

HPE0-V26 Certification Overview - [Oct 17, 2024 Latest HPE0-V26 PDF Dumps [Q15-Q32]



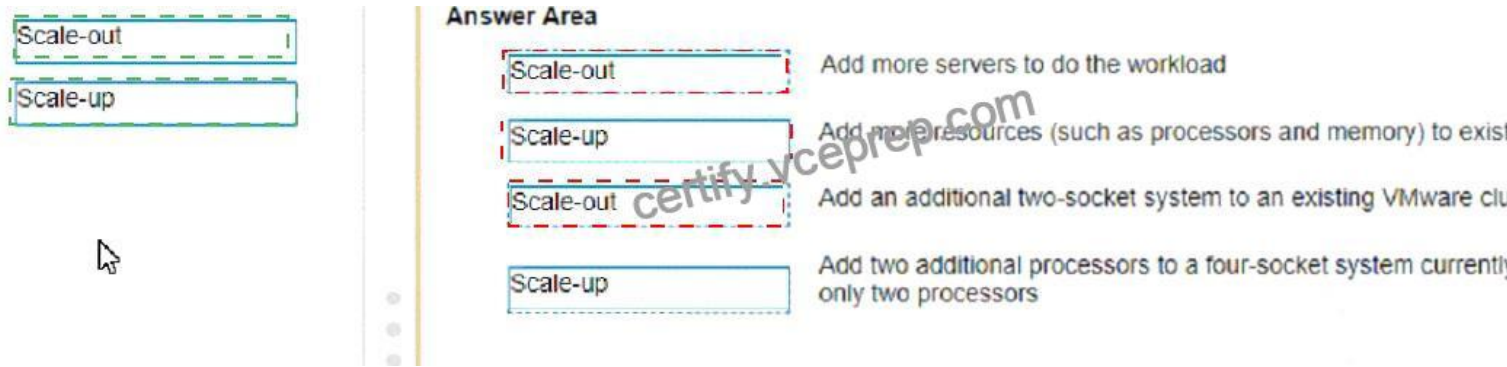
HPE0-V26 Certification Overview - [Oct 17, 2024] Latest HPE0-V26 PDF Dumps
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NO.15 Match the correct scaling approach to each strategy

- Scale-out
- Scale-up

Answer Area

- Add more servers to do the workload
- Add more resources (such as processors and memory) to existing servers
- Add an additional two-socket system to an existing VMware cluster
- Add two additional processors to a four-socket system currently only two processors



Explanation

- * Scale-out: Add more servers to do the workload
- * Scale-up: Add more resources (such as processors and memory) to existing servers
- * Scale-out: Add an additional two-socket system to an existing VMware Cluster
- * Scale-up: Add two additional processors to a four-socket system currently equipped with only two processors This is because:
- * Scale-out: This is a scaling approach that involves adding more servers or nodes to a system to increase its capacity and performance. It is also known as horizontal scaling. It can help distribute the workload across multiple servers and improve availability and fault tolerance.
- * Scale-up: This is a scaling approach that involves adding more resources (such as processors, memory, storage or network) to an existing server or node to increase its capacity and performance. It is also
- * known as vertical scaling. It can help improve the performance of a single server and reduce the complexity of managing multiple servers.

NO.16 You are explaining hardware health monitoring features Of an HPE ProLiant DL380 Gen9 Plus server. you need to know how historical events can be viewed, including fan and power supply failures.

Where can this information be found?

- * Integrated Management Log
- * iLO Event
- * HPE Data Ops Manager
- * Data Services Cloud Console

Explanation

Integrated Management Log (IML) is a feature that records hardware events such as fan and power supply failures on HPE ProLiant servers. The IML can be viewed through various methods, such as the iLO web interface, the iLO RESTful API, or the Smart Storage Administrator (SSA). The IML provides historical information about the server's hardware health and helps with troubleshooting and analysis.

NO.17 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?

- * Single-mode fiber optic cable
- * Flex fiber cable
- * Multimode fiber optic cable
- * Polymer optical fiber cable

Explanation

* https://en.wikipedia.org/wiki/Fibre_Channel

* <https://www.techtarget.com/searchnetworking/tutorial/Network-cable-history-and-fundamentals-Cabling-t>

* https://fibrechannel.org/wp-content/uploads/2016/04/Fibre_Channel_Connectivity_White_Paper_04-06-16 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.

