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Certification Study Guide



Sun

Demo

310-014 Solaris 9 System Administration I

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QUESTION 1

You want to see the Power On Self Test (POST) information as a Solaris 9 machine boots up. What should you do?

- A. Bring the machine to the ok prompt, then type the boot -a command.
- B. Bring the machine to the ok prompt, then type the reset-all command.
- C. Attach a terminal device to serial port A with a null modem cable and turn the machine on.
- D. With a graphic console and keyboard attached, turn the machine on, then press the Ctrl-Alt-Backspace key.

Answer: C

Explanation: When a Solaris machine boots it first check for the existence of a keyboard. If no keyboard is found then output from the boot process is sent to the serial cable. If a dumb terminal screen or PC using HyperTerminal is attached to the serial port then the output will be displayed on the screen.

QUESTION 2

Which three are characteristics of the procfs file system type? (Choose three)

- A. The process directories are globally readable.
- B. File ownership is determined by the credentials of the process.
- C. It contains reference by file names to the opened files of the process.
- D. It contains a decimal number directory entry corresponding to a process ID.
- E. Each process ID named directory has files that contain more detailed information about the process.

Answer: B, C, E

Explanation: The procfs File System (/proc) is used by the system to maintain a list of all the active processes by process ID number. The sub-directories of /proc are not globally readable with file ownership determined by process.

QUESTION 3

You have completed a full ufsrestore of the /(root) file system. What is the impact of not removing the /restoresymtable?

- A. It would slow down directory lookups.
- B. It would take up disk space unnecessarily.
- C. It would corrupt subsequent uses of ufsrestore.
- D. There is no impact. It is linked only to the restore that created it and will automatically be deleted.

Answer: B

Explanation: The purpose of the file is to map inodes on the backed up file system on tape with filenames on the new file system on disk. Once the restore is complete it has no function.

QUESTION 4

Given the following actions:

- All local file systems mount.
- Default routers are configured.
- Most of the system daemons start.
- Files in the /tmp directory are removed.
- System accounting is configured.

Which run control script causes these actions to occur?

- A. /sbin/rc1
- B. /sbin/rc2
- C. /sbin/rc3
- D. /sbin/rc5
- E. /sbin/rc6
- F. /sbin/rcS

Answer: B

Explanation: Run levels S and 1 and are same - single user. Run level 5 is shutdown and power off the machine. Run level 2 is multi-user without NFS daemons started and run level 3 is the same as run level 2 with NFS daemons started.

QUESTION 5

Your system has no printer configuration in place, but is configured to communicate with all other systems on your network. Which command should you use to send a file called file1 to a print queue called printer1 located on a print server called server1?

- A. lp file1 server1:printer1
- B. lp -d server1 printer 1 file1
- C. lp -d server1:printer1 file1
- D. lp file1 -d printer1:server1

Answer: C

Explanation: The syntax for the lp command is printer to print to and file(s) to print.
If the printer is located on another server then the server name has to be specified (server1:)

QUESTION 6

Given the patch:

111021-01 .zip

Which command should you use first in a series of steps to install the patch?

- A. patchadd 111021-01
- B. unzip 111021-01.zip
- C. zip -U 111021-01.zip
- D. uncompress 111021-01.zip

Answer: B

Explanation: As the patch is compressed in the zip format the unzip command must first be used to unzip the file. Once unzipped use the patchadd command.

QUESTION 7

Given the /etc/dumpdates file entry:

```
/dev/rdisk/c0t0d0s7    0 Fri May 10:23:59:59 2002
/dev/rdisk/c0t0d0s7    2 Fri May 17 23:59:59 2002
/dev/rdisk/c0t0d0s7    5 Fri May 24 23:59:59 2002
/dev/rdisk/c0t0d0s7    9 Fri May 31 23:59:59 2002
```

You want to back up all the files that have been modified or created since May 18. Which level must you supply to the ufsdump command to achieve this?

- A. level 9
- B. level 2
- C. level 4
- D. level 6

Answer: C

Explanation: The backup will process files created or changed after the level 2 dump on May 17th and before the level 5 dump on May 24th.

QUESTION 8

You have identified three files in the /export file system that appear to be identical. You know the inode number used by one of the files. Which two commands provide information that would verify that these files are hard linked? (Choose two)

- A. cat
- B. ls -lir /export
- C. ls -lar /export
- D. find /export -inum <inode_number>
- E. find /export -inode <inode_number>

Answer: B, D

Explanation: The -i flag to the ls command is for inode. The inode is the first column of numbers against each

file.

eg: 33035 -rw-r--r-- 1 root other 0 May 20 10:55 data4

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