

HP0-S34 HP ExpertONE Certification Exam

Number: EnsurePass
Passing Score: 800
Time Limit: 120 min
File Version: 13.01



Vendor: HP
Exam Code: HP0-S34
Exam Name: Implementing HP BladeSystem Solutions Exam
Version: 13.01

Contact us:

If you have any suggestions or any questions about our product, please feel free to contact us: support@ensurepass.com

About Products:

Free update is available within 180 days after your purchase.

Please login your user center and download the latest product anytime.

PS: Ensure you can pass the exam, please check the latest product in 2-3 days before the exam again.

Copyright ©2006-2013 EnsurePass.com, All right reserved.

Exam A

QUESTION 1

HP Proliant DL380 Gen8 servers provide a Flexible LOM option. Which technologies are supported?

- A. 10 Gb Flex-Fabric
- B. 1 Gb Ethernet
- C. 10 Gb Flex 10
- D. Dual Channel Gen3 SAS
- E. Infiniband
- F. 10 Gb Ethernet
- G. 16 Gb Fibre Channel

Correct Answer: ABEF

Section: (none)

Explanation

Explanation/Reference:

QUESTION 2

Referring to the exhibit shown, which data protection and recovery technology protects a customer?

	Level	Protection	Recovery time
Disk-based	1	RAID mirroring	4
	2	Snapshots Clones	3
		Remote replication Two-stage backup	
Tape-based	4	Tape backup and restore Off-site storage	1

- A. Level 1
- B. Level 2
- C. Level 3
- D. Level 4

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 3

Which Gen8 server model provides support for one power supply only?

- A. DL380
- B. DL360
- C. ML350
- D. DL160

Correct Answer: D

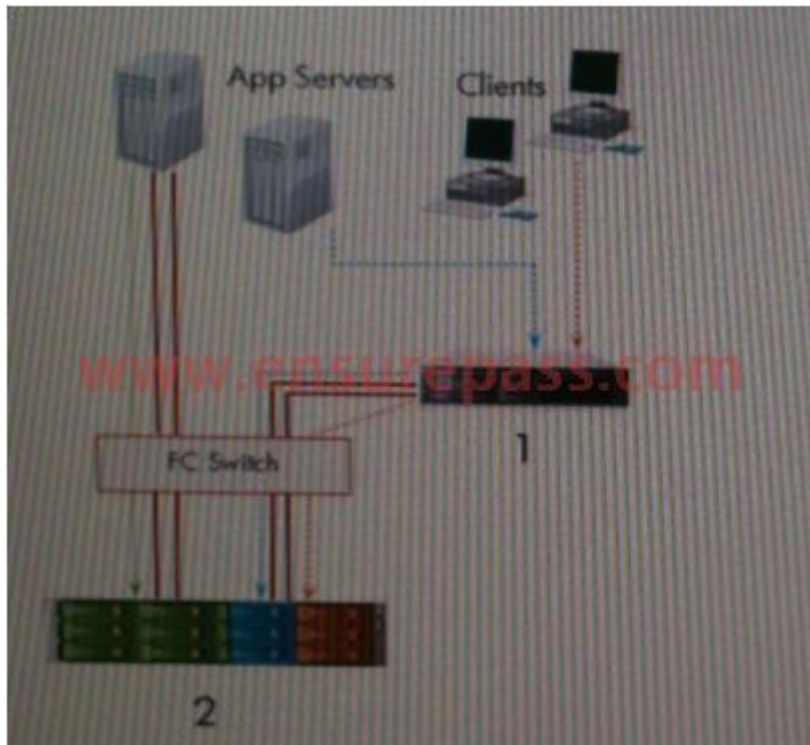
Section: (none)

Explanation

Explanation/Reference:

QUESTION 4

Which storage interconnect technology does Component 2 provide in the environment show in the exhibit?



- A. Infiniband

- B. NAS
- C. DAS
- D. SAN

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 5

The HP SL230 server is designed for which market segments? (Choose two)

- A. NPIV-based virtualization
- B. Scale-out
- C. Scale-up
- D. High performance computing
- E. Entry level computing

Correct Answer: BD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 6

DRAG DROP

Match each server family to the type of environment it has been designed to fit Drop and Connect:

Purpose built for the most extreme data center	ML	<div>Connectors</div> <div>ML</div> <div>BL</div> <div>SL</div> <div>DL</div>
Infrastructure in a box proven to save time, power, and money in both large and small data centers	DL	
Expandable tower servers, ideal for remote and branch offices	SL	
versatile rack optimized servers with a balance of efficiency, performance and management	BL	

- A.
- B.
- C.
- D.

Correct Answer:

Section: (none)

Explanation

Explanation/Reference:

Purpose built for the most extreme data center	Expandable tower servers, ideal for remote and branch offices	Connectors
		ML
		BL
Infrastructure in a box proven to save time, power, and money in both large and small data centers	versatile rack optimized servers with a balance of efficiency, performance and management	SL
		DL
Expandable tower servers, ideal for remote and branch offices	Purpose built for the most extreme data center	
versatile rack optimized servers with a balance of efficiency, performance and management	Infrastructure in a box proven to save time, power, and money in both large and small data centers	

QUESTION 7

While installing new load reduced DIMM (LR-DIMM) memory modules into a server, an administrator... What should you recommend?

- A. Populate LR-DIMM and RDIMM memory modules in different memory channels
- B. Populate LR-DIMM and RDIMM memory modules in different memory controllers
- C. LR-DIMM and RDIMM memory modules cannot be mixed in the same server. Replace either memory...
- D. Populate LR-DIMM before RDIMM memory modules within the same channel

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 8

Which statement is correct about iLO technology used in Gen8?

- A. A new video adaptater is used
- B. CPU speed and type has changed
- C. Gigabit network is used
- D. The USB version has changed

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 9

Where in the HP service Stack shown is HP Insight Online integrated? (Choose two)



- A. HP Proliant Gen 8
- B. HP Insight Remote Support
- C. Customer HP Support Center Portal
- D. HP Global Solution Center
- E. Partner HP Support Center portal
- F. HP System Insight Manager

Correct Answer: CE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 10

A customer needs to connect de DL380 Gen8 with a D2600 disk enclosure. Which controller should be used?

- A. P212
- B. P711m
- C. P410/410i
- D. P800

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 11

Which Source media types are supported in Intelligent Provisioning? (Choose four)

- A. FTP
- B. Network share
- C. USB
- D. USB 3.0
- E. Disc

Correct Answer: ABCE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 12

A customer wants to build an HPC cluster and needs the highest performance and bandwidth.What should he use?

- A. Flex 10
- B. 10 GB Ethernet
- C. Flex Fabric
- D. FDR InfiniBand

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 13

A customer recently noticed that a cluster on 1 GbE is very slow when large amount of data are transmitted. What should you recommend?

