

KillTest

Exam : HP HP0-S12

Title : Implementing HP ProLiant ML/DL Servers

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English: <http://www.killtest.com>

Big5 : <http://www.killtest.net>

GB : <http://www.killtest.cn>

The safer,easier way to pass any IT exam.

1. Which type of memory protection calculates a 72-bit syndrome for every 64 bits of data?

- A. Automatic Parity Checking (APC)
- B. Error Checking and Correcting (ECC)
- C. Error Detecting and Correction (EDC)
- D. Battery Backed Write Cache (BBWC)

Answer: B

2. From which HP resource can you access a set of tools, e-Services and solution sizers to help plan and implement a suitable server solution for a customer?

- A. HP Support Center
- B. ActiveAnswers website
- C. Solutions Programs Portal website
- D. Channel Services Network website
- E. Support and Troubleshooting website

Answer: B

3. How many external SAN connections are usable per switch in an MSA1000 solution with an integrated SAN Switch 2/8?

- A. 5
- B. 6
- C. 7
- D. 8

Answer: C

4. Which trust modes are possible on the HP System Management Homepage configuration of the HP ProLiant Support Pack for Windows? (Select two.)

- A. name
- B. certificate
- C. IP address

- D. trusted host list
- E. SNMP community

Answer: AB

5. Which HP resource contains video clips of removal and replacement procedures?

- A. HP Part Surfer
- B. HP Product Bulletin
- C. HP Services Media Library
- D. HP Parts Reference Guide

Answer: C

6. Which tool enables or configures Advanced Memory Configuration?

- A. iLO CLI
- B. ROM-Based Setup Utility
- C. Array Configuration Utility
- D. Option ROM Configuration for Arrays

Answer: B

7. What are advantages of dual-core processors over single-core processors? (Select two.)

- A. supports HyperThreading technology
- B. features shared 2MB L2 cache for each core
- C. runs four threads on each execution core
- D. delivers higher performance for multithreading applications
- E. improves performance while maintaining a similar power budget

Answer: DE

8. Which script is sent securely by CPQLOCFG to iLO over the network?

- A. RIBCL
- B. RIBdos.vbs
- C. HPONCFG
- D. CPQLODOS

Answer: A

9. SMASH CLP is accessible through which means? (Select two.)

- A. telnet
- B. iSCSI
- C. DB10
- D. virtual serial port

Answer: AD





10. Click the Task button.

Match the LED Activity and Color with the correct drive status Activity/Online for the lower LEDs on a SATA hot-plug drive.

Click the Exhibit button for instructions on how to complete drag and drop items.

1. Place the tip of the mouse cursor over the object you want to move (usually a panel, picture, or words).
2. Click and hold down the *left* mouse button.
3. Move the mouse (without releasing the mouse button) to move or “drag” the object.
4. Center the object over the place you would like it to go.
5. Release the mouse button to place or “drop” the object into its new location.

Hint: Watch the mouse cursor to see where to drop objects.

Status	Cursor	Example	Status	Cursor	Example
OK to Drop			NOT OK to Drop		

nl3|pn112|

pn15|pn118|

pn17|pn113|v

46fa966b6d88 46fa966b52de

22a4.gts

Answer:

11. PCI Express x16 slots can accept which types of PCI-e cards? (Select two.)

- A. x2

- B. x4
- C. x6
- D. x16
- E. x32

Answer: BD

12. What is a feature of SATA?

- A. PIN efficiency is lower than ATA hard drives.
- B. SATA host controllers recognize SCSI protocols.
- C. SATA drives are daisy-chained during configuration.
- D. It uses the same electrical and physical interfaces as Serial Attached SCSI.

Answer: D

13. Which factors can improve the write data transfer performance for an array configuration? (Select two.)

- A. RAID ADG
- B. write cache
- C. lower RPM drives
- D. higher spindle count

Answer: BD





14. Click the Task button.

Arrange the tasks for iSCSI tunneling in sequential order by dragging and dropping the boxes.

Click the Exhibit button for instructions on how to complete drag and drop items.

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3. Move the mouse (without releasing the mouse button) to move or "drag" the object.
4. Center the object over the place you would like it to go.
5. Release the mouse button to place or "drop" the object into its new location.

Hint: Watch the mouse cursor to see where to drop objects.

Status	Cursor	Example	Status	Cursor	Example
OK to Drop			NOT OK to Drop		

pn121|pn14|

pn122|pn15|

pn123|pn13|

pn124|pn11|

pn125|pn12|

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15a1.gtS

Answer:

15. Which statement is correct regarding Transmit Load Balancing (TLB)?

- A. TLB teaming has a maximum of four NICs in a team.
- B. TLB requires an 802.3ad-capable switch to support TLB teaming.
- C. NICs in TLB do not have Network Fault Tolerance (NFT) capability.
- D. TLB can receive at 1000Mb/s (theoretical throughput) using four teamed Gigabit Ethernet NICs.

Answer: D

16. Which HP ProLiant server offerings are based on the Intel processor platform? (Select three.)

- A. HP ProLiant DL145
- B. HP ProLiant ML370
- C. HP ProLiant DL360
- D. HP ProLiant DL585
- E. HP ProLiant DL385
- F. HP ProLiant DL380

Answer: BCF

17. Which HP ProLiant server offerings are based on the AMD processor platform? (Select three.)

- A. HP ProLiant DL145
- B. HP ProLiant DL585
- C. HP ProLiant ML370
- D. HP ProLiant DL385
- E. HP ProLiant DL380

F. HP ProLiant DL360

Answer: ABD

18. Click the Task button.





HP creates a variety of servers to meet the needs of various customers within the small-to-medium and enterprise business space.

