

# HP

## Exam Questions HPE0-V14

Building HPE Hybrid IT Solutions



#### NEW QUESTION 1

- (Exam Topic 1)

A customer requires a management solution that will provide email notifications if hardware errors occur on their servers. Which management solution provides this functionality?

- A. UEFI System Configuration
- B. iLO Advanced Edition
- C. HPE SUM
- D. HPE SUT

**Answer:** B

#### NEW QUESTION 2

- (Exam Topic 1)

An HPE customer wants to perform is 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 3

- (Exam Topic 1)

A customer has a new virtual environment. They selected HPE servers for the environment in order to achieve better performance for their applications. Which HPE feature enables the customer to achieve this server performance improvement?

- A. embedded application
- B. workload performance advisor
- C. workload profile
- D. Active Health System

**Answer:** B

#### NEW QUESTION 4

- (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 5

- (Exam Topic 1)

A customer is considering an upgrade of their networking infrastructure with HPE FlexFabric 5940 series switch. Match the fan tray option with the airflow direction.

A. Mastered

B. Not Mastered

**Answer:** A

**Explanation:**

#### **NEW QUESTION 6**

- (Exam Topic 1)

A customer needs a single, dual-processor server for an Enterprise Resource Planning solution for a single office. The customer application uses a mix of HDDs and SSDs and up to 3TB of RAM.

Which HPE Solution should you propose?

- A. HPE Synergy Solution
- B. HPE Apollo 2000 Server
- C. HPE ML350 Gen10
- D. HPE ML110 Gen10

**Answer:** B

#### **NEW QUESTION 7**

- (Exam Topic 1)

What is a primary benefit of DAS?

- A. It takes advantage of Common Internet File System (CIFS).
- B. It is presented as an iSCSI LUN to the attached server.
- C. It can be accessed by both server and non-server devices simultaneously.
- D. It is connected directly to a server.

**Answer:** C

#### **NEW QUESTION 8**

- (Exam Topic 1)

You are creating a configuration for a new Nimble HF40 array.

Which tool should you use to ensure that you include adequate cache in the configuration?

- A. HPE NinjaSTARS
- B. HPE Storage Sizer
- C. HPE OneView
- D. HPE SPOCK

**Answer:** A

#### **NEW QUESTION 9**

- (Exam Topic 1)

What is the correct cable type to use when connecting a pair of switches using Long Range (LR) Transceivers?

- A. Direct Attach Cable (DAC)
- B. Twin-Ax

- C. Single Mode Fiber
- D. Multi-mode Fiber

**Answer:** C

**Explanation:**

Single-mode uses a single relatively straight beam of light, transmitted directly through a core of glass (or occasionally plastic) that's usually 50 microns across. Single-mode accommodates large power levels, and is almost exclusively used for Long Range (LR) applications.

**NEW QUESTION 10**

- (Exam Topic 1)

HPE Support asks you to generate an SSD wear gauge report for local storage on an HPE DL360 Gen10 server running VMware.

Which procedure will ensure that the server will boot directly into a maintenance state so you can generate the requested report?

- A. Changing the one-time boot option to Smart Storage Administrator in iLO web-based user interface
- B. Use Always On functionality of Intelligent Provisioning
- C. Changing the one-time boot option to Intelligent Provisioning in iLO web-based user interface
- D. Click Boot to System Setup Utilities in iLO web-based user interface
- E. Changing the one-time boot option to Intelligent Provisioning in HPE OneView

**Answer:** A

**NEW QUESTION 10**

- (Exam Topic 1)

Match each adapter to its characteristic.

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

**NEW QUESTION 14**

- (Exam Topic 1)

Which hardware and software components make up a Nimble dHCI infrastructure?