- A. More NICs and the use of teaming technology
- B. Changing copper to FO
- C. 10 Gb Ethernet
- D. InfiniBand QDR

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 14

What is the minimum number of drives required when building a RAID 60?

- A. 4
- B. 6
- C. 8
- D. 12

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 15

An admin installed new DDR3 memory in a server and discovered that the server contained quad rank, 2 rank and 1 rank. What should you recommend?

- A. Replace all memory modules so that they are the same load

- B. Populate the memory modules from the heaviest to the lightest load within a channel
- C. Populate similar load memory module within the same memory controller
- D. Populate similar load memory module within the same memory channel

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 16

Which functionalities are provided when Insight Remote Support Advanced is used as a standalone version? (Choose Two)

- A. Viewing service credit balances
- B. Sharing device displays with HP Authorized Partners
- C. 24 x 7 remote monitoring of hardware service events
- D. Automated device discovery in HP Support Center
- E. Monitoring and managing HP contracts and warranties

Correct Answer: CE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 17

You are implementing a smart datacenter with Gen8 servers. Which option is right for highly monitored and s.....?

- A. SL6500 + iPDU
- B. SL6500 + monitored PDU
- C. DL380 Gen8 + iPDU Core
- D. DL380 Gen8 + iPDU Core + extension bar

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 18

Which operating system installation methods are available in intelligent provisioning? (Choose three.)

- A. Assisted
- B. Manual
- C. Customized
- D. Recommended
- E. Interactive

Correct Answer: BCD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 19

A customer wants to build a high performance environment with 3 GPU. What should you recommend?

- A. SL230 Gen8
- B. DL380 Gen8
- C. ML350 Gen8
- D. SL250 Gen8

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 20

DRAG DROP

Match the storage disk drive technology to the correct description

Drop and Connect:

Highest performance disk drive in which storage capability is provide	SATA	<div>Connectors</div> <div>FATA</div> <div>SAS</div> <div>SSD</div> <div>SATA</div>
A disk drive technology that uses Arbitrated Loop	SSD	
A new generation serial communication protocol for storage devices designed to allow for much higher speed	SAS	
A version of the ATA disk interface that uses a serial connection architecture	? FATA ?	

- A.
- B.
- C.
- D.

Correct Answer:

Section: (none)

Explanation

Explanation/Reference:

Highest performance disk drive in which storage capability is provide	A version of the ATA disk interface that uses a serial connection architecture	<div>Connectors</div> <div>FATA</div> <div>SAS</div> <div>SSD</div> <div>SATA</div>
A disk drive technology that uses Arbitrated Loop	A new generation serial communication protocol for storage devices designed to allow for much higher speed	
A new generation serial communication protocol for storage devices designed to allow for much higher speed	Highest performance disk drive in which storage capability is provide	
A version of the ATA disk interface that uses a serial connection architecture	A disk drive technology that uses Arbitrated Loop	

QUESTION 21

A customer needs the maximum number of internal disks in an HP Proliant Gen8 server. Which server chooses?

- A. DL 360 Gen8
- B. DL 380 Gen8
- C. DL 180 Gen8
- D. ML 350 Gen8

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 22

An HP Proliant gen8 server has 3 HD drive in a RAID 5 array. One of the HD Failed and the admin change the HD. What is the LED status of HDs?

- A. All HD will have DO NOT REMOVE LED lit and the faulty drive will show an amber light at the ...
- B. Only the faulty HD will have the DO NOT REMOVE LED lit
- C. All HD will have the DO NOT REMOVE LED lit
- D. The faulty HD will show an amber light at the cylinder icon and the remaining drives will have the DO NOTREMOVE LED lit

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 23

Referring to the screenshot shown, which HP System insight Manager option do you use to display power and thermal data of a Proliant Gen8 server?



- A. Reports
- B. Tools
- C. Optimize
- D. Diagnose

Correct Answer: A

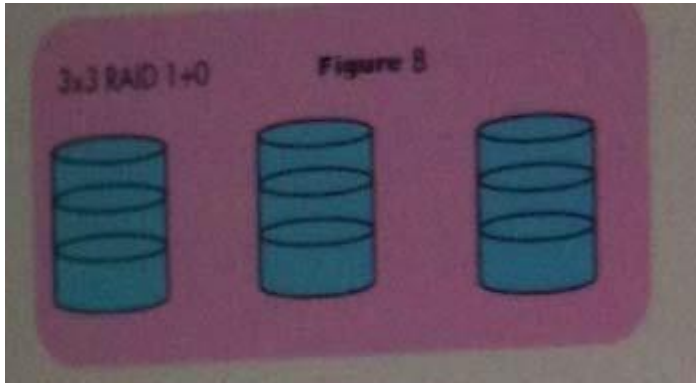
Section: (none)

Explanation

Explanation/Reference:

QUESTION 24

In the exhibit shown, Figure B represents which RAID level?



- A. RAID 10
- B. Advanced Data Guard (ADG)
- C. RAID 1
- D. Advanced Data Mirroring (ADM)

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 25

What can you use to collect Active Health System log data for maintenance (3)? (Choose three)

- A. RBSU
- B. Intelligent Provisioning
- C. Active Health System viewer
- D. Integrated Lights Out
- E. Active Health System log Analyzer
- F. Integrated Management Log

Correct Answer: BDF

Section: (none)

Explanation

Explanation/Reference:

QUESTION 26

A customer has 30 HD drives in a RAID 60 with five parity groups. How many drives can simultaneously fail in the array?

- A. 2
- B. 6
- C. 10
- D. 12

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 27

A customer has two logical drives (logical drive 1 and logical drive 2) configured on a smart array controller. The customer wants optimize logical drive 2 for database information. Which option should you propose?

- A. Configure the surface scan delay to 3
- B. Configure the monitor and performance delay to 1
- C. Disable array accelerator for 1 to reserve the total use of the array accelerator cache for 2
- D. Increase the rebuilt priority to high for 1 and to low for 2

Correct Answer: C

Section: (none)

