

HP.Premium.HPE0-S37.by.VCEplus.110q

Number: HPE0-S37 VCEplus
Passing Score: 800
Time Limit: 120 min
File Version: 2.7



Exam Code: HPE0-S37

Exam Name: Building HPE Server Solutions

Certification Provider: HP

Corresponding Certification: HPE ATP - Server Solutions V3

Website: www.vceplus.com

Free Exam: <https://vceplus.com/exam-hpe0-s37/>

Questions & Answers Exam Engine is rigorously checked before being put up for sale. We make sure there is nothing irrelevant in HPE0-S37 exam products and you get latest questions. We strive to deliver the best HPE0-S37 exam product for top grades in your first attempt.

VCE to PDF Converter : <https://vceplus.com/vce-to-pdf/>

Facebook: <https://www.facebook.com/VCE.For.All.VN/>

Twitter : https://twitter.com/VCE_Plus

Google+ : <https://plus.google.com/+Vcepluscom>

LinkedIn : <https://www.linkedin.com/company/vceplus>

QUESTION 1

Which methods can an administrator implement to provide higher security within a management network? (Select two.)

- A. SNMPv3
- B. community strings
- C. NTP
- D. isolated VLAN
- E. port mirroring

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

A: Simple Network Management Protocol (SNMP) is an Internet-standard protocol for collecting and organizing information about managed devices on IP networks and for modifying that information to change device behavior.

Three significant versions of SNMP have been developed and deployed. SNMPv1 is the original version of the protocol. More recent versions, SNMPv2c and SNMPv3, feature improvements in performance, flexibility and security.

B: The SNMP Read-Only Community String is like a password. It is sent along with each SNMP Get-Request and allows (or denies) access to device. Most network vendors ship their equipment with a default password of "public". (This is the so-called "default public community string".) Many network administrators change the community string to keep intruders from getting information about the network setup. This is a good idea. Even if it's only read-access, an intruder can learn a lot about a network that could be used to compromise it.

References: https://en.wikipedia.org/wiki/Simple_Network_Management_Protocol

<https://community.helpsystems.com/knowledge-base/intermapper/snmp/snmp-community-strings/>

QUESTION 2

A customer is considering the DL380 Gen9 as the platform standard for its VLAN cluster. The configuration will use 24 drives. Each 8-drive cage will contain 1 SSD and 7 SATA drives. Which array controller should the architect recommend for this configuration?

- A. HPE Dynamic Smart Array B140i controller
- B. HPE Smart Array P840 controller
- C. HPE SAS Expander
- D. HPE Flexible Smart Array P440ar controller

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

HPE Flexible Smart Array P440ar controller has 8 Internal SAS/SATA physical links across 2 x4 ports.

The controller supports the HPE SmartCache feature, which is a controller-based read and write caching solution in a DAS environment that caches the most frequently accessed data ("hot" data) onto lower latency SSDs to dynamically accelerate application workloads. The HPE SmartCache architecture is flexible and supports any HPE ProLiant Gen9 supported HDD for bulk storage and any HPE ProLiant Gen9 supported SSD as an accelerator.

QUESTION 3

A system administrator is concerned about a high number of visitors connecting to a company's network. In addition to the production network traffic, the network infrastructure is used for the systems management traffic to the company's servers.

What should the administrator do to separate traffic?

- A. Implement dynamic routing using the Open Shortest Path First (OSPF) protocol.
- B. Split the traffic using the Virtual Local Area Networks (VLAN).
- C. Create multiple Spanning Tree Protocol (STP) instances to carry different types of traffic.
- D. Change the priority of the traffic using the Quality of Service (QoS) feature.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Section: (none)

Explanation

Explanation:

Quality of service (QoS) protocols allow a router to distinguish different classes of traffic and serve each class according to its priority and needs.

References: <ftp://ftp.hp.com/pub/networking/software/A-C07-QoS.pdf> (page 4)

QUESTION 4

A customer's database is slow to respond, and the customer wants response times to be dramatically increased.

Which solution should the architect recommend to achieve this result?

- A. Install a new disk drive, and make it a hot spare.
- B. Install a workload accelerator.
- C. Use IPv6 protocol instead of IPv4.
- D. Install a redundant power supply to optimize load balancing.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

HPE PCIe Workload Accelerators allows you to implement ten times the number of virtual machines compared to typical virtualization environments.

