

Exam Questions HPE0-V14

Building HPE Hybrid IT Solutions

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NEW QUESTION 1

- (Exam Topic 1)

An HPE customer wants to perform a simplified update of firmware and drivers among their 100 HPE Gen9 and Gen10 racked servers. Which HPE software tool should the customer use to minimize the time required to perform this activity.

- A. HPE Smart Update Manager
- B. HPE OneView Standard
- C. HPE ProLiant Support Pack
- D. HPE iLO Amplifier Pack

Answer: A

NEW QUESTION 2

- (Exam Topic 1)

What should you configure to limit the scope of broadcast domains in an Ethernet network?

- A. Trunks
- B. VSAN
- C. Static ARP
- D. VLAN

Answer: D

NEW QUESTION 3

- (Exam Topic 1)

Match each characteristic to the correct storage type.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 4

- (Exam Topic 1)

A customer is planning to deploy a new Top of Rack solution. They plan to use a stacking technology that meets the following requirements: Support for Multi Chassis Link Aggregation in an active-active mode. The control plane must not be a single point of failure.

Rapid Fail-over. Unified Management.

They require a maximum of two switches per stack.

Which stacking technology meets the customer's requirements?

- A. HPE Intelligent Resilient Framework (IRF)
- B. HPE Distributed Trunking
- C. Aruba Virtual Switching Extension (VSX)
- D. Aruba Virtual Switching Framework (VSF)

Answer: C

NEW QUESTION 5

- (Exam Topic 1)

Match each HPE solution to its corresponding technology usage.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 6

- (Exam Topic 1)

A customer needs a new environment to support an ERP system. The sizing information you received shows the following requirements:

3 servers with dual AMD processors, 256GB RAM, and 10Gb network connectivity

10TB of high performance shared storage

Cloud-based performance monitoring and analytics

The customer prefers rack mounted equipment.

Identify the components that will meet the customer requirements, then drag the correct components on the left to their appropriate location in the environment on the right.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 7

- (Exam Topic 1)

Which HPE solution brings together CPU, Memory, and Disk with an unpredictable workload into a single management infrastructure?

- A. dHCI
- B. SimpliVity
- C. Nimble
- D. Primera

Answer: B

NEW QUESTION 8

- (Exam Topic 1)

A security client needs a surveillance solution to support 239 Cameras. They expect to generate 2PB of data and require a 10Gb network infrastructure in a single rack.

Which solution should you recommend to meet the customer requirements?

- A. HPE Moonshot
- B. HPE MSA
- C. HPE Apollo Servers
- D. HPE SimpliVity 380

Answer: C

NEW QUESTION 9

- (Exam Topic 1)

A retail company recently implemented a Video surveillance solution. They now need an MSA storage solution with 100TB capacity. They want to be able to add more disk capacity if needed.

Which HPE tool can help you choose a storage solution, determine the total usable capacity, and create a BOM?

- A. HPE SPOCK
- B. HPE NinjaSTARS
- C. HPE Storage Sizing Tool
- D. HPE One Config Advanced

Answer: A

NEW QUESTION 10

- (Exam Topic 1)

A customer needs a virtual desktop infrastructure environment to quickly deploy new desktop images to more than 70 onsite contractors. They plan to use HPE ProLiant DL360 Gen10 servers running VMware ESXi connected to a shared storage device. The customer requires deduplication because they are concerned about the required storage capacity for the full clone images.

Which storage device would best address their concerns?

- A. HPE MSA 1040
- B. HPE MSA 2052
- C. HPE Nimble AF20
- D. HPE Nimble HF20C

Answer: D

NEW QUESTION 10

- (Exam Topic 1)

Refer to the exhibit.

A customer purchased a server/storage environment shown in the exhibit with 1 Gb networking connectivity. The customer is now experiencing performance issues.

Identify the correct components to upgrade the network connections and improve performance on the left. Then drag those components to the answer area on the right. (Choose three.)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 12

- (Exam Topic 1)

You need to review a warning on a Nimble storage array. Click on the menu option that displays this information.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 13

- (Exam Topic 1)

Refer to the exhibit.

A customer has two HPE ProLiant DL380 Gen10 servers running as an Oracle cluster. They are trying to reduce licensing costs and want to move to the best processor available from the list to minimize licensing costs while still providing a high level of performance for the Oracle database. Which DL380 Gen10 processor would you recommend?

