Exam Questions 010-160

Linux Essentials Certificate Exam - version 1.6

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NEW QUESTION 1
What is defined by a Free Software license?

A. Details of the technical documentation each contributor has to provide.
B. The programming languages which may be used to extend the licensed program.
C. A complete list of libraries required to compile the licensed software.
D. Limits on the purposes for which the licensed software may be used.
E. Conditions for modifying and distributing the licensed software.

Answer: E

NEW QUESTION 2
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 ?! or ?=!.
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 -m or --manpage.

Answer: E

NEW QUESTION 3
A directory contains the following three files:
texts 1.txt
texts 2.txt
texts 3.csv
Which command copies the two files ending in .txt to the /tmp/ directory?

A. cp ??.txt /tmp/
B. cp *.txt /tmp/
C. c
D. \.txt /tmp/
E. cp ?.txt /tmp/
F. cp $?.txt /tmp/

Answer: B

NEW QUESTION 4
What are the differences between hard disk drives and solid state disks? (Choose two correct answers.)

A. Hard disks have a motor and moving parts, solid state disks do not.
B. Hard disks can fail due to physical damage, while solid state disks cannot fail.
C. Solid state disks can store many times as much data as hard disk drives.
D. /dev/sda is a hard disk device while /dev/ssda is a solid state disk.
E. Solid state disks provide faster access to stored data than hard disks.

Answer: AE

NEW QUESTION 5
What are the differences between a private web browser window and a regular web browser window? (Choose three.)

A. Private web browser windows do not allow printing or storing websites.
B. Private web browser windows do not store cookies persistently.
C. Private web browser windows do not support logins into websites.
D. Private web browser windows do not keep records in the browser history.
E. Private web browser windows do not send regular stored cookies.

Answer: BDE

NEW QUESTION 6
Which of the following statements regarding Linux hardware drivers is correct?

A. Drivers are regular Linux programs which have to be run by the user who wants to use a device.
B. Drivers are not used by Linux because the BIOS handles all access to hardware on behalf of Linux.
C. Drivers are stored on their devices and are copied by the Linux kernel when a new device is attached
D. Drivers are downloaded from the vendor's driver repository when a new device is attached.
E. Drivers are either compiled into the Linux kernel or are loaded as kernel modules.

Answer: E

NEW QUESTION 7
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 (docker), 1001 (libvirt)(wireshark),989

A. /etc/id
B. /etc/passwd
C. /etc/group
D. /home/index
E. /var/db/users

Answer: BC

NEW QUESTION 8
What parameter of ls prints a recursive listing of a directory's content? (Specify ONLY the option name without any values or parameters.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
ls -R

NEW QUESTION 9
When typing a long command line at the shell, what single character can be used to split a command across multiple lines?

A. Mastered
B. Not Mastered

Answer: A

Explanation:
\

NEW QUESTION 10
Which permissions are set on a regular file once the permissions have been modified with the command chmod 654 file.txt?

A. drw-r-xr-
B. d—wxr-x-
C. –wxr-x--x
D. –rwxrw---x
E. -rw-r-xr-

Answer: E

NEW QUESTION 10
What is true about the owner of a file?

A. Each file is owned by exactly one user and one group.
B. The owner of a file always has full permissions when accessing the file.
C. The user owning a file must be a member of the file's group.
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: A

NEW QUESTION 14
FILL BLANK
What keyword is used in a shell script to begin a loop? (Specify one keyword only, without any additional information.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
for

NEW QUESTION 18
Which of the following commands can be used to resolve a DNS name to an IP address?

A. dnsname
B. dns
C. query
D. host
E. lplookup

Answer: D

NEW QUESTION 19
Reverse DNS assigns hostnames to IP addresses. How is the name of the IP address 198.51.100.165 stored on a DNS server?

A. In the A record for 165.100.51.198.ipv4.arpA.
B. In the PTR record for 165.100.51.198.in-addr.arpA.
C. In the RNAME record for 198-51-100-165.rev.arpA.
D. In the ARPA record for 165.100.51.198.rev.
E. In the REV record for arpA.in-addr.198.51.100.165.

Answer: B

NEW QUESTION 22
Which of the following commands creates an archive file work.tar from the contents of the directory ./ work/?

A. tar --new work.tar ./work/
B. tar –cf work.tar ./work/
C. tar –create work.tgz –content ./work/
D. tar work.tar < ./work/
E. tar work > work.tar

Answer: B

NEW QUESTION 24
Which of the following commands will search for the file foo.txt under the directory /home?

A. search /home –file foo.txt
B. search /home fo
C. txt
D. find /home – file foo.txt
E. find /home –name foo.txt
F. find /home foo.txt

Answer: D

NEW QUESTION 27
What information is stored in /etc/passwd? (Choose three correct answers.)

A. The user's storage space limit
B. The numerical user ID
C. The username
D. The encrypted password
E. The user\s default shell

Answer: BCD

NEW QUESTION 32
Where is the operating system of a Raspberry Pi stored?

