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**HP0-S42**

**Architecting HP Server Solutions**

**Version 4.1**

**Exam A****QUESTION 1**

Which commands are used in HP-UX determine operating system versions and patch levels? (Select two)

- A. sysconfig
- B. uname
- C. fcsmutil
- D. swlist
- E. ioscan

**Correct Answer:** BD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 2**

A customer needs application acceleration in their hyperscale computing environment, which includes big data analytics and high performance databases. Which memory types meets the customer's needs?

- A. LRDIMM 3DS
- B. NVDIMM
- C. LRDIMM
- D. RDIMM

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 3**

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

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 4

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:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference:

<http://h10032.www1.hp.com/ctg/Manual/c00814176.pdf>

#### QUESTION 5

A customer needs to meet data privacy compliance regulations. Which IP Proliant features should you discuss with the customer? (Select two.)

- A. Advanced Memory Protection
- B. Advanced Data Mirroring
- C. Secure Shell
- D. Secure Encryption
- E. Trusted Platform Module

**Correct Answer:** BD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 6**

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**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 7**

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**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 8**

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

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 9**

Which component of the iLO Management Engine monitors and records changes in server hardware?

- A. Embedded Remote Support
- B. Active Health System
- C. Agentless Management
- D. Intelligent Provisioning

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference:

[http://h20565.www2.hp.com/hpsc/doc/public/display?docId=emr\\_na-c03236853](http://h20565.www2.hp.com/hpsc/doc/public/display?docId=emr_na-c03236853)

#### **QUESTION 10**

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

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference:

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

**QUESTION 11**

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

- A. 1
- B. 4
- C. 2
- D. 0

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Reference:

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

**QUESTION 12**

You are designing an HP ProLiant BladeSystem with Virtual Connect FlexFabric and HP 3PAR StoreServ 3400c. The customer is concerned about the added complexity of including SAN switches and the additional SAN management overhead. Which HP technology should you recommend?

- A. HP B-Series SAN Network Advisor
- B. HP FlexFabric 20Gb 2-port 650 Adapter
- C. Virtual Connect Flat SAN
- D. HP FlexFabric 5930 Switch Series

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:****QUESTION 13**

A customer is implementing a new mission critical application. The customer needs to protect against RAM errors, minimize cost, and maximize the use of all installed memory DIMM's. Which feature of the HP ProLiant Gen 9 server should recommend to the customer?

- A. memory mirroring
- B. smart caching
- C. Advanced Data Mirroring (ADM)
- D. Rank sparring (online spare)

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 14**

You are designing an HP ProLiant BladeSystem and HP StoreVirtual storage solution for a customer, and you need to estimate the power requirements. Which IP tool should you use?

- A. Power Discovery Services
- B. Power Calculator Utility
- C. Insight Management Sizer
- D. HP Power Advisor

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 15**

What are benefits of the RESTful Interface Tool for enabling the new style of IT? (Select three.)

- A. reduced deployment complexity
- B. lower facilities costs
- C. simplified scripting
- D. reduced issue resolution time
- E. easy customization
- F. increased high availability

**Correct Answer:** ACE

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 16**

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**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 17**

A customer is concerned about the security of their data center. The existing 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**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 18**

You are describing Smart Array controllers for ProLiant Gen9 server to a customer. The customer asks about data recovery of a failed large capacity



disk drive. Which feature of the controllers should you describe to the customer?

- A. Secure Encryption
- B. SmartMemory
- C. Rapid Rebuild
- D. Advanced Data Mirroring

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 19**

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:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

<http://www8.hp.com/h20195/v2/GetPDF.aspx/4AA5-4774ENN.pdf>

#### **QUESTION 20**

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

**Section:** (none)

**Explanation****Explanation/Reference:**

Reference:

[http://www.hp.com/hpinfo/newsroom/press\\_kits/2014/ComputeEra/HP\\_Apollo8000System\\_DataSheet.pdf](http://www.hp.com/hpinfo/newsroom/press_kits/2014/ComputeEra/HP_Apollo8000System_DataSheet.pdf)

**QUESTION 21**

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

**Correct Answer:** B

**Section:** (none)

**Explanation****Explanation/Reference:****QUESTION 22**

What is a key benefit of an HP Converged Infrastructure solution?

- A. improves the performance of overlay networks
- B. unifies management tools, policies, and processes
- C. increases IOPs on storage devices
- D. encourages development of RESTful applications

**Correct Answer:** B

**Section:** (none)

**Explanation****Explanation/Reference:**

Reference:

<ftp://ftp.hp.com/pub/c-products/solutions/Converged-Infrastructure-Overview-White-Paper-4AA0-4829ENW.lowres.pdf>

**QUESTION 23**

You have designed a virtualized solution based on HP BladeSystems and VMware Hypervisor that includes one D2220sb storage device in each of eight c7000 enclosures. You need to present highly available shared storage over iSCSI to the application running on the BladeSystems. Which additional product must be implemented?

