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Architecting HP Server Solutions

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QUESTION 1

What are the power requirements for an HP Apollo 8000 system?

- A. three-phase high voltage AC power input
- B. DC power input
- C. three-stage power rectification
- D. single-phase high voltage AC power input

Correct Answer: A

Reference:

http://www.hp.com/hpinfo/newsroom/press_kits/2014/ComputeEra/HP_Apollo8000System_DataSheet.pdf

QUESTION 2

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

QUESTION 3

A customer has a single array group with three SAS disk drives 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

QUESTION 4

When designing a BladeSystem based solution which tool is used to provide a Bill of Materials with an accurate price list?

- A. HP Systems Selling Guide
- B. HP Blade System Capacity Advisor
- C. HP Product Bulletin
- D. HP Sales Builder for Windows

Correct Answer: D

QUESTION 5

Which tool can an HP partner use to create a validated complex solutions configuration including all HP servers, storage, networking, software, and services?

- A. HP Sales Builder for Windows
- B. HP Systems Selling Guide
- C. HP Enterprise Configurator
- D. HP Active Answers

Correct Answer: A

QUESTION 6

You are discussing a new c7000 BladeSystem solution with your customer and they indicate a possible future need to increase the amount of NICs per server to a total of eight. Which interconnect type fulfills this requirement by using two interconnect bays?

- A. HP 1/10 Gb-F Virtual Connect Ethernet module
- B. Cisco Catalyst Blade Switch 3120X for HP
- C. HP 1/10 Gb Ethernet BL-c Switch
- D. HP Virtual Connect Flex-10 10 Gb Ethernet module

Correct Answer: D

Reference: http://h18004.www1.hp.com/products/quickspecs/13127_div/13127_div.pdf

QUESTION 7

During a maintenance window over the weekend, a customer experiences some hardware problems. Which HP ProLiant Gen9 feature collected information for diagnostics and troubleshooting during the failure?

- A. ProLaint Smart System
- B. Active Health System
- C. Offline Diagnostics DvD
- D. Machine Check Abort Recovery

Correct Answer: B

QUESTION 8

You need to reduce electrical consumption while supporting peaks in application loads across ProLiant Gen9 servers that are running different operating systems. Which HP Power Regulator mode provides this balanced approach?

- A. HP Static High Performance Mode
- B. HP Static Low Power Mode
- C. OS Control Mode
- D. HP Dynamic Power Savings Mode

Correct Answer: D

QUESTION 9

Your customer is interested in moving toward a cloud-based solution. Which HP offering should you recommend to help the customer with their initial analysis?

- A. HP CloudSystem Matrix Expansion Services
- B. HP Critical Advantage
- C. HP Converged infrastructure maturity Model
- D. HP BladeSystem Firmware and Driver Gap analysis

Correct Answer: A

Reference: <http://h18004.www1.hp.com/products/blades/components/matrix/index.html#c1>

QUESTION 10

What can you monitor with HP Insight Online? (Select three)

- A. Service events
- B. Directory services
- C. Warranties
- D. OS event log
- E. Support cases

Correct Answer: ACE

QUESTION 11

Which standards can be implemented in a data center to help reduce carbon foot print?

- A. ISO 9001
- B. ASHRAE Level 3
- C. IEEE 802.11
- D. OSHA 3075

Correct Answer: D

QUESTION 12

A potential customer has an existing data Center environment with racks of IBM X-series servers.

There are temperature hot spots in the data center due to uneven distribution at workloads across the existing servers. Which HP offerings provide a technological advantage to address the hot spot issue? (Select two)

- A. Insight Online
- B. Sea of Sensors
- C. Dynamic Power Capping
- D. Cloud Maps
- E. User-Portal provisioning

Correct Answer: BC

QUESTION 13

Which companies produce independent third-party whitepapers and analysis showing HP and competing vendors\\' solution? (Select two)

- A. IDC
- B. TPC
- C. Gartner
- D. SPEC
- E. HP

Correct Answer: AC

QUESTION 14

Which type of security uses HP System Insight Manager (HP SIM) to enable an effective delegation of management responsibilities by giving system administrators granular control?

- A. Role-based security
- B. System-based security
- C. Toolbox-based security
- D. Host-based security

Correct Answer: A

Reference: http://h20565.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-c003286348%257CdocLocale%253D%257CcalledBy%253Dandjavax.portlet.tpst=ba847bafb2a2d782fcbb0710b053ce01andsp4ts.oid=489496andac.admitted=1400735427094.876444892.49288315

QUESTION 15

A customer needs to manage their contract, warranty, and HP Care Pack information for their server and storage infrastructure from a single location. In addition, they need proactive expiration notifications for these contracts. Which HP software or tool should you recommend?

- A. HP Insight Online
- B. HP System Management Homepage
- C. HP Helion Community Edition
- D. HP STaTS

Correct Answer: A

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