Match the server models to the correct customer descriptions by dragging and dropping the boxes.

Click the Exhibit button for instructions on how to complete drag and drop items.

1. Place the tip of the mouse cursor over the object you want to move (usually a panel, picture, or words).
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3. Move the mouse (without releasing the mouse button) to move or "drag" the object.
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5. Release the mouse button to place or "drop" the object into its new location.

Hint: Watch the mouse cursor to see where to drop objects.

Status	Cursor	Example	Status	Cursor	Example
OK to Drop			NOT OK to Drop		

pn11|pn1|

pn12|pn2|

pn13|pn3|

46fa966c1017 46fa966c5693

EServers.gts

Answer:

19. Which HP ProLiant servers have these characteristics in common? (Select two.)

are density-optimized for rackmount environments

incorporate embedded components that provide a rich feature set while reducing the chassis size

are available only as rack models

A. HP ProLiant DL180

B. HP ProLiant DL380

C. HP ProLiant DL585

- D. HP ProLiant ML110
 E. HP ProLiant ML370
 F. HP ProLiant ML570

Answer: BC

20. Which HP ProLiant servers have these characteristics in common? (Select three.)

- are maximized for internal system expansion
- are designed so that their computing power can be maximized by adding additional components, such as PCI expansion cards and disk drives, inside the chassis
- are available in both rack and tower models

- A. HP ProLiant BL20p
 B. HP ProLiant ML350
 C. HP ProLiant DL360
 D. HP ProLiant ML370
 E. HP ProLiant DL380
 F. HP ProLiant ML570

Answer: BDF





21. Click the Task button.

Identify the ProLiant series classifications by matching the applicable series identifiers to the correct description.

Click the Exhibit button for instructions on how to complete drag and drop items.

1. Place the tip of the mouse cursor over the object you want to move (usually a panel, picture, or words).
2. Click and hold down the *left* mouse button.
3. Move the mouse (without releasing the mouse button) to move or "drag" the object.
4. Center the object over the place you would like it to go.
5. Release the mouse button to place or "drop" the object into its new location.

Hint: Watch the mouse cursor to see where to drop objects.

Status	Cursor	Example	Status	Cursor	Example
OK to Drop			NOT OK to Drop		

pn11|pn13|

pn12|pn11|

pn113|pn12|

46fa966b2e3c 46fa966b3b6f

SeriesID.gts

Answer:




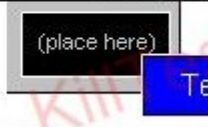
22. Click the Task button.

Match the LED Activity and Color with the correct drive status Activity/Online for the upper LEDs on a SATA hot-plug drive.

Click the Exhibit button for instructions on how to complete drag and drop items.

1. Place the tip of the mouse cursor over the object you want to move (usually a panel, picture, or words).
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5. Release the mouse button to place or “drop” the object into its new location.

Hint: Watch the mouse cursor to see where to drop objects.

Status	Cursor	Example	Status	Cursor	Example
OK to Drop			NOT OK to Drop		

pn13|pn14|

pn15|pn110|

pn17|pn111|

46fa966c6213 46fa966c675e

22a3.gts

Answer:

23. You are asked to investigate a failing hard drive on a ProLiant DL380 G5. When you arrive at the rack, you notice all the hard drive LEDs are flashing and the server UID light is flashing blue.

What is happening?

- A. The array is rebuilding a redundant array using an RDP scripted task. The UID is blinking because RDP is in control.
- B. A disk has failed in a nonredundant array and all logical drives are lost. You must erase all logical drives and

rebuild the server.

C. Someone is accessing the unit using the iLO 2 remote console and is probably using the Array Configuration Utility to check on the RAID configuration.

D. Someone has requested remote assistance from the HP SIM console and is using the storage agents to run an identification SNMP task on all the disks in the array.

Answer: C

24. Which device replaces the Automatic Server Recovery (ASR) feature on a ProLiant 100 series server?

A. NMI Button

B. Health Driver

C. Watchdog Timer

D. Doomsday Clock

E. System Management Driver

Answer: C

25. Which server recovery functions are included with Automatic Server Recovery (ASR)? (Select three.)

A. automatic memory repair

B. recovery from a fan failure

C. automatic hard drive repair

D. recovery from a processor failure

E. recovery from a power supply failure

F. automatic restarting after an operating system failure

Answer: ADF

26. Which features are applicable to Lights-Out 100 (LO100)? (Select four.)

A. control system power

B. boot to a remote diskette drive

C. access the text console of a system

D. monitor system environmental conditions

E. standard equipment on all ProLiant DL servers

F. remote graphical console available through license activation

Answer: ABCD

27. Which features are added to Lights-Out 100i Advanced Pack compared to Lights-Out 100? (Select three.)

- A. control system power
- B. embedded KVM over IP
- C. boot to remote diskette drive
- D. available as option expansion card
- E. full remote graphical console capabilities
- F. embedded Baseboard Management Controller (BMC)

Answer: BEF

28. Which enhancements are offered by iLO 2 Advanced over iLO Advanced? (Select two.)

- A. virtual media
- B. virtual KVM remote console
- C. terminal services integration
- D. schema-free directory integration
- E. Java-free integrated remote console

Answer: BE

29. Which tasks can be performed on a group of iLO processors by an administrator using the HP Lights-Out Configuration Utility? (Select two.)

- A. Configure network settings.
- B. Team the iLO ports for high availability.
- C. Activate the ProLiant Essentials iLO Advanced Pack license keys.
- D. Integrate iLO ports in one HP Instant Support Enterprise Edition (ISEE) group.

