LPI

Exam Questions 201-450

LPIC-2 Exam 201 Part 1 of 2 version 4.5

NEW QUESTION 1
In the following output from top, which processes contribute to the percentage of time that the CPU spends in the state of wa?
Tasks: 193 total, 1 running, 190 sleeping, 2 stopped, 0 zombie
Cpu(s): 0.5%us, 0.3%sy, 0.0%ni, 98.2%id, 1.0%wa, 0.0%hi, 0.0%si, 0.0%st

A. Processes waiting for user interaction.
B. Processes that were already closed and are waiting to be launched again.
C. Processes that have not been scheduled yet because they haven't been fully loaded into RAM or are in swap.
D. Processes waiting for IO operations to complete.

Answer: D

NEW QUESTION 2
Which commands below are useful to collect data about remote filesystem connections? (Choose TWO correct answers.)

A. pidstat
B. nfsiostat
C. sadf
D. cifsiostat

Answer: BD

NEW QUESTION 3
Which command will report information on memory usage, paging and block input/output?

A. free
B. memshow
C. ps
D. top
E. vmstat

Answer: E

NEW QUESTION 4
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 5
When planning a web server which of the following choices will impact system sizing? (Choose THREE correct answers.)

A. How many concurrent users are expected.
B. Which hardware vendor has better Linux support.
C. What type of content will be served.
D. What scripting languages will the web server support.
E. Will the OS install be CD, DVD or network based.

Answer: ACD

NEW QUESTION 6
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 7
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 8
Which of the following tools are used to measure memory usage? (Choose THREE correct answers.)

A. mpstat
B. pstree
C. sar
D. top
E. vmstat

Answer: CDE

NEW QUESTION 9
Which commands are used to load modules into the Linux kernel? (Choose TWO correct answers.)

A. insmod
B. loadmod
C. kernload
D. modprobe
E. probemod

Answer: AD

NEW QUESTION 10
How is the source code for the main Linux kernel modules distributed?

A. It is included with the Linux kernel source code.
B. The kernel modules are downloaded on demand as they are used during compilation.
C. The kernel modules have their own release cycle and can be maintained separately from the Linux kernel source.
D. It is provided as a separate download alongside the Linux kernel source code of the same version.

Answer: A

NEW QUESTION 10
On a server running the 3.4.50-11 Linux kernel, which file in the /boot directory contains the kernel configuration parameters?

A. config-linux-3.4.50-11
B. config-3.4.50-11
C. system-3.4.50-11
D. vmlinuz-3.4.50-11
E. rc.config-3.4.50-11

Answer: B

NEW QUESTION 15
What is the correct parameter to pass to the kernel at boot time to force it to use only one of the available processors?

A. maxcpus=1
B. usecpus=1
C. smpcpus=1
D. vcpumx=1

Answer: A

NEW QUESTION 16
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 19
How can the kernel parameter for the maximum size of the shared memory segment (shmmax) be changed to 2GB (2147483648 Bytes) on a running system? (Choose TWO correct answers.)

A. Edit /etc/shmmax and set the parameter to 2147483648.
B. sysctl shmmax=2147483648
C. sysctl kernel.shmmax=2147483648
D. echo 2147483648 > /proc/sys/kernel/shmmax
E. export kernel.shmmax=2147483648

Answer: CD

NEW QUESTION 22
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 26
Which archive format is used to create an initramfs image?

A. gzip
B. tar
C. RAR
D. cpio
E. bzip2

Answer: D

NEW QUESTION 27
Which of the following command sequences can be used to extract files contained in a initramfs file (/boot/initramfs) which is used by the kernel at boot time?