NO.18 your customer wants to update the firmware for multiple HPE ProLiant MicroServer Gen10 Plus servers.

Which tool must be used?

- * HPE Composer
- * HPE Data Services Cloud console
- * HPE iLO 5
- * HPE GreenLake central

Explanation

According to HPE, iLO 5 is a remote management solution that enables you to configure, monitor, and update your HPE servers seamlessly from anywhere in the world¹. It also provides firmware update capabilities for HPE ProLiant MicroServer Gen10 Plus servers². With iLO 5, you can demonstrate how to update the firmware for multiple servers easily and securely.

NO.19 Which new feature is provided by the Storage Management utility v4?

- * autonomic
- * automatic file classification
- * automatic installation of new recommended firmware versions
- * easy switching of active firmware versions

Explanation

one of the topics covered in the module 4 of the Implementing HPE MSA Storage Solutions course is

“Explain the firmware update process on MSA”. This suggests that the firmware update is a maintenance task that can be performed with the Storage Management utility v4.

NO.20 Review the exhibit.

Click where you can access intelligent provisioning.

System Utilities

HPE ProLiant DL360 Gen10

ILO IPv4: 15.194.45.181
ILO IPv6: FE80::B67A:F1FF:FECE:1114
User Default: OFF

- System Configuration
- One-Time Boot Menu
- Embedded Applications
- System Information
- System Health

Exit and resume system boot

Reboot the System

Select Language: English

Setup Browser Selection: Auto

Enter: Select
ESC: Exit
F1: Help
F7: Load Defaults
F10: Save
F12: Save and Exit

<http://www.hpe.com/qref/ProLiantGen10UEFI-Help>

Exit Changes Pending Reboot Required F7: Load Defaults F10: Save

System Utilities

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Exit Changes Pending Reboot Required F7: Load Defaults **F10: Save**

Explanation

F10 Save

NO.21 your customer runs a small datacenter and 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?

- * HPE InfoSight
- * HPE GreenLake central
- * HPE GreenLake Data Services Cloud Console
- * HPE Compute Ops Management

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.

NO.22 Your customer wants a new server for a File & print workload.

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

- * support level
- * power supply wattage
- * storage capacity
- * transfer rate
- * form factor

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.

NO.23 You are troubleshooting a server issue and need to reference a log file for hardware and configuration changes.

When log file should you review?

- * IML - Integrated Management Log
- * ILO Event Log
- * HPE OneView Activity Log
- * AHS - Active Health system

Explanation

Active Health System (AHS) is a feature that continuously monitors and records thousands of system parameters and diagnostic telemetry data on HPE ProLiant servers. The AHS log contains information such as hardware and configuration changes, health status, boot issues, and firmware updates. The AHS log can be used for troubleshooting and analysis by HPE support or by the user.

NO.24 Your customer needs a server a maximum Of two processors that will provide high performance, manageability, expansion, and security.

Which server should you recommend?

- * DL560
- * DL380
- * DL110
- * DL20

Explanation

HPE ProLiant DL380 Gen10 server is a versatile 2U rack server that delivers world-class performance and security for a wide range of workloads. The server supports up to two Intel Xeon Scalable processors with up to 28 cores per processor and up to 3 TB of memory. The server also offers a range of management, expansion, and security features, such as:

- * HPE iLO 5 software for remote management and monitoring
- * HPE Smart Array controllers for RAID configuration and data protection
- * HPE SmartMemory for enhanced performance and reliability
- * HPE Flexible Slot power supplies for efficiency and redundancy
- * HPE FlexibleLOM adapters for network connectivity options
- * HPE Persistent Memory for fast data access and analytics
- * HPE Secure Boot and Secure Start for firmware validation and protection

NO.25 A customer needs Help setting up their bootable logical drive/volume, checking online drive firmware activation readiness, and managing device identification LEDs What HPE tool should you recommend?

- * smart storage Administrator
- * Integrated Smart Update Tool
- * HPE OneView
- * Service pack for ProLiant

Explanation

the HPE Smart Storage Administrator (SSA) is a web-based application that helps you configure, manage, diagnose, and monitor HPE ProLiant Smart Array Controllers and now other storage devices as well, such as host bus adapters (HBAs), HPE Storage controllers, and future devices such as SCSI Express drives, and SAS switch devices.