Achieve significant energy cost savings with 70% more compute per Watt of power with server and Accelerators. Reduces data center footprint by hosting an entire database on one HPE PCIe Workload Accelerator.

References: <http://www8.hp.com/us/en/products/accelerators/product-detail.html?oid=8699241>

QUESTION 5

What is a feature of HPE Onboard Administrator?

- A. deploys a variety of operating systems including Windows and Linux.
- B. reports blade server errors directly to HPE to quickly resolve problems
- C. performs initial configuration steps of the enclosure
- D. uses the UID to identify the enclosure

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

When you use the embedded Remote Support functionality with an HP ProLiant Gen8 server or HP BladeSystem c-Class enclosure, you can register a server or enclosure to communicate to HP through an HP Insight Remote Support centralized Hosting Device in your local environment. All configuration and service event information is routed through the Hosting Device. This information can be viewed by using the local HP Insight Remote Support user interface or the web-based view in HP Insight Online.

The Central Connect Remote Support configuration is available in iLO 4 1.10 and later, Intelligent Provisioning 1.20 and later, and Onboard Administrator 3.60 and later.

References: http://h20564.www2.hp.com/hpsc/doc/public/display?docId=emr_na-c03257154 (page 74)

QUESTION 6

A customer selects the HPE c7000 with redundant FlexFabric-20/40 F8 Virtual Connect modules for a private cloud project. For the server platform, the customer plans to use the ProLiant BL460 Gen9 with the FlexFabric adapters installed. How many FlexNICs will be available per 20Gb port for the customer's cloud services?

- A. 1

- B. 2
- C. 4
- D. 8

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

HP Virtual Connect FlexFabric-20/40 F8 Module for c-Class BladeSystem specifications include:

BladeSystem supported:

16 x 10/20Gb downlinks through the midplane

2 x 20Gb cross connect links

4 x 40Gb SR4, LR4 fiber, DAC, AOC and Splitter uplinks QSFP+

8 x 10Gb SR, LRM and LR fiber and copper uplinks SFP+

1 internal interface to c-Class Onboard Administrator Module

References: <http://www8.hp.com/us/en/products/virtual-connects/product-detail.html?oid=6239367#!tab=specs>

QUESTION 7

A customer needs to eliminate thermal imbalance in its new data center. Which solution should the architect recommend to the customer?

- A. any HPE iPDU
- B. HPE Intelligent Network racks
- C. HPE Rack Air Duct Kit
- D. any Intelligent Series rack

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

HP Intelligent Series Rack introduces a range of industry firsts starting with built-in intelligence. With HP Location Discovery Services, servers can self-identify and inventory to optimize workload placement. In addition, HP Thermal Discovery Services provide a view of each server's energy requirements, allowing workloads to be easily moved for energy efficiency and cooling performance.

References: <http://www8.hp.com/ph/en/ad/proliantgen8-fy12q3/product-options.html>

QUESTION 8

A customer is deploying a new solution that requires a third-party VoIP card.

Which HPE BladeSystem component is needed to be able to attach the customer's existing BL460c Gen9 server blades to the VoIP card?

- A. HPE OneView
- B. HPE Storage Blade
- C. HPE Smart Array P244br controller
- D. HPE PCI Expansion Blade

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

Features of the PCI Expansion Blade include:

Provides PCI-X or PCIe expansion slots for c-Class blade server in an adjacent enclosure bay.

Each PCI Expansion Blade can hold one or two PCI-X cards; or one or two PCIe cards, but cannot contain one of each type of PCI card.

The PCIe and PCI-X expansion slots are rated at 25 Watts per slot.

Supports typical third-party non-HP PCI cards, such as SSL or XML accelerator cards, VOIP cards, special purpose telecommunications cards, and some graphic acceleration cards.

QUESTION 9

What are the benefits of implementing bladed architecture instead of traditional rack mount servers? (Select two.)

- A. lower initial capital cost
- B. shared memory architecture
- C. more predictable MTBF
- D. higher compute density
- E. shared power and cooling

Correct Answer: DE

Section: (none)

Explanation

Explanation/Reference:

Explanation:

D: Blade servers allow more processing power in less space which simplifies cabling, storage, and maintenance. Blades are often used for grid computing. The advantage of blade servers is not only that one "cabinet" houses multiple servers that share power source and other components, but also from the consolidation of related resources, such as storage and networking equipment, into a smaller architecture than would be the case with a farm of regular servers.