A. cp /boot/initramfs /tmp/initramfs.gz; gzip -c /tmp/initramfs.gz; mkdir /tmp/initramfs.dir ; cd/tmp/initramfs.dir ; cpio -i < /tmp/initramfs
B. cp /boot/initramfs /tmp/initramfs.gz; gunzip /tmp/initramfs.gz; mkdir /tmp/initramfs.dir ; cd/tmp/initramfs.dir ; cpio -i < /tmp/initramfs
C. cp /boot/initramfs /tmp/initramfs.gz; gunzip /tmp/initramfs.gz; mount /tmp/initramfs /mnt/ -o loop -t initramfs
D. cp /boot/initramfs /tmp/initramfs.gz; gunzip /tmp/initramfs.gz; mkdir /tmp/initramfs.dir ; cd/tmp/initramfs.dir ; cpio -e /tmp/initramfs
E. cp /boot/initramfs /tmp/initramfs.gz; gunzip /tmp/initramfs.gz; mount /tmp/initramfs /mnt/ -o loop -t initrd

Answer: B

NEW QUESTION 32
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 34
Which file tells GRUB the paths of the filesystem partitions in both Linux format and in the GRUB syntax? (Specify the file name only with no path information)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
device.map

NEW QUESTION 38
Which command is used to install a new LILO boot loader?

A. lilo
B. lilo-config
C. lilo-install
D. install-lilo

Answer: A

NEW QUESTION 41
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 46
A server requires a GRUB2 boot option which will always boot to runlevel 1. Which line of a GRUB2 configuration file starts the beginning of the settings needed to make this new choice available?

A. initrd
B. linux
C. menuentry
D. runlevel

Answer: B

NEW QUESTION 49
What is the full path to the directory which contains the scripts (or links to the original scripts) to run while the system boots to SysV-init runlevel 2?

A. Mastered
B. Not Mastered

Answer: A

Explanation:
/etc/rc2.d, /etc/rc2.d/, /etc/init.d/rc2.d, /etc/init.d/rc2.d/

NEW QUESTION 50
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 51
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 55
During booting, when the Linux kernel loads an initramfs file, which command from the initramfs will be executed first, if present?

A. /init
B. /initrd
C. /linuxrc
D. /rc.local
E. /sbin/init

Answer: A

NEW QUESTION 56
What is the meaning of the /etc/auto.home file?

A. It has the indirect maps for the mounting of file systems.
B. It has configuration information, such as passwords and keys, for the remote file server.
C. It has configuration information on settings for the /home mount point.
D. It is the holds the SSL key to allow authentication to the remote file server.

Answer: D

Explanation:
54. What is the purpose of the smartd daemon?
A. It is a user space daemon used for reading smart cards and integrated circuit chips.
B. It attempts to automatically repair file systems upon a failed file system check.
C. It monitors process activity and helps the kernel decide which processes to kill when the kernel overcommits.
D. It monitors certain disk drives and attempts to predict when they will fail.

NEW QUESTION 58
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 59
How can the label root be added to the ext2 filesystem on /dev/sda1?

A. relabel /dev/sda1 root
B. tune2fs -L root /dev/sda1
C. echo 'root' > /proc/fs/sda1/label
D. labelfs --device /dev/sda1 root

Answer: B

NEW QUESTION 60
Due to extreme system use, a Linux system requires some additional swap space. To initialize 5GB of additional swap space, which combination of commands should be used?

A. dd if=/dev/zero of=/tmp/swapfile bs=1024 count=5120000; mkswap /tmp/swapfile; mount /tmp/swapfile
B. dd if=/dev/zero of=/tmp/swapfile bs=1024 count=5120000; swapon /tmp/swapfile
C. dd if=/dev/zero of=/tmp/swapfile bs=1024 count=5120000; mkswap /tmp/swapfile; swapon/tmp/swapfile
D. touch -5G /tmp/swapfile; swapon /tmp/swapfile
E. mkswap /tmp/swapfile 512000; swapon /tmp/swapfile

Answer: C

NEW QUESTION 61
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 66
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 67
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 72
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 76
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 77
The main configuration file for autofs has this entry:
/home /etc/auto.home
What is the meaning of the /etc/auto.home file?