Answer: AC

30. What are the differences between the HP Rack 10000 series and the HP Rack 10000 G2 series? (Select two.)

- A. greater width
- B. new stabilization feet
- C. greater loading capacity

- D. front and rear door handles and lock bars
- E. solid side panels and 65% perforated front and back doors

Answer: BD

31. The HP Modular Cooling System (MCS) is a self-cooled rack for high-density data center deployments.

Which features are provided with this solution? (Select three.)

- A. It operates at temperatures lower than the dew point of water.
- B. In the event of condensation, the MCS will drain it using the condensation evacuation pipe.
- C. The MCS automatically detects power failure and switches to an alternative power source.
- D. It supports selected HP ProLiant, Integrity, HP9000, StorageWorks and all third-party equipment.
- E. Hot-swappable components, fans, and heat exchangers can be replaced while the unit is operating.

Answer: BCE

32. Which statements are true when regarding an HP Server Console Switch? (Select three.)

- A. The switch provides local access for management.
- B. It supports the addition of separate consoles for serial-based devices.
- C. Local KVM solutions can be integrated into a KVM/IP remote management solution.
- D. Linux, UNIX-based, and network devices can all be managed from a single console.
- E. HP offers 8-port, two-user versions and 16-port, four-user versions of its server console switches.

Answer: ACD

33. You are required to provide a UPS solution for a ProLiant DL380 G5 Packaged Cluster with MSA1000. All units are supplied with fully redundant power supplies (PSUs). The customer's goal is to provide proper shutdown in the event of an extended power outage.

Which guidelines are important as part of your recommended minimum solution? (Select two.)

- A. The UPS should have a minimum of 2 load segments.
- B. The UPS should have a minimum of 3 load segments.
- C. The UPS should have a minimum of 6 load segments.
- D. Provide one UPS of VA rating based on the sizing requirements of the UPS Sizing Tool.
- E. Provide one UPS of VA rating equal to at least 1.40 x the total maximum combined power requirements (watts) of all units.

Answer: BD

34. Without upgrading, how many SCSI channels does the Smart Array 6402 controller have?

- A. 1
- B. 2
- C. 4
- D. 6

Answer: B

35. What are the main reasons to ensure proper planning of an IT infrastructure solution for a new customer?

(Select two.)

- A. to avoid costly mistakes from the beginning
- B. to allow a smoother upgrade path in the future
- C. to allow solid planning of sales margin within this account
- D. to demonstrate knowledge and understanding to the customer
- E. to ensure a customer's commitment to you as a preferred partner

Answer: AB

36. What is your final task after creating a needs analysis and performing a site survey?

- A. Write a scope of work.
- B. Create a project quote.
- C. Perform technical workshops.
- D. Invite the customer to the demo center.

Answer: A

37. A customer requires a Linux file server to be accessed by Windows and UNIX workstations. Which services should be installed to support this requirement? (Select two.)

- A. MD
- B. NFS
- C. NSS
- D. SMB

E. CUPS

F. AutoFS

Answer: BD

38. A customer is having trouble with cable management and wants to remove the keyboard and monitor cables from their rack.

Which HP solution should be planned in the infrastructure design to achieve headless server deployment in this environment?

A. HP iLO 2

B. HP System Insight Display

C. HP Rapid Deployment Pack

D. HP Systems Insight Manager

Answer: A

39. You need to estimate the run time for a UPS solution for some HP ProLiant servers. Which tool accomplishes this task?

A. UPS Sizing Tool

B. Power Distribution Utility

C. Rack and Power Manager

D. UPS Enterprise Configurator

Answer: A

40. A customer wants to protect against network switch failures and provide send/receive load balancing. Which type of HP Network Teaming accomplishes this?

A. Network Fault Tolerance

B. Transmit Load Balancing

C. Switch Assisted Load Balancing

D. Dynamic Dual Channel Teaming

Answer: D

41. Which advanced memory protection technology avoids unplanned downtime due to a complete memory chip

failure?

- A. Online Spare
- B. Standard ECC
- C. Advanced ECC
- D. Mirrored Memory

Answer: D

42. A customer wants to connect an MSA70 SAS storage solution to a ProLiant DL380 G5 server. Which Smart Array controller is required in the server?

- A. Smart Array 640x
- B. Smart Array E200
- C. Smart Array P400
- D. Smart Array P600

Answer: D

43. A customer wants to connect an MSA30 DB storage solution to a ProLiant DL380 G5 server. Which Smart Array controller is required to connect both MSA connectors?

- A. Smart Array 6i
- B. Smart Array 641
- C. Smart Array 642
- D. Smart Array 6402

Answer: D

44. You designed a database server solution using 15K RPM drives. Why do 15K RPM drives achieve higher performance than 10K RPM drives? (Select two.)

- A. 15K RPM drives have less latency.
- B. 15K RPM drives have a lower seek time.
- C. 10K RPM drives have a shorter command time.
- D. 15K RPM drives have a shorter data transfer time.
- E. 10K RPM drives have a higher service temperature.

Answer: AB

45. Which resource gathers information for sizing, recommends tools, and helps to deploy a business solution?

- A. ActiveAnswers
- B. Product Bulletin
- C. Enterprise Configurator
- D. Sales Builder for Windows

Answer: A

46. Which HP ProLiant DL380 G5 server features can locate possible hardware failures without starting an operating system on the server? (Select two.)

