LPI

Exam Questions 201-450

LPIC-2 Exam 201 Part 1 of 2 version 4.5

NEW QUESTION 1
Which of the following commands will provide the PIDs of the processes sorted by which are using the most CPU cycles on the Linux system?

A. top
B. uptime
C. ps aux
D. vmstat
E. freemem

Answer: A

NEW QUESTION 2
What is a key difference between a zImage and bzImage kernel image?

A. zImage is compressed using gzip, bzImage is compressed using bzip2.
B. zImage is for 2.6 series kernels, bzImage is for 3.x series kernels.
C. zImage is limited to 64k, bzImage has no such restriction.
D. zImage gets loaded completely into low memor
E. bzImage will load into high memory once low memory is full.

Answer: D

NEW QUESTION 3
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 4
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 5
Which option to the update-rc.d command will cause the removal of all symlinks to /etc/rcX.d/*test2 even when the script /etc/init.d/test2 still exists?

A. -d
B. -f
C. -n
D. -r

Answer: B

NEW QUESTION 6
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 7
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 8
The main configuration file for autofs has this entry:

A. Mastered
B. Not Mastered

Answer: A

Explanation:
/home /etc/auto.home

NEW QUESTION 9
What keyword is missing in the following line from /etc/fstab in order to make a USB flash device writeable by the user fred when mounted:
/dev/sda1 /mnt/usbflash vfat defaults,users, _____ =fred,umask=022, 0 0 (Provide the option name only without any settings)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
uid

NEW QUESTION 10
Which of the following best describes the format of the /etc/fstab file?

A. device name; filesystem type; mount point; mount options; dump filesystem; fsck order
B. device name; mount point; filesystem type; mount options; dump filesystem; fsck order
C. device name; mount point; mount options; filesystem type; dump filesystem; fsck order
D. mount point; filesystem type; device name; mount options; dump filesystem; fsck order
E. mount point; device name; filesystem type; mount options; dump filesystem; fsck order

Answer: B

NEW QUESTION 10
Which command turns an existing ext2 filesystem non-destructively into an ext3 filesystem? (Specify ONLY the command without any path or parameters.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
/sbin/tune2fs, tune2fs

NEW QUESTION 11
What does a 0 in the last field (fsck order) of /etc/fstab indicate about the filesystem?

A. The filesystem should be checked before filesystems with higher values.
B. The filesystem should be checked after filesystems with higher values.
C. The filesystem check counter is ignored.
D. The filesystem has been disabled from being checked and mounted on the system.
E. The filesystem does not require an fsck check when being mounted.

Answer: E

NEW QUESTION 13
Consider the following /etc/fstab file:
/dev/hda1 swap swap defaults 0 0
/dev/hda2 / ext2 defaults 1 1
/dev/hda3 /home ext2 defaults 1 2
none /proc proc defaults 0 0
/dev/sdb1 /media/usb0 vfat user,noauto 0 0
What is one of the possible commands that an ordinary (non-root) user can use to mount the /dev/sdb1 partition on the /media/usb0 mount point? (Please enter the command with all parameters and/or options but without any file system type options.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
mount /dev/sdb1, mount /media/usb0, /bin/mount /dev/sdb1, /bin/mount /media/usb0, mount /media/usb0/,
/bin/mount /media/usb0/

NEW QUESTION 16
Where would fsck put any unreferenced file or file fragments on a ext4 filesystem?

A. recover
B. lost+found
C. back
D. lost

Answer: B

NEW QUESTION 21
Which command is used to create a ISO9660 filesystem? (Specify ONLY the command without any path or parameters.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
mkisofs, genisoimage

NEW QUESTION 24
Which file in /proc contains information on the status of local software RAID devices?

A. /proc/raidstat
B. /proc/mdstat
C. /proc/raidstatus
D. /proc/mdstatus
E. /proc/raid/status

Answer: B

NEW QUESTION 25
What is the minimum number of disks required in a fully redundant RAID5 array?

A. 1
B. 2
C. 3
D. 4
E. 5

Answer: C

NEW QUESTION 27
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 28
Which of the following best describes the format of the /etc/fstab file?

A. device name; filesystem type; mount point; mount options; dump filesystem; fsck order
B. device name; mount point; filesystem type; mount options; dump filesystem; fsck order
C. device name; mount point; mount options; filesystem type; dump filesystem; fsck order
D. mount point; filesystem type; device name; mount options; dump filesystem; fsck order
E. mount point; device name; filesystem type; mount options; dump filesystem; fsck order

Answer: B

NEW QUESTION 31
What command is used to make an exact copy, at a single point in time, of a logical volume for backup purposes?