Explanation

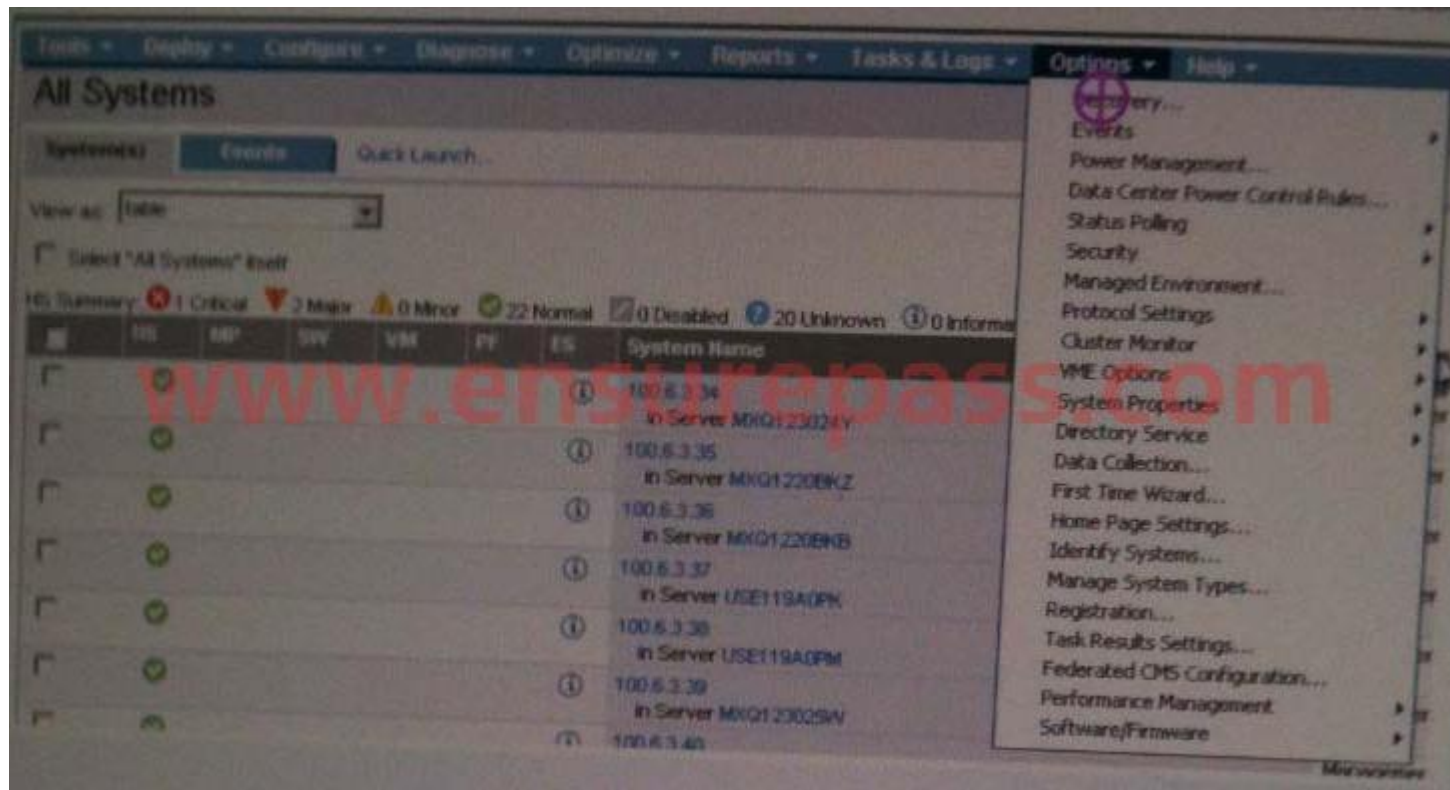
Explanation/Reference:

QUESTION 28

HOTSPOT

Indicate what you select to add a new system in HP System insight Manager by dragging and dropping the marker to the correct location on the screenshot.

Select and Place:



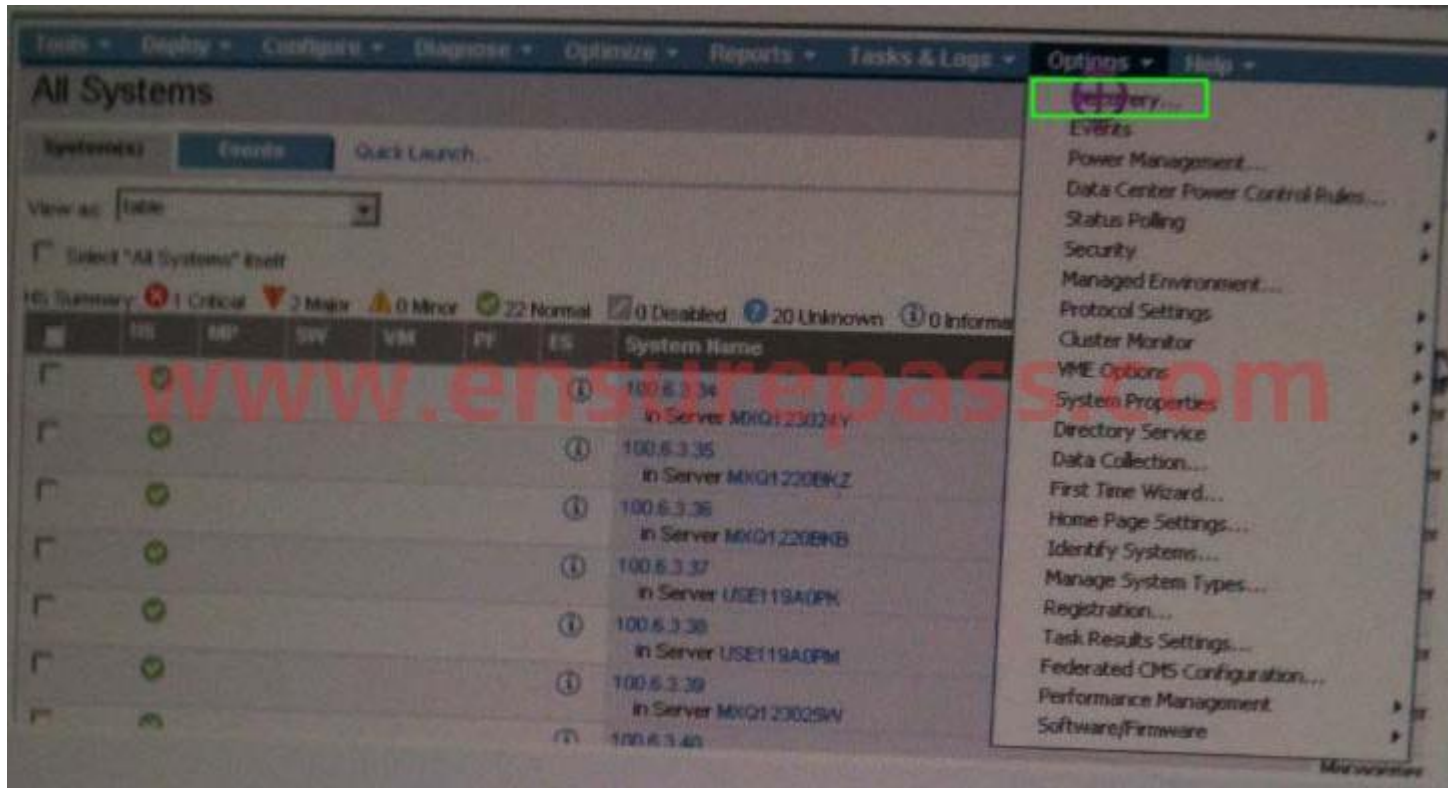
- A.
- B.
- C.
- D.