Some of the features of the HPE SSA include:

- * Creating a bootable logical drive
- * Checking online drive firmware activation readiness

- * Managing device identification LEDs
- * Configuring drive erase
- * Creating and managing arrays and logical drives
- * Viewing controller and drive status and health information
- * Updating controller firmware

NO.26 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?

- * HPE Infosight
- * HPE Smart Storage Administrator
- * HPE Power Advisor
- * HPE OneView

Explanation

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.

NO.27 you want to quickly 100k up the list price of an HPE hardware component.

Which pre-saves tool has a Quick Quote function?

- * HPE smart CID
- * HPE CloudPhysics
- * HPE seismic
- * HPE Product Blletin

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.

NO.28 Match the protocol to a fundamental approach for storing data. (Each option may be used once, more than once, or not at all.)

NAS
SAN

Answer Area

<input type="text"/>	Block access using a FC protocol.
<input type="text"/>	Block access using FCoE protocol.
<input type="text"/>	Sharing files over industry standard protocols such as NFS
<input type="text"/>	Block access using the iSCSI protocol.

NAS
SAN



Answer Area

SAN
SAN
NAS
SAN

Block access using a FC protocol.

Block access using FCoE protocol.

Sharing files over industry standard protocols such as NFS

Block access using the iSCSI protocol.

Explanation

* NAS: c) Sharing files over industry standard protocols such as NFSv4 or SMB.

* SAN: a) Block access using a FC protocol. or b) Block access using FCoE protocol or d) Block access using the iSCSI protocol.

According to the HPE website, NAS stands for Network Attached Storage and is a storage system that provides file-level access to data over a network. NAS devices use protocols such as NFSv4 or SMB to share files with clients. NAS devices typically have their own file system and operating system and can support multiple users and applications.

SAN stands for Storage Area Network and is a network that provides block-level access to data over a dedicated network. SAN devices use protocols such as FC, FCoE, or iSCSI to transfer blocks of data to servers. SAN devices do not have their own file system and rely on the servers to manage the data. SAN devices typically provide high performance and availability for mission-critical applications.

NO.29 You need a tool on a SAN Fabric that Will deliver protocol diagnostic, fabric configuration validation With SPOCK, and assess the health of physical ports with self-healing and fabric monitoring.

It must perform end-to-end diagnostics while using predefined templates to reduce configuration errors.

Which diagnostic tool should be used?

- * HPE InfoSight
- * Network Orchestrator
- * Off-Line Diagnostics
- * On-Line Diagnostics

Explanation

According to the HPE website, HPE InfoSight is a cloud-based AI platform that delivers global visibility and insights into the health, performance, and capacity of your HPE storage and servers. It can also provide protocol diagnostics, configuration validation with SPOCK, and assess the health of physical ports with self-healing and fabric monitoring1. It can also perform end-to-end diagnostics while using predefined templates to reduce configuration errors1

NO.30 your customer has standardized on the AMD platform and asks tor a new I IJ server.

Which server should you recommend?

- * DL365
- * DL360
- * DL385

* DL560

Explanation

According to HPE, this server offers the 2nd generation AMD EPYC 7000 Series processor delivering up to

2X the performance of the prior generation¹. It also provides built-in security and flexibility for key applications such as virtualization, software-defined storage (SDS), and High-Performance Compute (HPC)¹.

NO.31 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?

- * Add the server to the existing iLO 5 Federation
- * Apply the iLO 5 Advanced License
- * Connect the server to an HPE Remote Support Host Server
- * Enable the Remote Console within iLO 5

Explanation

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

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HP HPE0-V26 exam is a challenging and comprehensive certification exam that requires a solid understanding of the HPE technology stack and the ability to design, implement, and manage hybrid cloud solutions using these technologies. Candidates who pass HPE0-V26 exam will have the skills and knowledge needed to help organizations implement and manage hybrid cloud solutions that are secure, scalable, and efficient. Delta - HPE Hybrid Cloud Solutions certification is recognized by IT professionals and organizations around the world, and it can help to enhance career opportunities and salary potential.

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