- A. Integrated Lights Out 2
- B. HP Insight Manager Agents
- C. Systems Insight Diagnostics
- D. ProLiant Pre-failure Notification
- E. Extended ProLiant BIOS Diagnostic

Answer: AC

47. Which tool can identify the firmware version of a disk drive in a ProLiant server?

- A. Array Diagnostic Utility
- B. Array Configuration Utility
- C. Instant Support Enterprise Edition
- D. Option-ROM Configuration for Arrays

Answer: A

48. To upgrade a ProLiant ML570 G4 server from 1GB to 2GB of system memory, in which configuration must the DIMMs be installed?

- A. single
- B. pairs
- C. octets
- D. triplets

Answer: B

49. A customer wants to upgrade a ProLiant server from one processor to two. Which task should be performed prior to processor installation?

- A. Update the system ROM.
- B. Set the boot processor in BIOS.
- C. Add a new processor serial number in BIOS.
- D. Set the existing processor in maintenance mode.

Answer: A

50. Click the Task button.

Click on the iLO 2 connector of an HP ProLiant DL380 G5 server.

hot1|1|

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ilo.gts

Answer:

51. Which tasks must be performed to upgrade the PCI riser cage on an HP ProLiant DL385 G2 server? (Select two.)

- A. Upgrade the server BIOS.
- B. Install a secondary power supply.
- C. Unplug all server AC power cords.
- D. Shut down and power off the server.
- E. Enable the riser cage option in BIOS.

Answer: CD

52. Which tool extends the logical drive on an NTFS file system?

- A. Diskpart
- B. ROM-Based Setup Utility
- C. Array Configuration Utility
- D. Option-ROM Configuration for Arrays (ORCA) Utility

Answer: A

53. You install an MSA1000 solution direct-attached to a ProLiant DL380 G5 with three array sets configured. You insert a new disk drive as a spare.

Which statement is true regarding spare disks in an MSA1000?

- A. A spare disk can only handle two arrays at the same time.
- B. Spare disks have to be assigned separately for each array.
- C. A minimum of two spare disks is needed for an MSA1000 solution.
- D. By marking a disk as spare, it is automatically assigned to all arrays.

Answer: B

54. You are installing an MSA1510i solution in a customer's network. Which utility must you install to administer this iSCSI solution?

- A. Command View MSA
- B. Array Configuration Utility
- C. Storage Management Utility
- D. HP Systems Insight Manager

Answer: C





55. Click the Task button.

Identify the different MSA solutions by dragging and dropping the boxes.

Click the Exhibit button for instructions on how to complete drag and drop items.

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2. Click and hold down the *left* mouse button.
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Status	Cursor	Example	Status	Cursor	Example
OK to Drop			<u>NOT</u> OK to Drop		

pn1|pn8|

pn2|pn4|

pn3|pn5|

pn7|pn6|

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msa.gts

Answer:

56. Which disk types are supported by the MSA50 solution? (Select two.)

- A. FC
- B. SCSI
- C. SAS
- D. FATA
- E. SATA

Answer: CE

57. A customer asks you to install an HP ProLiant DL360 G5 server at office headquarters. The server was previously used as a Domain Controller in a branch office.

Which tool allows you to remove all hardware configuration information currently on the system?

- A. System Erase Utility
- B. System Factory Loader
- C. Systems Insight Manager
- D. System Insight Diagnostics

Answer: A

58. Which features are enabled when updating iLO 2 from Standard to Advanced Edition? (Select three.)

- A. SSH access
- B. XML scripting
- C. terminal services
- D. shared network port
- E. directory integration

F. power regulator monitoring

Answer: CEF

59. Which tasks can be performed using Option-ROM Configuration for Arrays (ORCA)? (Select two.)

- A. expanding drives
- B. setting stripe sizes
- C. migrating RAID levels
- D. specifying RAID levels
- E. assigning online spares

Answer: DE

60. Which configuration tasks can be performed using the Option-ROM Configuration for Arrays (ORCA)? (Select three.)

- A. delete a logical drive
- B. create a logical drive
- C. migrate the RAID level
- D. change the stripe size
- E. designate an online spare
- F. change the Array Accelerator settings

Answer: ABE

61. You are at a customer site when a malfunction occurs during a ROM update of an HP ProLiant DL380 G5 server. After the update, the primary and redundant ROM images are corrupted.

What must be done to get the server functional again? (Select two.)

- A. Use ROMPack disaster-recovery diskettes.
- B. Set server switches to disaster-recovery mode.
- C. Boot from ROMPack diskettes and flash ROM again.
- D. Boot from SmartStart and select ROM disaster recovery.
- E. Perform a ROM update rollback using the SmartStart scripting utility.

Answer: BC

62. You are asked why individual ProLiant Support Pack (PSP) components are referred to as Smart. Which statements should you base your answer on? (Select two.)

- A. The components are always included in each release of ProLiant SmartStart CDs.
- B. Each component checks the system for its installation dependencies before installing the software.
- C. The design improves and simplifies operating system integration, flexibility, and system configuration.
- D. The software components of the PSP support all operating systems in native format and automatically install the correct version of the driver for all operating systems.
- E. The components are developed in accordance with PCI Version 2.1 and later designs, which implement hot-plug PCI and favor S.M.A. R.T. enabled hardware components.

Answer: BC

63. Which actions are performed when a Preboot eXecution Environment (PXE) client boots? (Select two.)

- A. locates a boot server
- B. loads kernel from SmartStart in RAM
- C. obtains an IP address from a DHCP server
- D. sends static IP address to first available boot server
- E. configures server BIOS with default boot parameters

Answer: AC

64. Which installation path is provided when using a current SmartStart installation for a stand-alone HP ProLiant server?

