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## Exam Code: HP0-092

### HP-UX Advanced System Administration

#### Demo Version

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## HP0-092

1. The values for the login\_name, login\_directory, and login\_shell variables are configured in which file?
  - A. /etc/passwd
  - B. /etc/profile
  - C. /etc/default
  - D. \$HOME/.profile

**Answer: A**

2. When will the following command run if placed in a crontab?

```
0 0 1,15 * * /sbin/myprog
```

- A. not enough data to determine the frequency
- B. every hour on the 1st and 15th minute
- C. at midnight on the 1st and 15th of each month
- D. every day, every hour on the 1st and 15th second

**Answer: C**

3. What are examples of SYS-V IPC services? Select THREE

- A. signals
- B. threads
- C. semaphores
- D. sense switches
- E. shared memory
- F. message queues

**Answer: CEF**

4. After defining a new vPar, what will allow you to install the new vPar boot disk using Ignite?

- A. from the MP: CM>VPARLOAD -p <vParName> -d LAN
- B. from the vPar monitor: MON>VPARINSTALL <vParName>
- C. bring down all vPar kernels, and from the nPar BCH main menu: vparboot <vParName> <bootdevice>
- D. from any kernel running in the complex:  
vparinstall -p <nPar#:vParName> -S <IgniteServer>
- E. from an HP-UX instance on another vPar running on the same nPar: execute vparboot -p vParName \ -I <IgniteServer>./opt/ignite/bin/winstall

**Answer: E**

5. On which port does the telnet daemon listen for client requests?

- A. 69
- B. 23
- C. 111
- D. 115

**Answer: B**

6. Which configuration file is involved when auto\_parms is determining if an interface should be configured to request a DHCP lease?

- A. netconf
- B. dhcpconf
- C. dhcpdconf
- D. auto\_parms.conf

**Answer: A**

7. What must be configured on an Ignite-UX server? Select TWO.

- A. tftp
- B. NFS
- C. NTP
- D. telnet
- E. SMTP

**Answer: AB**

8. What are the major areas of internal functionality of the HP-UX operating system? Select THREE.

- A. user shell
- B. file system

- C. virtual memory allocation
- D. support of firmware upgrades
- E. process scheduling and execution

**Answer: BCE**

9. Which run states are valid for a process under HP-UX? Select THREE.

- A. waiting
- B. zombie
- C. pending
- D. sleeping
- E. signaling
- F. ready to run

**Answer: BDF**

10. Which VxVM daemons need to be running for the volume manager to be operating correctly?

- A. vxfsd, vxiod, vxvmd
- B. vxfsd, vxiod, vxnotify
- C. vxconfigd, vxdctl, vxiod
- D. vxconfigd, vxiod, vxrelocd, vxnotify

**Answer: D**

11. HP PA-RISC processors contain which features? Select THREE.

- A. EPIC instruction set
- B. division functional units
- C. multiple functional units
- D. fault tolerant architecture
- E. on-chipset associate cache
- F. floating point multiply and add units
- G. hardware Fibonacci sequence generators

**Answer: CEF**

12. The rp8420 is experiencing a high CPU load factor because of the many applications that are running there. Whereas, there is unused CPU capacity on the rx8620, in part due to the superior CPU performance of the Itanium CPU. What is the best solution for this problem?

- A. Move some of the application binaries from the busy machine to the less busy machine to improve load balancing.
- B. Recompile some of the customer's applications from the PA-RISC environment, so that they can execute natively on the Itanium platform, with increased performance.
- C. Run the PA-RISC binary unmodified on the Itanium server -- using the Aries translator capability, which is incorporated into HP-UX on Itanium.
- D. NFS mount some of the PA-RISC applications and execute them on the Itanium machine.

**Answer: B**

13. Management purchases an Integrity Superdome to replace two rp8420 servers. There is available CPU capacity and management decides to bring additional applications for execution on the Integrity Superdome. Given this scenario, which statement could be true?

- A. Some of the applications are Windows-based, that run alongside your HP-UX applications in a different soft partition of the Superdome.
- B. The Superdome may be on the verge of an I/O bottleneck, as the Superdome has fewer I/O slots per cell than the rp8420.
- C. Some of the applications are Windows-based, that run alongside your HP-UX applications in a different hard partition of the Superdome.
- D. Some of the applications are Linux-based, and Linux applications are not qualified to run on the Superdome.

**Answer: C**

14. What are three design features of HP9000 servers? Select THREE.

- A. programmable I/O
- B. no single point of failure
- C. Direct Memory Access I/O
- D. scalable to 64 or more CPUs
- E. cache coherent memory access
- F. requires tradeoff between CPU and I/O slots

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G. allows mixing of Itanium and PA-RISC within a single chassis

**Answer: CDE**

15. Which statements describe hard partitions in HP mid-range or high end servers? Select THREE.

- A. Hard partitions can share boot disks.
- B. Separate hard partitions can share a cell board.
- C. Hard partitions can be sized to include one or more cell boards.
- D. Hard partitions cannot communicate directly through the backplane.
- E. Hard partitions are implemented using a crossbar backplane.
- F. Separate hard partitions can communicate directly through the backplane by means of a special network called worm holes.

**Answer: CDE**

16. Which statements describe the characteristics of the HP PCI I/O implementation? Select TWO.

- A. It always uses a 5.0 volt slot.
- B. Turbo slots provide full PCI bandwidth to a single PCI card.
- C. All servers provide a maximum of three PCI slots per CPU.
- D. It is able to multiplex several PCI slots onto a single PCI bus.
- E. Core I/O card provides basic connectivity of SCSI boot disks, management port, and general purpose network connections.

**Answer: BE**

17. Which statements describe SCSI interfaces on the core I/O of a non cell-based server? Select TWO.

- A. Boot drives reside on separate SCSI busses, typically SCSI-160.
- B. Boot drives reside on one common SCSI bus, typically SCSI-160. C. Only SE SCSI devices can be connected to an external SCSI port.
- D. A SE SCSI or LVD device can be connected to the external SCSI port.

**Answer: AD**

18. From your workstation, you can login as root using telnet. How do you fix this security gap?

- A. delete all /dev/ptys not owned by root
- B. chown all /dev/ptys to be owned by root
- C. create /etc/console and add the entry localhost
- D. create /etc/securetty and add the entry console

**Answer: D**

19. Which command lists all the system hardware belonging to the class disk device?

- A. ioscan -C disk
- B. ioscan -t scsi
- C. buscan -C disk
- D. buscan -t scsi

**Answer: A**

20. Which command lists all groups your current user id belongs to?

- A. w
- B. id
- C. whoami
- D. who -id

**Answer: B**