Correct Answer:

Section: (none)

Explanation

Explanation/Reference:



QUESTION 29

Which tool can an administrator use to force the OS to generate a crash dump log

- A. HP System management home Page
- B. HP iLO virtual NMI
- C. HP Windows Crash Dump Analyser
- D. HP Integrated Management Log

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 30

An admin wants to download the Active Health System log for escalation to HP. What is the maximum size of the log file?

- A. 512 Mb
- B. 1 GB
- C. 2 GB
- D. 4 GB

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 31

When adding an agentless server in the Device management console (DMC), which information must be specified? (Choose two.)

- A. IP Address or DNS FQN of the iLO
- B. IP Address or DNS FQN of the server
- C. WBEM login credentials
- D. Onboard Administrator login credentials
- E. SNMP community string

Correct Answer: AE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 32

What do Virtual Machine Environment (VME) credentials refer to?

- A. A set of protocol dependent credentials used to manage various protocols in the virtual management environment
- B. A credential to synchronize HP SIM login credentials with discovered virtual machine credentials
- C. A credential common to Microsoft Hyper-V and VMware vCenter to register both services on the Central Management Server
- D. A protocol independent credential used to manage various virtual management environment

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 33

Using the latest HP Proliant Support Software and Gen8 servers, which component is no longer used for software and firmware baselines?

- A. HP Proliant Firmware maintenance CD
- B. HP Version Control Agent
- C. HP Proliant Service Pack
- D. HP Version Control Repository Manager

Correct Answer: C

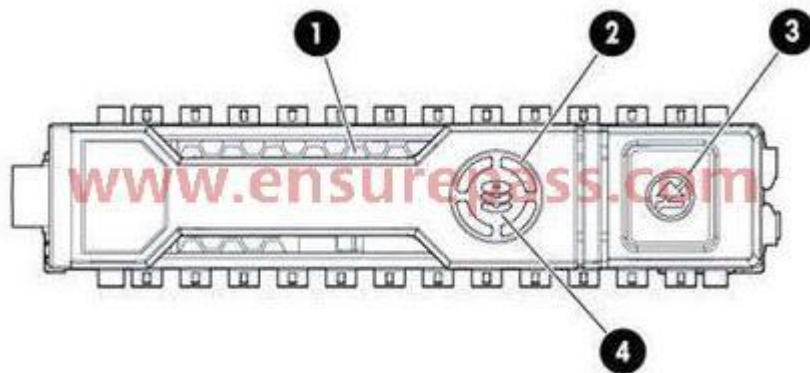
Section: (none)

Explanation

Explanation/Reference:

QUESTION 34

Referring to the exhibit shown, which LED on a HP Proliant Gen8 server indicates hard drive activity?



- A. 1
- B. 2
- C. 3

D. 4

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 35

Which components can HP Insight Performance Management monitor? (Choose three.)

- A. Virtual machine guest components
- B. Fans
- C. Processor
- D. Local and external storage
- E. Temperature

Correct Answer: BCD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 36

Which feature provides a customer alert to prevent a counter fail hard drive from getting arrested in a HP Proliant?

- A. Drive Error Log NVRAM
- B. Smart Array Advanced pack
- C. Enhanced Display
- D. Smart Carrier Authentication

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 37

What is the preferred way to update component firmware in HP Proliant Gen8?

- A. SMH VCA offline update
- B. HP SIM VCA offline update
- C. HP SUM agent less update
- D. HP SIM VCA online update

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 38

Which statements are correct about the Agentless management feature in HP Proliant Gen8 server? (Choose three.)

- A. It is embedded
- B. It collects hardware information
- C. It is OS independent
- D. It must be activated in the RBSU
- E. It is OS dependent
- F. It collects OS level information

Correct Answer: ABC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 39

What provides agentless server management?

- A. SMH base update engine
- B. RBSU firmware
- C. HP SIM 7.0 agentless agent
- D. iLO management engine

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 40

On a HP smart Array P420i, which feature activates or rebuilds an online spare if there is a prefailure alert?

- A. Predictive spare activation
- B. Offline spare activation
- C. Advanced data guard
- D. Online spare activation

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 41

Which source describes the standardized troubleshooting procedures for HP Proliant servers?

- A. HP Website Troubleshooting procedures
- B. HP Proliant Servers Troubleshooting guide
- C. HP Proliant Users guide
- D. HP Product bulletin

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 42

What must be enabled to monitor Fibre Channel and iSCSI storage on a HP Proliant Gen8 server?

- A. Intelligent Provisioning

- B. Agentless Management
- C. SNMP Agents
- D. Agentless Manage Service

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 43

After configuring the bare metal HP Agentless Management, the customer notices that not all system information is display. In addition, to system information displayed with the bare metal method, which information can be collected when running HP Agentless Management? (Choose Two)

- A. Storage firmware
- B. Network firmware
- C. Power an cooling information
- D. Processor data
- E. Memory information

Correct Answer: CE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 44

Which tool can be used to check for hardware bottlenecks?

- A. Insight remote support Advanced
- B. Insight Control Virtual machine Management
- C. Insight Control Remote Standard
- D. Insight Control Performance Management

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 45

You are installing HP Insight Control for Microsoft system Center on a customer site. Which component should you install to allow....

- A. HP Server Updates Catalog
- B. HP Proliant Server Management pack
- C. HP Proliant Agentless Management pack
- D. HP Hardware Inventory Toolkit

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 46

You are installing HP insight Control for Microsoft system Center on a customer site. You want to be able to use System Center Configuration Manager to install HP ProLiant drivers and firmware's using a rule based model. Which component should be installed?

- A. HP Proliant Pro Management Kit
- B. HP Proliant Update Catalog
- C. HP Proliant OS deployment Toolkit
- D. HP Proliant Agent less Management Kit

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 47

HP Proliant Gen8 servers monitored by insight Remote Support 7.0 can be configured to display on Insight Online What is required....

- A. HP Mission critical Services must be purchased
- B. Enter HP User ID and Password in Insight Remote Support
- C. HP support Plus 24 Services must be purchased

D. Firewall bypass agents must be installed

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 48

An admin has a new HP Proliant Gen8 server and is eager to try out agentless management. Where is this feature activated?

- A. System Management Homepage
- B. iLO
- C. System Insight Manager
- D. insight Online

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 49

Which Smart Array Advanced Pack 2.0 features are embedded in the firmware of the HP Smart Array P421 Controller? (Choose Three)

- A. Hot Spare
- B. RAID 6 (ADG)
- C. RAID level of stripe size migration
- D. Performance optimization for video on demand
- E. RAID 6
- F. Mirror Splitting and Recombining in Offline Mode

Correct Answer: BDF

Section: (none)

Explanation

Explanation/Reference:

QUESTION 50

HP Proliant Gen8 servers monitored by remote support 7.0 can be configured to be displayed on Insight Online. What is required to activate this feature?