A. It has the indirect maps for the mounting of file systems.
B. It has configuration information, such as passwords and keys, for the remote file server.
C. It has configuration information on settings for the /home mount point.
D. It is the holds the SSL key to allow authentication to the remote file server.

Answer: A

NEW QUESTION 80
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 81
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 83
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 86
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 90
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 91
Due to extreme system use, a Linux system requires some additional swap space. To initialize 5GB of additional swap space, which combination of commands should be used?

A. dd if=/dev/zero of=/tmp/swapfile bs=1024 count=5120000; mkswap /tmp/swapfile; mount /tmp/swapfile
B. dd if=/dev/zero of=/tmp/swapfile bs=1024 count=5120000; swapon /tmp/swapfile
C. dd if=/dev/zero of=/tmp/swapfile bs=1024 count=5120000; mkswap /tmp/swapfile; swapon/tmp/swapfile
D. touch -5G /tmp/swapfile; swapon /tmp/swapfile
E. mkswap /tmp/swapfile 512000; swapon /tmp/swapfile

Answer: C

NEW QUESTION 96
Which of the following is an example path to a Linux software RAID array?

A. /dev/raid0
B. /dev/rd1
C. /dev/pr0
D. /dev/md1

Answer: D

NEW QUESTION 100
What component of a system does smartd monitor?

A. CPU
B. RAM
C. Hard drives
D. Ethernet traffic

Answer: C

NEW QUESTION 102
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 106
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 111
Which of the following commands is used to set up a RAID volume?

A. makerd
B. mdadm
C. mkfs.raid
D. makeraid
E. rdconfig

Answer: B

NEW QUESTION 113
The IDE hard drive /dev/hda does not have DMA enabled. Which command must be run to enable DMA on it?

A. hdparm -d /dev/hda
B. hdparm --dma /dev/hda
C. hdparm --dma /dev/hda1
D. hdparm -d /dev/hda1
E. hdparm -d 1 /dev/hda

Answer: E

NEW QUESTION 114
Considering the following kernel IP routing table below, which of the following commands must be used to remove the route to the network 10.10.1.0/24? (Select TWO answers)
Kernel IP routing table
Destination Gateway Genmask Flags Metric Ref Use Iface
203.0.113.162 0.0.0.0 255.255.255.255 UH 0 0 0 ppp0
172.16.87.0 0.0.0.0 255.255.255.0 U 0 0 0 eth0
192.168.246.0 0.0.0.0 255.255.255.0 U 0 0 0 eth1
10.10.1.0 192.168.246.11 255.255.255.0 UG 0 0 0 eth1
127.0.0.0 0.0.0.0 255.0.0.0 U 0 0 0 lo
0.0.0.0 203.0.113.162 0.0.0.0 UG 0 0 0 ppp0

A. ip net delete 10.10.1.0/24
B. route del 10.10.1.0/24
C. route del -net 10.10.1.0/24
D. route del 10.10.1.0/24 gw 192.168.246.11
E. ip route delete 10.10.1.0/24

Answer: CE

NEW QUESTION 117
What should be done after updating the configuration file for syslogd in order to make the changes become effective? (Choose TWO correct answers.)

A. No action is required, syslogd will notice the updated configuration file after a few minutes.
B. Send the HUP signal to the syslogd process.
C. Restart the syslogd service.
D. Run the command syslogd -u.

Answer: BC

NEW QUESTION 118
A correctly formatted entry has been added to /etc/hosts.deny to prevent certain clients from connecting to a service but this is having no effect. What could be the cause of this? (Choose TWO correct answers.)

A. tcpd needs to be sent the HUP signal.
B. The service needs to be restarted.
C. The machine needs to be restarted.
D. There is a conflicting entry in /etc/hosts.allow.
E. The service does not support tcpwrapper.

Answer: DE

NEW QUESTION 121
A network client has an ethernet interface (eth0) configured with an IP address in the subnet 192.168.0.0/24. This subnet has a router, with the IP address 192.168.0.1, that connects this subnet to the Internet. What needs to be done on the client to enable it to use the router as its default gateway? (Choose TWO correct answers.)

