

Linux Professional Institute (LPI) Level 1 Exam 102 (RPM)

1

Runlevels are configured _____.

- A. in the kernel.
- B. in /etc/inittab.
- C. in /etc/runlevels.
- D. using the rl command.
- E. in rc.sysinit or rc.local.

2

Upon booting one of your Linux boxes, you notice a message scrolling by that does not look right, but it goes by so fast, you do not have a chance to read it. What command could you use to view that message after the boot process completes?

Answer: _____

3

Which of the following commands can be used to view kernel messages?

- A. **less** dmesg
- B. X is launched with the user's window manager of choice.
- C. The X server shuts down and the user is given a shell prompt.
- D. The display manager prompts the user for a login name and password.
- E. X is launched and the user is prevented from using the virtual consoles.

4

Most Linux distributions provide an X11 runlevel. What happens after switching to this runlevel?

- A. X may be started by typing startx.
- B. X is launched with the user's window manager of choice.
- C. The X server shuts down and the user is given a shell prompt.
- D. The display manager prompts the user for a login name and password.
- E. X is launched and the user is prevented from using the virtual consoles.

5

What command will allow you to see all of your environment variables?

- A. **echo** \$*
- B. **env**
- C. **which**
- D. **export**

6

You created a shell script, tested it, and it performed flawlessly run from a command line (**.myscript**). Then you set it to run from **cron** as root during the night. In the morning you check your mail and the script results contained only errors, mostly: "No such file or directory". What do you need to do to correct this?

- A. change the time of execution in cron, files are not available while a backup program is running
- B. make sure all filesystems are mounted by putting a `mount -a` command as the first line of the script
- C. the script is owned by you and must be chown'd to root so root can run it
- D. include the line **PATH=/bin:/usr/bin:/usr/local/bin; export PATH** as one of the first lines of the script
- E. have **cron** send you a reminder to run the script manually because this script cannot be run by **cron**

7

What command would execute **cmd2** only if **cmd1** was successful?

- A. `cmd1 cmd2`
- B. `cmd1 | cmd2`
- C. `cmd1 ; cmd2`
- D. `cmd1 || cmd2`
- E. `cmd1 && cmd2`

8

The very first line of a shell script should always contain what two characters at the beginning of the line?

Answer:

9

What command prints available functions?

- A. **declare -f**
- B. **set**
- C. **typeset**
- D. **function()**

10

You find you execute a series of commands on a recurring basis. You want this series of commands available from your login to run in the current shell. Choose the best solution:

- A. create a shell program
- B. create a function
- C. use the up arrow in BASH to find the command
- D. use BASH's built-in **!** function to run the last iteration of the command by the same name