- A. HP support plus 24 services must be purchased
- B. Firewall bypass agents must be installed
- C. HP mission critical services must be purchased
- D. Enter the HP user ID and password in Insight Remoter Support

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 51

In HP Systems Insight Manager version 7 and beyond, which new tools can be used for baselining? (Select two)

- A. Track software and firmware versions
- B. Manage software and firmware baselines
- C. Manage hardware and software versions
- D. Track hardware and software baselines
- E. Track driver and firmware baselines

Correct Answer: AB

Section: (none)

Explanation

Explanation/Reference:

QUESTION 52

When viewing the iLO 4 subsystems and devices tab, no system health information shows up for an HP Proliant Gen8 server. What could be the cause?

- A. The Agentless management service is disabled
- B. The SNMP pass-thru radio button is selected
- C. The active health system log is disable
- D. Agentless management is disabled in the bios

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 53

When adding an agentless server in the HP device management console (DMC), which information must be specified? (Select two)

- A. IP address or DNS fully-qualified name of the server
- B. WBEM login credentials
- C. IP address or DNS fully-qualified name of the iLO
- D. SNMP community string
- E. Onboard administrator login credentials

Correct Answer: CD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 54

Which new feature in HP proliant Gen8 servers collects periodic performance data from the smart array controller?

- A. Intelligent provisioning
- B. Active health system
- C. Option ROM configuration
- D. Array diagnostics utility

Correct Answer: B

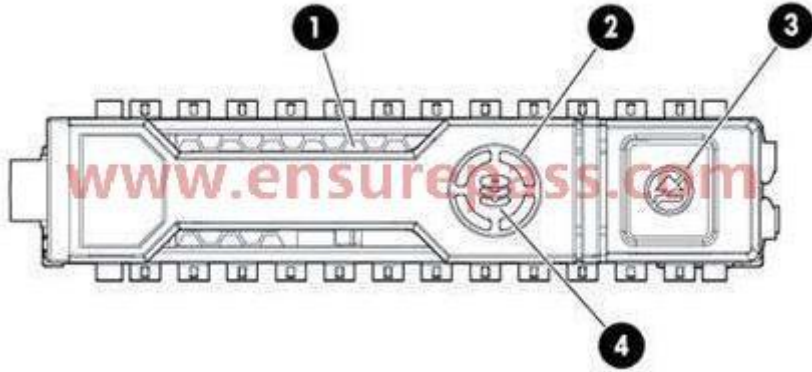
Section: (none)

Explanation

Explanation/Reference:

QUESTION 55

Referring to the exhibit shown, which LED on HP Proliant Gen8 hard disks identifies fault or failed?



- A. 1
- B. 2
- C. 3
- D. 4

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 56

When viewing the active health system log in an HP Proliant Gen8 server, what provides information on driver versions?

- A. Agent Management Service
- B. RBSU
- C. Agentless Management
- D. SNMP

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 57

Witch feature provides a customer alert to prevent a counterfeit hard drive from getting installed in an HP Proliant Gen8 server?

- A. Drive error log NVRAM
- B. Smart carrier authentication
- C. Enhanced display
- D. Smart array advanced pack

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 58

An engineer needs to replace a memory DIMM in an HP Proliant server. Which precautions must be taken? (Select two)

- A. Ensure that the relative humidity level is below 30%
- B. Use an ESD wrist strap
- C. Touch the chassis ground, holding the DIMM to ensure it is grounded
- D. Remove the server from the data center and bring it into the office environment for the replacement
- E. Use an ESD mat

Correct Answer: BC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 59

A customer has two logical drives (logical drive 1 and logical drive 2) configured on a smart array controller. The customer wants optimize logical drive 2 for database information. Which option should you propose?

- A. Configure the monitor and performance delay to 1
- B. Increase the rebuild priority to high for logical drive 1 and low for logical drive 2
- C. Disable the array accelerator for logical drive 1 to reserve the total use of the array accelerator cache for logical drive 2
- D. Configure the surface scan delay to 3

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 60

A customer purchased many HP DL380 Gen8 servers. The customer wants to monitor the power load per server and control the load balance at the data center level. Which product should the customer select?

- A. iPDU core
- B. IPDU and Extension Bar
- C. Monitored PDU and Extension Bar
- D. Monitored PDU

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 61

An administrator installed a new DDR3 memory in a server and discovered that the server contained quad rank, dual-rank and single rank memory modules. What should you recommend?

- A. Replace all memory modules so that they are the same load.
- B. Populate similar-load memory modules within the same memory channel.
- C. Populate the memory modules from the heaviest load to the lightest load within a channel.
- D. Populate similar-load memory modules within the same memory controller.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 62

A customer wants to use a Graphic Processing Unit (GPU) in a server and needs 12 internal hotplug drives to meet application performance requirements. Which HP server model should you recommend?

- A. DL360 G7
- B. SL390 G7
- C. DL380 Gen8
- D. SL230 Gen8

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 63

Which HP DL160 Gen8 server component is redundant?

- A. Fans
- B. Power supplies
- C. Processors
- D. I/O slots

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 64

A customer wants to enable HP Integrated-Lights-Out (iLO) security on a DL380p Gen8 server. Which HP resource should you use to verify the corresponding system maintenance switch?

- A. HP Insight-Lights-Out Security Bulletin
- B. HP Proliant Management User Guide
- C. HP Proliant DL380p Gen8 User Guide
- D. HP Proliant DL380p Gen8 QuickSpecs

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 65

Which functionalities are provided when HP Insight online is used as a standalone version without Remote Support? (2)

- A. Viewing service credit balances
- B. Monitoring and managing HP contracts and warranties
- C. Automated device discovery in HP Support Center
- D. Tracking assets and viewing device configurations

Correct Answer: AB

Section: (none)

Explanation

Explanation/Reference:

QUESTION 66

You connect a DL380 Gen8 server with redundant power supplies to its power source. How many different power circuits do you need?

- A. 1
- B. 2
- C. 3
- D. 4

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 67

Which Source Media Types are supported in Intelligent Provisioning? (Select four)

- A. Disc

- B. USB 3.0
- C. Network share
- D. FTP
- E. USB

Correct Answer: ACDE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 68

A customer asks if HP Service Guard for Linux is certified for an HP Proliant based cluster solution. Which resource can you use to find this information?

- A. Sales builder for Windows
- B. HP PQRT
- C. HP SPOCK
- D. Support and Certification Matrices

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 69

What is the maximum number of enclosures that can be cascaded when cascading D2600 enclosures connected to an HP Smart Array Controller?

- A. 2
- B. 3
- C. 4
- D. 5

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 70

What is the maximum number of D2700 enclosures that can be cascaded in a dual domain configuration? (2)

- A. Two enclosures can be cascaded when using a P411 controller.
- B. Four enclosures can be cascaded when using a P411 controller.
- C. Four enclosures can be cascaded when using a P812 controller.
- D. Six enclosures can be cascaded when using a P812 controller.
- E. Eight enclosures can be cascaded when using a P812 controller.