- A. HPE M-Series switch, HPE ProLiant DL servers, HPE Nimble, and VMware
- B. Aruba Switches, HPE Synergy, HPE Nimble, and VMware
- C. HPE M-Series switch, HPE ProLiant DL servers, HPE Nimble, and Hyper-V
- D. Aruba Switches, HPE Synergy, HPE Nimble, and Hyper-V

**Answer:** A

**NEW QUESTION 19**

- (Exam Topic 1)

A customer has a VMware environment with HPE ProLiant servers and Nimble storage. They have been using a Windows VM to provide file services for their employees.

The customer is experiencing performance issues with the solution due to memory constraints on the virtual environment.

What could be added to the existing environment that will provide dedicated file services with better performance that would still utilize the existing storage and backup solutions?

- A. HPE StoreEver 30750
- B. HPE Storage Performance File Controller
- C. HPE StoreEasy 1460 Storage
- D. HPE StoreEasy 1650 Expanded Storage

**Answer:** C

**NEW QUESTION 24**

- (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 28

- (Exam Topic 1)

Match each characteristic to the appropriate RAID level.

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

#### NEW QUESTION 33

- (Exam Topic 1)

A customer needs a shared storage solution for a virtualization platform that will host a database application. The customer is considering an HPE Nimble array. Which feature would lead you to propose an HPE Nimble AF40 over an HPE 3PAR All Flash array?

- A. Fibre Channel Connectivity
- B. 10Gb iSCSI support
- C. Supported by Infosight for predictive analytics
- D. Predictable performance event with one failed controller

**Answer: C**

#### NEW QUESTION 35

- (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 40**

- (Exam Topic 1)

A customer needs NFS access on a fiber channel array.

What must be included in the solution to meet this requirement?

- A. StoreEver
- B. Storage File Controller
- C. Smart Array Controller
- D. StoreOnce RMC

**Answer:** B

#### **NEW QUESTION 44**

- (Exam Topic 1)

A customer needs to verify inbound packet statistics for interface. Ten-GigabitEthernet 1/0/10 on an HPE FlexFabric 5900 series switch used by an iSCSI storage array.

Which command can be used in the CLI to perform this operation?

- A. show inbound counters port 1/0/10
- B. display counters inbound interface Ten-GigabitEthernet 1/0/10
- C. display all statistics from port 1/0/10
- D. interface Ten-GigabitEthernet 1/0/10 show counters

**Answer:** D

#### **NEW QUESTION 47**

- (Exam Topic 1)

A solution integrator is installing new equipment to the rack.

Click the recommended location for HPE R/T3000 Extended Runtime Module.

Hot Area:

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

#### **NEW QUESTION 50**

- (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 51

- (Exam Topic 1)

Refer to the exhibit.

A customer has been using VEEAM and the HPE StoreOnce 3620 shown in the exhibit to backup their environment. The customer's legal team has asked to double their retention times for all backup sets, and they are starting to run out of space on the StoreOnce.

Which options could you recommend that the customer add to their existing configuration to accommodate the new requirement? (Select two. Each option represents a separate solution.)

- A. HPE StoreOnce Cloud Bank Storage
- B. HPE StoreOnce 3620 24TB Capacity Upgrade Kit
- C. HPE StoreOnce Gen4 16Gb Fibre Channel Network Card
- D. HPE StoreOnce Gen4 10/25Gb SFP Network card
- E. HPE D3710 Storag

**Answer:** BD

#### NEW QUESTION 53

- (Exam Topic 1)

You are validating a configuration prior to quoting it for the customer. You plan to propose the following configuration:

Two HPE DL380 Gen10 servers with dual processors, 256GB of memory, dual 10Gb NICs, SN1100Q 16Gb dual port FC HBA, dual 800W power supplies, and high temperature fan kit

HPE Nimble HF20H with 11TB storage, 960GB of cache, dual port 10GbE NIC, and 16Gb dual port FC adapter kit

Two SN3000B FC Switches

Which tool should you use to verify firmware compatibility between the storage and server components in this proposed solution?

- A. HPE NinjaSTARS
- B. HPE One Configuration Advanced
- C. HPE OneView Advanced
- D. HPE SPOCK

**Answer:** D

#### NEW QUESTION 54

- (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 55



- (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 60

- (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 61

- (Exam Topic 1)

Refer to the exhibit.

When performing a code upgrade on an HPE Nimble array, you noticed a connection failure on ESX1. Refer to the exhibit showing the complete zoning configuration of one of the HPE SN3000B switches.

What should you do to ensure storage access is not interrupted when doing the next update?

- A. Create and ISL between the two HPE SN3000B switches.
- B. Create a new zone for ESX1 and the second storage controller.
- C. Change the timeout values on the SN3000B switch.
- D. Configure the same zone on a second HPE SN3000B.

**Answer:** C

#### NEW QUESTION 65

- (Exam Topic 2)

You are installing additional components to a server.

Which HPE resource provides Quickspecs that verify the compatibility of the server hardware with the server?

- A. iQuote Universal
- B. Smart Selling tool
- C. Product Bulletin
- D. SPOCK

**Answer:** C

#### NEW QUESTION 67

- (Exam Topic 2)

A customer needs to create a large RAID set for archive storage on large-capacity drives. Which RAID level is recommended for this customer?

- A. RAID 0
- B. RAID 5+0
- C. RAID 1+0
- D. RAID 6

**Answer:** D

#### NEW QUESTION 69

- (Exam Topic 2)

You are creating an internal array on an HPE ProLiant server. What can you do to maximize the storage space efficiency?

- A. Populate drive bays with the smallest-capacity drive first.
- B. Install drives that have the same capacity.
- C. Match the device numbers for the drives with their bay numbers.
- D. Populate drive bays with the largest-capacity drive first.

**Answer:** B

#### NEW QUESTION 73

- (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 76

- (Exam Topic 2)

A customer needs a solution that will maintain data availability in their campus location. They require a multi-node system that can sustain multiple failures, including a full building outage.

Which HPE storage platform meets the customer's needs?

- A. Nimble
- B. StoreVirtual
- C. StoreEasy
- D. MSA

**Answer:** D

#### NEW QUESTION 78

- (Exam Topic 2)

You are troubleshooting an HPE ProLiant ML350 Gen server. You determine that the active ROM is corrupt and the system has not automatically switched to the redundant ROM. You need to manually switch the ROM.

What should you do?

- A. Select the backup ROM in the BIOS.
- B. Reset the iLO controller
- C. Change the position of the system maintenance switch options.
- D. Move the system maintenance jumper to pins one and two.

**Answer:** C

#### NEW QUESTION 80

- (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 83

- (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 87

- (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 90

- (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 92

- (Exam Topic 2)

You are creating a logical array on an HPE ProLiant server. The customer asks you to use drives with different capacities in a single array. What should you explain to this customer?

- A. Using drives with different capacities in a single array increases the chance of disk failure
- B. The extra capacity of the larger drives will not be utilized
- C. The process to create the array will fail, and the server will not boot
- D. The RAID level will be set at RAID 0 automatically

**Answer:** B

#### NEW QUESTION 97

- (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 98

- (Exam Topic 2)

A customer is planning an upgrade to their network. They need to combine multiple existing switches into one virtual device.

Which technology should the customer configure on their existing switches?

- A. Multi-chassis Link Aggregation (MLAG)
- B. Link Aggregation Control Protocol (LACP)
- C. Rapid Spanning Tree Protocol (RSTP)
- D. Intelligent Resilient Framework (IRF)

**Answer:** D

#### NEW QUESTION 100

- (Exam Topic 2)

A customer has implemented an HPE ProLiant server with internal storage and needs to monitor the array health status.

Which management application can the customer use to discover errors quickly and minimize the possible downtime?

- A. Insight Online
- B. Smart Storage Administrator
- C. Intelligent Management Center

D. InfoSight

**Answer: B**

**NEW QUESTION 102**

- (Exam Topic 2)

A customer has a branch office that needs a local file server. The branch office does not have a server rack. For backup performance, the server must have two processors.

Which HPE server should the company install?

- A. ProLiant ML350 Gen10
- B. ProLiant ML110 Gen9
- C. ProLiant BL460c Gen10
- D. ProLiant DL360 Gen10

**Answer: A**

**NEW QUESTION 106**

- (Exam Topic 2)

A customer requires 12 Gb local storage for their VMware boot volumes, which require high-performance read cycles to enable the operating system to boot quickly.

Which drive type provides the most appropriate size and most cost-effective way to meet this requirement?

- A. Mixed-use SSD
- B. Flash media drive
- C. SATA nearline
- D. SAS midline

**Answer: B**

**NEW QUESTION 109**

- (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 114**

- (Exam Topic 2)

Which HPE service level offers customers special parts handling and access to onsite service 24x7, including HPE holidays?

- A. Proactive Care 24x7
- B. Proactive Care 24x7 with CTR
- C. Foundation Care 24x7 with DMR
- D. Foundation Care 24x7

**Answer: D**

**NEW QUESTION 118**

- (Exam Topic 2)

Match the feature to the lowest iLO5 license in which it is available

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Last - last 3-2

1-1

3-3

**NEW QUESTION 120**

- (Exam Topic 2)

A customer requires a recovery strategy that provides multiple rollback points during the day for their Microsoft SQL database. The customer needs to be able to recover data instantly.

Which method meets this requirement?

- A. offsite log shipping
- B. tape copy
- C. storage replication
- D. snapshot

**Answer:** D

**NEW QUESTION 123**

- (Exam Topic 2)

You are installing a HPE MSA storage system and need to connect the power cooling module (PCM). What should you do to ensure power redundancy?

- A. Ensure that a physical service processor is properly connected to each PCM
- B. Verify that each cooling fan is cabled to a separate controller
- C. Connect each PCM within a shelf to a different power distribution unit (PDU)
- D. Connect redundant power cords from the PCM controller to independent power supplies

**Answer:** C

**NEW QUESTION 125**

- (Exam Topic 2)

You are discussing storage types with a customer that is configuring their NAS solution. The company's application developers use user-generated media and image files.

For which type of data should this customer use file storage?

- A. Mass storage
- B. Microsoft Exchange database
- C. Server boot volumes
- D. VDI applications

**Answer:** A

**NEW QUESTION 129**

- (Exam Topic 2)

A customer needs Layer 2 switches that provide basic functionality. In the future, this customer might need to use the switches' CLI to configure VLAN and STP features.

Which category of the switches does meet the customer's needs?

- A. unmanaged
- B. managed
- C. VLAN-based
- D. software distributed switch

**Answer:** B

**NEW QUESTION 133**

- (Exam Topic 2)

You are onsite at a customer location to install a new network switch. The customer wants users to be able to manage the switch through the IP network.

How should you connect the switch to the network?

- A. Configure multiple user IDs or roles for the console connection
- B. Configure the management IP address on the switch and enable Telnet or SSH access
- C. Use a dedicated console cable to create a dedicated management network for every user
- D. Connect the switch to the network by using the serial cable that ships with the switch

**Answer:** B

**NEW QUESTION 134**

- (Exam Topic 2)

A customer is planning an upgrade to their network infrastructure. They want to move to an open networking solution, and they want to install a network switch that supports their choice of network operating system.

Which HPE product family will meet the customer's needs?

- A. Altoline
- B. FlexFabric
- C. Arista
- D. Aruba

**Answer:** A

**NEW QUESTION 138**

- (Exam Topic 2)

A customer plans to use HPE ProLiant servers for line-of-business applications. They want to configure the servers to increase reliability. Which workload profile should the customer use?

- A. Virtualization – Max Performance
- B. Transactional Application Processing
- C. I/O Throughput
- D. Mission Critical

**Answer:** D

**NEW QUESTION 142**

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