- A. Intel Xeon-Platinum 8280M
- B. Intel Xeon-Platinum 8280
- C. Intel Xeon-Platinum 8256
- D. Intel Xeon-Platinum 8253

Answer: D

NEW QUESTION 14

- (Exam Topic 1)

What is a feature of the MSA 1050 that will help your Storage Customer better utilize storage resources?

- A. block, file, and object access
- B. Triple+ parity RAID
- C. Automated Tiering
- D. 99.9999% guaranteed availability

Answer: C

NEW QUESTION 19

- (Exam Topic 1)

A customer needs a new VMware environment for a critical stock trading application and will need high performance compute and low latency storage. Identify the correct component configurations on the left and drag them to the answer area on the right. (Choose two.)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 24

- (Exam Topic 2)

In which layer of the OSI model would you find an IP address?

- A. Application
- B. Network
- C. Physical
- D. Data link

Answer: B

NEW QUESTION 25

- (Exam Topic 2)

You are troubleshooting a customer's HPE ProLiant rack-mount server. The customer has configured the server in Legacy Boot BIOS Mode and is trying to boot from a USB 3.0 drive. The server will not boot from the drive.

What should you do?

- A. Set the USB 3.0 mode to Enabled.
- B. Set the USB 3.0 mode to Auto.
- C. Use the internal USB 3.0 connector.
- D. Use the front-facing USB 3.0 connector.

Answer: A

NEW QUESTION 26

- (Exam Topic 2)

A company needs a solution that provides SMB and NFS file shares. The solution must have a built-in data backup to Microsoft Azure.

Which HPE solution meets the customer's needs?

- A. StoreOnce 3520
- B. StoreEasy 1000
- C. StoreOnce VSA
- D. StoreVirtual VSA

Answer: B

NEW QUESTION 29

- (Exam Topic 2)

Match the storage technology to the storage type.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

BLOCK = iSCSi

File = CIFS BLOCK = SAN

File = NFS

NEW QUESTION 32

- (Exam Topic 2)

You are installing a data center switch.

Which methods are recommended to configure the switch? (Choose two.)

- A. Use out-of-band management with a dedicated management connection
- B. Use in-band management with an IP address and subnet mask that is reachable on the management network
- C. Use out-of-band management and keep the default settings
- D. Use in-band management and configure the AUX0 interface for scheme authentication

Answer: AB

NEW QUESTION 36

- (Exam Topic 2)

A customer requires a storage platform for their department data. They have a limited budget and will be sharing files among their Microsoft Windows environment. Which HPE storage platform meets the customer's needs?

- A. Nimble
- B. StoreOnce
- C. 3PAR StoreServ
- D. StoreEasy

Answer: D

NEW QUESTION 41

- (Exam Topic 2)

A customer needs to reconfigure their data center network because their network often becomes congested, and the customer cannot monitor the network.

How should the customer configure their network?

- A. Isolate the management network from production traffic
- B. Isolate the SAN on a public network and use a virtual private network (VPN) for secure data
- C. Configure IRF on the switches
- D. Configure in-band management to manage the switches through gigabit Ethernet ports

Answer: A

NEW QUESTION 45

- (Exam Topic 2)

You are troubleshooting an HPE ProLiant rack-mount server. You need to collect event data from the server, even when it is not operational. Which tool should you use?

- A. Insight Online
- B. InfoSight
- C. OS Event Viewer
- D. Integrated Management Log

Answer: A

NEW QUESTION 46

- (Exam Topic 2)

A customer needs to share files cost-effectively among their Microsoft Windows server over a local network. Which storage solution meets this requirement?

- A. Storage Area Network (SAN)
- B. Network File System (NFS)
- C. Direct Attached Storage (DAS)
- D. Network Attached Storage (NAS)

Answer: D

NEW QUESTION 48

- (Exam Topic 2)

You have completed a non-disruptive activation of firmware on an SN6000 switch. Which session must be restarted manually?

- A. Enterprise Fabric Management Suite session
- B. telnet session
- C. SAN connection Manager session
- D. QuickTools session

Answer: B

NEW QUESTION 51

- (Exam Topic 2)

A customer is upgrading their network infrastructure to provide the best performance for IP storage. Which technologies in a network switch meet the customer's needs? (Choose three.)

- A. Jumbo Frames
- B. Deep Packet Buffers
- C. LLDP Support
- D. MLAG Support
- E. Fibre Channel Support
- F. Static Routing

Answer: ABD

NEW QUESTION 56

- (Exam Topic 2)

You are troubleshooting a POST error on a HPE ProLiant rack-mount server. HPE support has directed you to test a minimum hardware configuration. Which components should you remove? (Choose two.)

