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Architecting HP Server Solutions

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QUESTION 1

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

QUESTION 2

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 3

A customer has upgraded their network core using an HP Intelligent Resilient Framework (IRF) stack. The customer needs to reduce their network and FC storage cabling as well as increase the resilience of these networks to the servers. The customer needs failure of an upstream switch or uplink to be communicated all the way to the server operating system or hypervisor, and the traffic will be sent through the other NIC in the team. You propose blade servers to meet these requirements. Which product should you demonstrate to the customer?

A. HP 6125XG Blade Switch in an Active/Passive configuration

B. HP VC FlexFabric in an Active/Passive configuration

C. HP 6125 Blade Switch in an Active/Active configuration

D. HP VC FlexFabric in an Active/Active configuration

Correct Answer: C

QUESTION 4

A customer purchased HP Intelligent Distribution Units (iPUDS) and wants to use intelligent Power Discovery. What is required for their current DL380 G7 services to work with this solution?

A. Common Slot-48VDC Plug Supply Kit

B. Common slot Platform Hot Plug Power Supply Kit for each server

C. An upgrade to an HP ProLiant Gen9

D. Common Slot Gold Hot Plug Supply Kit for each server

Correct Answer: B

Reference: http://h18004.www1.hp.com/products/blades/thermal-logic/index.html (see Thermal logic innovations include ?Intelligent power discovery)

QUESTION 5

Which interconnect options allow both Fibre Channel storage and Ethernet connectivity?

A. Cisco MDS 9124e Fabric Switch for HP c-Class BladeSystem

B. HP BLc4X FDR IB Switch for HP c-Class BladeSystem

C. HP Virtual Connect Flex-10 10 Gb Ethernet Module for c-Class BladeSystem

D. HP Virtual Connect FlexFabric 10 GB/24-Port Module

Correct Answer: D

QUESTION 6

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

QUESTION 7

When designing a new HP OneView installation for a customer, how many logical interconnect groups must be configured for an enclosure groiup?

A. 1

B. 4

C. 2

D. 0

Correct Answer: A

Reference:

http://h20195.www2.hp.com/V2/GetPDF.aspx/4AA5-0351ENW.pdf

QUESTION 8

Your customer needs increased date 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 9

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

QUESTION 10

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 11

What is the maximum number of 1066 MHz LRDIMMs supported per channel in an HP ProLiant DL380 Gen9 server?

A. 2

B. 3

C. 4

D. 8

Correct Answer: B

Reference: http://h18004.www1.hp.com/products/servers/options/tool/hp_memtool.html (See LRDIMM or load reduced ?for gen 8 servers. When the site loads, click agree and on the following screen, you can see the information)

QUESTION 12

Which storage technology provides the overall highest I/O performance per disk?

A. 3 G SAS 15 K

B. 6 G SAS 15 K

C. 6 G SATA 7 2 K

D. 6 G MLC SSD

Correct Answer: D

QUESTION 13

An existing HP customer has over 20 c7000 enclosures with ProLiant blasdes and Cisco Ethernet interconnects and is looking to double the size of the environment to accommodate a rise in computing resource demands. Their network administrator workload currently exceeds what can be accomplished with present staffing levels, and budget is not available for hiring additional employees.

Which HP technology should you recommend to grow their environment and help address their staffing limitation?

A. Virtual Connect

B. CloudSystem Service Provider

C. Intelligent PDUs

D. A-series switches

Correct Answer: A

QUESTION 14

You are planning the new environment for a customer server consolidation project. Which tool properly sizes the hypervisor environment and creates a Bill of Materials (BOM)?

A. HP ProLiant server sizer for ESX Server

B. HP Insight Software Sizer

C. HP Smart Solution Designer

D. HP Sizer for Citrix XenDesktop

Correct Answer: A

Explanation: http://communities.vmware.com/thread/14425 The HP Sizer for Server Virtualization is an automated, downloadable tool that provides quick and helpful sizing guidance for "best-fit" HP server and storage configurations running in VMware vSphere 5.0 or Microsoft Hyper-V R2 environments. The tool is intended to assist with the planning of virtual server deployment projects on HP server and storage technologies. It enables the user to quickly compare different solution configurations and produces a customizable server and storage solution complete with a detail Bill of Materials (BOM) that includes part numbers and prices

QUESTION 15

Which service solution should you recommend to handle equipment that runs business critical IT applications with designated managers?

A. Proactive Care

B. Datacenter Care

C. Foundation Care

D. Proactive Care Advanced

Correct Answer: D

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