HP0-S42^(Q&As)

Architecting HP Server Solutions

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QUESTION 1

When performing a customer SWOT (Strengths, Weaknesses, Opportunities, Threats) analysis, which "Opportunity" does the capacity Advisor functionality of an HP Matrix Operating Environment Solution being to a multi-vendor server data center?

SWOT Analysis Template

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

A. Provides storage provisioning management in the environment

B. Consolidates the CPU utilization data in the environment

C. Improves power capping across the environment

D. Enables storage capacity management and report generation

Correct Answer: D

QUESTION 2

Which memory protection does the BL460c Gen9 support?

A. Round-robin 64-bit CRC

B. Double-Chip spare Mode

C. Online Spare Mode

D. RAID Memory Mode

Correct Answer: C

Reference:

http://h20000.www2.hp.com/bizsupport/TechSupport/Document.jsp?objectID=c03241047andl
ang=enandcc=usandtaskId=andprodSeriesId=5177949andprodTypeId=3709945 (see memory protection in product
features)

QUESTION 3

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.pd f (see page 8, supported
HP servers)

QUESTION 4

Which enhanced system ROM feature is found on the HP ProLiant Gen9?

A. Intelligent Provisioning

B. Early video progress indicates

C. Viewable IML logs from RBSU

D. Automatic configuration tuning

Correct Answer: B

Reference: http://h18000.www1.hp.com/products/quickspecs/14212_div/14212_div.pdf (page 6, HP server ROM)
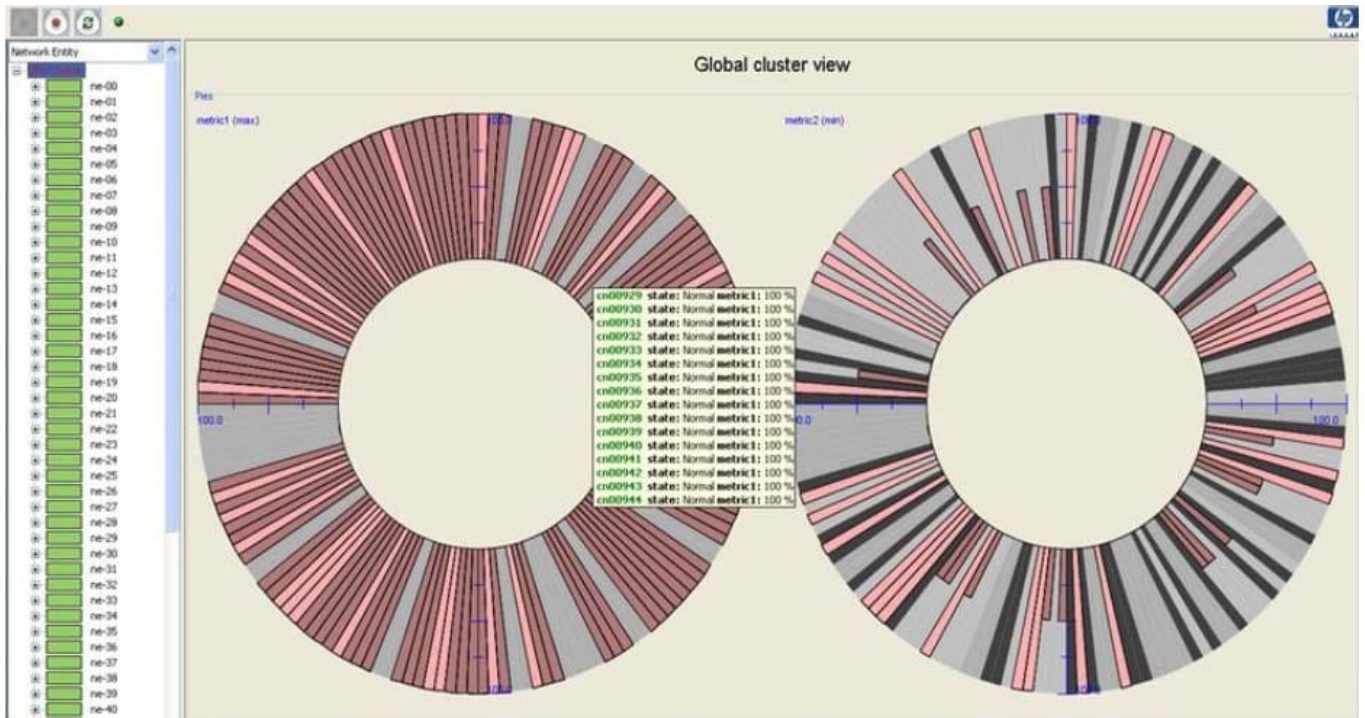
QUESTION 5

You are designing a Citrix XenServer based virtualization solution that runs on ProLiant Gen9 servers. Which design parameters should you take into consideration as part of your solution? (Select two.)