Correct Answer: BC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 71

An administrator wants to use spare memory from an HP Proliant G7 to populate an HP Proliant Gen8 server. What should you recommend?

- A. Populate Gen8 memory modules before populating G7 memory modules within the same channel
- B. Populate G7 and Gen8 memory modules in different memory controllers
- C. Advise the customer that HP Memory from previous generation servers is not fully compatible with Gen8 servers
- D. Advise the customer that the G7 memory will offer the same performance as HP Smart Memory

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 72

Which HP storage options can be integrated in a server solution when 6 Gb SAS direct-attached storage is needed? (Choose two.)

- A. D2700
- B. P6500
- C. P4300
- D. P2000

E. D2200sb

Correct Answer: AE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 73

A customer wants to monitor the power load per server and control power balance on the data center level for HP Proliant Gen8 servers. Which component should you recommend?

- A. iPDU + Extension bars
- B. Unmetered PDU
- C. Monitored PDU
- D. iPDU core Only

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 74

What is the hardware differences between Integrated-Lights-Out Management (iLO) used in Gen8 servers compared to previous iLO generations? (Choose two.)

- A. Network speed
- B. Video specification
- C. USB specification
- D. Memory capacity
- E. Processor specification

Correct Answer: AB

Section: (none)

Explanation

Explanation/Reference:

QUESTION 75

You are planning to install an HP DL380 Gen8 server at a customer site. The customer wants to use the HP Agentless management functionality. Which statement is correct when implementing this management solution?

- A. Pre-failure alerts can be configured for memory and drives
- B. Redundancy status alerts can be configured for the CPU and the Smart Array controller
- C. Redundancy status alerts can be configured for fans and the Smart Array controller
- D. Pre-failure alerts can be configured for the CPU and the Smart Array controller

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 76

What are Gen8 ROM function features? (Choose two.)

- A. Active Health System Log Support
- B. HP Insight Diagnostics online
- C. Advanced Data Mining
- D. HP Option ROM Configuration for Arrays
- E. HP Advanced Error Detection Technology

Correct Answer: AE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 77

A customer needs a 6 Gb/s SAS controller for a server and does not want to lose data when the battery is down. The customer also wants the adapter to support more than 96 disk. Which controller should you recommend?

- A. P212 controller
- B. P410 with FBWC

- C. P410 with BBWC
- D. P421 with FBWC

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 78

An administrator installed new DDR3 memory in a server and discovered that the new memory has a voltage of 1.35 V, which is lower than the 1.5 V of the existing DDR3 server memory. Which statement is correct about mixing memory with different voltages?

- A. It can be mixed in the same server
- B. It can be mixed in the same server if populated in different memory controllers
- C. It can be mixed in the same server if the different voltages are in a different memory channel
- D. It cannot be mixed in the same server, so the new memory needs to be replaced with 1.5 V

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 79

Which redundancy status and alerts does the agentless sub-system of an HP ProLiant Gen8 server cover? (Choose two.)

- A. CPU
- B. Fans
- C. Memory
- D. Temperature
- E. Smart Array

Correct Answer: BC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 80

HP ProLiant DL380 Gen8 servers a Flexible LOM option. Which technologies are supported? (Choose four.)

- A. Dual Channel Gen3 SAS
- B. 10 GB Flex-Fabric
- C. 1 GB Ethernet
- D. 10 GB Flex-10
- E. 10 GB Ethernet
- F. 16 Gb Fibre-Channel
- G. InfiniBand

Correct Answer: BCEG

Section: (none)

Explanation

Explanation/Reference:

QUESTION 81

A customer needs to connect a DL380 Gen8 with a D2600 disk enclosure. Which controller should be used to get 6 GB/s speed without having to be concerned about the battery?

- A. P212
- B. P711m
- C. P410/P410i
- D. P800

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 82

Referring to the exhibit shown, which technology provides the shortest recovery time frame, but not the highest data protection level?

- A. Option 1

- B. Option 2
- C. Option 3
- D. Option 4

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 83

A customer with more than 5000 users wants to build a website. The customer's plan includes HTTP, database, email, and domain servers. What is the best practice recommendation that provides the best price using the least space?

- A. DL 160 Gen8
- B. ML 350 Gen8
- C. DL 360 Gen8
- D. DL 380 Gen8

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 84

How does the HP Active Health System (AHS) differ from previous Integrated-Light-Out Management or CDbased diagnostic tools?

- A. Allows easy access to operation system error logs
- B. Offers remote access capability to logs
- C. Always on and running the background
- D. Reports on specific subsystems

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 85

A customer wants to build a high performance environment with three Graphic Processing Unit (GPU) cards and minimize power consumed. What should you recommend?

- A. DL 380 Gen8
- B. SL 230 Gen8
- C. ML 350 Gen8
- D. SL 250 Gen8

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 86

Which HP Tool can you use to power size HP's newest servers, including ML, SL, DL and BL?

- A. Power Calculator
- B. Blade Sizer
- C. Power Advisor
- D. Rack an Power Advisor

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 87

An administrator installed new DDR3 memory in a server and discovered that the new memory has a frequency of 1333 MHz, which is higher than the 1066 MHz of existing DDR3 memory in the server. Which statement is correct?

- A. Memory with different frequencies may be mixed in the same server
- B. Memory with different frequencies may be mixed in the same server if they are populated in different memory controllers
- C. Memory with different frequencies cannot be mixed in the same, so the memory must be replaced to 1066MHz

D. Memory with different frequencies may be mixed in the same server if they are in different memory channels

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 88

When booting an HP ProLiant Gen8 Server, which function key is pressed to launch the Array Configuration Utility?

- A. F2
- B. F5
- C. F8
- D. F11

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 89

Which pre-failure alert does the agentless sub-system of an HP ProLiant Gen8 server cover? (Choose two.)

- A. Memory
- B. Fans
- C. CPU
- D. Smart Array
- E. Drives

Correct Answer: AE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 90

A customer recently noticed that a cluster built on a 1 GbE is very slow when large amounts of data are transferred. The customer wants to be able to get the widest bandwidth with the lowest latency. What should you recommend?

- A. 10 Gb Ethernet
- B. more NICs and the use of teaming technologies
- C. changing copper to fiber optic
- D. InfiniBand QDR

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 91

An administrator has a new HP ProLiant Gen8 server and wants to register for Insight Remote Support. Which tools can be used to do this? (Choose two.)

- A. Intelligent Provisioning
- B. Insight Control
- C. Systems Management Homepage
- D. Insight Online
- E. integrated Lights Out
- F. Systems Insight Manager

Correct Answer: AE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 92

When adding an agentless server in the Device Management Console (DMS), which information must be specified? (Choose two.)

