Lpi.010-160.v2026-10-13.q63

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NEW QUESTION: 1
What are the three sets of permissions for a file?
A. administrator, standard user, others
B. user, standard user, others
C. administrator, group, others
D. user, group, others
Answer: (SHOW ANSWER)

NEW QUESTION: 2
The following line is found in which system file?
root:x:0:0::/root:/bin/bash
A. /usr/bin/shadow
B. /etc/passwd
C. /etc/password
D. /etc/shadow
E. /etc/user.conf
Answer: (SHOW ANSWER)

NEW QUESTION: 3
How can the current directory and its subdirectories be searched for the file named MyFile.xml?
A. search Myfile.xml ./
B. find . -name MyFile.xml
C. grep -r MyFile.xml .
D. grep MyFile.xml | find
E. less MyFile.xml
Answer: (SHOW ANSWER)

NEW QUESTION: 4
Which of the following commands extracts the contents of the compressed archive file1.tar.gz?
A. tar -xzf file1.tar.gz
B. ztar file1.tar.gz
C. tar --extract file1.tar.gz
D. tar -czf file1.tar.gz
E. detar file1.tar.gz
Answer: (SHOW ANSWER)

NEW QUESTION: 5
Which command displays disk space usage for mounted filesystems?
A. `df -h`
B. `du -sh`
C. `lsblk`
D. `free -h`
Answer: (SHOW ANSWER)

NEW QUESTION: 6
What is true about the owner of a file?
A. Each file is owned by exactly one user and one group.
B. The user owning a file must be a member of the file's group.
C. The owner of a file always has full permissions when accessing the file.
D. When a user is deleted, all files owned by the user disappear.
E. The owner of a file cannot be changed once it is assigned to an owner.
Answer: (SHOW ANSWER)

NEW QUESTION: 7
Which one of the following statements concerning Linux passwords is true?
A. Passwords may be at most six characters long.
B. Passwords may never start with a non-letter.
C. Passwords are only stored in hashed form.
D. All passwords can be decrypted using the system administrator's master password.
E. Users cannot change their password once it has been set.
Answer: (SHOW ANSWER)

NEW QUESTION: 8
What is true about a recursive directory listing?
A. It includes the content of sub-directories.
B. It includes a preview of content for each file in the directory.
C. It includes details of file system internals, such as inodes.
D. It includes the permissions of the directory listed.

E. It includes ownership information for the files.
Answer: (SHOW ANSWER)

NEW QUESTION: 9
In a shell script, which construct is used for a conditional loop that repeats while a condition is true?
A. `while`
B. `if`
C. `for`
D. `case`
Answer: (SHOW ANSWER)

NEW QUESTION: 10
FILL BLANK
When typing a long command line at the shell, what single character can be used to split a command across multiple lines?
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Answer:
\

NEW QUESTION: 11
In `chmod 754 file.txt`, what permissions does the group have?
A. Write only
B. Read, execute
C. No permissions
D. Read, write, execute
Answer: (SHOW ANSWER)

NEW QUESTION: 12
Which files are the source of the information in the following output? (Choose two.) uid=1000 (bob) gid=1000 (bob) groups=1000 (bob), 10 (wheel), 150 (wireshark), 989 (docker), 1001 (libvirt)
A. /home/index
B. /etc/passwd
C. /var/db/users
D. /etc/group
E. /etc/id
Answer: (SHOW ANSWER)

NEW QUESTION: 13
Which of the following statements may be used to access the second command line argument to a script?
A. "$1"

B. '$2'
C. "$ARG2"
D. "$2"
E. $1
Answer: (SHOW ANSWER)

NEW QUESTION: 14
Which of the following commands puts the lines of the file data.csv into alphabetical order?
A. grep --sort data.csv
B. a..z data.csv
C. wc -s data.csv
D. sort data.csv
E. abc data.csv
Answer: (SHOW ANSWER)

NEW QUESTION: 15
Which license best describes the GPL's core philosophy?
A. Prohibits commercial use entirely
B. Requires derivative works to remain open source ("copyleft")
C. Places software in the public domain
D. Permits proprietary derivative works without source disclosure
Answer: (SHOW ANSWER)

NEW QUESTION: 16
Given the following directory permissions:
drwxrwxrwt 14 root root 36864 2012-03-02 11:17 /tmp
What does the letter t at the end of drwxrwxrwt indicate?
A. It is the sticky bit that causes all commands in this directory to be launched as root.
B. It makes the directory accessible for everybody.
C. It means that even though the directory is globally writable only the owner can delete their own files.
D. It is a temporary bit that prevents launching commands in this directory.
E. It indicates that this directory contains only temporary files that may be deleted.
Answer: (SHOW ANSWER)

