HP2-T29^{Q&As}

Delta - Building HP Server Solutions

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QUESTION 1

Which functionalities are included in the Onboard Administrator?(Select two.)

A. It allocates power based on the measured maximum power following insertion of a blade server.

B. It permits the administrator to assign the device bay number following insertion of a blade server. It allows manual pairing of specific blade servers to specific power supplies.

C. It surveys blade servers to verify and display the functionality of server NICs.

D. It verifies that interconnect modules and mezzanine cards are compatible.

Correct Answer: AC

QUESTION 2

Active Health System	▼
	Monitors and records changes in the server hardware and system configuration
	Monitors hardware, generates alerts, and runs on the iLO chipset
	Provides out-of-the box single-server deployment and configuration capability
	Provides secure export of logs to speed up troubleshooting

Intelligent Provisioning	▼
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Embedded Remote Support	▼
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Agentless Management	▼
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Hot Area:

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QUESTION 3

Which functionality does Onboard Administrator provide?

A. Virtual Connect stacking

B. connectivity to all network cards for server blades

C. management of the enclosure

D. iLO Federation functionality

Correct Answer: C

Explanation:

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The OA module offers web-based and command-line interface manageability. It has two major functions:

- Driving all management features through the two Inter-Integrated Circuit (I2C) and Intelligent Chassis Management Bus (ICMB) interfaces

- Aggregating up to 16 iLO ports in a c7000 enclosure and up to eight iLO ports in a c3000 enclosure, simplifying cable management, and providing a GUI to launch individual server iLO management interfaces

The rear of each module has an LED (blue UID) that can be enabled (locally and remotely) and used to identify the enclosure from the back of the rack.

QUESTION 4

Which storage technologies have been introduced in HP ProLiant Gen9 servers\\'?(Select two.)

A. single cache across stand up cards

B. SSD drives

C. shared battery backup

D. Super-caps

E. SmartCaching

Correct Answer: AC

Explanation: Explanation/reference:

Shared backup power—HP Smart Storage battery

With ProLiant Gen9 servers, HP Smart Storage batteries are offered as a platform-wide device, with support no longer confined to Smart Array controllers. This means that backup power has been moved from one supercap per controller to a shared battery across all Smart Array controllers in a system. Figure 1-22 reproduces a screen in iLO 4 that shows the status of Smart Storage batteries and other power information.

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ProLiant server direct-attached storage

With the introduction of ProLiant Gen9 technologies, HP is offering more flexible direct-attached storage across the ProLiant server portfolio. Hard disk drives (HDDs) will continue to live on as bulk storage. HP solid-state drives (SSDs) are becoming more commonly used as fast tiers or cache for any application you want to accelerate.

Some of the changes in ProLiant Gen9 storage offerings include:

- Serial ATA (SATA)-only option (up to 10 ports) offered on all servers
- Dynamic Smart Array B140i embedded storage controller standard on all ProLiant Gen9 servers
- Boot device options
- M.2 SATA, USB-attached mirrored microSD
- 12 Gb/s SAS P-series controllers
- Shared battery for backup power (no more supercaps)
- Single-cache module across stand-up cards (4 GiB)
- 12 Gb/s SAS H-series controllers
- Low-cost SAS RAID options (0, 1, 5)

QUESTION 5

What are benefits of implementing a blade architecture instead of traditional rack mount server?

A. Embedded Disaster recovery capability

B. Shared I/O infrastructure

C. More predictable MTBF

D. Reduce Power Infrastructure

E. Shared Memory

Correct Answer: BD

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