- A. IP address or DNS fully-qualified name of the server
- B. WBEM login credentials
- C. SNMP community string

- D. IP address or DNS fully-qualified name of the iLO
- E. Onboard Administrator login credentials

Correct Answer: CD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 93

When using HP SIM 7.0, which information can be collected from an HP ProLiant Gen8 server without running the HP Agentless Management Service? (Choose three.)

- A. memory
- B. storage
- C. processor
- D. network
- E. cooling
- F. drivers

Correct Answer: ABC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 94

Agentless management provides pre-failure alerts for which subsystems in an HP ProLiant Gen8 server? (Choose three.)

- A. logical drives
- B. Smart Array
- C. memory
- D. physical drives
- E. CPU
- F. temperature

Correct Answer: ACD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 95

Using HP Insight Remote Support Standard 5.70, which tool can be used to identify the HP Case ID when a ticket was opened in the support workflow system?

- A. HP System Insight Manager
- B. HP Insight Remote Support Software Manager
- C. HP Insight Remote Support GUI
- D. HP System Event Analyzer

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 96

Which Smart Array Advanced Pack 2.0 (SAAP2) features are embedded in the firmware of the Smart Array P421 controllers? (Choose three.)

- A. RAID 6 (ADG)
- B. hot spare
- C. RAID level or stripe size migration
- D. mirror splitting and recombining in offline mode
- E. RAID 5
- F. performance optimization for video on demand

Correct Answer: ADF

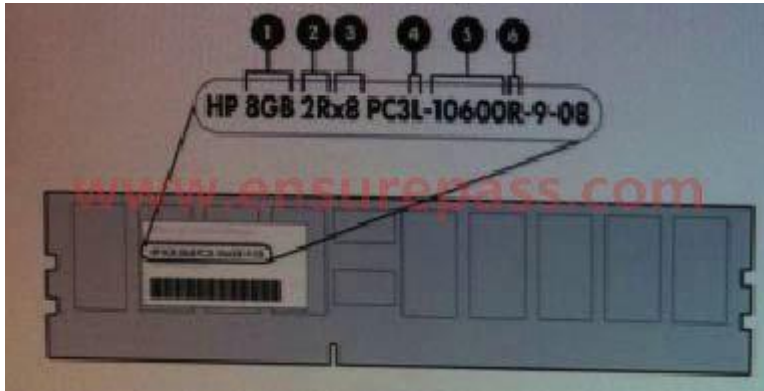
Section: (none)

Explanation

Explanation/Reference:

QUESTION 97

In the exhibit shown, which number identifies the memory speed of a DIMM?



- A. 1
- B. 2
- C. 3
- D. 4
- E. 5
- F. 6

Correct Answer: E

Section: (none)

Explanation

Explanation/Reference:

QUESTION 98

What provides agentless server management?

- A. RBSU firmware
- B. HP SIM 7.0 agentless agent
- C. SMH base update engine
- D. iLO management engine

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 99

When viewing the Active Health System log in an HP ProLiant Gen8 server, what provides information on driver versions?

- A. Agentless Management
- B. RBSU
- C. Agent Management Service
- D. SNMP

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 100

What is the preferred way to update component firmware in HP ProLiant Gen8 servers?

- A. HP SIM VCA online update
- B. SMH VCA offline update
- C. HP SIM VCA offline update
- D. HP SUM agentless update

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 101

Which statement is correct concerning agentless management in HP System Insight Manager version 7.0 end higher?

- A. G7 and Gen8 systems non longer need agents installed
- B. All managed systems no longer need agents installed
- C. Only Gen8 systems no longer need agents installed
- D. Gen8 systems must use WBEM providers for management

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 102

Which source describes the standardized troubleshooting procedures for HP ProLiant servers?

- A. HP ProLiant Users guide
- B. HP Website Troubleshooting Procedures
- C. HP Product Bulletin
- D. HP ProLiant Servers Troubleshooting guide

Correct Answer: D

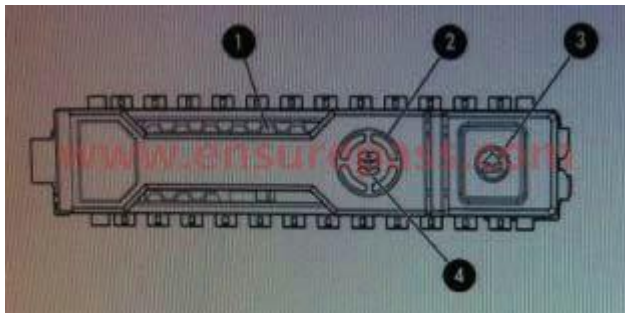
Section: (none)

Explanation

Explanation/Reference:

QUESTION 103

Referring to the exhibit shown, which LED on HP ProLiant Gen8 had disks identifies fault or failed?



- A. 1
- B. 2
- C. 3
- D. 4

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 104

An administrator wants to download the Active Health System Log for escalation to HP. What is the maximum size of the log file?

- A. 512 MB
- B. 1 GB
- C. 2 GB
- D. 4 GB

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 105

Which feature provides a customer alert to prevent a counterfeit hard drive from getting installed in an HP ProLiant Gen8 server?

- A. Smart Array Advanced pack
- B. Smart Carrier Authentication
- C. Enhanced Display
- D. Drive Error Log NVRAM

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 106

If you want to update firmware and drivers on an HP ProLiant Gen8 Server, which component do you need?

- A. ProLiant Support Pack
- B. Service Pack for ProLiant
- C. Smart Setup CD
- D. Firmware DVD

Correct Answer: B

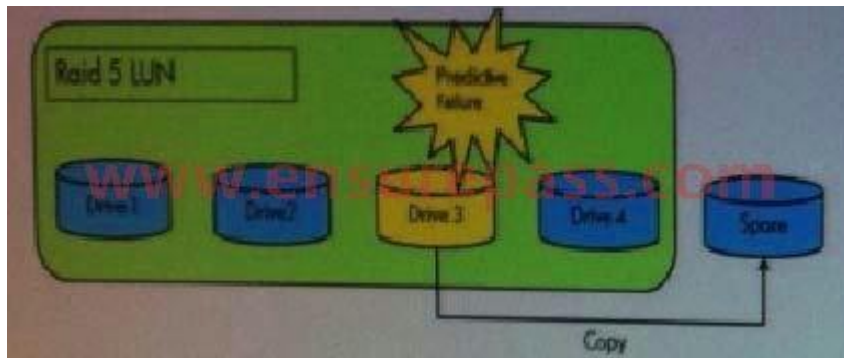
Section: (none)

Explanation

Explanation/Reference:

QUESTION 107

Which new feature on the HP Smart Array P241i is shown on the exhibit?



