201-450 Dumps

LPIC-2 Exam 201 Part 1 of 2 version 4.5

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NEW QUESTION 1
In the following output, what percentage of time was the CPU waiting for pending I/O?
vmstat 1 100
procs -----------memory---------- ---swap-- -----io---- --system-- ----cpu----
r b swpd free buff cache si so bi bo in cs us sy id wa
0 0 0 282120 134108 5797012 0 0 0 2 0 0 0 0 100 0
0 0 0 282120 134108 5797012 0 0 0 0 1007 359 0 0 100 0
0 0 0 282120 134108 5797012 0 0 0 0 1117 577 0 0 100 0
0 0 0 282120 134108 5797012 0 0 0 0 1007 366 0 0 100 0

A. 100
B. 35.9
C. 57.7
D. 36.6

Answer: A

NEW QUESTION 2
In this example output, which descriptions match the purpose of the free, buff and cache columns? (Choose THREE correct answers.)
vmstat 1 100
procs -----------memory---------- ---swap-- -----io---- --system-- ----cpu----
r b swpd free buff cache si so bi bo in cs us sy id wa
0 0 0 282120 134108 5797012 0 0 0 2 0 0 0 0 100 0
0 0 0 282120 134108 5797012 0 0 0 0 1007 359 0 0 100 0
0 0 0 282120 134108 5797012 0 0 0 0 1117 577 0 0 100 0
0 0 0 282120 134108 5797012 0 0 0 0 1007 366 0 0 100 0

A. Used swap space
B. RAM available for filesystem buffers
C. Available free RAM
D. RAM used for buffers
E. RAM used for filesystem cache

Answer: CDE

NEW QUESTION 3
In the below example output, which columns detail the percent of time the CPU spent running non-kernel code and the percent of time the CPU spent running kernel code? (Choose TWO correct answers.)
vmstat 1 100
procs -----------memory---------- ---swap-- -----io---- --system-- ----cpu----
r b swpd free buff cache si so bi bo in cs us sy id wa
0 0 0 282120 134108 5797012 0 0 0 2 0 0 0 0 100 0
0 0 0 282120 134108 5797012 0 0 0 0 1007 359 0 0 100 0
0 0 0 282120 134108 5797012 0 0 0 0 1117 577 0 0 100 0
0 0 0 282120 134108 5797012 0 0 0 0 1007 366 0 0 100 0

A. id
B. us
C. wa
D. sy

Answer: BD

NEW QUESTION 4
What option in the collectd configuration file is required in order to define what to start monitoring?

A. LoadModule
B. Module
C. Plugin
D. LoadPlugin

Answer: D

NEW QUESTION 5
In capacity planning exercises, which tools assist in listing and identifying processes of interest? (Choose TWO correct answers.)

A. acpid
B. lsof
C. pstree
D. telinit

Answer: BC

NEW QUESTION 6
In the following output, the load averages represent the system load averages for what time frames? 12:10:05 up 18 days, 19:00, 2 users, load average: 0.47, 24.71, 35.31

A. 1, 5 and 15 minutes
B. 1, 15 and 30 minutes
C. 1, 15, and 30 seconds
D. 15, 30 and 60 minutes
E. 15, 30 and 60 seconds

Answer: A

NEW QUESTION 7
What is the purpose of the command udevadm monitor?

A. It listens to kernel events produced by a udev rule and print information to the console.
B. It monitors the /dev directory for new devices.
C. It monitors the udev process and prints performance statistics to the console.
D. It communicates with D-Bus to setup new devices.

Answer: A

NEW QUESTION 8
After installing a compiled kernel, it can not find any modules that are needed to be loaded. What make target was likely missed while installing the kernel?

A. Mastered
B. Not Mastered

Answer: A

Explanation:
make modules_install, modules_install

NEW QUESTION 9
Which of the following terms are used to describe 3.x kernel releases? (Choose TWO correct answers.)

A. beta
B. final
C. longterm
D. prerelease
E. stable

Answer: CE

NEW QUESTION 10
A Linux server is running in single user mode for regular maintenance. Which commands are used to restore the server to its usual runlevel? (Choose TWO correct answers.)

A. telinit 0
B. shutdown -r now
C. sync
D. shutdown -h now
E. reboot

Answer: BE

NEW QUESTION 10
After changing the default runlevel in the SysV-init configuration file, the system boots in a different than intended runlevel. Where else could this different runlevel be defined?

A. In the /etc/sysctl.conf
B. In the boot loader configuration file
C. In the /etc/runlevel file
D. In the /boot/initramfs file
E. In the /etc/rc.d/rc.local file

Answer: B

NEW QUESTION 12
A system with SysV-init has a service installed called apache2. Which file controls the start and stop of this service and is referenced by the various runlevel directories?

A. /etc/init.d/apache2
B. /etc/rc2.d/70apache2
C. /etc/rc2.d/apache2
D. /etc/rc2.d/apache2.start

Answer: A

NEW QUESTION 14
Why is the root file system mounted read-only during boot and remounted with write permission later on?

A. Because if problems with the root file system are detected during the boot, fsck can be run, without risk of damage.
B. Because this way crackers cannot collect information about root with boot sniffers.
C. To avoid writing to the disk, unless the root password is known.
D. To avoid other operating systems overwriting the Linux root partition.
E. Because the disk has its own write protection that cannot be changed by the operating system.

Answer: A

NEW QUESTION 16
What is the main template file used by autofs?

A. default.maps
B. auto.conf
C. auto.master
D. autofs.master

Answer: C

NEW QUESTION 20
Which directory in /dev/disk/ can be used to determine the UUID of a connected hard disk?