- A. Silent
- B. Remote
- C. Assisted
- D. Replicated

Answer: C




65. Click the Task button.

During redeployment of an existing HP ProLiant server, show the order of steps for an assisted installation using SmartStart by dragging and dropping the boxes.

Click the Exhibit button for instructions on how to complete drag and drop items.

1. Place the tip of the mouse cursor over the object you want to move (usually a panel, picture, or words).
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3. Move the mouse (without releasing the mouse button) to move or “drag” the object.
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Hint: Watch the mouse cursor to see where to drop objects.

Status	Cursor	Example	Status	Cursor	Example
OK to Drop			NOT OK to Drop		

pn1|pn15|

pn2|pn16|

pn3|pn17|

pn4|pn18|

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smart_st.gts

Answer:

66. You must install an HP ProLiant DL380 G5 server with a SUSE Linux distribution.

Which tools are necessary to perform preinstallation tasks? (Select two.)

- A. HP Smart Setup
- B. HP Management CD
- C. ROM-based Setup Utility
- D. Extensible Firmware Interface
- E. Option ROM Configuration for Arrays

Answer: CE

67. What must be performed on an HP ProLiant server after manually installing an operating system to support the pre-failure warranty?

- A. Remove the UUID key.
- B. Install the server support pack.
- C. Apply the operating system license.

- D. Install the Remote Support Pack (RSP).
- E. Register the client within a deployment server.

Answer: B

68. You want to use the SmartStart Scripting Toolkit for server deployment. Where are the installation files for this tool?

- A. Web download
- B. SmartStart CD
- C. ProLiant Support Pack
- D. Operating System CD

Answer: A

69. You are installing an HP ProLiant server at a customer site using Rapid Deployment Pack (RDP). After powering on the system, the client that is configured for PXE cannot find a PXE server.

What is causing this problem?

- A. PXE boot is not enabled in the BIOS.
- B. The server asset tag is not set to RDP client.
- C. Serial number authentication is not enabled on the client.
- D. The RDP server IP address is not configured in the BIOS.

Answer: A

70. What are the advantages of using HP Instant Support Enterprise Edition (ISEE)? (Select two.)

- A. automated notification
- B. version control management
- C. unified approach of management
- D. central driver and software distribution
- E. role-based management for storage systems

Answer: AC

71. Which prerequisite must be met on a ProLiant server running Windows 2003 to use the Open Service Event Manager (OSEM)?

- A. Insight Management Agents must be installed.
- B. A management LAN must be configured for trap posting.
- C. OSEM Agents must be installed on every Windows host.
- D. Instant Support Enterprise Edition (ISEE) must be installed.

Answer: A

72. You are installing an HP UPS for an HP ProLiant server system at a customer site.

Which software allows you to manage a single UPS both remotely and locally?

- A. HP Power Manager
- B. HP UPS Diagnostics
- C. HP UPS Management Module
- D. HP Infrastructure Management

Answer: A

73. Which management tools are unique to the c-Class BladeSystem when compared to the p-Class BladeSystem?

(Select two.)

- A. iLO2
- B. Onboard Administrator
- C. System Insight Display
- D. HP Systems Insight Manager
- E. Blade Integration Module for SIM

Answer: BC

74. Which management tool is unique to the c-Class BladeSystem when compared to the p-Class BladeSystem?

- A. iLO2
- B. Insight Display
- C. HP Systems Insight Manager
- D. Blade Integration Module for SIM

Answer: B

75. Which components are monitored by the Performance Management Pack (PMP)? (Select two.)

- A. EVA Disk Cache
- B. SAN switch hop count
- C. CPU (down to the individual CPU level)
- D. direct attached SCSI, ATA and SATA disks
- E. 1U power consumption on p-Class BladeSystems

Answer: CD

76. Before investing in new hardware, customers should decide whether to scale up or scale out.

Which choices are part of the scaling-up process? (Select two.)

- A. adding additional servers
- B. replacing parts with faster parts
- C. running tasks across multiple machines
- D. implementing clustering for the application
- E. adding additional components to an existing server

Answer: BE

77. What is required when setting thresholds for file system usage in the Systems Management Homepage?

- A. SMTP is enabled.
- B. BBWC is set to 128KB.
- C. SNMP access is set for READ-WRITE.
- D. Page File size is 1.5 times the size of threshold.

Answer: C

78. How many pages/sec can occur before the memory subsystem is indicated as a bottleneck?

- A. 2
- B. 5
- C. 20
- D. 100

Answer: B

79. Which RAID level has the least impact on write performance?

- A. RAID 0
- B. RAID 1
- C. RAID 5
- D. RAID 6

Answer: A

80. Which RAID level has the greatest impact on write performance?

- A. RAID 0
- B. RAID 1
- C. RAID 5
- D. RAID 6

Answer: D

81. You add a second processor to a poorly performing ProLiant DL380 G5 system at a customer site. After powering on the server and starting the application, there is still no performance improvement.

What is the reason?

- A. The application is not multithreaded.
- B. Multiprocessor cache is disabled on the system.
- C. The processor speeds were not configured in the boot.ini file.
- D. The processor serial number is not registered in the system BIOS.

Answer: A

82. Which Linux performance monitoring tool provides information on processor utilization, process statistics, and memory utilization?

- A. sar
- B. top
- C. kstat
- D. Oprofile

Answer: B





83. Click the Task button.

Indicate which tool establishes a baseline in the operating systems shown by dragging and dropping the boxes.

Click the Exhibit button for instructions on how to complete drag and drop items.

