LPI

Exam Questions 101-500

LPIC-1 Exam 101 - Part 1 of 2 - version 5.0

NEW QUESTION 1
- (Exam Topic 1)
Which SysV init configuration file should be modified to disable the ctrl-alt-delete key combination?

A. /etc/keys
B. /proc/keys
C. /etc/inittab
D. /proc/inittab
E. /etc/reboot

Answer: C

NEW QUESTION 2
- (Exam Topic 1)
Which of the following information is stored within the BIOS? (Choose TWO correct answers.)

A. Boot device order
B. Linux kernel version
C. Timezone
D. Hardware configuration
E. The system's hostname

Answer: AD

NEW QUESTION 3
- (Exam Topic 1)
Which of the following kernel parameters instructs the kernel to suppress most boot messages?

A. silent
B. verbose=0
C. nomesg
D. quiet

Answer: D

NEW QUESTION 4
- (Exam Topic 1)
The USB device filesystem can be found under /proc/_____/usb/. (Please fill in the blank with the single word only)

Solution:
bus

Does this meet the goal?

A. Yes
B. No

Answer: A

NEW QUESTION 5
- (Exam Topic 3)
Which of the following commands can be used to create a USB storage media from a disk image?

A. gdisk
B. dd
C. cc
D. fdisk
E. mount

Answer: B

NEW QUESTION 6
- (Exam Topic 3)
Which command is used in a Linux environment to create a new directory? (Specify ONLY the command without any path or parameters.)

Solution:
mkdir, /usr/bin/mkdir

Does this meet the goal?

A. Yes
B. No

Answer: A

NEW QUESTION 7
- (Exam Topic 3)
What does the + symbol mean in the following grep regular expression: grep '^d[aei]\+d$' /usr/share/dict/words

A. Match the preceding character set ([aei]) one or more times.
B. Match the preceding character set ([aei]) zero or more times.
C. Match the preceding character set ([aei]) zero or one times.
D. Match a literal + symbol.

Answer: A

NEW QUESTION 8
- (Exam Topic 4)
Which of the following commands will produce the following output?

```
USER   PID  %CPU %MEM VSZ   RSS   TTY    STAT  START  TIME   COMMAND

root   1255 4.4  0.9  60716 34824 tty7   Ss+   09:25  19:04  /usr/bin/X :0 -
root   2016 0.0  0.0  1792  560   tty1   Ss+   09:26  0:00   /sbin/getty -8
matt   5204 0.0  0.1  6320  3696  pts/4  Ss    13:12  0:00   bash
matt   5219 0.0  0.0  3988  1624  pts/4  S+    13:12  0:00   man bash
matt   5229 0.0  0.0  3584  932   pts/4  S+    13:12  0:00   pager -s
matt   6768 0.0  0.1  10504 3880  pts/2  S+    15:11  0:00   vi README.txt
```

A. jobs
B. proclist
C. netstat
D. ps

Answer: D

NEW QUESTION 9
- (Exam Topic 4)
Which of the following commands is used to change metadata and options for ext3 filesystems?

A. mod3fs
B. tune3fs
C. mod2fs
D. tune2fs
E. dump2fs

Answer: D

NEW QUESTION 10
- (Exam Topic 4)
Which of the following commands can be used to locate programs and their corresponding man pages and configuration files?

A. dirname
B. which
C. basename
D. query
E. whereis

Answer: E

NEW QUESTION 11
- (Exam Topic 4)
Creating a hard link to an ordinary file returns an error. What could be the reason for this?

A. The source file is hidden.
B. The source file is read-only.
C. The source file is a shell script.
D. The source file is already a hard link.
E. The source and the target are on different filesystems.

Answer: E

NEW QUESTION 12
- (Exam Topic 4)
When using regular expressions, which of the following characters match the beginning of a line?

A. ^
B. ?
C. *
D. +
E. $

Answer: A

NEW QUESTION 13
- (Exam Topic 4)
Which program updates the database that is used by the locate command?

Solution:
updatedb

Does this meet the goal?

A. Yes
B. No

Answer: A

NEW QUESTION 14
- (Exam Topic 4)
Which of the following are filesystems which can be used on Linux root partitions? (Choose two.)

A. NTFS
B. ext3
C. XFS
D. VFAT
E. swap

Answer: BE

NEW QUESTION 15
- (Exam Topic 4)
Which option to the tee command will cause the output to be concatenated on the end of the output file instead of overwriting the existing file contents?

A. –a
B. –c
C. --no-clobber
D. --continue

Answer: A

NEW QUESTION 16
- (Exam Topic 5)
When considering the use of hard links, what are valid reasons not to use hard links?

A. Hard links are not available on all Linux systems because traditional filesystems, such as ext4, do not support them
B. Each hard link has individual ownership, permissions and ACLs which can lead to unintended disclosure of file content
C. Hard links are specific to one filesystem and cannot point to files on another filesystem
D. If users other than root should be able to create hard links, suln has to be installed and configured
E. When a hard linked file is changed, a copy of the file is created and consumes additional space

Answer: A

NEW QUESTION 17
- (Exam Topic 5)
Which of the following commands displays the path to the executable file that would be executed when the command foo is invoked?

A. lsattr foo
B. apropos foo
C. locate foo
D. whatis foo
E. which foo

Answer: A

NEW QUESTION 18
- (Exam Topic 5)
Which of the following commands installs all packages with a name ending with the string foo?

A. zypper get "*foo"
B. zypper update "foo?"
C. zypper force "foo*"
D. zypper install "*foo"
E. zypper add ".*foo"

Answer: D

NEW QUESTION 19
- (Exam Topic 5)
Which is the default percentage of reserved space for the root user on new ext4 filesystems?

A. 10%
B. 3%
C. 15%
D. 0%
E. 5%

Answer: E

NEW QUESTION 20
- (Exam Topic 5)
Which of the following commands displays the output of the foo command on the screen and also writes it to a file called /tmp/foodata?

A. foo | less /tmp/foodata
B. foo | cp /tmp/foodata
C. foo > /tmp/foodata
D. foo | tee /tmp/foodata
E. foo > stdout >> /tmp/foodata

Answer: D

NEW QUESTION 21
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