E: A blade server most importantly reduces power consumption and improves power management. Consolidating power supplies into the blade chassis reduces the number of separate power supplies needed and also reduces the power requirements per server. Because individual server blades are stripped to bare minimum and do not have other features found in conventional servers such as keyboard, graphic cards, and others, that employ less devices that need to be powered. This reduces overall power consumption. One blade server with 16 server blades uses much less power than 16 individual full-size servers.
References: <http://www.maxi-pedia.com/blade+server+benefits+advantages+and+disadvantages>

QUESTION 10

Which modes of IT operations are bridged by HPE Composable infrastructure? (Select two.)

- A. business centric
- B. application centric
- C. datacenter centric
- D. IT centric
- E. customer centric

Correct Answer: BD

Section: (none)

Explanation

Explanation/Reference:

Explanation:

PE Synergy is the first Composable Infrastructure platform, designed from the ground to run both traditional and cloud-native applications. Your customers can use HPE Synergy technology, software and services to build the ultraresponsive, application-centric IT infrastructures needed to transform IT service delivery, get-to-market quickly and take early advantage of competitive opportunities.

References: <http://www.hpe.azlan.com/en/Products/Servers/HPE-Synergy-Composable-Infrastructure-Solutions/>

QUESTION 11

A customer needs to specify a firmware baseline for an HPE c7000 enclosure in HPE OneView. Under which condition is this option available?

- A. when the enclosure is monitored by HPE OneView
- B. when a valid HP SUM image is uploaded to HPE OneView
- C. when the enclosure is managed by HPE OneView
- D. when a valid set of the Smart Components is uploaded to HPE OneView

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

When you add enclosures and servers as managed, you can specify a firmware baseline for the Onboard Administrator, interconnects, and iLO modules.

References: <http://h20564.www2.hp.com/hpsc/doc/public/display?docId=c04764760>

QUESTION 12

Which approach protects server data against natural disasters?

- A. deploying the solution in two data centers in different geographic locations
- B. configuring a redundant power subsystem at the server/enclosure level
- C. implementing a redundant UPS solution
- D. configuring storage replication within the data center

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 13

What can an administrator use to install HPE Agentless Management Service? (Select two.)

- A. HPE Virtual Connect Manager
- B. HPE Intelligent Provisioning
- C. HPE iLO firmware
- D. HPE Service Pack for ProLiant
- E. HPE Virtual Connect Enterprise Manager

Correct Answer: BC

Section: (none)

Explanation

Explanation/Reference:

Section: (none)

Explanation

Explanation:

B: You have three options for installing the HP Agentless Management Service:

• HP Intelligent Provisioning

• HP SIM Configure and Repair Agents options

• HP SIM Managed System Setup Wizard

C: Tired of installing agents on your servers to monitor them? With the Agentless Management solution, the management software (SNMP and Redfish) operate within the HPE Integrated Lights-Out (iLO) firmware instead of the host's Operating System (OS) freeing up memory and processor resources on the host's OS for use by server applications. No agents in the OS means no opening up network ports reducing security threats, especially for those platforms that may interface directly to the Internet.

References: http://h20564.www2.hp.com/hpsc/doc/public/display?docId=emr_na-c03306157 (page 10) <http://www8.hp.com/us/en/products/server-software/product-detail.html?oid=5219980>

QUESTION 14

Which Intel Xeon processor supports up to 18 cores?

- A. E3-1200
- B. E3-1200 v5
- C. E5-1600 v3
- D. E5-4600 v3

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

The E5-4600 v3 series supports up to 18 cores.

References: <http://ark.intel.com/products/family/78583/Intel-Xeon-Processor-E5-v3-Family#@All>

QUESTION 15

Which tool should an architect use to estimate data center cooling requirements for server configurations?