1. Place the tip of the mouse cursor over the object you want to move (usually a panel, picture, or words).
2. Click and hold down the *left* mouse button.
3. Move the mouse (without releasing the mouse button) to move or "drag" the object.
4. Center the object over the place you would like it to go.
5. Release the mouse button to place or "drop" the object into its new location.

Hint: Watch the mouse cursor to see where to drop objects.

Status	Cursor	Example	Status	Cursor	Example
OK to Drop			NOT OK to Drop		

pn11|pn11|

pn12|pn12|

pn13|pn13|

pn15|pn12|

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baseline.gts

Answer:

84. When should a baseline be captured after installation?

- A. during peak operation time
- B. during peak daily operation
- C. during normal daily operation
- D. during idle periods of the system

Answer: C

85. Which tasks are part of the first step of the HP Troubleshooting Methodology? (Select two.)

- A. identifying solutions for each possible root cause
- B. gathering failure information of the affected system
- C. identifying specific root causes for the specified mode of failure
- D. identifying the hardware and software components in the system
- E. determining proactive steps that can prevent the problem from recurring

Answer: BD

86. You are at a customer site and need to identify LED status information and switches specific to a ProLiant server. Which resource should you use?

- A. HP SmartStart CD
- B. HP Product Bulletin
- C. HP ProLiant Servers Troubleshooting Guide
- D. Setup and Installation Guide for that ProLiant server

Answer: D

87. After collecting data, you notice that the Windows page file is being heavily used. Which subsystem should be updated first to solve this issue?

- A. memory (RAM)
- B. I/O subsystem
- C. processor (CPU)
- D. network interface card (NIC)

Answer: A

88. During which step of the HP Troubleshooting Methodology do you carefully observe and record the results of each step including any error messages or changes in functionality?

- A. Step 1 - Collect data.
- B. Step 3 - Develop the action plan.
- C. Step 4 - Execute the action plan.
- D. Step 6 - Implement preventative measures.

Answer: C

89. You solved a performance issue on an HP ProLiant ML370 server at a customer site. Which ProLiant Essentials Value Pack helps to determine whether a system is still bottlenecked?

- A. HP Insight Diagnostics
- B. ProLiant Foundation Pack
- C. Performance Management Pack

D. Vulnerability and Patch Management

Answer: C

90. After troubleshooting and resolving a problem at a customer site, which details should you include in the final report to the customer? (Select two.)

- A. recommendations of preventive measures to take
- B. root cause of the problem and the documented fix or fixes
- C. recommendations of upgrades that would increase system performance
- D. root cause of the problem and the person or group that should be held responsible for causing it

Answer: AB

91. Which actions are part of the last step of the HP Troubleshooting Methodology? (Select two.)

- A. replacing the hard drive
- B. updating virus database
- C. updating software and drivers
- D. identifying the mode of a failure
- E. developing an optimized action plan

Answer: BC

92. After installing a ProLiant server at a customer headquarters, you created a survey and sent it to a branch office. Days later, the customer complained that the server contained less memory than it should.

What is the easiest way to identify exactly what happened?

- A. Have the regional office send the server back and run a survey locally.
- B. Capture a new survey and check off the components one at a time until you find the discrepancy.
- C. Send the survey output to someone at the branch office and have them open the server and check off items until they find what is missing.
- D. Capture a new survey and use the Insight Diagnostics Compare Configurations tab to compare the outputs and determine what is different.

Answer: D

93. Which HP service provides proactive notification of critical updates and product changes for ProLiant servers?

- A. IT Resource Center
- B. Subscriber's Choice
- C. Online Agent Reference Set
- D. Version Control Repository Manager

Answer: B

94. Identify key features of the HP Systems Insight Manager (HP SIM). (Select two.)

- A. executes defined tasks
- B. performs fault repairing
- C. performs data migration
- D. creates collection views
- E. creates standardized MIBs

Answer: AD

95. Which management protocols can HP SIM use to automatically discover and identify HP servers, desktops, clusters, workstations, and portables? (Select three.)

- A. DMI
- B. ICMP
- C. IGMP
- D. SMTP
- E. SNMP

Answer: ABE

96. When enabling directory-enabled management on an iLO-enabled ProLiant server, which installers must be running during the installation process? (Select two.)

- A. Vise installer
- B. NAS installer
- C. HP kit installer
- D. Schema installer
- E. Management snap-in installer

Answer: DE

97. Which default port number is used with the following link to open HP Systems Insight Manager?

https://<Server_IP_address>:

- A. 23
- B. 2301
- C. 2381
- D. 50000

Answer: D

98. Click the Task button.

Fill in the default port number used to open HP Systems Insight Manager from another computer on the network using an internet browser.

|<_e><13>edt1|5|50000|

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HPSIMdsp.gts

Answer:

99. Which ports must be open when using the HP SIM defaults through a firewall? (Select three.)

- A. 22 (SSH)
- B. 23 (Telnet)
- C. 8160 (Patrol)
- D. 137 (NETBIOS)
- E. 161 (SNMP Agent)
- F. 5989 (HTTPS WMI Mapper)

Answer: AEF

100. Which statement is true regarding an HP Systems Insight Manager (HP SIM) managed system?

- A. Only a CMS can be a managed system.
- B. Hubs, switches, and routers are not considered managed systems.

- C. A managed system can be any device that can communicate with HP SIM.
- D. A managed system cannot be managed by more than one management server.