A. route add default gw 192.168.0.1 eth0
B. ifconfig eth0 defaultroute 192.168.0.1
C. ip route add default via 192.168.0.1 dev eth0
D. echo defaultroute 192.168.0.1 >> /etc/resolv.conf
E. route add defaultgw=192.168.0.1 if=eth0

Answer: AC

NEW QUESTION 124
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 125
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 127
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 129
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 131
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 135
What is incorrect about these entries in /etc/hosts which could be causing host name lookup problems with host2?
host1 192.168.1.12
host2 192.168.1.12

A. Two host names are using the same IP address.
B. The server doing the query is on a different subnet.
C. The fields are out of order.
D. host2 is not a fully qualified domain name.

Answer: C

NEW QUESTION 137
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 140
Which file contains the text message that is displayed after logging into the console? (Specify the full name of the file, including path.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
/etc/motd

NEW QUESTION 143
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 145
The following command has just been run successfully: cd /opt; tar xvf /dev/nst0;
What will happen if the command sequence is run again?

A. An error saying that there is no tape present is generated because the tape has been ejected after being used.
B. The contents of /opt will be restored again.
C. The entire contents of /opt will be replaced with the contents of the next file on the tape.
D. The contents of /opt will have additional content added from the next file on the tape.

Answer: D

NEW QUESTION 149
Which sub command to crypsetup shows information about an encrypted LUKS partition?

A. luksDump
B. luksInfo
C. luksDebug
D. luksLS
E. luksShow

Answer: A

NEW QUESTION 154
Which of the following properties should be recorded in order to monitor the quality of a network link? (Choose two.)

A. Bandwidth in both directions
B. Number of nodes using the link
C. Effective Latency
D. Number of IPv4 and IPv6 packets
E. Number of used TCP ports

Answer: AC

NEW QUESTION 156
What command ensures that the file systems are written to disk after a lot of write operations? (Specify ONLY the command without any path or parameters.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
sync

NEW QUESTION 157

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 161
On a Linux node with multiple active networks interfaces, each having a default route to the Internet, which default route is preferred?

A. The default route with the highest metric value
B. The default route with the highest MTU value
C. The default route with the lowest TTL value
D. The default route with the highest TTL value
E. The default route with the lowest metric value

Answer: E

NEW QUESTION 165
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 169
A web application server contains 64GB of RAM and two swap partitions on normal hard disk drives, each with a size of 64 GB. Within the last month, the average number of user sessions on this server has grown by 20 percent. At the same time, the average usage of RAM increased from 65 to 75 percent, while the swap space is almost not used at all. It is expected that the number of user sessions will continue to increase by about 15 to 20 percent each month. Which of the following reactions would be appropriate in response to these observations? (Choose two.)

A. Delay any hardware upgrade until there is a significant consumption of swap space to ensure an efficient usage of the available hardware
B. Create a RAID 1 device on the two swap partitions to avoid data loss in case swap space has to be used in the future
C. Consider the installation of an additional application server to distribute the load if the expected growth continues over several months
D. Move the web application's scripts and content a ram disk in order to ensure fast access and to avoid the need for swap space
E. Update the hardware to increase the amount of available RAM to avoid using swap space

Answer: CE

NEW QUESTION 170
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 173
After the downloading patch-4.6.4.xz from http://kernel.org, what are the next steps to prepare the build of a version 4.6.4 Linux kernel? (Choose two.)

A. Uncompress the file and move the resulting directory to /usr/src/linux
B. Apply the patch file to the kernel source directory containing kernel version 4.6.0
C. Apply the patch file to the kernel source directory containing kernel version 4.6.3
D. Uncompress the file using xz to get the uncompressed patch file
E. Use patch to apply the uncompressed patch file to the source directory of any previous kernel version

Answer: DE

NEW QUESTION 175
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