- A. HPE Switch Selector
- B. HPE iQuote Universal
- C. HPE Power Advisor
- D. HPE Sizer for Server Virtualization

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

HPE Power Advisor is an easy-to-use tool that estimates your data center power requirements for your server and storage configurations. Version 6.x includes new HPE ProLiant Gen9 server options,

References: <https://www.hpe.com/us/en/integrated-systems/rack-power-cooling.html>

QUESTION 16

Which design concept is based on the principle of fluid resource pools?

- A. Composable Infrastructure
- B. Adaptive infrastructure
- C. The Idea Economy
- D. Software-defined Storage

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

HP Composable Infrastructure is designed around three core principles:

* Fluid resource pools effortlessly meet each application's changing needs by allowing for the composition and recomposition of single blocks of disaggregated compute, storage, and fabric infrastructure.

* Software-defined intelligence provides a single management interface to integrate operational silos and eliminate complexity. Workload templates speed deployment and frictionless change eliminates unnecessary downtime.

* Unified API provides a single interface to discover, search, inventory, configure, provision, update, and diagnose the composable infrastructure. A single line of code enables full infrastructure programmability and can provision the infrastructure required for an application.

References: <https://www.hpe.com/h20195/v2/GetPDF.aspx/4AA5-8813ENW.pdf> (page 6)

QUESTION 17

Which protocol is primarily used in servers to connect high performance disk drives to internal disk controllers?

- A. FC
- B. SAS
- C. FCoE
- D. iSCSI

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

Serial Attached SCSI (SAS) is a point-to-point serial protocol that moves data to and from computer storage devices such as hard drives and tape drives. SAS provides for point data transfer speeds up to 6 Gbit/s, but 12 Gbit/s products have begun shipping in 2013.

QUESTION 18

Which HPE option is required for using Location Discovery?

- A. iLO3 Management
- B. HPE Power Distribution Units
- C. HPE Intelligent Provisioning
- D. HPE Intelligent Series Rack

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

HP Intelligent Series Racks with the HP Location Discovery option installed provides detailed location information to ProLiant Gen8 Server series units to help you track new installations and equipment moves.

References: <http://www8.hp.com/us/en/products/server-location-discovery/product-detail.html?oid=5309635>

QUESTION 19

In which category is the IEC 60309 an industry standard?

- A. Power
- B. Airflow
- C. Humidity
- D. Space

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

IEC 60309 is an international standard from the International Electrotechnical Commission (IEC) for "plugs, socket-outlets and couplers for industrial purposes".

The cable connectors and sockets are colour-coded, according to the voltage range and frequency used; for example, common colours are yellow for 100â€“130 volts and 50â€“60 Hz, blue for 200â€“250 volts and 50â€“60 Hz, and red for 400â€“480 volts and 50â€“60 Hz. Color codes depend on the highest, phase-to-phase, voltage. References: https://en.wikipedia.org/wiki/IEC_60309

QUESTION 20

Which component requires HPE Insight Management Agents to be installed to verify pre-failure warranty status?

- A. hard disk
- B. storage controller
- C. memory
- D. CPU

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

HPE Insight Management Agents Pre-Failure warranty alerts feature works for Memory and drives (physical and logical).

References: <http://h20195.www2.hpe.com/V2/getpdf.aspx/4AA6-6053ENW.pdf> (page 7)

QUESTION 21

Which memory DIMM technology combines DRAM memory with flash memory to allow data to be retained in the event of power loss?

- A. LRDIMM
- B. RDIMM
- C. UDIMM
- D. NVDIM

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

A Non-Volatile Dual In-line Memory Module (NVDIMM) is a computer memory RAM DIMM that retains data even when electrical power is removed either from an unexpected power loss, system crash or from a normal system shutdown. NVDIMMs can be used to improve application performance,[1] data security, system crash recovery time and to enhance SSD endurance and reliability.

There are two main types of NVDIMM cards: NVDIMM-F and NVDIMM-N.

NVDIMM-F is a Flash-only device that resides on the memory interconnect.

NVDIMM-N is a byte-addressable memory-mapped device, which is typically accessed at memory or near-memory speeds. DDR4 NVDIMM-N cards are being sold by multiple hardware vendors and support is getting wider.[4][non-primary source needed] These NVDIMM-N devices utilize DRAM for performance and endurance, though are limited in capacity and result in higher costs due to the use of both DRAM and flash memory. References: <https://en.wikipedia.org/wiki/NVDIMM>

QUESTION 22

Which HPE cloud-based portal provides the ability to easily track service events and support cases and view device configurations?