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NEW QUESTION: 17
Which command displays file names only and no additional information?
A. ls -nl
B. ls -l
C. ls -lh
D. ls -alh
E. ls -a
Answer: E (LEAVE A REPLY)

NEW QUESTION: 18
Which of the following directories containsinformation, documentation and example configuration files for installed software packages?
A. /etc/defaults/
B. /usr/share/doc/
C. /var/info/
D. /usr/examples/
E. /doc/
Answer: (SHOW ANSWER)

NEW QUESTION: 19
Which of the following commands creates the ZIP archive poems.zip containing all files in the current directory whose names end in .txt?
A. zip poems.zip *.txt
B. zip cfz poems.zip *.txt
C. cat *.txt | zip poems.zip
D. zcat *.txt poems.zip
E. zip *.txt > poems.zip
Answer: (SHOW ANSWER)

NEW QUESTION: 20
Which command changes the owner of `file.txt` to user `alice`?
A. `chmod alice file.txt`
B. `passwd alice file.txt`
C. `chown alice file.txt`
D. `usermod alice file.txt`
Answer: (SHOW ANSWER)

NEW QUESTION: 21

FILL BLANK
What command displays manual pages? (Specify ONLY the command without any path or parameters.)
Answer:
man

NEW QUESTION: 22
Which shell variable holds the exit status of the last executed command?
A. `$?`
B. `$#`
C. `$!`
D. `$0`
Answer: (SHOW ANSWER)

NEW QUESTION: 23
Which ofthe following commands creates an archive filework.tarfrom the contents of the directory./ work/?
A. tar work > work.tar
B. tar work.tar < ./work/
C. tar -cf work.tar ./work/
D. tar --new work.tar ./work/
E. tar -create work.tgz -content ./work/
Answer: C (LEAVE A REPLY)

NEW QUESTION: 24
Where is the operating system of a Raspberry Pi stored?
A. On rewritable flash storage which is built into the Raspberry Pi.
B. On a read only partition on the Raspberry Pi's firmware, next to the BIOS.
C. On a Linux extension module connected to the Raspberry Pi's GPIO pins.
D. On the master device attached to the Raspberry Pi's IDE bus.
E. On a removable SD cardwhich is put into the Raspberry Pi.
Answer: (SHOW ANSWER)

NEW QUESTION: 25
FILL BLANK
What two character sequence is present at the beginning of an interpreted script? (Please specify the TWO correct characters only)
Answer:
#!

NEW QUESTION: 26

Which of the following is a protocol used for automatic IP address configuration?
A. DHCP
B. DNS
C. LDAP
D. SMTP
E. NFS
Answer: (SHOW ANSWER)

NEW QUESTION: 27
Most commands on Linux can display information on their usage. How can this information typically be displayed?
A. By running the command with the option ?! or ?=!.
B. By running the command with the option -m or --manpage.
C. By running the command with the option /doc or /documentation.
D. By running the command with the option -h or --help.
E. By running the command with the option /? or /??.
Answer: (SHOW ANSWER)

NEW QUESTION: 28
How is a new Linux computing instance provisioned in an IaaS cloud?
A. The cloud hosting organization provides a set of pre-prepared images of popular Linux distributions.
B. After buying a Linux distribution, its vendor delivers it to a cloud instance.
C. A provider-specific configuration file describing the desired installation is uploaded to the cloud provider.
D. The installation has to be prepared in a local virtual machine which is then copied to the cloud.
E. The standard Linux installer has to be run through a remote console.
Answer: (SHOW ANSWER)

NEW QUESTION: 29
Which of the following commands sets the variable USERNAME to the value bob?
A. USERNAME=bob
B. var USERNAME=bob
C. $USERNAME==bob
D. USERNAME<=bob
E. set USERNAME bob
Answer: (SHOW ANSWER)

NEW QUESTION: 30
Which command copies the contents of the directory /etc/, including all sub-directories, to /root/?
A. cp -r /etc/* /root

B. rcp /etc/* /root
C. cp -R /etc/*.* /root
D. cp -v /etc/* /root
E. copy /etc /root
Answer: (SHOW ANSWER)

NEW QUESTION: 31
Which permissions are set on a regular file once the permissions have been modified with the command chmod 654 file.txt?
A. -wxr-x--x
B. -rw-r-xr--
C. d-wxr-x--
D. drw-r-xr--
E. -rwxrw---x
Answer: (SHOW ANSWER)