- A. HP Cluster Extension Software
- B. HP StoreEasy 3840 Gateway Storage Blade
- C. HP StoreVirtual VSA
- D. HP MSA 2040 Storage

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

#### QUESTION 24

The customer upgraded their network core using an HP Intelligent Resilient Framework (IRF) stack. The customer needs Windows 2008 Infrastructure, which is running on HP ProLiant DL380 Gen9 servers, to have network resilience. Which HP feature should you recommend to the customer?

- A. HP NIC Teaming
- B. HP FlexFabric
- C. HP LOM
- D. HP FlexNetwork

**Correct Answer: D**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

#### QUESTION 25

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

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 26**

A customer's data center consists of 120 HP ProLiant BL460c Gen9 blade servers, mounted in c7000 enclosures and they are adding 10 new servers a month to their environment. They are having difficulty keeping their environment current with new firmware updates. Which process should you recommend that will allow a single point of contact for deploying the updates to all servers in the environment?

- A. Create a MSI distribute package to deploy the latest SPP bundle via the UEFI Embedded shell
- B. Use Insight Control server provisioning (ICsp) to deploy the latest SPP bundle
- C. Create a Converged Infrastructure group in HP OneView to deploy the latest SPP bundle
- D. Mount the HP SUM DVD in each of the enclosure DVD drives and use the Onboard Administrator CLI to deploy the latest SPP bundle

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference:

<http://h10032.www1.hp.com/ctg/Manual/c03360603>

#### **QUESTION 27**

A customer has a Microsoft SQL environment that is recourse intensive. The SQL databases reside on SMB3.0 file shares on a separate pool of servers. The customer needs to improve IO performance and ensure that network latency is kept to a minimum while not affecting CPU use. Which technology should you recommend?

- A. Remote Dynamic Memory Access (RDMA) over Converged Ethernet (RoCE)
- B. FlexibleLOM sockets with 10Gb uplinks
- C. Virtual Extensible LAN (VXLAN) over layer 2 networks
- D. TCP Offload HBA over 10 Gb ISCSI

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:****QUESTION 28**

A customer is concerned about malware attacks to their legacy pre-boot BIOS environment. You need to ensure only trusted platform firmware and operating system boot loaders are used when the server starts up. When designing the server configuration build, which feature should you enable?

- A. Compatibility Support Module
- B. HP Secure Encryption
- C. UEFI Secure Boot
- D. HP Enterprise Secure Key Manager

**Correct Answer: D**

**Section: (none)**

**Explanation**

**Explanation/Reference:****QUESTION 29**

A customer needs parallel data processing scalability for their custom financial analysis application. Which solution best meets the customer's needs?

- A. a collection of tower servers
- B. high-performance technical cluster
- C. a rack of 1U servers
- D. a collection of blade servers

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:****QUESTION 30**

You have positioned a BladeSystem c7000 solution with Virtual Connect Flex-10/10D modules. The customer needs to understand how the Flex-10/10D modules will provide an FCoE path to their SAN. Which HP technology should you explain to the customer?

- A. RDMA over Converged Ethernet
- B. FIP snooping

- C. Intelligent Resilient Framework
- D. FlexibleLOMs

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 31**

A customer needs the health status of their HP ProLiant Gen8 BladeSystem servers to be reported to HP to allow automatic hardware warranty replacement. The customer does not plan to install additional software and does not have IT staff to support an additional solution. Which HP solution they implement?

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 32**

You are designing a VMware virtualization solution for a customer. When planning the VM oversubscription ratio, which attribute that can most affect the VM ware licensing requirement should you take into consideration?

- A. networking requirement per VM
- B. memory requirement per VM
- C. I/O per VM
- D. processor requirement per VM

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 33**

What is purpose of conducting a customer site survey?

- A. Identify the types of servers that will be included in the solution.
- B. Identify the customer's business goals for the solution.
- C. Determine the different workloads the customer is running.
- D. Assess the facility and its suitability for the proposed solution.

**Correct Answer: D**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 34**

A customer needs to manage the relationship between their physical and virtual infrastructure. Which HP feature should you recommend to integrate with customer's current vSphere Web Client managed environment?

- A. HP Insight Control
- B. HP Virtual Connect Enterprise Manager
- C. HP Virtual Machine Manager
- D. HP OneView for vCenter

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 35**

A customer needs to improve VM host efficiency and lower network latency in their HP ProLiant DL380 Gen9 servers. Which unique technology built-in to the HP FlexFabric 556 network adapter will meet the customer's requirement?

- A. 10 Gb Ethernet support
- B. TCP/IP Offload Engine (TOE)

- C. RDMA over Converged Ethernet (ROCE)
- D. IPv6 protocol support

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 36**

You are describing the HP Smart Array controllers for ProLiant Gen9 servers 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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 37**

A customer needs to encrypt local drives on their HP ProLiant Gen8 and Gen9 servers. The customer needs to manage the encryption centrally. Which HP products and features should you recommend to meet the customer's needs?