- A. HPE Insight Diagnostic
- B. HPE Insight Online
- C. HPE Active Health System
- D. HPE Agentless Management Service

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

Use the Insight Online dashboard to monitor hardware health, track service events and support cases, view device configurations, and proactively monitor your HP contracts and warranties as well as HP Proactive service credit balances.

Features include:

* Support Cases

Track support cases inclusive of auto-created cases from HP remote support, online submittals and dial-in. Filter your case list by active and closed and easily navigate to details. Open a case directly from a device with all the relevant details automatically captured to save you time.

* Devices

Visual status of your devices and device groups with easy navigation to product and support details.

References: <http://www8.hp.com/se/sv/products/servers/solutions.html?compURI=1487547#tab=TAB2>

QUESTION 23

Where can a customer verify that a specific operating system is supported on a given HPE ProLiant server?

- A. in the Unified Extensible Firmware Interface (UEFI)
- B. in Smart Update Manager
- C. in HPE Single Point of Configuration Knowledge (SPOCK)
- D. on the operating system Support Matrix website

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

The operating system Support Matrix website features a support matrix for all HP Servers. This matrix cross references the various HP servers against operating systems that are certified for use on the servers.

References: <http://h17007.www1.hpe.com/us/en/enterprise/servers/supportmatrix/windows.aspx#.V9iQdih96Uk>

QUESTION 24

An administrator installs the Windows 2012 R2 operating system on a server with multiple network interface cards. The solution needs to have network adapter redundancy at the operating system level.

What should the administrator do to meet this requirement?

- A. Enable RDMA at the adapter level.
- B. Configure host-based VLANs.
- C. Configure Intelligent Resilient Framework through an agent
- D. Configure NIC teaming, using at least two network adapters.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

Applies To: Windows Server 2012 R2

NIC Teaming, also known as load balancing and failover (LBFO), allows multiple network adapters on a computer to be placed into a team for the following purposes:

- * Bandwidth aggregation

- * Traffic failover to prevent connectivity loss in the event of a network component failure

References: [https://technet.microsoft.com/en-us/library/hh831648\(v=ws.11\).aspx](https://technet.microsoft.com/en-us/library/hh831648(v=ws.11).aspx)

QUESTION 25

What do cluster environments use to identify node failures?

- A. SNMP community strings
- B. heartbeats
- C. OSPF link state advertisements
- D. network interface driver diagnostics

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

What Happens when a Node Times Out

Each node sends a heartbeat message to the cluster coordinator every HEARTBEAT_INTERVAL number of microseconds (as specified in the cluster configuration file). The cluster coordinator looks for this message from each node, and if it does not receive it within NODE_TIMEOUT microseconds, the cluster is reformed minus the node no longer sending heartbeat messages.

On a node that is not the cluster coordinator, and on which a node timeout occurs (that is, no heartbeat message has arrived within NODE_TIMEOUT seconds), the following sequence of events occurs: The node tries to reform the cluster.

If the node cannot get a quorum (if it cannot get the cluster lock) then The node halts (system reset).

References: <http://docstore.mik.ua/manuals/hp-ux/en/B3936-90122/ch03s07.html>

QUESTION 26

What can be used to facilitate the configuration of OS installations on HPE ProLiant Servers?

- A. HPE Virtual Connect Manager
- B. HPE iLO Federation
- C. HPE Intelligent Provisioning
- D. HPE Smart Storage Administrator



Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

Intelligent Provisioning is a server provisioning tool that is simple to use, offers fast deployment and provides flexibility on how to deploy servers.

Fully integrated system and OS configuration tool reduces your server installation and set-up steps, so you can deploy servers faster.

References: <http://www8.hp.com/us/en/products/server-software/product-detail.html?oid=5219984>

QUESTION 27

An architect is using Sales Builder for Windows to create a configuration. The architect needs to generate a graphical view that can be used to modify the configuration. Which functionality should the architect use?

- A. Whiteboard
- B. Configurator Worksheet

- C. Quoter
- D. System Diagram

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Section: (none)

Explanation

Explanation:

The whiteboard is considered your working area. Just as in most programs, you can have one or more whiteboards opened and systems being configured on them at one time.

