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QUESTION 1

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

Correct Answer: E

QUESTION 2

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

Correct Answer: B

QUESTION 3

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. iplookup

Correct Answer: D

QUESTION 4

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.)

Correct Answer: ls -R

QUESTION 5

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

Correct Answer: B

QUESTION 6

What are the differences between hard disk drives and solid state disks? (Choose two.)

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.

Correct Answer: AE

QUESTION 7

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.

Correct Answer: A

QUESTION 8

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

Correct Answer: D

QUESTION 9

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.

Correct Answer: E

QUESTION 10

What is the return value of a shell script after successful execution?

A. 1

B. 0

C. -1

D. -255

E. 255

Correct Answer: B

QUESTION 11

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. cp. \.txt /tmp/

D. cp ?.txt /tmp/

E. cp $?.txt /tmp/

Correct Answer: B

QUESTION 12

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.

Correct Answer: C

QUESTION 13

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

Correct Answer: E

QUESTION 14

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

Correct Answer: AB

QUESTION 15

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 #!./test. sh instead of ./test.sh.

Correct Answer: B