A. On the master device attached to the Raspberry Pi's IDE bus.
B. On a read only partition on the Raspberry Pi's firmware, next to the BIOS.
C. On a removable SD card which is put into the Raspberry Pi.
D. On a Linux extension module connected to the Raspberry Pi's GPIO pins.
E. On rewritable flash storage which is built into the Raspberry Pi.

Answer: C

NEW QUESTION 35
Which of the following programs are web servers? (Choose two.)

A. Apache HTTPD
B. Postfix
C. Curl
D. Dovecot
E. NGINX

Answer: AE

NEW QUESTION 36
Which operator in a regular expression matches the preceding character either zero or one time?

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

Answer:

A

NEW QUESTION 38
Which of the following values could be a process ID on Linux?

A. /bin/bash
B. 60b503cd-019e-4300-a7be-922f074ef5ce
C. /sys/pid/9a14
D. fff3
E. 21398

Answer: E

NEW QUESTION 43
Which of the following directories contains information, documentation and example configuration files for installed software packages?

A. /usr/share/doc/
B. /etc/defaults/
C. /var/info/
D. /doc/
E. /usr/examples/

Answer: A

NEW QUESTION 47
How is a new Linux computing instance provisioned in an IaaS cloud?

A. The standard Linux installer has to be run through a remote console.
B. After buying a Linux distribution, its vendor delivers it to a cloud instance.
C. The installation has to be prepared in a local virtual machine which is then copied to the cloud.
D. The cloud hosting organization provides a set of pre-prepared images of popular Linux distributions.
E. A provider-specific configuration file describing the desired installation is uploaded to the cloud provider.

Answer: E

NEW QUESTION 52
Which package management tool is used in Red Hat-based Linux Systems?

A. portage
B. rpm
C. apt-get
D. dpkg
E. packagectl

Answer: B

NEW QUESTION 54
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 *.txt > poems.zip
B. zcat *.txt poems.zip
C. zip poems.zip *.txt
D. zip cfz poems.zip *.txt
E. cat *.txt | zip poems.zip

Answer: C

NEW QUESTION 58
Which of the following tasks can the command passwd accomplish? (Choose two.)

A. Change a user's username.
B. Change a user's password.
C. Create a new user account.
D. Create a new user group.
E. Lock a user account.

Answer: CE

NEW QUESTION 60
What is true about a recursive directory listing?

A. It includes the content of sub-directories.
B. It includes the permissions of the directory listed.
C. It includes details of file system internals, such as inodes.
D. It includes ownership information for the files.
E. It includes a preview of content for each file in the directory.

Answer: A

NEW QUESTION 64
The current directory contains the following file:
-rwxr-xr-x 1 root root 859688 Feb 7 08:15 test.sh
Given that the file is a valid shell script, how can this script be executed? (Choose two correct answers.)

A. run test.sh
B. ${test.sh}
C. cmd ./test.sh
D. ./test.sh
E. bash test.sh

Answer: DE

NEW QUESTION 68
What is a Linux distribution?

A. The Linux file system as seen from the root account after mounting all file systems.
B. A bundling of the Linux kernel, system utilities and other software.
C. The set of rules which governs the distribution of Linux kernel source code.
D. An operating system based on Linux but incompatible to the regular Linux kernel.
E. A set of changes to Linux which enable Linux to run on another processor architecture.

Answer: B

NEW QUESTION 71
Which of the following devices represents a hard disk partition?

A. /dev/ttyS0
B. /dev/sata0
C. /dev/part0
D. /dev/sda2
E. /dev/sda/p2

Answer: D

NEW QUESTION 76
Which of the following permissions are set on the /tmp/ directory?

A. rwxrwxrwt
B. ------rwX
C. rwSrw-rw
D. rwxrwS--
E. r-xr-X--t

Answer: A

NEW QUESTION 79
Which of the following commands are used to get information on the proper use of ls? (Choose two correct answers.)

A. option ls
B. usage ls
C. manual ls
D. man ls
E. info ls

Answer: DE

NEW QUESTION 80
Which of the following directories must be mounted with read and write access if it resides on its own dedicated file system?

A. /opt
B. /lib
C. /etc
D. /var
E. /usr

Answer: D

NEW QUESTION 84
What is the purpose of the PATH environment variable?

A. It allows the execution of commands without the need to know the location of the executable.
B. It increases security by preventing commands from running in certain locations.

C. It specifies the location of a user's home directory.
D. It indicates the location of the default shell to be used when a user logs in.
E. It contains the absolute path to the current directory.

Answer: A

NEW QUESTION 85
The current directory contains the following file:
-rw-r—r— 1 root exec 24551 Apr 2 12:36 test.sh
The file contains a valid shell script, but executing this file using ./test.sh leads to this error: bash: ./test.sh: Permission denied
What should be done in order to successfully execute the script?

A. The file's extension should be changed from .sh to .bin.
B. The execute bit should be set in the file's permissions.
C. The user executing the script should be added to the exec group.
D. The SetUID bit should be set in the file's permissions
E. The script should be run using #!./tes
F. sh instead of ./test.sh.

Answer: B

NEW QUESTION 86
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