LPI

Exam Questions 010-160

Linux Essentials Certificate Exam - version 1.6

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
Which of the following characters in a shell prompt indicates the shell is running with root privileges?

A. !
B. #
C. *
D. &
E. $

Answer: B

NEW QUESTION 3
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 4
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 5
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 6
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 7
Which of the following commands sets the variable USERNAME to the value bob?

A. set USERNAME bob
B. $USERNAME==bob
C. var USERNAME=bob
D. USERNAME<=bob

E. USERNAME=bob

Answer: E

NEW QUESTION 8
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: AB

NEW QUESTION 9
Which of the following DNS record types hold an IP address? (Choose two.)

A. NS
B. AAAA
C. MX
D. A
E. CNAME

Answer: CD

NEW QUESTION 10
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 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 12
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 14
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 17
Which of the following statements are true regarding a typical shell script? (Choose two.)

A. It has the executable permission bit set.
B. It starts with the two character sequence #!.

C. It is located in /usr/local/scripts/.
D. It is located in /etc/bash/scripts/.
E. It is compiled into a binary file compatible with the current machine architecture.

Answer: AE

NEW QUESTION 19
Which operator in a regular expression matches the preceding character either zero or one time?

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

Answer: A

NEW QUESTION 23
A directory contains the following files:

    a.txt

    b.txt

    c.cav

What would be the output of the following shell script? for file in *.txt
    do

        echo $file

    done

A. *.txt
B. a b
C. c.cav
D. A.txt
E. txt
F. txt

Answer: E

NEW QUESTION 26
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 31
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 32
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 33
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 38
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 43
Which of the following is a protocol used for automatic IP address configuration?

A. NFS
B. LDAP
C. SMTP
D. DNS
E. DHCP

Answer: E

NEW QUESTION 47
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 48
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 50
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 54
Which of the following commands extracts the contents of the compressed archive file1.tar.gz?

A. tar -czf file1.tar.gz
B. ztar file1.tar.gz
C. tar -xzf file1.tar.gz

D. tar --extract file1.tar.gz
E. detar file1.tar.gz

Answer: C

NEW QUESTION 57
Running the command rm Downloads leads to the following error: rm: cannot remove 'Downloads/': Is a directory
Which of the following commands can be used instead to remove Downloads, assuming Downloads is empty? (Choose two correct answers.)

A. undir Downloads
B. rmdir Downloads
C. dir –r Downloads
D. rem Downloads
E. rm –r Downloads

Answer: BE

NEW QUESTION 62
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 of the following types of bus can connect hard disk drives with the motherboard?

A. The RAM bus
B. The NUMA bus
C. The CPU bus
D. The SATA bus
E. The Auto bus

Answer: D

NEW QUESTION 69
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 74
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 78
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 81
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 83
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