP , HPE GreenLake Edge-to-Cloud Platform User Guide

NEW QUESTION # 97

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