Answer: C

101. What are the preferred methods for multiserver deployment? (Select two.)

- A. SmartStart
- B. iLO Scripting
- C. Rapid Deployment Pack
- D. Insight Control Linux Edition

Answer: CD

102. Which products are ProLiant Essentials Value Pack options for configuration management? (Select three.)

- A. Automation Pack
- B. Rapid Deployment Pack
- C. Performance Management Pack
- D. Integrated Lights-Out Advanced Pack
- E. Remote Direct Memory Access Pack

Answer: BCD





103. Click the Task button.

Indicate the correct default boot order on an HP ProLiant server by dragging and dropping the boxes.

Click the Exhibit button for instructions on how to complete drag and drop items.

1. Place the tip of the mouse cursor over the object you want to move (usually a panel, picture, or words).
2. Click and hold down the *left* mouse button.
3. Move the mouse (without releasing the mouse button) to move or "drag" the object.
4. Center the object over the place you would like it to go.
5. Release the mouse button to place or "drop" the object into its new location.

Hint: Watch the mouse cursor to see where to drop objects.

Status	Cursor	Example	Status	Cursor	Example
OK to Drop			<u>NOT</u> OK to Drop		

pn1|pn9|

pn3|pn7|

pn4|pn8|

pn5|pn10|

pn6|pn2|

46fa966a5d13 46fa966a0ece

bootordr.gts

Answer:

104. What do you use to enable Hyper-Threading on an HP ProLiant server?

- A. RBSU - Server Availability menu
- B. RBSU - Advanced Options menu
- C. SmartStart - Server Availability menu
- D. SmartStart - Advanced Options menu

Answer: B

105. A customer has an HP ProLiant DL380 G4 with outdated firmware. What can be used to upgrade all the firmware components at once?

- A. SmartStart CD
- B. Version Control Agent
- C. individual online updates
- D. Firmware Maintenance CD

Answer: D

106. Which HP tool enables the Virtual Install Disk?

- A. Array Configuration Utility (ACU)
- B. ROM-based Setup Utility (RBSU)
- C. System Configuration Utility (SCU)
- D. HP System Management Homepage (SMH)

Answer: B

107. A customer wants a solution that keeps HP ProLiant server firmware and drivers up to date without having to interact directly with each server or hire additional IT staff.

Which products accomplish this goal? (Select two.)

- A. HP Version Control Agent (VCA)
- B. HP Rapid Deployment Pack (RDP)
- C. HP Remote Deployment Utility (RDU)
- D. HP Version Control Repository Manager (VCRM)
- E. HP Vulnerability and Patch Management Pack (VPMP)

Answer: AD

108. What is required to enable the virtual diskette/virtual CD-ROM on the Integrated Lights-Out (iLO) on an HP ProLiant DL585?

- A. ProLiant Essentials Product Support Pack
- B. ProLiant Essentials Rapid Deployment Pack
- C. ProLiant Essentials Performance Management Pack
- D. ProLiant Essentials Integrated Lights-Out Advanced Pack

Answer: D

109. On a ProLiant server single-board memory configuration, how often are the primary and mirrored designations switched between banks?

- A. every hour
- B. every 12 hours
- C. every 24 hours
- D. every 72 hours

Answer: C

110. Which statement describes mirrored memory support on a ProLiant server?

- A. You must have a combination of 8 or 16 DIMMs.
- B. It is supported only on Red Hat Enterprise Linux 5.
- C. Mirrored memory is supported at the hardware level.
- D. It is supported only on Microsoft Windows Server 2003 Enterprise.

Answer: C

111. Which rule applies when adding memory to an HP ProLiant DL585 G1 using PC 3200 DIMMs? (Select two.)

- A. Each processor board must have memory installed.
- B. All DIMMs on a processor board must be of the same size.
- C. All DIMMs on a processor board must be of the same speed.
- D. The memory bus will slow down if more than six DIMMs are installed.
- E. The memory bus will slow down if more than eight DIMMs are installed.

Answer: BC

112. Which statement applies when adding memory to an HP ProLiant DL385 G1?

- A. Each processor must have memory installed.
- B. A second processor is required to use all of the DIMM slots.
- C. The memory bus will slow down if more than six DIMMs are installed.
- D. The memory bus will slow down if more than eight DIMMs are installed.

Answer: B

113. How often must full backups be performed under the Grandfather-Father-Son (GFS) tape-rotation scheme?

- A. daily
- B. weekly
- C. monthly
- D. bi-weekly

Answer: B





114. Click the Task button.

Match the backup products to their descriptions by dragging and dropping the boxes.

Click the Exhibit button for instructions on how to complete drag and drop items.

1. Place the tip of the mouse cursor over the object you want to move (usually a panel, picture, or words).
2. Click and hold down the *left* mouse button.
3. Move the mouse (without releasing the mouse button) to move or “drag” the object.
4. Center the object over the place you would like it to go.
5. Release the mouse button to place or “drop” the object into its new location.

Hint: Watch the mouse cursor to see where to drop objects.

Status	Cursor	Example	Status	Cursor	Example
OK to Drop			NOT OK to Drop		

pn11|pn1|<

pn12|pn3|

pn13|pn2|

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backupte.gts

Answer:

115. Which backup type performs the data backup and clears the archive attribute?

- A. daily
- B. copy
- C. differential
- D. incremental

Answer: D

116. What is an advantage of a copy backup?

- A. It purges the log files on the drive to reduce wasted space.
- B. The data transfer rate is faster than a normal full backup of the system.
- C. It resets the normal backup schedule so the next backup will be a full backup.
- D. It does not reset the archive bit so there is not a disruption to the normal backup schedule.

Answer: D

117. Which statements are true regarding Microsoft Windows Server 2003 Backup and Restore Wizard? (Select

two.)