- A. Advanced Data Guard
- B. Predictive Wear Gauge
- C. Predictive Spare Activation
- D. Predictive Advanced Rebuilding

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 108

You are installing HP Insight Control for Microsoft System Center on a customer site. Which component should you install to allow HP ProLiant Gen8 servers to be managed in System Center Operation Manager using the iLO Management Engine?

- A. HP Server Update Catalog
- B. HP ProLiant Agentless Management Pack
- C. HP ProLiant Server Management Pack
- D. HP Hardware inventory Toolkit

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 109

Which statements are correct about the use of Insight Control Performance Management? (Choose two.)

- A. Hardware bottlenecks are detected
- B. Hardware and software bottlenecks are detected
- C. Integrity servers do not require licenses
- D. Integrity servers are not supported
- E. Only CPU and memory bottlenecks are detected

Correct Answer: AC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 110

A customer has two logical drives (Logical Drive 1 and Logical Drive 2) configured on a smart array controller. The customer wants Logical Drive 2 to have the maximum possible performance because it contains database information. What option should you propose?

- A. Disable the array accelerator for Logical Drive 1 to reserve the total use of the array accelerator cache for Logical Drive 2
- B. Configure the surface scan delay to 3
- C. Configure the Monitor and Performance delay to 1
- D. Increase the rebuild priority to high for Logical Drive 1 and to low for Logical Drive 2

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 111

HP ProLiant Gen8 servers monitored by Insight Remote Support 7.0 can be configured to display on Insight Online. What is required to activate this feature?

- A. Enter the HP User ID and password in Insight Remote Support
- B. HP Mission Critical Services must be purchased
- C. HP Support Plus 24 Services must be purchased
- D. Firewall bypass agents must be installed

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 112

An engineer needs to replace a memory DIMM in an HP ProLiant server. Which precautions must be taken? (Choose two.)

- A. use an ESD mat
- B. Touch the chassis ground, holding the DIMM to ensure it is grounded
- C. Remove the server from the data center and bring it into the office environment for the replacement
- D. Use an ESD wrist strap
- E. Ensure that the relative humidity level is below 30%

Correct Answer: BD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 113

An administrator heard about the advantage of Insight Remote Support but is concerned about data security. Which advice should you offer about the

information Insight Remote Support collects?

- A. It is sent to HP through SSL and only HP can read the information
- B. It is encrypted and digitally signed using an X.509 certificate before transport to HP
- C. It is in binary format and only HP can read the information
- D. It is encrypted and only HP can read the information

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 114

HP SIM 7 and HP SUM 8.x integrate to provide which support?

- A. agent based update of server firmware
- B. OS based agentless update of the VCA
- C. VCA based offline update of agentless VCRM
- D. agentless update of iLO and server firmware
- E. OS supported agentless update of VCA

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 115

In HP System Insight Manager version 7 and beyond, which new tool can be used for Baselining? (Choose two.)

- A. Manage Hardware and Software versions
- B. Track Hardware and Software Baselines
- C. Manage Software and Firmware Baselines
- D. Track Software and Firmware Versions
- E. Track Drivers and Firmware Baselines

Correct Answer: CD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 116

A customer has 30 hard drives in a RAID 60 with five parity groups. How many drives can simultaneously fail in the array without data loss?

- A. 2
- B. 6
- C. 10
- D. 12

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 117

Which new feature in HP ProLiant Gen8 servers collects periodic performance data from the Smart Array Controller?

- A. Intelligent Provisioning
- B. Array Diagnostic Utility
- C. Active Health System
- D. Option ROM Configuration

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 118

You want to integrate VMware Virtual Center Server to obtain the functionality of virtual machine management within HP System Insight manager. Identify the menu to use to do this by dragging and dropping the marker on the correct location of the screenshot.



- A. Discovery
- B. Events
- C. Power Management
- D. Data Center Power Control Rules
- E. Status Pooling
- F. Security
- G. Managed Environment
- H. Protocol Settings
- I. Cluster Monitor
- J. VME Options

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 119

How does Dynamic power Capping differ from Power Capping?

- A. Dynamic power Capping allows a user to enable or disable the C-State or P-State

- B. Power Capping reacts fast enough to protect the electrical infrastructure from overload situations
- C. Power Capping allows a user to enable or disable the C-State or P-State
- D. Dynamic power Capping reacts fast enough to protect the electrical infrastructure from overload situations

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 120

When viewing the iLO 4 Subsystems and Devices tab, no system health information shows up for an HP ProLiant Gen8 server. What could be the cause?

- A. The Agentless Management Service is disabled
- B. The SNMP Pass-thru radio button is selected
- C. The Active Health System log is disabled
- D. Agentless Management is disabled in the BIOS

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 121

You are installing HP Insight Control for Microsoft System Center at a customer site. You want to be able to use System Center Configuration Manager to install HP ProLiant drivers and firmware using a rule based model. Which component should be installed?

- A. HP ProLiant Pro Management Kit
- B. HP ProLiant Agentless Management Kit
- C. HP ProLiant Server OS deployment Toolkit
- D. HP ProLiant Update Catalog

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 122

An engineer installed an IPDU solution in a rack. While verifying the installation, the engineer discovers that the IPDU firmware is not up to date. Which method should the engineer use to update the IPDU firmware?

- A. Use the HP Power Device Flash utility
- B. Connect a PC to the serial port of the iPDU display module and run the iPDU software update utility
- C. Use the onboard iPDU FTP utility
- D. Use the iPDU embedded web interface through the Setup tab.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 123

Which statement is correct about upgrading ProLiant components?

- A. For DL380p G8, you can populate up to 24 UDIMM memories
- B. Upgrade the server BIOS and firmware before upgrading the CPU
- C. RDIMMs and UDIMMs memory can be mixed as long they are different memory channels
- D. When installing RDIMM memory, you can populate all 24 slots with both processors installed

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 124

What should you do if an online firmware flash of the system board fails?

- A. Replace the system board because the flash is corrupt
- B. Retry the flash before rebooting the server
- C. Reboot the server, remove power and try again

D. Reboot the server and try again

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 125

You just completed repairing an HP Integrity rx2800 i2. Which iLO CLI option should use to monitor the system for errors during power-on? (Choose Two.)

- A. SL live logs
- B. Console logs
- C. Virtual Front Panel
- D. Active Health View
- E. SMBIOS view

Correct Answer: AB

Section: (none)

Explanation

Explanation/Reference:

QUESTION 126

Which tool is used to update system and iLO firmware of the HP Integrity rx2800 i2 Server?

- A. EFI Image
- B. HP Offline Firmware Manager
- C. HP OS Initiated Firmware Manager
- D. HP Smart Update Manager

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 127

After booting the latest version of SmartStart and starting HP Insight Diagnostics on a server that is having hardware issues, where can you check for any errors that have occurred previously on another date?

- A. Integrated Management Log (IML)
- B. Smart Update Error Log
- C. Install Log
- D. Console Error Log

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference: