

HP

Exam Questions HPE0-V14

Building HPE Hybrid IT Solutions



NEW QUESTION 1

- (Exam Topic 1)

You have configured a port on an HPE FlexFabric 5900 series switch that is connected to a VMware ESXi server to support multiple VLANs.

Given the configuration above, what should happen to any of the untagged traffic coming from the VMware ESXi host?

- A. The untagged traffic will be dropped.
- B. The untagged traffic will be transmitted in vlan 2.
- C. The untagged traffic will be transmitted in vlan 50.
- D. The untagged traffic will be transmitted in vlan 1.

Answer: C

NEW QUESTION 2

- (Exam Topic 1)

Match the speed and protocol with the appropriate component.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 3

- (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 4

- (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 5

- (Exam Topic 1)

A customer has two HPE ProLiant Gen10 servers. They both require firmware installation. Which HPE tool should you recommend for performing this task?

- A. OneView Advanced
- B. iLO Amplifier Pack
- C. Smart Update Manager
- D. OneView Standard

Answer: C

NEW QUESTION 6

- (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 7

- (Exam Topic 1)

Match each HPE solution to its corresponding technology usage.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 8

- (Exam Topic 1)

Match each characteristic to the appropriate RAID level.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 9

- (Exam Topic 1)

A customer environment is being managed and monitored with HPE OneView. A review of the OneView log shows that there have been several trap storm events. Which series of events must take place for OneView to insert a Trap Storm event entry into the log of system events?

- A. SNMP traps from three or more identical hosts have been logged within the past 256 seconds.
- B. Four or more identical SNMP traps have been logged within the past 30 seconds.
- C. Three or more SNMP trap messages have been logged with increasingly critical variable string values.
- D. Four or more ports on the same network switch have reported sequential SNMP trap messages

Answer: C

NEW QUESTION 10

- (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 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 12

- (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 17

- (Exam Topic 1)

Refer to the exhibit.

An administrator connected a hypervisor to interface Ten-GigabitEthernet1/0/1 in a switch. The administrator created virtual machines in VLAN 10 and 20 on the hypervisor. VLAN 10 is configured to be tagged, and VLAN 20 is configured to be untagged on the hypervisor. The administrator found that all the virtual machines in VLAN 20 can communicate with each other, but not with any virtual machines on VLAN 20 external to the hypervisor.

Given the output in the exhibit, what should you do to resolve the issue?

- A. Permit VLAN 1 on the interface.
- B. Configure the PVID of the interface to be VLAN 20.
- C. Configure the interface as an access port.
- D. Configure the interface as an IRF port.

Answer: D

NEW QUESTION 22

- (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 26

- (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 27

- (Exam Topic 2)

A customer is building out their rack of servers and storage systems. They need a high-performance network with a simple centralized management capability and deep buffer support for iSCSI. They expect high growth in their virtualization environment.

Which solution will best meet the customer's needs?

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

Answer: D

NEW QUESTION 32

- (Exam Topic 2)

A customer needs a video archive repository initially starting at 30TB internal storage. The repository is expected to grow at 20% annually and should have a lifespan of 3 years.

Which HPE ProLiant server solution meets the customer's requirements?

- A. HPE ProLiant DL560 Gen10 with LFF SAS drives
- B. HPE ProLiant DL380 Gen10 with LFF SAS drives
- C. HPE ProLiant ML110 with SFF SAS drives
- D. HPE ProLiant DL560 Gen9 with SFF SAS drives

Answer: B

NEW QUESTION 36

- (Exam Topic 2)

You are configuring a FlexFabric switch for a customer environment. The customer has requested specific SFP+ transceivers, power options, and cables.

Which HPE tool enables you to select and configure a switch according to precise specifications?

- A. Single Point of Connectivity Knowledge (SPOCK)
- B. Networking Online Configurator
- C. One Config Simple (OCS)
- D. Switch Selector

Answer: C

NEW QUESTION 40

- (Exam Topic 2)

A fast-growing customer with a NAS-based storage solution is evaluating Fibre Channel storage for their VMware environment.

How would this customer benefit from adding 16 Gb Fibre Channel storage to their environment? (Choose two.)

