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NEW QUESTION: 1

A system has one hard disk, configured as master and connected to the primary IDE controller, and one CD writer, configured as slave and connected to the secondary IDE controller. If the system is correctly configured, which device is used to represent the CD writer?

- A. /dev/sr1
- B. /dev/hdd
- C. /dev/scd0
- D. /dev/hdb
- E. /dev/scd1

Answer: B (LEAVE A REPLY)

NEW QUESTION: 2

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 (LEAVE A REPLY)

Explanation/Reference:

NEW QUESTION: 3

What information is found in the following excerpt from the file /proc/mdstat? (Choose two.)

- A. The information [3/2] means that 3 RAID disks belong to the array and 2 disks are spare. Together they equal the number of available disks

- B. The information [UU_] means, that the raid is missing one disk and is not fully redundant
- C. The device is using version 1.2 metadata to allow LILO and GRUB Legacy to use /dev/md0 as the boot partition. This would not have been necessary with GRUB2
- D. The spare disk /dev/sda1 is used to restore full redundancy after the current recovery
- E. One of the disks in /dev/md0 has failed and a spare disk is used to recreate full redundancy

Answer: B,E ([LEAVE A REPLY](#))

NEW QUESTION: 4

In capacity planning exercises, which tools assist in listing and identifying processes of interest?

(Choose TWO correct answers.)

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 5

What are the important (non-comment) contents of /etc/ld.so.conf?

- A. Directory names
- B. Environment variables
- C. A shell script program
- D. Usernames

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 6

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

Answer:

nosmp

NEW QUESTION: 7

A server has three disks of 80GB each and must manage a database with 4 million records of

30KB each. The best configuration for this server, with the criteria being performance, configurability and flexibility, is:

- A. Use LVM over RAID5
- B. Use just LVM
- C. Use RAID5 over LVM

D. Use LVM over RAID1

E. Use RAID1 over LVM

Answer: A (LEAVE A REPLY)

NEW QUESTION: 8

What is a significant difference between host and zone keys generated by dnssec-keygen?

A. There is no difference.

B. Zone keys must always be generated if DNSSEC is used; host keys are optional

C. Zone key files contain a public and private key.

D. Host keys must always be generated if DNSSEC is used; zone keys are optional

E. Host keys files contain a public and private key.

Answer: C (LEAVE A REPLY)

NEW QUESTION: 9

After a lot of write operations, the changes should be written to the disk.

Please enter the appropriate command, without the path or any options or parameters, that would achieve this.

Answer:

sync

NEW QUESTION: 10

CORRECT TEXT

Which directory contains the system-specific udev rule files? (Specify the absolute path including the directory name)

Answer:

/etc/udev/rules.d, /etc/udev/rules.d/

NEW QUESTION: 11

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

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

B. It creates a ram disk to store volatile data for directories like /tmp to reduce writes to disk

C. It moves the kernel from normal system memory to initram memory to speed up kernel access

D. It copies the root file system's content to RAM to speed up the system and reduce writes to disk

Answer: A (LEAVE A REPLY)

NEW QUESTION: 12

After calling ./configure with its appropriate parameters and no errors, what would be the next command to run?

Answer:

make all -or- make

NEW QUESTION: 13

During which stage of the boot process would this message be seen?

ide_setup: hdc=ide-scsi

- A. Kernel loading.
- B. Hardware initialization and setup.
- C. Boot loader start and hand off to kernel.
- D. Daemon initialization and setup.

Answer: A (LEAVE A REPLY)

NEW QUESTION: 14

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

Answer: C,E (LEAVE A REPLY)

NEW QUESTION: 15

What is the location of the main udev configuration file? (Specify the full path and filename)

Answer:

/etc/udev/udev.conf

NEW QUESTION: 16

What is the purpose of a PTR record?

- A. To provide additional host information.
- B. To direct email to a specific host.
- C. To provide name to IP resolution.
- D. To provide IP to name resolution.
- E. To direct clients to another nameserver.

Answer: (SHOW ANSWER)

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NEW QUESTION: 17

What command discards unused blocks on a mounted file system in order to support SSD devices? (Specify ONLY the command without any path or parameters.)

Answer:

fstrim

NEW QUESTION: 18

What tool can be used to send kernel boot messages to a remote server?

Answer:

netconsole

NEW QUESTION: 19

Which of the following are common Linux filesystem types used for root partitions? (Choose THREE correct answers.)