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NEW QUESTION: 32
Which file stores hashed user passwords on a modern Linux system?
A. `/etc/passwd`
B. `/etc/shadow`
C. `/etc/sudoers`
D. `/etc/group`
Answer: (SHOW ANSWER)

NEW QUESTION: 33
Which of the followingtaroptions handle compression? (Choose twocorrect answers.)
A. -z2
B. -g
C. -j
D. -bz
E. -z
Answer: (SHOW ANSWER)

NEW QUESTION: 34
Which of the following commands output the content of the file Texts 2.txt? (Choose two.)
A. cat -- Texts 2.txt
B. cat Texts\ 2.txt
C. cat 'Texts 2.txt'
D. cat 'Texts\ 2.txt'
E. cat |Texts 2.txt|
Answer: (SHOW ANSWER)

NEW QUESTION: 35
What information can be displayed bytop?
A. User accounts, ordered by the number of logins.
B. User accounts, ordered by the number of files.
C. Running processes, ordered by CPU orRAM consumption.
D. Existing files, ordered by their size.
E. User groups, ordered by the number of members.
Answer: (SHOW ANSWER)

NEW QUESTION: 36
Which of the following commands are used to get information on the proper use of ls? (Choose two correct answers.)
A. info ls
B. usage ls
C. manual ls
D. option ls
E. man ls
Answer: (SHOW ANSWER)

NEW QUESTION: 37
Which of the followingoutputs could stem from the commandlast?
A. EXT4-fs (dm-7): mounted filesystem with ordered data mode. Opts: (null)
B. root tty2 Wed May 17 21:11 - 21:11 (00:00)
C. Last login: Fri Mar 23 10:56:39 2018 from server.example.com
D. Password for user last changed at Sat Mar 31 16:38:57 EST 2018
E. 1 ls
2 cat text.txt
3 logout
Answer: (SHOW ANSWER)

NEW QUESTION: 38

Which command displays currently running processes in real time with resource usage?
A. `ls -l /proc`
B. `ps aux`
C. `jobs`
D. `top`
Answer: (SHOW ANSWER)

NEW QUESTION: 39
Why are web browser cookies considered dangerous?
A. Cookies support identification and tracking of users.
B. Cookies are always public and accessible to anyone on the internet.
C. Cookies can contain and execute viruses and malware.
D. Cookies store critical data which is lost when a cookie is deleted.
E. Cookies consume significant amounts of storage and can exhaust disk space.
Answer: (SHOW ANSWER)

NEW QUESTION: 40
Which one of the following statements concerning Linux passwords is true?
A. Passwords are only stored in encrypted form.
B. Passwords may be at most six characters long.
C. Users cannot change their password once it has been set.
D. All passwords can be decrypted using the system administrator's master password.
E. Passwords may never start with a non-letter.
Answer: (SHOW ANSWER)

NEW QUESTION: 41
Which package management command installs a package on a Debian-based system?
A. `yum install package`
B. `apt install package`
C. `rpm -i package.rpm`
D. `dnf install package`
Answer: (SHOW ANSWER)

NEW QUESTION: 42
When a new user is added, where does the user ID get stored?
A. /etc/shpasswd
B. /etc/pass
C. /etc/realm
D. /etc/passwd
E. /etc/users
Answer: (SHOW ANSWER)

NEW QUESTION: 43
What is a Linux distribution?
A. A set of changes to Linux which enable Linux to run on another processor architecture.
B. An operating system based on Linux but incompatible to the regular Linux kernel.
C. A bundling of the Linux kernel, system utilities and other software.
D. The Linux file system as seen from the root account after mounting all file systems.
E. The set of rules which governs the distributionof Linux kernel source code.
Answer: (SHOW ANSWER)

NEW QUESTION: 44
Which of the following is a requirement of the GPL license but not the BSD license?
A. The GPL license requires that any legal disputes be settled with the mediation of the Free Software Foundation.
B. The GPL license forbids the removal of copyright and license notices from source code files that are distributed.
C. The GPL license contains a disclaimer of warranty requiring users not to hold the software authors liable for any damages.
D. Users who modify and distribute the software under the GPL license, must make the modifications they made, available to the recipients under the same license.
Answer: (SHOW ANSWER)

NEW QUESTION: 45
Which of the following Linux Distributions is derived from Red Hat Enterprise Linux?
A. Ubuntu
B. CentOS
C. Raspbian
D. openSUSE
E. Debian
Answer: (SHOW ANSWER)