- A. increased performance
- B. simplified connectivity
- C. increased simplicity
- D. reduced latency
- E. simplified administration

Answer: AD

NEW QUESTION 45

- (Exam Topic 2)

Exhibit:

Which HPE ProLiant Server meets the customer's requirements?

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: B

NEW QUESTION 46

- (Exam Topic 2)

A customer requires an entry-level, all-flash storage system with predictable performance at the lowest possible price. They have performance-sensitive workloads that require speed and efficiency.

Which HPE storage system meets the customer's requirements?

- A. 3PAR 8450
- B. MSA 2052
- C. StoreVirtual 4335
- D. Nimble AF 1000

Answer: A

NEW QUESTION 51

- (Exam Topic 2)

A customer is considering an HPE ProLiant DL380 Gen10 server for their data center. The customer runs a large Oracle database. They need to increase performance and reduce their licensing costs.

Which feature of HPE Gen10 servers offers these benefits?

- A. workload profile matching
- B. agentless management
- C. jitter smoothing
- D. core boosting

Answer: D

NEW QUESTION 54

- (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 59

- (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 62

- (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 67

- (Exam Topic 2)

A customer needs to replace an existing storage array. The new array must be suitable for remote office deployment and support the following:

- Multi-protocol connectivity
- Flash-accelerated storage
- Low-cost midline SAS drives

Which HPE storage platform will meet these requirements?

- A. StoreVirtual VSA
- B. MSA
- C. SimpliVity
- D. StoreEasy

Answer: B

NEW QUESTION 69

- (Exam Topic 2)

A customer needs to purchase a redundant pair of SAN switches for their virtualization environment. The customer requires a total of eight 16 Gbps FC storage ports and eighteen 8 Gbps FC host attachments.

Which switch meets the customer's needs at the lowest cost?

- A. HPE StoreFabric SN6010C 48-port Switch
- B. HPE StoreFabric SN6010C 12-port Switch with an On Demand Port Activation License
- C. HPE 8/24 SAN Switch 16-port Switch with an 8-port Upgrade License
- D. HPE 8/24 SAN Switch 16-port Switch

Answer: B

NEW QUESTION 70

- (Exam Topic 2)

A customer needs to centralize their backup environment for their branch office They plan to use HPE StoreOnce with catalyst

What should they implement within their backups software to minimize the network load on the remote site?

- A. source-side deduplication
- B. target-side deduplication
- C. thin provisioning
- D. native compression

Answer: A

NEW QUESTION 75

- (Exam Topic 2)

A customer requires an entry-level, all-flash system with predictable performance at the lowest possible price. They have performance-sensitive workloads that require speed and efficiency.

Which HPE storage system needs the customer's requirements?

- A. Nimble CS1000
- B. Nimble SFA
- C. Nimble AF1000
- D. Nimble AF5000

Answer: B

NEW QUESTION 77

- (Exam Topic 2)

A customer needs a solution that supports rapid provisioning changes on physical bare-metal servers and on a virtualization hypervisor. They are considering migrating to a new solution that supports software-defined storage.

Which HPE compute platform should the customer implement?

- A. ProLiant DL
- B. BladeSystem
- C. Synergy
- D. SimpliVity

Answer: C

NEW QUESTION 82

- (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 84

- (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 85

- (Exam Topic 2)

A customer needs to virtualize their storage across physical servers and storage environments. Which HPE solution meets the customer's needs?

- A. Nimble CS3000
- B. StoreVirtual 4335
- C. StoreVirtual VSA
- D. MSA 2050

Answer: C

NEW QUESTION 87

- (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 92

- (Exam Topic 2)

You are managing a HPE ProLiant rack-mount server and need to determine when the Remote Console was most recently used. Where can you find this information?

- A. System
- B. IML
- C. iLO
- D. Audit

Answer: C

NEW QUESTION 96

- (Exam Topic 2)

You are designing a system for a customer that has a contract with a government agency. The contract requires the highest level of security algorithms possible. Which HPE ProLiant Gen10 feature set will address this customer's needs?

- A. CNSA mode
- B. FIPS 140-2 mode
- C. high security mode
- D. production mode

Answer: A

NEW QUESTION 98

- (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 100

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