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Architecting HP Server Solutions

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QUESTION 1

Which hypervisors are supported by HP CloudSystem Matrix 7.0? (Select three)

- A. Red Hat KVM
- B. VMware vSphere
- C. Oracle VM
- D. Citrix Xen
- E. Microsoft Hyper-V
- F. Integrity Virtual Machine

Correct Answer: BEF

Reference:

<http://bizsupport2.austin.hp.com/bc/docs/support/SupportManual/c03231395/c03231395.pdf> (see page 8, supported HP servers)

QUESTION 2

Which high availability server feature is supported in the BL860 i2 Blade memory?

- A. Memory Mirroring
- B. Memory Online Spare
- C. Memory Lock-Step
- D. Memory Double Chip Spare

Correct Answer: D

Reference: http://h18000.www1.hp.com/products/quickspecs/DS_00184/DS_00184.PDF (page 2, always-on resiliency, first bulleted point)

QUESTION 3

What are benefits of PDUs? (Select two.)

- A. voltage conditioning
- B. flexible 1U/0U rack mounting options
- C. superior cable management
- D. battery backup

E. AC/DC conversion

Correct Answer: AD

QUESTION 4

Which HP Insight Software suite provides functionality for the automatic provisioning of shared resources from a self-service portal?

- A. Insight Control Essentials
- B. Systems Insight Manager
- C. Matrix Operating Environment
- D. Insight Control Standard

Correct Answer: C

QUESTION 5

Which tool can be used to reset an HP ProLiant Gen9 server to factory defaults and remove all data from the Local hard drives?

- A. Onboard Administrator
- B. HP ILO
- C. SmartStart CD
- D. Intelligent Provisioning

Correct Answer: D

QUESTION 6

You are proposing HP Intelligent Power Discovery service for a customer's new data center. Which three components do you need to include in your proposal for this service?

- A. HP Flexible Slot Power Supply, HP Modular Power Distribution Unit, and HP 3D Sea of Sensors
- B. HP Uninterruptible Power Supply, HP Basic Power Distribution Unit, and HP OneView
- C. HP Multi-Output Slot Power Supply, HP Remote Monitored Power Distribution Unit, and HP Power Advisor
- D. HP Common Slot Platinum /Platinum Plus Power Supply, HP Intelligent Power Distribution Unit, and HP Insight Control

Correct Answer: D

Reference:

<http://www8.hp.com/h20195/v2/getpdf.aspx/c04111541.pdf?ver=2>

QUESTION 7

Which technology allows multiple Fibre Channel initiators to share a single physical port?

- A. Port-based SAN Zoning
- B. Link Aggregation Control Protocol
- C. N-Port ID Virtualization
- D. Auto Port Aggregation

Correct Answer: C

Reference: <http://en.wikipedia.org/wiki/NPIV> (first paragraph)

QUESTION 8

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 9

Which market trend is driving the growth of Virtual Desktop infrastructure?

- A. converged networks
- B. social engineering
- C. workforce mobility
- D. cloud computing

Correct Answer: D

QUESTION 10

For HP BladeSystems c7000 enclosures, which component is necessary to make full use of Dynamic Power Capping? (Select two)

- A. iLO Select license
- B. Redundant Onboard Administrator (OA)
- C. HP Power Assistant
- D. Power Cap Manager

Correct Answer: AB

Reference: <http://h18004.www1.hp.com/products/servers/management/dynamic-power-capping/faq.html> (4th question on the page, second paragraph)

QUESTION 11

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

QUESTION 12

Your customer needs increased data security for an existing Smart Array P420 RAID 5 configuration. You recommend a migration to RAID 6. What is needed to migrate to RAID 6?

- A. HP Smart Array Advanced Pack (SAAP) 2.0
- B. A move the P420 to a PCIe x8 slot
- C. HP SAS MIN-MIN 3X 1X-5M Cable Assembly Kit
- D. Minimum of these identical disks

Correct Answer: A

Reference: http://h18000.www1.hp.com/products/quickspecs/14228_na/14228_na.html (see RAID support, note)

QUESTION 13

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

QUESTION 14

You customer requires a highly available storage solution that supports synchronous replication, iSCSI, and Fiber Channel, in addition to the automatic tiering of data across storage tiers. Which HP storage solution best satisfies this customer\'s needs?

- A. HP P6000 Storage System
- B. HP P1000 3PAR Storage System
- C. HP P2000 MSA Storage System
- D. HP P4000 LeftHand Storage System

Correct Answer: B

QUESTION 15

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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