A. lvsnap
B. lvsnapshot
C. lvcreate
D. lvcopy
E. lvclone

Answer: C

NEW QUESTION 33
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 37
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 41
The users of the local network complain that name resolution is not fast enough. Enter the command, without the path or any options, that shows the time taken to resolve a DNS query.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
dig, time dig, time host, time nslookup

NEW QUESTION 42
The following is an excerpt from the output of tcpdump -nli eth1:
13:03:17.277327 IP 192.168.123.5.1065 > 192.168.5.112.21: Flags [.], ack 1 (truncated)
13:03:17.598624 IP 192.168.5.112.21 > 192.168.123.5.1065: Flags [P.], seq (truncated)
Which network service or protocol was used?

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

Answer: A

NEW QUESTION 47
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 49
Which of the following are common backup systems used in Linux? (Choose TWO correct answers.)

A. Amanda
B. Bacula
C. DrBackup
D. BREWBackup
E. SARcheck

Answer: AB

NEW QUESTION 54
Which of the following files will be looked for and used by GNU make, if one of them exists, unless a different file is specified on the command line when trying to compile software from source code? (Choose TWO correct answers.)

A. configure
B. config.h.in
C. makefile
D. Makefile

E. Makefile.in

Answer: CD

NEW QUESTION 55
What effect does the –f option to the update-rc.d command have on files in the /etc/rcX.d/ and /etc/init.d/ directories?

A. It will force the removal of the symlinks in /etc/rcX.d/ even when the links are read only
B. It will remove both the symlinks in /etc/rcX.d/ and the init script in /etc/init.d/
C. It will remove the init script in /etc/init.d/ and the symlinks in /etc/rcX.d/ and update the package information of installed files
D. It will force the removal of symlinks in /etc/rcX.d/ even if the corresponding init script still exists in/etc/init.d/

Answer: D

NEW QUESTION 56
Which of the following commands displays the physical path of the kernel module named dummy?

A. modprobe –i dummy
B. modinfo –n dummy
C. modpath –v dummy
D. depmod –n dummy
E. modshow –p dummy

Answer: A

NEW QUESTION 59
Which command is used to make an exact copy, at a single point in time, of a logical volume while still allowing the original logical volume to be updated?

A. lvcclone
B. lvcreate
C. lvm2
D. lvsnap
E. lvsnapshot

Answer: B

NEW QUESTION 60
Which of the following commands adds a static IPv6 address to the network interface eth0?

A. ip add addr 2001:db8::1337/64 dev eth0
B. ip -6 add addr 2001:db8::1337/64 dev eth0
C. ip addr add 2001:db8::1337/64 dev eth0
D. ip -6 addr add new 2001:db8::1337/64 dev eth0
E. ip addr add -6 2001:db8::1337/64 dev eth0

Answer: D

NEW QUESTION 62
In the output of sar –b, what does tps stand for?

A. Terrabyte per second
B. Traffic per second
C. Transfers per second
D. Total data per second
E. Terrabit per second

Answer: C

NEW QUESTION 64
A Linux server running systemd booted to rescue.target for maintenance. Which commands are used to restore the server to its usual target? (Choose two.)

A. telinit 0
B. systemctl default
C. sync
D. systemctl emergency
E. systemctl reboot

Answer: AB

NEW QUESTION 67
Which of the filter keywords below could be used in the following command:
tcpdump –i eth0 _____203.0.113.8 (Choose three.)

A. host
B. ip

C. src
D. dst
E. ipv6

Answer: ACD

NEW QUESTION 71
In order to gather performance data with sar over a longer period of time, which command should be run periodically from cron?

A. sa1
B. sarmon
C. sarec
D. sadf
E. sarcron

Answer: A

NEW QUESTION 73
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 77
......

About Exambible

Your Partner of IT Exam

Found in 1998

Exambible is a company specialized on providing high quality IT exam practice study materials, especially Cisco CCNA, CCDA, CCNP, CCIE, Checkpoint CCSE, CompTIA A+, Network+ certification practice exams and so on. We guarantee that the candidates will not only pass any IT exam at the first attempt but also get profound understanding about the certificates they have got. There are so many alike companies in this industry, however, Exambible has its unique advantages that other companies could not achieve.

