Vendor: HP

Exam Code: HP0-S41

Exam Name: Building HP Server Solutions

Version: DEMO

QUESTION 1
Which component of the iLO Management Engine monitors and records changes in server hardware?

A. Intelligent Provisioning
B. Embedded Remote Support
C. Agentless Management
D. Active Health System

Answer: C
Explanation:
Agentless Management Service
AMS is a lightweight service that collects operating system-based management information and provides it to iLO. AMS collects the following information:
* Server inventory information on installed applications
* Information on processes, including running, system name, IP address, and operating system installed
* NIC information that iLO cannot access

QUESTION 2
What is a benefit of HP FlexibleUDM technology?

A. Support for both fiber optic and copper connectivity on the same adapter
B. Ability' to partition one physical network adapter into multiple functions
C. Ability to select the server's default Ethernet interface
D. Support for multiple networking protocols on the same adapter

Answer: A
Explanation:
FlexibleLOM technology offers choices and flexibility in meeting your networking needs both now and in the future. You can choose the desired bandwidth speed and fabric type (such as fiber optic or copper/Ethernet) for your current network requirements, and re-configure later if future needs dictate.

QUESTION 3
Which ProLiant servers are single socket? (Select two.)

A. HP ProLiant DL380 Gen9
B. HP ProLiant ML110 Gen9
C. HP ProLiant DL80 Gen9
D. HP ProLiant DL580 Gen8
E. HP ProLiant BL460C Gen8

Answer: BC
Explanation:
HP ProLiant ML110 Gen9has a single Processor Socket: LGA775 Socket HP ProLiant DL80 Gen9 Processor: 2 (optional) x HP Smart Socket Guides
Incorrect:
Not A: The DL380 Gen9 Server is a dual socket, 2U rack server.
Not D: The HP ProLiant DL580 Gen8 Server is an enterprise-grade four socket (4S) x86 server.
Not E: The HP ProLiant BL460c Gen8 Server Blade is a dual-socket server blade

QUESTION 4
What is a benefit of digitally signed ROMs in HP ProLiant servers?

A. Allow IP to be repaired
B. Prevent installation of unsigned drivers
C. Prevent malicious efforts to corrupt system ROM
D. Allow unsigned driver installation

Answer: C
Explanation:
Improved System ROM Security
The Gen8 System ROM has been hardened to prevent accidental or malicious corruption of the System ROM. All modifications to the System ROM must be authenticated and HP System ROM images are digitally signed.

QUESTION 5
Which tool, which ships with Apollo 6000 systems, allows you to see chassis, and rack-levels from a single console?

A. HP Advanced Power Manager
B. HP Power Plan Utility
C. HP Power Manager Utility
D. HP Power Sizer

Answer: A
Explanation:
The HP Advanced Power Manager (HP APM) is an optional rack level solution. HP APM will automatically discover hardware components and enable server level power on and off, server metering, aggregate dynamic power capping, configurable power-up dependencies and sequencing, consolidated Ethernet access to all resident iLOs, and asset management capabilities.
Each HP APM can connect up to 10 chassis via consolidated chassis management cable.

QUESTION 6
Which component makes Xeon E5-2600 v2 processors different from Xeon E5-2600 v3 processors?

A. Cache size
B. Die technology
C. QPI Speed
D. PCIe version

Answer: C
Explanation:
Xeon E5-2600 v3 and Xeon E5-2600 v2 CPUs do not use the same CPU socket. All new CPUs offer faster memory speeds and QPI (Intel QuickPath Interconnect) transfers. Applications which effectively leverage the new FMA instructions should be able to achieve higher performance than flagship v2 CPUs using almost any of the v3 CPUs.
www.microway.com/hpc-tech-tips/intel-xeon-e5-2600-v3-haswell-processor-review/

QUESTION 7
Which HP chassis component will be updated automatically if a firmware baseline is not specified in HP OneView?

A. HP Virtual Connect
B. HP server blade System ROM
C. HP Onboard Administrator
D. HP Power Control Module

Answer: C
Explanation:
If you do not specify a firmware baseline, the Onboard Administrator and iLO modules are updated automatically to have the minimum firmware versions required to be actively managed by the appliance.

QUESTION 8
What are the benefits of implementing bladed architecture instead of traditional rack mount servers, (Select Two?)

A. Shared memory architecture
B. Shared power and cooling
C. Lower initial capital cost
D. More predictable MTBF
E. higher compute density

Answer: BE
Explanation:
B: 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.
E: Blade servers allow more processing power in less space which simplifies cabling, storage, and maintenance.
Note: Blades can be whatever you need them to be. Use the blade savings of time, money, and energy costs to create a competitive advantage over your competitors to achieve up to 68% reduction in data center costs over traditional rack environment, 90% reduction in downtime and speed delivery of new applications and services.

QUESTION 9
Which information is available in HP Location Discovery Services?

A. Identification of the host server for a specific virtual machine
B. Identification of a failed Field Replaceable Unit (FRU)
C. Location of a server within a rack
D. Location of a specific disk partition on a storage array

Answer: C
Explanation:
HP Location Discovery Services is the first solution that merges the physical rack with IT equipment to provide automated location awareness of installed servers. Once the server knows exactly where it is located, this information can be forwarded to other systems such as the HP Intelligent PDUs, and can be used to automatically update Insight Control.

QUESTION 10
What enable HP Gen9 Smart Array Controller to realize Backup Power?

A. Smart Carrier
B. Smart Storage Battery
C. Smart memory
D. Smart Storage Super Caps

Answer: B
Explanation:
The HP Smart Storage Battery--new for Gen9 controllers--provides a centralized battery solution for all Smart Array Controllers. Not only does it provide backup power for multiple controllers, it makes it easier to add additional Smart Array Controllers without the need for cable routing.
http://h20195.www2.hp.com/v2/getpdf.aspx/4AA5-4217ENW.pdf?ver=1.0

QUESTION 11
Which HP Server is designed for light scale out workloads?

A. Microserver
B. Blade System
C. Moon Shot
D. Integrity

Answer: C
Explanation:
http://h20195.www2.hp.com/v2/GetPDF.aspx%2F4AA4-6973ENW.pdf (page 5)

QUESTION 12
Which HP Option is required for using location Discovery?

A. Hp Intelligent series rack
B. Hp Intelligent Provisioning
C. Hp Intelligent PDUs
D. Storage Resource Management

Answer: A
Explanation:
HP Location Discovery Services is an option to HP Intelligent Series racks that provides automatic discovery of Location Discovery enabled systems within the rack.
http://www8.hp.com/h20195/v2/GetPDF.aspx/c04123199.pdf

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