Exam Questions 010-160

Linux Essentials Certificate Exam - version 1.6

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NEW QUESTION 1
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 2
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. A CD-ROM disk
C. The distribution's package repository
D. The vendor's website
E. A retail store

Answer: C

NEW QUESTION 3
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 4
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 5
Which of the following commands sorts the output of the command export-logs?

A. export-logs < sort
B. export-logs > sort
C. export-logs & sort
D. export-logs | sort
E. export-logs <> sort

Answer: D

NEW QUESTION 6
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 7
The ownership of the file doku.odt should be changed. The new owner is named tux. Which command accomplishes this change?

A. chmod u=tux doku.odt
B. newuser doku.odt tux
C. chown tux doku.odt
D. transfer tux: doku.odt
E. passwd doku.odt:tux

Answer: C

NEW QUESTION 8
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 9
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 consume significant amounts of storage and can exhaust disk space.
D. Cookies store critical data which is lost when a cookie is deleted.
E. Cookies can contain and execute viruses and malware.

Answer: A

NEW QUESTION 10
Which of the following tar options handle compression? (Choose two correct answers.)

A. -bz
B. -z
C. -g
D. -j
E. -z2

Answer: BD

NEW QUESTION 10
Which of the following commands puts the lines of the file data.csv into alphabetical order?

A. a..z data.csv
B. sort data.csv
C. abc data.csv
D. wc -s data.csv
E. grep --sort data.csv

Answer: B

NEW QUESTION 13
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 14
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 18
Which command copies the contents of the directory /etc/, including all sub-directories, to /root/?

A. copy /etc /root
B. cp -r /etc/* /root
C. cp -v /etc/* /root
D. rcp /etc/* /root

E. cp -R /etc/*.* /root

Answer: B

NEW QUESTION 20
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 22
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 25
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 28
What is the return value of a shell script after successful execution?

A. 1
B. -1
C. -255
D. 255

Answer: B

NEW QUESTION 30
Which of the following are typical services offered by public cloud providers? (Choose three correct answers.)

A. Platform as a Service(PaaS)
B. Infrastructure as a Service(IaaS)
C. Internet as a Service(IaaS)
D. Graphics as a Service (GaaS)
E. Software as a Service (SaaS)

Answer: ABE

NEW QUESTION 32
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 36
Which of the following Linux Distributions is derived from Red Hat Enterprise Linux?

A. Raspbian
B. openSUSE

C. Debian
D. Ubuntu
E. CentOS

Answer: E

NEW QUESTION 40
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 43
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 45
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 49
Which of the following commands adds the directory /new/dir/ to the PATH environment variable?

A. $PATH=/new/dir: $PATH
B. PATH=/new/dir: PATH
C. export PATH=/new/dir: PATH
D. export $PATH=/new/dir: $PATH
E. export PATH=/new/dir: $PATH

Answer: E

NEW QUESTION 52
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:
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NEW QUESTION 55
A user is currently in the directory /home/user/Downloads/ and runs the command ls ../Documents/
Assuming it exists, which directory's content is displayed?

A. /home/user/Documents/
B. /home/user/Documents/Downloads/
C. /home/user/Downloads/Documents/
D. /Documents/
E. /home/Documents

Answer: D

NEW QUESTION 60

Which one of the following statements concerning Linux passwords is true?

A. All passwords can be decrypted using the system administrator's master password.
B. Passwords may never start with a non-letter.
C. Users cannot change their password once it has been set.
D. Passwords are only stored in hashed form.
E. Passwords may be at most six characters long.

Answer: D

NEW QUESTION 65
Which command adds the new user tux and creates the user's home directory with default configuration files?

A. defaultuser tux
B. useradd –m tux
C. usercreate tux
D. useradd –o default tux
E. passwd –a tux

Answer: B

NEW QUESTION 67
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 72
What information can be displayed by top?

A. Existing files, ordered by their size.
B. Running processes, ordered by CPU or RAM consumption.
C. User accounts, ordered by the number of logins.
D. User groups, ordered by the number of members.
E. User accounts, ordered by the number of files.

Answer: B

NEW QUESTION 73
The file script.sh in the current directory contains the following content:
#!/bin/bash echo $MYVAR
The following commands are used to execute this script: MYVAR=value
./script.sh
The result is an empty line instead of the content of the variable MYVAR. How should MYVAR be set in order to make script.sh display the content of MYVAR?

A. !MYVAR=value
B. env MYVAR=value
C. MYVAR=value
D. $MYVAR=value
E. export MYVAR=value

Answer: E

NEW QUESTION 78
Members of a team already have experience using Red Hat Enterprise Linux. For a small hobby project, the team wants to set up a Linux server without paying for a subscription. Which of the following Linux distributions allows the team members to apply as much of their Red Hat Enterprise Linux knowledge as possible?

A. Ubuntu Linux LTS
B. Raspbian
C. Debian GNU/Linux
D. CentOS
E. openSUSE

Answer: D

NEW QUESTION 79
What happens to a file residing outside the home directory when the file owner's account is deleted? (Choose two.)

A. During a file system check, the file is moved to /lost +found.
B. The file is removed from the file system.
C. The UID of the former owner is shown when listing the file's details.
D. The user root is set as the new owner of the file.

E. Ownership and permissions of the file remain unchanged.

Answer: CE

NEW QUESTION 80
Which of the following outputs comes from the command free?

```
A.  A. 21:04:15 up 14 days, 7:43, 3 users, load average: 0.89, 1.00, 0.99

B.  avg-cpu:  %user     %nice     %system    %iowait   %steal  %idle

            34.04     0.03      13.88      1.06      0.00    50.99

C.  Filesystem            Size    Used    Avail   Use%   Mounted
                                                         on

    /dev/mapper/vg_ssd-  25G     20G     3.6G    85%    /
    root

D.  1.8M     /tmp

E.        total     used     free     shared    buff/cache available

    Mem: 16123128  12565680 2011624  412128    1545824    7180416
```


A. Option A
B. Option B
C. Option C
D. Option D
E. Option E

Answer: E

NEW QUESTION 84
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