- A. Backup Wizard allows a choice of what to back up.
- B. Restore Wizard can reinstall the operating system.
- C. Backup Wizard creates an archive compatible with rsync.
- D. Restore Wizard can replace existing files with files in archive.
- E. Tar with bzip2 is used during backup to make the archive smaller and more compact.

Answer: AD

118. What are the full backup types? (Select two.)

- A. copy
- B. normal
- C. system
- D. differential
- E. incremental

Answer: AB




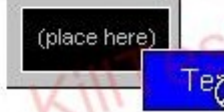
119. Click the Task button.

Determine the required transfer rate for a backup device by dragging and dropping the boxes.

Click the Exhibit button for instructions on how to complete drag and drop items.

1. Place the tip of the mouse cursor over the object you want to move (usually a panel, picture, or words).
2. Click and hold down the *left* mouse button.
3. Move the mouse (without releasing the mouse button) to move or “drag” the object.
4. Center the object over the place you would like it to go.
5. Release the mouse button to place or “drop” the object into its new location.

Hint: Watch the mouse cursor to see where to drop objects.

Status	Cursor	Example	Status	Cursor	Example
OK to Drop			NOT OK to Drop		

pn11|pn13|

pn12|pn14|

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Transf_R.gts

Answer:

120. What is the default warranty period for ProLiant 300 series servers and higher?

- A. 1 year Next Business Day including parts and labor
- B. 5 years Next Business Day including parts and labor
- C. 3 years Next Business Day including parts and labor
- D. 2 years Next Business Day including parts and labor

Answer: C

121. Which internet resource can perform a warranty check for HP systems?

- A. HP Service Library
- B. HP ActiveAnswers
- C. IT Resource Center
- D. HP Business Support Center

Answer: C

122. An international customer purchased several HP ProLiant DL380 G5 servers in the United States. They were configured and shipped to the customer's regional offices in Germany.

Based on the warranty, what will occur if a server hard drive fails in Germany?

- A. The system must be serviced in the United States.
- B. The system will be replaced with a German DL380.
- C. The system will be serviced locally within the warranty period.
- D. The system will not be serviced locally unless a Care Pack was purchased.

Answer: C





123. Click the Task button.

Match the warranties with the appropriate options by dragging and dropping the boxes.

Click the Exhibit button for instructions on how to complete drag and drop items.

1. Place the tip of the mouse cursor over the object you want to move (usually a panel, picture, or words).
2. Click and hold down the *left* mouse button.
3. Move the mouse (without releasing the mouse button) to move or “drag” the object.
4. Center the object over the place you would like it to go.
5. Release the mouse button to place or “drop” the object into its new location.

Hint: Watch the mouse cursor to see where to drop objects.

Status	Cursor	Example	Status	Cursor	Example
OK to Drop			NOT OK to Drop		

pn11|pn2|

pn12|pn3|

pn13|pn2|

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91f1.gts

Answer:





124. Click the Task button.

Match the correct warranties with the products by dragging and dropping the boxes.

Click the Exhibit button for instructions on how to complete drag and drop items.

1. Place the tip of the mouse cursor over the object you want to move (usually a panel, picture, or words).
2. Click and hold down the *left* mouse button.
3. Move the mouse (without releasing the mouse button) to move or “drag” the object.
4. Center the object over the place you would like it to go.
5. Release the mouse button to place or “drop” the object into its new location.

Hint: Watch the mouse cursor to see where to drop objects.

Status	Cursor	Example	Status	Cursor	Example
OK to Drop			NOT OK to Drop		

pn11|pn5|

pn12|pn2|

pn13|pn3|

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91g1.gts

Answer:

125. Which components are covered under the HP Pre-failure Warranty?

- A. memory, options, disks
- B. processors, NICs, disks
- C. disks, processors, memory
- D. all components managed by HP Insight Management Agents

Answer: C

126. Which components are covered under the HP Pre-failure Warranty? (Select three.)

- A. NICs
- B. disks
- C. memory
- D. I/O cards
- E. processors
- F. power supplies

Answer: BCE

127. Which service is included within Mission Critical Support Services?

- A. Proactive 24
- B. Call-to-Repair
- C. Support Plus 24
- D. Installation Services

Answer: A

128. Which hardware support service commits to resolve hardware problems within a specific time from when the service call is received?

- A. Proactive 24
- B. Support Plus 24
- C. Call-to-Repair option
- D. Mission Critical Support

Answer: C





129. Click the Task button.

Identify the HP hardware support services by dragging and dropping the boxes.

Click the Exhibit button for instructions on how to complete drag and drop items.

1. Place the tip of the mouse cursor over the object you want to move (usually a panel, picture, or words).
2. Click and hold down the *left* mouse button.
3. Move the mouse (without releasing the mouse button) to move or "drag" the object.
4. Center the object over the place you would like it to go.
5. Release the mouse button to place or "drop" the object into its new location.

Hint: Watch the mouse cursor to see where to drop objects.

Status	Cursor	Example	Status	Cursor	Example
OK to Drop			NOT OK to Drop		

pn1|pn9|

pn3|pn8|

p1|pn2|

p2|pn7|

pn6|pn10|

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sp.gts

Answer:

130. Which HP methodologies help customers move to proactive service management and strategic consolidation?

(Select two.)

- A. IT Service Delivery (ITSD)
- B. IT Infrastructure Library (ITIL)
- C. IT Service Management (ITSM)
- D. IT Proactive Services Management (ITPSM)
- E. IT Customer Services Management (ITCSM)
- F. IT Consulting and Integration Services (ITCIS)

Answer: BC