NEW QUESTION: 46
A new server needs to be installed to host services for a period of several years. Throughout this time, the server should receive important security updates from its Linux distribution.
Which of the following Linux distributions meet these requirements? (Choose two.)
A. Fedora Linux
B. Red Hat Enterprise Linux
C. Ubuntu Linux non-LTS
D. Debian GNU/Linux Unstable
E. Ubuntu Linux LTS
Answer: (SHOW ANSWER)

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NEW QUESTION: 47
What is the preferred source for the installation of new applications in a Linux based operating system?
A. The vendor's version management system
B. The distribution's package repository
C. A retail store
D. The vendor's website
E. A CD-ROM disk
Answer: (SHOW ANSWER)

NEW QUESTION: 48
Which of the following devices represents a hard disk partition?
A. /dev/sda2
B. /dev/part0
C. /dev/sata0
D. /dev/ttyS0
E. /dev/sda/p2
Answer: (SHOW ANSWER)

NEW QUESTION: 49
Which command adds a new user account on most Linux distributions?
A. `groupadd`
B. `useradd`
C. `userdel`
D. `usermod`
Answer: (SHOW ANSWER)

NEW QUESTION: 50
Which of the following commands sorts the output of the commandexport-logs?
A. export-logs > sort
B. export-logs & sort

C. export-logs < sort
D. export-logs | sort
E. export-logs <> sort
Answer: (SHOW ANSWER)

NEW QUESTION: 51
What is the primary purpose of a firewall in a basic Linux security context?
A. Manage user authentication
B. Filter network traffic based on rules
C. Encrypt data at rest
D. Compress log files
Answer: (SHOW ANSWER)

NEW QUESTION: 52
What is defined by a Free Softwarelicense?
A. The programming languages which may be used to extend the licensed program.
B. A complete list of libraries required to compile the licensed software.
C. Conditions for modifying and distributing the licensed software.
D. Details of the technical documentation each contributor has to provide.
E. Limits on the purposes for which the licensed software may be used.
Answer: (SHOW ANSWER)

NEW QUESTION: 53
Which of the following is a protocol used for automatic IP address configuration?
A. DHCP
B. NFS
C. SMTP
D. LDAP
E. DNS
Answer: (SHOW ANSWER)

NEW QUESTION: 54
What is true about links in a Linux file system?
A. When the target of the symbolic link is moved, the link is automatically updated.
B. A hard link can only point to a directory and never to a file.
C. A symbolic link can only point to a file and not to a directory.
D. Only the root user can create hard links.
E. A symbolic link can point to a file on another file system.
Answer: (SHOW ANSWER)

NEW QUESTION: 55

Which of the following DNS record types hold an IP address? (Choose two.)
A. AAAA
B. MX
C. A
D. NS
E. CNAME
Answer: (SHOW ANSWER)

NEW QUESTION: 56
Which of the following commands can be used to resolve a DNSname to an IP address?
A. dns
B. dnsname
C. host
D. iplookup
E. query
Answer: (SHOW ANSWER)

NEW QUESTION: 57
Which of the following values could be a process ID on Linux?
A. /bin/bash
B. fff3
C. 21398
D. /sys/pid/9a14
E. 60b503cd-019e-4300-a7be-922f074ef5ce
Answer: (SHOW ANSWER)

NEW QUESTION: 58
Which command adds the new usertuxand creates the user's home directory with default configuration files?
A. useradd -o default tux
B. useradd -m tux
C. passwd -a tux
D. usercreate tux
E. defaultuser tux
Answer: (SHOW ANSWER)

NEW QUESTION: 59
What information is stored in /etc/passwd? (Choose three correct answers.)
A. The user\s default shell
B. The username
C. The numerical user ID

D. The encrypted password
E. The user's storage space limit
Answer: (SHOW ANSWER)

NEW QUESTION: 60
FILL BLANK
What parameter of ls prints a recursive listing of a directory's content? (Specify ONLY the option name without any values or parameters.)
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Answer:
ls -R

NEW QUESTION: 61
What is the output of the following command?
for token in a b c; do
echo -n ${token};
done
A. anbncn
B. $token$token$token
C. abc
D. {a}{b}{c}
E. a b c
Answer: (SHOW ANSWER)

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NEW QUESTION: 62
Which command displays the manual page for `ls` in section 1?
A. `help ls`
B. `ls --man`
C. `man 1 ls`
D. `info -s1 ls`
Answer: (SHOW ANSWER)

NEW QUESTION: 63

Which command displays the list of groups to which a user belongs?

A. id

B. lsgroup

C. who

D. whoami

Answer: A (LEAVE A REPLY)

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