A. Mastered
B. Not Mastered

Answer: A

Explanation:
/dev/disk/by-uuid, by-uuid, /dev/disk/by-uuid/

NEW QUESTION 25
A system has one hard disk and one CD writer which are both connected to SATA controllers. Which device represents the CD writer?

A. /dev/hdb
B. /dev/sdd
C. /dev/scd1
D. /dev/sr0
E. /dev/sr1

Answer: D

NEW QUESTION 29
What mount option must be used in /etc/fstab when mounting an iSCSI target?

A. _santarget
B. iscsi
C. waitiscsi
D. _netdev

Answer: D

NEW QUESTION 34
What command will remove a physical volume from a volume group? (Specify ONLY the command without any path or parameters.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
vgreduce, /sbin/vgreduce

NEW QUESTION 36
Which single command will simulate a failed device within a RAID 5 array?

A. mdadm --remove /dev/md0 /dev/sdd1
B. mdadm --zero-superblock /dev/sdf3
C. mdadm --force-fault /dev/md2 /dev/sde2
D. mdadm --fail /dev/md0 /dev/sdc1
E. mdadm /dev/md0 --offline /dev/sdc1

Answer: D

NEW QUESTION 38
Which RAID level value must be used with Linux software RAID in order to create an array of mirrored devices?

A. 1
B. 5
C. 6
D. container
E. mirrorstripe

Answer: A

NEW QUESTION 41
Which two LVM commands are missing from the following sequence which is used to create a logical volume and make use of it on a Linux system?
pvcreate, _____, _____, mkfs, mount

A. lvcreate, mdadm
B. lvcreate, vgcreate
C. lvmcreate, vgcreate
D. vgcreate, lvcreate
E. vgcreate, mdadm

Answer: D

NEW QUESTION 45
What action should be performed after increasing the size of a logical volume?

A. Run vgresize.
B. Increase the size of the filesystem used for the logical volume.
C. Run lvresize.
D. Remount the logical volume.

Answer: B

NEW QUESTION 47
Which of the following commands can be used to script interactions with various TCP or UDP services?

A. ftp
B. nc
C. tcpdump
D. strings
E. wget

Answer: B

NEW QUESTION 49
Which command can be used to scan a specified network looking for IP addresses that appear to be in use?

A. nmap
B. tcpdump
C. ip
D. netscan
E. hostdiscover

Answer: A

NEW QUESTION 54
Which of the following commands can be used to list IPv4 addresses and MAC addresses for IP devices that the system has seen on the local network?

A. arp
B. ifconfig
C. ipadm
D. iwlist

Answer: A

NEW QUESTION 59
Running tcpdump -nli eth1 'tcp' shows the following output:
14:41:53.694538 IP 10.1.52.145.51738 > 24.215.7.162.143: Flags [.], ack 33051, win 1002, options
[nop,nop,TS val 36789130 ecr 1746004159], length 0
What is the source IP address of this packet? (Please specify the answer in digits and dots ONLY.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
10.1.52.145

NEW QUESTION 62
The following is an excerpt from the output of tcpdump -nli eth1 'udp': 13:03:17.277327 IP 192.168.123.5.1065 > 192.168.5.112.53: 43653+ A? lpi.org. (25)
13:03:17.598624 IP 192.168.5.112.53 > 192.168.123.5.1065: 43653 1/0/0 A 198.51.100.42 (41)
Which network service or protocol was used?

A. FTP
B. HTTP
C. SSH
D. DNS
E. DHCP

Answer: D

NEW QUESTION 66
Which of the following commands will erase the contents of the /dev/sdb3 partition?

A. rm /dev/sdb3
B. dd if=/dev/zero of=/dev/sdb3
C. dd of=/dev/zero if=/dev/sdb3
D. umount /dev/sdb3

Answer: B

NEW QUESTION 67
Which of the following commands will securely copy the directory ./fyf/ to /var/tmp/ on the remote host deltaur using the remote user account kevin?

A. rsync -a -e ssh kevin@deltaur:/var/tmp/ fyf/
B. rsync -a -u kevin -e ssh fyf/ deltaur:/var/tmp/
C. rsync -a -u kevin -e ssh deltaur:/var/tmp/ fyf/
D. rsync -a -e ssh fyf/ kevin@deltaur:/var/tmp/

Answer: D

NEW QUESTION 72
A regular user, joe, has just run:
./configure && make && make install
to build and install a program. However, the installation fails. What could be done to install the program? (Choose TWO correct answers.)

A. Install the binaries manually with suinstall.
B. Run make install with root privileges.
C. Do not run ./configure in order to maintain the default configuration for correct installation.
D. Rerun ./configure with a --prefix option where the user has permissions to write.
E. Run make install_local to install into /usr/local/.

Answer: BD

NEW QUESTION 77
Which file contains the message that is displayed above the login prompt of the system console? (Specify the full name of the file, including path.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
/etc/issue

NEW QUESTION 81
What is the purpose of a system mount unit?

A. It is used by the command systemd-mount and allows users to mount partitions to mount points of their choice
B. It is used only to mount network file systems to local mount point
C. It cannot be used for local media
D. It is created by the command systemd-fstab-generator to integrate entries from /etc/fstab into the system boot process
E. It is used by the command mount when using system to mount and unmount file systems

Answer: A

NEW QUESTION 84
What is the purpose of an initramfs during the Linux system start?

A. It loads required modules and starts sub sytems like LVM to make the root file system accessible to the kernel

B. It moves the kernel from normal system memory to initram memory to speed up kernel access
C. It copies the root file system's content to RAM to speed up the system and reduce writes to disk
D. It creates a ram disk to store volatile data for directories like /tmp to reduce writes to disk

Answer: A

NEW QUESTION 85
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