Our Advances

* 99.9% Uptime

> All examinations will be up to date.

* 24/7 Quality Support

> We will provide service round the clock.

* 100% Pass Rate

> Our guarantee that you will pass the exam.

* Unique Gurantee

> If you do not pass the exam at the first time, we will not only arrange FULL REFUND for you, but also provide you another exam of your claim, ABSOLUTELY FREE!

NEW QUESTION 1
Which of the following commands will provide the PIDs of the processes sorted by which are using the most CPU cycles on the Linux system?

A. top
B. uptime
C. ps aux
D. vmstat
E. freemem

Answer: A

NEW QUESTION 2
What is a key difference between a zImage and bzImage kernel image?

A. zImage is compressed using gzip, bzImage is compressed using bzip2.
B. zImage is for 2.6 series kernels, bzImage is for 3.x series kernels.
C. zImage is limited to 64k, bzImage has no such restriction.
D. zImage gets loaded completely into low memor
E. bzImage will load into high memory once low memory is full.

Answer: D

NEW QUESTION 3
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 4
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 5
Which option to the update-rc.d command will cause the removal of all symlinks to /etc/rcX.d/*test2 even when the script /etc/init.d/test2 still exists?

A. -d
B. -f
C. -n
D. -r

Answer: B

NEW QUESTION 6
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 7
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 8
The main configuration file for autofs has this entry:

A. Mastered
B. Not Mastered

Answer: A

Explanation:
/home /etc/auto.home

NEW QUESTION 9
What keyword is missing in the following line from /etc/fstab in order to make a USB flash device writeable by the user fred when mounted:
/dev/sda1 /mnt/usbflash vfat defaults,users, _____ =fred,umask=022, 0 0 (Provide the option name only without any settings)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
uid

NEW QUESTION 10
Which of the following best describes the format of the /etc/fstab file?

A. device name; filesystem type; mount point; mount options; dump filesystem; fsck order
B. device name; mount point; filesystem type; mount options; dump filesystem; fsck order
C. device name; mount point; mount options; filesystem type; dump filesystem; fsck order
D. mount point; filesystem type; device name; mount options; dump filesystem; fsck order
E. mount point; device name; filesystem type; mount options; dump filesystem; fsck order

Answer: B

NEW QUESTION 10
Which command turns an existing ext2 filesystem non-destructively into an ext3 filesystem? (Specify ONLY the command without any path or parameters.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
/sbin/tune2fs, tune2fs

NEW QUESTION 11
What does a 0 in the last field (fsck order) of /etc/fstab indicate about the filesystem?

A. The filesystem should be checked before filesystems with higher values.
B. The filesystem should be checked after filesystems with higher values.
C. The filesystem check counter is ignored.
D. The filesystem has been disabled from being checked and mounted on the system.
E. The filesystem does not require an fsck check when being mounted.

Answer: E

NEW QUESTION 13
Consider the following /etc/fstab file:
/dev/hda1 swap swap defaults 0 0
/dev/hda2 / ext2 defaults 1 1
/dev/hda3 /home ext2 defaults 1 2
none /proc proc defaults 0 0
/dev/sdb1 /media/usb0 vfat user,noauto 0 0
What is one of the possible commands that an ordinary (non-root) user can use to mount the /dev/sdb1 partition on the /media/usb0 mount point? (Please enter the command with all parameters and/or options but without any file system type options.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
mount /dev/sdb1, mount /media/usb0, /bin/mount /dev/sdb1, /bin/mount /media/usb0, mount /media/usb0/,
/bin/mount /media/usb0/

NEW QUESTION 16
Where would fsck put any unreferenced file or file fragments on a ext4 filesystem?

A. recover
B. lost+found
C. back
D. lost

Answer: B

NEW QUESTION 21
Which command is used to create a ISO9660 filesystem? (Specify ONLY the command without any path or parameters.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
mkisofs, genisoimage

NEW QUESTION 24
Which file in /proc contains information on the status of local software RAID devices?

A. /proc/raidstat
B. /proc/mdstat
C. /proc/raidstatus
D. /proc/mdstatus
E. /proc/raid/status

Answer: B

NEW QUESTION 25
What is the minimum number of disks required in a fully redundant RAID5 array?

A. 1
B. 2
C. 3
D. 4
E. 5

Answer: C

NEW QUESTION 27
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 28
Which of the following best describes the format of the /etc/fstab file?