- A. HP Smart Array Px1x and Px2x family of controllers, the Trusted Platform Module, and iLO Advanced
- B. HP Smart Array Px3x and Px4x family of controllers, the HP Enterprise Secure Key Manager, and iLO Advanced
- C. HP Smart Array Px1x and Px2x family of controllers, the HP Enterprise Secure Key Manager, and iLO Select
- D. HP Smart Array Px3x and Px4x family of controllers, the Trusted Platform Module, and iLO Select

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**



Reference:

<http://www8.hp.com/h20195/v2/getpdf.aspx/c04318075.pdf?ver=2>

#### QUESTION 38

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

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

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

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

#### QUESTION 39

What differentiates ProLiant Gen9 power supplies from those in previous generations?

- A. They are 25 percent larger by volume.
- B. They are 25 percent smaller by volume.
- C. They use platinum and titanium to run 75 percent more efficiently.
- D. They can provide up to 84 percent more efficiency.

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Reference:

<http://h20195.www2.hp.com/V2/getpdf.aspx/4AA5-4487ENW.pdf>

#### QUESTION 40

A customer plans to install HP OneView as a primary management application for their BladeSystem infrastructure. The customer is concerned about the ability to centrally manage login credentials to the application. Which integration features of HP OneView should you explain to customer?

- A. Kerberos
- B. Active Directory

- C. Radius
- D. OpenLDAP
- E. TACACS+

**Correct Answer:** E

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 41**

Which industry standard hypervisors does HP OneView support? (Select two.)

- A. Integrity Virtual Machine
- B. Oracle Virtual Machine (OVM)
- C. Citrix XENServer
- D. Microsoft Hyper-V
- E. VMWare ESX

**Correct Answer:** DE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

[http://h20565.www2.hpe.com/hpsc/doc/public/display? sp4ts.oid=5410258&docId=emr\\_na-c04508723&lang=en-us&cc=us&docLocale=en\\_US](http://h20565.www2.hpe.com/hpsc/doc/public/display?sp4ts.oid=5410258&docId=emr_na-c04508723&lang=en-us&cc=us&docLocale=en_US)

#### **QUESTION 42**

A customer has been adding processors, systems with larger memory, I/O accelerators, and SmartCache. Which key HP design principle is this customer implementing?

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

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:****QUESTION 43**

A customer is installing a new read intensive database application on an HP ProLiant Gen9 server. The customer needs to increase performance for this application. Which configuration change should you recommend that the customer make?

- A. install SmartCache
- B. install large capacity disk drives
- C. install an SAS expander
- D. install a B140i controller

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:****QUESTION 44**

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**

**Section: (none)**

**Explanation**

**Explanation/Reference:****QUESTION 45**

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

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 46**

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

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference:

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

#### **QUESTION 47**

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.

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference:

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

**QUESTION 48**

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

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 49**

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

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 50**

An enterprise customer needs more computing power to handle their scale-up workloads that involve very large databases. The customer needs to upgrade their ProLiant DL360 G6 servers. Which ProLiant rack and tower servers should you recommend for this customer?

- A. ProLiant 10 series
- B. ProLiant 100 series
- C. ProLiant 300 series
- D. ProLiant 500 series

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 51**

You are performing a needs analysis for a customer who plans to transition from rack mount servers to blade servers. The customer has asked for an on-premise management strategy and needs to use Virtual Connect as the network interconnect to take advantage of network virtualization. The customer needs a RESTful API to be made available. Which product should you demonstrate to support and manage the proposed HP BladeSystem solution?

- A. HP OneView
- B. HP Systems Insight Manager
- C. HP Virtual Connect Manager
- D. HP Virtual Connect Enterprise Manager

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 52**

You are designing a solution that will consist of eight HP BladeSystem c7000 enclosures with Virtual Connect FlexFabric. The customer needs to ensure that all management is performed from a single user interface that will allow them to maintain and manage all uplink configurations centrally. How can you demonstrate management of uplinks on all enclosures from a single console?

- A. Deploy and use Virtual Connect Enterprise Manager.
- B. Deploy and use both HP OneView and Virtual Connect Enterprise Manager.
- C. Configure and use Virtual Connect Manager.
- D. Deploy and use HP OneView.

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 53**

An automotive manufacturing company needs an Apollo 8000 solution that is environmentally friendly. Which feature should you recommend to this customer?

- A. Thermal Logic technology to minimize power consumption and reduce cooling
- B. Active cool 200 fans that reduce power and maximize air movement
- C. Water cooled system that reduces CO2 emissions relative to an air cooled system
- D. 3D Sea of Sensors to provide visibility and control over energy consumption

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 54**

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

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 55**

One of your customer's remote transaction servers generates an SNMP health alert. Which HP management tool should you use to access more information about the alert?

- A. Insight Online
- B. Intelligent Provisioning
- C. Smart Update Manager
- D. Smart Storage Administrator

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 56**

You are using HP Power Advisor to assist in architecting an HP BladeSystem solution that contains HP Flexfabric interconnect modules. What information about the solution can the tool provide? (Select two.)

- A. SFP + module power requirements
- B. UPS sizing based on defined run times
- C. power report for system
- D. a cost-of-ownership calculation
- E. mismatch between interconnect modules and network adapter

**Correct Answer:** BD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 57**

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



**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 58**

A customer has a single array group with three SAS disk drivers 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**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 59**

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**

**Section: (none)**

**Explanation**

**Explanation/Reference:**