References: http://www.tools.hp.com/sbwtraining/SBW-Configurator/3_03_whiteboard.pdf

QUESTION 28

What is an advantage of RAID 6 over RAID 5?

- A. lower cost
- B. higher performance
- C. easier implementation
- D. higher data availability



Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

RAID 6 has additional protection against block failures and controller errors by the extra parity.

References: <http://www.techrepublic.com/blog/the-enterprise-cloud/raid-5-or-raid-6-which-should-you-select/>

QUESTION 29

What is a benefit of PCIe version 3.0 over PCIe 2.0?

- A. It supports InfiniBand in full throughput mode.
- B. It reduces the profile of the option cards.
- C. It decreases the base clock speed to save power.

D. It doubles the total bandwidth on the bus.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

PCI Express 3.0 upgrades the encoding scheme to 128b/130b from the previous 8b/10b encoding, reducing the bandwidth overhead from 20% of PCI Express 2.0 to approximately 1.54% ($= 2/130$). PCI Express 3.0's 8 GT/s bit rate effectively delivers 985 MB/s per lane, practically doubling the lane bandwidth relative to PCI Express 2.0. References: https://en.wikipedia.org/wiki/PCI_Express#PCI_Express_3.0

QUESTION 30

Which tool monitors the usage of Solid State Drives (SSD) to determine the estimated life of the drive?

- A. HPE Offline Insight Diagnostics
- B. HPE Smart Storage Administrator
- C. HPE Online Insight Diagnostics
- D. HPE OneView

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

HPE Smart Storage Administrator supports HP SmartSSD Wear Gauge reporting. This benefits users by monitoring their usage of Solid State Drives (SSD) and notifies them of the estimated remaining life of the drive, based on the current workload.

References: <http://www8.hp.com/us/en/products/server-software/product-detail.html?oid=5409020>

QUESTION 31

Which server components are monitored for redundancy status by means of HPE Agentless Management? (Select two.)

- A. FlexibleLOM
- B. power supply
- C. Smart Array controller
- D. fans
- E. CPU

Correct Answer: BC

Section: (none)

Explanation

Explanation/Reference:

Explanation:

References: <http://h20195.www2.hp.com/V2/getpdf.aspx/4AA6-6053ENW.pdf>

QUESTION 32

Which HPE technologies allow integration with HPE Intelligent Series Racks? (Select two.)

- A. HPE Intelligent Management Center (IMC)
- B. HPE Insight Diagnostics Online Edition
- C. HPE Platinum Power Supplies
- D. HPE Intelligent Provisioning
- E. HPE OneView

Correct Answer: CE

Section: (none)

Explanation



Explanation/Reference:

Explanation:

C: HPE Intelligent PDUs incorporate Power Discovery Services, which when combined with HPE's line of Platinum or Platinum Plus high efficiency power supplies, communicates with the attached servers to collect asset information for the automatic mapping of the power topology inside a rack, speeding implementation time and greatly reducing the risk of human errors that can cause power outages.

E: Location Discovery Services enable HPE OneView Advanced to automatically know and display the exact 3D location of Gen8 and Gen9 servers within HPE Intelligent Series Racks.

Note: The HP Intelligent Series is the first rack family to offer optional location discovery intelligence for advanced asset management. This new capability integrates with HP Lights-Out Management (iLO) and HP Intelligent Power Distribution Units (iPDU).

References:

<https://www.hp.com/h20195/v2/getpdf.aspx/c04123237.pdf?ver=15> <http://www8.hp.com/us/en/products/pdu/product-detail.html?oid=4206782> <https://www.hp.com/h20195/v2/getpdf.aspx/c04111367.pdf?ver=16>

QUESTION 33

Which HPE tool can be used to connect directly to HPE to register a Gen8/Gen9 ProLiant server for HPE Insight Remote Support?

- A. HPE Insight Online

- B. HPE Insight Diagnostic
- C. HPE Intelligent Provisioning
- D. HPE Onboard Administrator

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

Register with an Insight Remote Support 7.6 Hosting Device through the HPE ProLiant iLO 4 or Intelligent Provisioning interface.

References: http://h17007.www1.hpe.com/us/en/enterprise/servers/supportmatrix/insight_rs.aspx

QUESTION 34

What is a common benefit of using a Converged Network Adapter?