- A. CMOS battery
- B. all cooling fans
- C. all expansion boards
- D. all external storage media
- E. redundant processors

Answer: DE

NEW QUESTION 59

- (Exam Topic 2)

You are installing an HPE ProLiant server in a rack at a customer site. The customer's facility is in a high-voltage utility service area, and they want to be certain that the power supply is supported.

Which ProLiant feature addresses the customer's concern?

- A. ProLiant servers can be configured for 380 – 400V AC in low-line and high-line utility service areas.

- B. ProLiant servers support 240 V DC power supplies because components in a direct current line are less prone to failure.
- C. Rack-mountable HPE servers ship with 110 V DC power supplies because direct current is less expensive for a low-line utility service over short distances.
- D. ProLiant servers include auto-sensing power supplies with a power input range of 100-240 VAC, so they can be used globally.

Answer: D

NEW QUESTION 64

- (Exam Topic 2)

You are designing a solution to run a Citrix XenDesktop workload.

Which HPE planning and designing resource contains a detailed example of this type of solution, including a list of all the hardware and software components?

- A. Sales Builder for Windows
- B. Product Bulletin
- C. Smart Selling Tool
- D. Reference Architecture

Answer: D

NEW QUESTION 65

- (Exam Topic 2)

You are installing a rack at customer site.

How can you ensure redundant power to the rack?

- A. Install two power distribution units (PDUs) with each one connected to a power socket supplied by an independent electrical power source.
- B. Ensure 3-phase power is available in the data center.
- C. Connect an uninterruptible power supply (UPS) to redundant circuit breakers at the facility power source.
- D. Use two different power cords to connect the server to the power grid at the customer site.

Answer: C

NEW QUESTION 70

- (Exam Topic 2)

A customer wants to safeguard their server firmware and asks you about the HPE ProLiant Gen10 features that provide this level of security.

Which Gen10 feature best addresses the customer's concern?

- A. The Secure Boot feature in Gen10 servers checks the signature of the firmware drivers and other files to ensure that the firmware is trusted by the operating system.
- B. Gen10 servers use silicon root of trust to validate and detect corrupted firmware, and authentication to block unauthorized updates.
- C. Gen10 servers support data encryption at rest, which uses cryptography on the database housing the data and on the physical storage where the databases are stored.
- D. The Trusted Platform Module (TPM) in Gen10 servers protects firmware by using public and private key encryption.

Answer: B

NEW QUESTION 72

- (Exam Topic 2)

You are working on a server, and you notice that the blue UID light on the server is flashing slowly. What does this indicate?

- A. The host server is in standby mode
- B. The system is being managed remotely
- C. The host has rebooted and is performing POST actions
- D. The system is experiencing power issues

Answer: B

NEW QUESTION 77

- (Exam Topic 2)

A customer plans to back up a file server that holds 2 TB of data. The customer wants to upgrade their network infrastructure to support backup and to implement a datacenter network solution.

Which solutions would HPE recommend to meet the customer needs? (Choose two.)

- A. FlexFabric 5900
- B. StoreEasy 1450
- C. StoreVirtual VSA
- D. Aruba 2900
- E. StoreOnce 3100

Answer: AE

NEW QUESTION 80

- (Exam Topic 2)

While troubleshooting a HPE ProLiant Gen10 rack-mount server, you determine that the current and backup system ROMs are corrupt.

What should be the next step to fix the server?

- A. Restore the system firmware from a USB drive
- B. Restore the system firmware from a UEFI shell prompt
- C. Replace the CMOS battery

- D. Restore the system firmware from the iLO repository
- E. Replace the system board

Answer: E

NEW QUESTION 85

- (Exam Topic 2)

You are installing an HPE StoreOnce backup system in a customer's environment. They need a simple and cost-effective method to centralize and automate the backup of multiple servers (file, virtualization, database). They also need the ability to integrate with an existing third-party backup software. How must you configure the StoreOnce system to meet the customer's requirements?

- A. block device
- B. replication target
- C. NDMP target
- D. VTL device

Answer: D

NEW QUESTION 88

- (Exam Topic 2)

When should you use the HPE Switch Selector?

- A. when you need to list the price information of the switches
- B. when you need to select a switch VLAN configuration
- C. when you need to compare features between multiple switches
- D. when you need to perform a competitive analysis between vendors

Answer: C

NEW QUESTION 93

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