Exam Code: HP0-645
Implementing HP ProLiant Servers

Demo Version

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1. In a design plan you created, you recommended HP SCSI adapters that use tagged command queuing (TCQ). Why is this function important?
A. It enables the logging of failed commands.
B. It supports multiple adapters on the same SCSI bus.
C. It ensures that the adapters execute commands serially.
D. It optimizes the execution of multiple SCSI commands.
Answer: D

2. Where can you find the HP Solution Sizer tools?
A. Support Software CDs
B. SmartStart CD
C. Gartner TCO/ROI website
D. HP Enterprise Configurator website
Answer: D

3. You want to view the management log on an HP ProLiant server running Red Hat Linux. How can you access the Integrated Management Log Viewer on a Linux server running X Windows?
A. Open the cpqimlview web page.
B. Go to a shell prompt and type cpqmgmt.
C. Go to a shell prompt and type cpqimlview.
D. Look for the Integrated Management Log Viewer under system > tools > cpqimlview.
Answer: C

4. You have just upgraded a customer's management workstation to HP Insight Manager 7 SP2. You want to monitor five of the customer's HP ProLiant servers running Microsoft Windows 2000 Server. The servers were installed with SmartStart 6.20.
What additional steps are required to monitor these servers with the ProLiant Essentials Performance Management Pack (PMP)? Select TWO.
A. Install Service Pack 3 for Windows 2000 Server.
B. Purchase additional licenses for the PMP.
C. Install the Microsoft Database Engine.
D. Register the servers in the PMP database.
E. Register the workstation in the PMP database.
Answer: BD

5. You have added a second Smart Array controller to an HP ProLiant server. Your server is trying to boot from the wrong controller. How would you resolve this problem?
A. Install Insight Manager 7 and run the Survey Utility.
B. Run the ACU and disable the drives that the operating system is booting from.
C. Run the ADU and determine the fault with the drives that should be booting.
D. Execute the RBSU and change the controller boot order.
Answer: D

6. What is the recommended average disk queue length for a single disk spindle?
A. Less than one
B. Less than two
C. Less than four
D. Less than eight
E. Less than sixteen
Answer: B

7. You believe that a performance bottleneck in a server is being caused by a defective DIMM. You have devised an action plan for resolving the problem.
Which steps should you take before executing the action plan? Select TWO.
A. Enable Automatic Server Recovery (ASR).
B. Restore the system to the last known good backup.
C. Install virus protection software.
D. Document any software parameters that will be changed.
E. Back up the contents of the hard drives.
Answer: DE

8. If a processor has both L1 and L2 cache, which statement is always true?
A. When data is read from L2 cache, that same data is updated to L1 cache.
B. Data that is written to L2 cache is always immediately written to memory. C.
A cache read hit on the L1 cache causes L2 cache to be updated.
D. All reads from memory and all I/O reads are simultaneously written to both the L1 and L2 caches.
Answer: A

9. What is a function of the Secure Sockets Layer (SSL)?
A. provides an encrypted channel of communications between the server and the browser
B. provides a secure management communication between SNMP and TCP
C. provides a protocol layer that lies between SMTP and TCP that allows secure email to be sent from a management agent to a centralized management console
D. provides a protocol layer that lies between DLL and TCP
Answer: A

10. What is the easiest trust relationship to establish between an Insight Manager 7 server and a server running with a supported agent?
A. Trust Domain
B. Trust by Name
C. Trust All
D. Trust by Certificate
E. Open Trust
Answer: C

11. Which protocols must be loaded for the server management agents to communicate with the Insight Manager 7 application? Select TWO.
A. TCP/IP
B. DMI
C. SNMP
D. SMTP
E. SNAP
Answer: AC

12. Which memory technology is able to detect and correct adjacent multi-bit memory errors?
A. Error Checking and Correcting (ECC)
B. Advanced Error Checking and Correcting (AECC)
C. Parity
D. Double Data Rate (DDR)
Answer: B

13. A customer purchased an HP ProLiant DL560 with Double Data Rate (DDR) RAM for improved performance. Which innovation was introduced with DDR RAM?
A. error detection and correction
B. correction of single-bit memory errors
C. addition of a parity bit to each byte when it writes it to memory
D. data transfer on the rising and falling edge of each clock cycle
Answer: D

14. You are troubleshooting a system with PCI slots, but you do not know what voltage the PCI slots support. Which PCI card can operate in a 5V or 3.3V PCI slot?
A. A standard 32-bit 33MHz PCI card
B. A universal PCI card
C. A dual-capability 32/64-bit PCI card
D. An advanced 33/66MHz PCI card
Answer: B

15. In planning your customer's server environment, you recommend HP ProLiant servers with PCI-X slots. Your customer asks you to explain the benefits of PCI-X enhancements over conventional PCI technology. What are benefits of PCI-X enhancements? Select TWO.
A. Increased bus frequency
B. Support for more devices per bus
C. Split transactions
D. Ability of additional buses to move 64 bits at 33MHz
Answer: AC

16. You need a server with the technology that enables an I/O device such as a PCI controller to communicate directly with another device without processor input. Which technology offers this capability?
A. Split transactions
B. PIO Mode 4
C. Direct Memory Access
D. Bus mastering
Answer: D

17. You need to replace a PCI controller in a HP ProLiant server while the server is running. PCI Hot-Plug technology enables you to shut down power to the PCI _____.
A. riser board
B. bridge
C. bus
D. slot
Answer: D

18. You need to install two SCSI controllers on a single bus. How should each SCSI controller ID be set?
A. One SCSI controller ID is set to 7 and the other ID is set to 6.
B. The SCSI controller ID's both set to 7.
C. One SCSI controller ID is set to 0 and the other ID is set to 15.
D. The SCSI controller ID's both set to 0.
Answer: A

19. What is the act of mirroring across two physical controllers known as? A.
mirroring
B. striping
C. duplexing
D. parity
Answer: C

20. A customer wants the best data protection and performance for their drives. Cost is not a factor. Which RAID level would you recommend?
A. RAID level 0
B. RAID level 1+0
C. RAID level 5
D. RAID level 1
Answer: B