- A. ability to switch between Ethernet and InfiniBand connectivity
- B. hardware offload of SAS 3.0 protocol
- C. direct access to network card ROM from operating system
- D. hardware offload of iSCSI protocol

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

The HP Dual Port Converged Network Adapters (CNAs) are dual port adapters that provide Ethernet, iSCSI, and Fibre Channel (FC) connectivity over 10GbE using both Fibre Channel over Ethernet (FCoE) and Converged Enhanced Ethernet (CEE) standards. By consolidating Ethernet, iSCSI, and Fibre Channel onto a converged network adapter, HP CNAs reduce the number of separate adapters and cables required for your datacenter and also reduce operational, power and cooling costs while preserving existing Ethernet and Fibre Channel infrastructure. References: <https://www.hpe.com/h20195/v2/getpdf.aspx/c04123272.pdf?ver=18>

QUESTION 35

Which tool used to configure HPE Secure Encryption?

- A. iLO
- B. UEFI

- C. SSA
- D. SUM

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

HPE Secure Encryption is easy to manage using iLO of the HPE Smart Array Px3x and Px4x controllers, and other direct-attached storage devices, via HPE Smart Storage Administrator. References: <https://www.hpe.com/h20195/v2/GetPDF.aspx/c04318075.pdf>

QUESTION 36

What is a feature of HPE Synergy Composer?

- A. It updates resources without service interruption.
- B. It provides stateless compute boot images.
- C. It uses SATA, SAS, or SSD drives for internal storage.
- D. It uses one Compute Slot, or two for redundancy

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

HPE Synergy Composer, which is powered by HPE OneView, manages the Composable Infrastructure and delivers:

- * Software-defined intelligence, with a single interface that precisely composes logical infrastructures at near-instant speeds; and demonstrates template-driven, frictionless operations, and

- * Fluid pools of resources, where a single infrastructure of Compute, Storage, and Fabric boots up ready for workloads and demonstrates self-assimilating capacity,

- * Unified API access

References: <https://www.hpe.com/h20195/v2/GetPDF.aspx/c04815139.pdf>

QUESTION 37

When configuring Secure Boot in VMware ESXi, which option should the administrator enable?

- A. Embedded UEFI Shell Options
- B. ROM Based Setup Utility

- C. UEFI Optimized Boot
- D. Legacy Boot Mode

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

Before you enable Secure Boot, make sure you:

* Select UEFI Boot Mode.

* Enable UEFI Optimized Boot.

References: <http://www.hp.com/ctg/Manual/c04398276.pdf> (Page 79)

QUESTION 38

What advantage does a blade system solution provide over a standard rack based server solution?

- A. single phase power supplies
- B. redundant network adapters
- C. cable-less server installation
- D. redundant SSD mirroring



Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

Blade servers simplify cabling requirements and reduce wiring by a great percentage. Power cabling, operator wiring (keyboard, mouse, etc.) and communications cabling (Ethernet, SAN connections, cluster connection) are greatly reduced as well.

References: <http://www.maxi-pedia.com/blade+server+benefits+advantages+and+disadvantages>

QUESTION 39

A customer need a server solution that supports E3-1200 v5 processors. Which server model meets this requirement?

- A. HPE ProLiant ML10 Gen9
- B. MicroServer Gen8
- C. HPE ProLiant DL60 Gen9

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Section: (none)

Explanation

Explanation:

The HPE ProLiant ML10 Gen9 Server supports the Intel Xeon® E3-1200 v5 processor in a 4U chassis offering increased performance and efficiency.

Note: The HPE ProLiant DL20 Gen9 Server is also powered by Intel® Pentium®, Core i3 and E3-1200v5 processors.

QUESTION 40

A customer needs to increase security within a management network and add the ability to log in to an iLO by using domain credentials. Which component is required to enable this functionality?

- A. TACACS+ server
- B. dedicated Active Directory server
- C. iLO Advanced license
- D. redundant Onboard Administrator

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 41

Which HPE software product provides a single infrastructure and single management platform?

- A. HPE Intelligent Provisioning
- B. HPE Insight Remote Support
- C. HPE OneView
- D. HPE Virtual Connect Enterprise Manager

Correct Answer: C

Section: (none)

Explanation