

# HP0-S42<sup>Q&As</sup>

Architecting HP Server Solutions

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### QUESTION 1

What enables out-of-band management of multiple rack-mount servers from a single web interface?

- A. Onboard Administrator
- B. iLO Federation
- C. Intelligent Provisioning
- D. Virtual Connect Enterprise Manager

Correct Answer: A

Reference: <http://h10032.www1.hp.com/ctg/Manual/c00814176.pdf>

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### QUESTION 2

What are features of the HP ActiveHealth System? (Select two)

- A. Always on, continuous monitoring of system parameters
- B. Automatic performance optimization
- C. Display utilization statistics
- D. Proactive firmware updates
- E. Rich configuration history

Correct Answer: AE

Reference: [http://h18000.www1.hp.com/products/quickspecs/14234\\_div/14234\\_div.pdf](http://h18000.www1.hp.com/products/quickspecs/14234_div/14234_div.pdf) (page 1, HP Active Health System, see the bulleted points)

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### QUESTION 3

During the planning phase of a new BladeSystem Environment, you are asked by the customers\' data center team about the weight, power, and cooling requirements. Which tool can be used to make a quick calculation of these requirements?

- A. HP Proposal Web
- B. HP Business Support Center
- C. HP Systems Insight Manager
- D. HP BladeSystem Power Sizer

Correct Answer: D

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#### QUESTION 4

A customer has a single array group with three SAS disk drivers in a RAID 5 configuration. Which method should the customer use, with the least risk, to protect their data volume in case of a drive failure?

- A. configure RAID 1 ADM
- B. add more drives to the RAID 5 group
- C. configure a hot spare
- D. migrate the RAID 5 array group to RAID 6

Correct Answer: C

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#### QUESTION 5

What are features of the HP ProLiant MicroServer? (Select two)

- A. Redundant power supplies
- B. iLO management engine
- C. RAID protection
- D. Rack mountable
- E. ECC memory

Correct Answer: BE

Reference: [http://h20566.www2.hp.com/portal/site/hpsc/template.PAGE/public/kb/docDisplay?javax.portlet.begCacheTok=com.vignette.cachetokenandjavax.portlet.endCacheTok=com.vignette.cachetokenandjavax.portlet.prp\\_ba847bafb2a2d782fcbb0710b053ce01=wsrp- navigationalState%3DdocId%253Demr\\_na-c025166912%257CdocLocale%253D%257CcalledBy%253Dandjavax.portlet.tpst=ba847bafb2a2d782fcbb0710b053ce01andsp4ts.oid=4248009andac.admitted=1406105063446.876444892.1994801](http://h20566.www2.hp.com/portal/site/hpsc/template.PAGE/public/kb/docDisplay?javax.portlet.begCacheTok=com.vignette.cachetokenandjavax.portlet.endCacheTok=com.vignette.cachetokenandjavax.portlet.prp_ba847bafb2a2d782fcbb0710b053ce01=wsrp- navigationalState%3DdocId%253Demr_na-c025166912%257CdocLocale%253D%257CcalledBy%253Dandjavax.portlet.tpst=ba847bafb2a2d782fcbb0710b053ce01andsp4ts.oid=4248009andac.admitted=1406105063446.876444892.1994801)

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#### QUESTION 6

A customer is implementing a new mission critical application. The customer needs to protect against RAM errors, minimize cost, and maximize the use of all installed memory DIMM's. Which feature of the HP ProLiant Gen 9 server should recommend to the customer?

- A. memory mirroring
- B. smart caching
- C. Advanced Data Mirroring (ADM)
- D. Rank sparring (online spare)

Correct Answer: B

**QUESTION 7**

Which features should be listed under "Strengths" in SWOT (Strengths, Weaknesses, Opportunities, Threats) analysis of HP systems insight Manager Software? (Choose three)

**SWOT Analysis Template**

Internal	
Strengths	Weaknesses
1.	1.
External	
Opportunities	Threats
1.	1.
SWOT Analysis Summary	

- A. Fault and inventory management for ProLiant servers
- B. Warranty and contract reporting
- C. Version and Control Repository Manager

- D. Self-service portal-based Insight Orchestration
- E. TripplPoint Intrusion Detection

Correct Answer: ABC

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#### QUESTION 8

Which task should you complete when conducting a needs analysis?

- A. conduct a site survey
- B. design the hardware solution
- C. identify key decision makers
- D. identify the customer's business goals

Correct Answer: C

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#### QUESTION 9

A customer needs parallel data processing scalability for their custom financial analysis application. Which solution best meets the customer's needs?

- A. a collection of tower servers
- B. high-performance technical cluster
- C. a rack of 1U servers
- D. a collection of blade servers

Correct Answer: B

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#### QUESTION 10

What must you do first in order to update the firmware on a server blade that is running VMware ESX or ESXi?

- A. Download the latest deployment tool.
- B. Shut down all primary hosts.
- C. Evacuate the VM guest to an alternate host.
- D. Update the OA with the SmartStart Update Firmware DVD ISO

Correct Answer: C

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#### QUESTION 11

A server in the computer room has a 2.5" 146GB hot-pluggable SAS disk with flashing LEDs.

It has a green LED that is flashing intermittently and an amber LED flashing at a regular interval

(1Hz). What does the status of these LEDs indicate?

- A. The drive is active, but a predictive failure alert was received for this drive. Replace the drive as soon as possible.
- B. The drive is active, and it is operating normally.
- C. A critical fault condition was identified for this drive, and the controller placed it offline. Replace the drive as soon as possible.
- D. The drive is offline, a spare, or not configured as part of an array

Correct Answer: A

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#### QUESTION 12

You have presented an HP ProLiant Gen9 server solution to a new Customer. They are interested in your proposal but are concerned about its manageability. They want to monitor server health without installing additional software due to security and performance reasons. Which information will Agentless Management provides? (Select two)

- A. Performance counters
- B. Firmware inventory
- C. SMART drive monitoring
- D. Cluster status
- E. FC storage

Correct Answer: AC

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#### QUESTION 13

Which method will allow you to manage and maintain all operating system drivers and system hardware for every server in a customer's data center?

- A. Create a Converged Infrastructure group in HP OneView for all applicable servers to deploy updates.
- B. Use HP Smart Update solution to deploy updates.
- C. Use HP SUM and iLO Federation groups to deploy updates.
- D. Use the HP REST API and the Embedded UEFI Shell to deploy updates.

Correct Answer: B

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**QUESTION 14**

What needs to be configured on HP System Insight Manager to enable automatic WEBEM based management of newly discovered systems?

- A. System Toolboxes
- B. SSH key Exchange
- C. Host Authorizations
- D. Global Credentials

Correct Answer: D

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**QUESTION 15**

A user has been authorized on the Limited Rights default HP SIM toolbox. Which action is this user able to perform?

- A. Set up new user authorizations
- B. Run HP SIM reports
- C. Display performance monitoring metrics
- D. Reboot default managed systems

Correct Answer: B

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