HP

Exam HP0-S42

Architecting HP Server Solutions

Version: 7.0

[Total Questions: 105]

Question No : 1

A customer is deploying a new mission critical application and is concerned about the possibility of failure for their OS to performance, protect against a double drive failure, and minimize cost. Which HP Smart Storage Administrator, should you recommend the customer use?

A. Advanced Data Mirroring(ADM)
B. RAID 10
C. Drive Mirroring
D. RAID 6

Answer: B

Question No : 2

After adding several high density servers to their data center, a customer experiences trouble regulating the temperature in the environment. Which HP product should you recommend to the customer?

A. Intelligent Series Rack
B. Intelligent Power Distribution Unit
C. Active Cool fans
D. Modular Cooling System G2

Answer: C

Question No : 3

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

Answer: D

Question No : 4

A customer has exceeded the current capability of their Hadoop application, which was running on DL380e Gen8 servers. You need the recommend a server that will run a new Hadoop application with dense storage capability. Which HP ProLiant Gen9 server should you recommended?

A. BL460
B. DL180
C. DL160
D. DL660

Answer: B

Explanation: http://www8.hp.com/h20195/v2/GetPDF.aspx/c04375610.pdf

Question No : 5

A customer has a rap growing large rack-mount server environment. The customer needs to display a standardized process that will streamline server provisioning. Including hardware configuration and operating system deployment. Which HP technology should you recommend to the customer ?

A. HP Smart Storage Administrator
B. HP Intelligent Provisioning
C. HP Rapid Deployment Pack
D. HP Insight Control server provision

Answer: C

Question No : 6

Which statement describes what Datacenter Care services provide?

A. advanced power management monitoring and support
B. collaborative call management assistance only for x86 solutions
C. IT professionals with high quality technical education services
D. a mix of enhanced call management, proactive services, and hardware/software assistance

Answer: D

Reference:

http://h20195.www2.hp.com/V2/GetPDF.aspx/4AA4-5127ENW.pdf

Question No : 7

What does ILO Federation use as its primary source for discovery when locating multiple system ILOs ?

A. DHCP
B. SNMP
C. Multicast
D. TCP/IP Ping Sweeps

Answer: C

Question No : 8

A customer has recently acquired company with a large install base of HP BladeSystem servers with Virtual Connect managed by HP OneView. Which solution should you recommend to the customer to enable them to easily record their new assets in their configuration management database (CMDB)?

A. Use iLO Federation groups and select the multi-system view to gather the hardware types and serial numbers of each server in the group for import into the CMDB.
B. Backup the HP OneView appliance database and use the bulk copy capability of CMDB to insert the records.
C. Use the REST API to retrieve a list of servers resources and their properties from the HP OneView appliance for import into the CMDB.
D. Use VCEM to create a customized report to find all blade servers and use the results for import into the CMDB.

Answer: C
Reference:

http://h20564.www2.hp.com/hpsc/doc/public/display?docId=c04508717

Question No : 9

A customer is interested in decreasing their time to service by using HP server solutions but is concerned about the high cost of IT staff that might be needed to administer and manage the solutions. Which key HP design principle should you explain to the customer?

A. converged infrastructure
B. software defined managements
C. server virtualization
D. workload optimization

Answer: A

Question No : 10

You are describing the HP Smart Array controllers for ProLiant Gen9servers to your customer. The customer asks how the controllers are managed. Which HP tool should you discuss with the customer?

A. HP Insight Online
B. HP Onboard Administrator
C. HP Smart Storage Administrator
D. HP Array Configuration Utility

Answer: C

Question No : 11

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

Answer: D

Question No : 12

A customer needs to maximize the density capability while reducing the cooling requirement of their data center. Which IP solution will meet the customer's needs and extend the life of their data center?

A. HP Active Cool Fans
B. HP Modular Cooling System G2
C. HP Datacenter Smart Grid
D. HP Intelligent Power Discovery

Answer: B

Question No : 13

A customer needs to provide additional internal direct attached SAS storage for a database application that ProlLiant DL380 Gen9. No additional rackspace is available. Which option should you recommend to the customer ?

A. Smart Array B140i
B. HP StoreVirtual VSA
C. HP IO Accelerators
D. 12Gb SAS Expander Card

Answer: C

Question No : 14

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

Answer: B,D

Question No : 15

While discussing how your customer manages their environment with HP Insight Remote Support, you learn that they recently acquired another company. The acquired company also uses HP Insight Remote Support. Which tool should you recommend your customer use for a consolidated view of both environments?

A. HP Insight Online with HP OneView
B. HP Insight Remote Support central connect
C. HP Insight Online direct connect
D. HP Insight Remote Support through the HP Insight Online portal

Answer: D
Explanation: http://h17007.www1.hp.com/docs/whatsnew/ATEA-4AA4-8231ENW.pdf

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Question No : 16

You need to explain to a customer how power is monitored and managed in an Apollo 6000 solution. Which HP component should you describe to the customer?

A. Advanced Power Manager
B. HP Oneview
C. Cluster Management Utility
D. External Power Shelf

Answer: D

Question No : 17

A customer has a BladeSystem c 7000 enclosure that is partially populated with HP server blades. The customer needs to add servers that have a maximum number of cores per blade server slot. Which server blade should you recommend?

A. HP ProLiant BL465c Gen8
B. HP ProLiant BL420c Gen8
C. HP ProLiant BL460c Gen8

D. HP ProLiant BL660c Gen8

Answer: A

Question No : 18

A customer subcontracts for the automotive industry and needs a compute infrastructure that supports advanced design applications and can scale as the business grows. The customer has space constraints in their data center and will use their existing racks. Which HP server series should you recommend to the customer?

A. ProLiant ML
B. ProLiant BL
C. ProLiant SL
D. ProLiant DL

Answer: C

Question No : 19

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

Answer: D

Question No : 20

A customer is experiencing in their data center, which is designed for converged