A. 35 percent additional hardware resources for host server overhead

B. memory consumed by the Control Domain on the host

C. NVDIMMS configured as caching modules for the host OS installation

D. FCoE dedicated network for XenServer migrations

E. memory consumed by the XenServer crash kernel

Correct Answer: BD

QUESTION 6

Which HP management tool does this graphic show?

A. HP Insight Control Version Control Repository Manager (VCRM).

B. HP Insight Dynamics - Virtual Server Environment (VSE).

C. HP Insight Cluster Management Utility (CMU).

D. HP Insight Data Center Smart Grid (DC Smart Grid).

Correct Answer: C

QUESTION 7

Which protocol is supported by FlexFabric 556 and 650 series adapters that enables customers to decrease network latency with minimal impact to server performance?

A. RoCE

B. FCIP

C. PCoIP

D. TCP/IP

Correct Answer: C

Reefernce: http://www8.hp.com/h20195/v2/getpdf.aspx/4AA5-4774ENN.pdf?ver=2.0

QUESTION 8

A customer\\'s data center has grown 2% annually and is expected to continue to grow. Their staffing levels have not grown. Their data center administrators monitor, manage, and control UPSs locally and remotely.

Which HP web-based application supports the administrator job tasks?

A. HP Power Advisor

B. HP Capacity Advisor

C. HP Power Protector

D. HP Sea of Sensors

Correct Answer: C

Reference: http://h18004.www1.hp.com/products/quickspecs/14070_div/14070_div.pdf (first para, on page 1)

QUESTION 9

What are the two initial modes offered by Intelligent Provisioning? (Select two)

A. Perform maintenance

B. Configure and install

C. Reset to factory state

D. Boot Order menu

E. System ROM setup

Correct Answer: AB

Reference:

http://h20566.www2.hp.com/portal/site/hpsc/template.BINARYPORTLET/public/kb/docDisp lay/resource.process/?spf_p.tpst=kbDocDisplay_ws_BIandspf_p.rid_kbDocDisplay=docDispl

ayResURLandjavax.portlet.begCacheTok=com.vignette.cachetokenandspf_p.rst_kbDocDisplay =wsrp-resourceState%3DdocId%253Demr_na-c03182305-8%257CdocLocale%253Den_USandjavax.portlet.endCacheTok=com.vignette.cachetoken (page 7)

QUESTION 10

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

QUESTION 11

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 12

Which HP OneView plugins are available for virtualization management solutions? (Select two.)

A. Microsoft Hyper-V Manager

B. vSphere Web Client

C. XenCenter Windows Management Console

D. Microsoft System Center

E. HP Integrity Essentials Virtualization Manager

Correct Answer: BD

QUESTION 13

A customer is concerned about the security of their data center. The exciting card entry system has proven to be inadequate. Which solution should you recommend to increase the security level for self-access to the data center?

A. complex passwords

B. fingerprint scanners

C. Access Control List

D. 256 AES encryption

Correct Answer: C

QUESTION 14

An HP solution includes insight Control, iPDUs, and servers configured with Common Slot Plus PSUs. Which technological advantage does this HP solution provide?

A. Automated discovery and power configuration validation

B. Intelligent switching of three-phase to single phase power

C. Remote SNMP management of power regulators

D. Ability to boot servers using half the normal power requirement

Correct Answer: A

QUESTION 15

A customer needs to manage and maintain the operation of a large hyperscale cluster of a SL based servers. The customer needs to run a set of operating system commands and execute them from within the operating system on all the SL servers. Which method should the customer use?

A. Execute the commands from the Cluster Management Utility on all of the servers

B. Create a script and use the RESTful interface tool to execute the commands on all of the servers

C. Boot HP SUM on one SL node and use iLO federation to execute the commands on all of the servers

D. Use HP SUM CLI online from within the SL operating system and execute the commands by using multicast

Correct Answer: B

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