

一、选择题

01. B
02. D
03. D
04. df
05. nice
06. C
07. C
08. B
09. head
10. E
11. E
12. B
13. env
14. C
15. B
16. BCDE
17. A
18. A
19. E
20. C
21. D
22. ACD
23. E
24. AD
25. HOME
26. BC
27. B
28. D
29. D
30. pstree
31. D
32. D
33. D
34. E
35. B
36. B

二、简答题

1. If you use shell script to setup some environment variables, How should you run this shell script? Why?

. script 或者 source script

因为这种方式，是在当前 shell 中执行脚本，这样对环境变量的修改才可以保留到当前 shell 中。

2. Write the commands to finish the following tasks.

- 1) show the number of subdirectories in the working directory
- 2) show the number of processes in the system
- 3) show the number of users currently logged in the system
- 4) find all files named “.hushlogin” and delete them.
- 5) display the current system time and date

- 1) `ls -l | grep '^d' | wc -l`
- 2) `ps aux | wc -l` 或者 `ps -ef | wc -l`
- 3) `who | wc -l` 或者 `finger | wc -l`
- 4) `find / -name '.hushlogin' -exec rm {} \;`
- 5) `date`

3. Which keystroke sequence can be used, in bash, to interrupt a foreground process and usually terminate it? Which keystroke sequence can be used to suspend a process in the shell to the background so it may be restarted at a later time?

- 1) Ctrl-c
- 2) Ctrl-z

4. Translate the following command into your native language:

```
ls -l | grep "^-" | egrep "html$|htm$" | wc -l
```

统计当前目录下文件名以 html 或 htm 结尾的普通文件的个数

5. How to run an executable program in the working directory regardless whether the working directory is in \$PATH. Why should we do it in this way?

`./program` 因为 Linux 缺省情况下不查找当前目录下的命令。