A. device name; filesystem type; mount point; mount options; dump filesystem; fsck order
B. device name; mount point; filesystem type; mount options; dump filesystem; fsck order
C. device name; mount point; mount options; filesystem type; dump filesystem; fsck order
D. mount point; filesystem type; device name; mount options; dump filesystem; fsck order
E. mount point; device name; filesystem type; mount options; dump filesystem; fsck order

Answer: B

NEW QUESTION 31
What command is used to make an exact copy, at a single point in time, of a logical volume for backup purposes?

A. lvsnap
B. lvsnapshot
C. lvcreate
D. lvcopy
E. lvclone

Answer: C

NEW QUESTION 33
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 37
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 41
The users of the local network complain that name resolution is not fast enough. Enter the command, without the path or any options, that shows the time taken to resolve a DNS query.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
dig, time dig, time host, time nslookup

NEW QUESTION 42
The following is an excerpt from the output of tcpdump -nli eth1:
13:03:17.277327 IP 192.168.123.5.1065 > 192.168.5.112.21: Flags [.], ack 1 (truncated)
13:03:17.598624 IP 192.168.5.112.21 > 192.168.123.5.1065: Flags [P.], seq (truncated)
Which network service or protocol was used?

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

Answer: A

NEW QUESTION 47
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 49
Which of the following are common backup systems used in Linux? (Choose TWO correct answers.)

A. Amanda
B. Bacula
C. DrBackup
D. BREWBackup
E. SARcheck

Answer: AB

NEW QUESTION 54
Which of the following files will be looked for and used by GNU make, if one of them exists, unless a different file is specified on the command line when trying to compile software from source code? (Choose TWO correct answers.)

A. configure
B. config.h.in
C. makefile
D. Makefile

E. Makefile.in

Answer: CD

NEW QUESTION 55
What effect does the –f option to the update-rc.d command have on files in the /etc/rcX.d/ and /etc/init.d/ directories?

A. It will force the removal of the symlinks in /etc/rcX.d/ even when the links are read only
B. It will remove both the symlinks in /etc/rcX.d/ and the init script in /etc/init.d/
C. It will remove the init script in /etc/init.d/ and the symlinks in /etc/rcX.d/ and update the package information of installed files
D. It will force the removal of symlinks in /etc/rcX.d/ even if the corresponding init script still exists in/etc/init.d/

Answer: D

NEW QUESTION 56
Which of the following commands displays the physical path of the kernel module named dummy?

A. modprobe –i dummy
B. modinfo –n dummy
C. modpath –v dummy
D. depmod –n dummy
E. modshow –p dummy

Answer: A

NEW QUESTION 59
Which command is used to make an exact copy, at a single point in time, of a logical volume while still allowing the original logical volume to be updated?

A. lvcclone
B. lvcreate
C. lvm2
D. lvsnap
E. lvsnapshot

Answer: B

NEW QUESTION 60
Which of the following commands adds a static IPv6 address to the network interface eth0?

A. ip add addr 2001:db8::1337/64 dev eth0
B. ip -6 add addr 2001:db8::1337/64 dev eth0
C. ip addr add 2001:db8::1337/64 dev eth0
D. ip -6 addr add new 2001:db8::1337/64 dev eth0
E. ip addr add -6 2001:db8::1337/64 dev eth0

Answer: D

NEW QUESTION 62
In the output of sar –b, what does tps stand for?

A. Terrabyte per second
B. Traffic per second
C. Transfers per second
D. Total data per second
E. Terrabit per second

Answer: C

NEW QUESTION 64
A Linux server running systemd booted to rescue.target for maintenance. Which commands are used to restore the server to its usual target? (Choose two.)

A. telinit 0
B. systemctl default
C. sync
D. systemctl emergency
E. systemctl reboot

Answer: AB

NEW QUESTION 67
Which of the filter keywords below could be used in the following command:
tcpdump –i eth0 _____203.0.113.8 (Choose three.)

A. host
B. ip

C. src
D. dst
E. ipv6

Answer: ACD

NEW QUESTION 71
In order to gather performance data with sar over a longer period of time, which command should be run periodically from cron?

A. sa1
B. sarmon
C. sarec
D. sadf
E. sarcron

Answer: A

NEW QUESTION 73
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 77
......

Relate Links

100% Pass Your 201-450 Exam with Exambible Prep Materials

https://www.exambible.com/201-450-exam/

Contact us

We are proud of our high-quality customer service, which serves you around the clock 24/7.

Viste - https://www.exambible.com/