- A. ext4
- B. XFS
- C. NTFS
- D. Btrfs
- E. VFAT

Answer: A,B,D (LEAVE A REPLY)

NEW QUESTION: 20

Which command could be used to see the kernel messages created from the boot time until now?

- A. initmessage
- B. initm
- C. dmesg
- D. inittab
- E. initmsg

Answer: C (LEAVE A REPLY)

NEW QUESTION: 21

You wish to notify all users that you have to take down a service on which they rely. What command will allow you to send a message to all currently logged on users? Enter only the command, not the path.

Answer:

wall

NEW QUESTION: 22

Your routing configuration relies on eth0 being a 3com card that requires the 3c59x module. What line must be added to modules configuration file, to ensure that eth0 always uses this module?

- A. alias eth0=3c59x
- B. alias eth0 3c59x
- C. set eth0=3c59x
- D. set eth0 3c59x
- E. eth0=3c59x

Answer: B (LEAVE A REPLY)

NEW QUESTION: 23

To check winbind functionality, you have try:

wbinfo -u

getent passwd

What is the next action?

- A. The contents of winbind.conf should be verified
- B. The contents of nsswitch.conf should be verified
- C. The contents of resolv.conf should be verified
- D. The contents of smb.conf should be verified
- E. The contents of lmhosts should be verified

Answer: B (LEAVE A REPLY)

NEW QUESTION: 24

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 (LEAVE A REPLY)

NEW QUESTION: 25

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.)

Answer:

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

NEW QUESTION: 26

What are typical targets in a makefile?

- A. prefix, exec_prefix, bindir, mandir
- B. PATHS, DESTDIR, LIBS, LDFLAGS
- C. clean, install, uninstall
- D. CFLAGS, CPPFLAGS, LIBS, LDFLAGS

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 27

What command is used to mount a floppy disk image under /mnt/floppy?

- A. mount root.img /mnt/floppy
- B. mount --loop root.img /mnt/floppy
- C. mount -1 root.img /mnt/floppy
- D. mount root.img
- E. mount -o loop root.img /mnt/floppy

Answer: E ([LEAVE A REPLY](#))

NEW QUESTION: 28

What command is used to send messages to all users currently logged in? (Specify ONLY the command without any path or parameters.)

Answer:

wall

NEW QUESTION: 29

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. Which of the following commands can be used on the client to enable it to use the router as its default gateway?

(Choose two.)

- A. route add defaultgw=192.168.0.1 if=eth0
- B. route add default gw 192.168.0.1 eth0
- C. ifconfig eth0 defaultroute 192.168.0.1

D. echo defaultroute 192.168.0.1 >>/etc/resolv.conf

E. ip route add default via 192.168.0.1

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 30

Which of the following commands lists IPv4 addresses and MAC addresses of network nodes that the local system has seen on its directly connected IP networks?

A. arp

B. ipadm

C. iwlist

D. ifconfig

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 31

What command is used to force a file-system check, when rebooting?

A. reboot-f

B. shutdown -c -r now

C. shutdown -f now

D. fsck -r

E. shutdown -F -r now

Answer: E ([LEAVE A REPLY](#))

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NEW QUESTION: 32

You have finished updating and resolving dependencies for some source code. What command should you run before recompiling the code into binary form?

A. make install

B. make dep

C. make clean

D. make all

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 33

Which sub command to cryptsetup shows information about an encrypted LUKS partition?

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 34

What are the options to node.startup in the iscsid.conf file? (Choose TWO correct answers.)

- A. login
- B. manual
- C. discover
- D. initiate
- E. automatic

Answer: B,E ([LEAVE A REPLY](#))

NEW QUESTION: 35

You need to recover some data from a magnetic tape and it is the second file on the media. The following command is being attempted:

```
mt -f /dev/nst0 _____
```

What is the mt operation that will position the tape on the first block of the second file? (Please specify the operation with no other parameters)

Answer:

```
asf 2
```

NEW QUESTION: 36

CORRECT TEXT

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?

Answer:

```
/etc/rc2.d, /etc/rc2.d/, /etc/init.d/rc2.d, /etc/init.d/rc2.d/
```

NEW QUESTION: 37

In order to find all library dependencies of /usr/bin/foo, which of the following statement is true?

- A. The ls -la command has to be run in the /usr/bin directory, to show all library dependencies of foo.
- B. Library dependencies are shown in the /usr/lib directory.
- C. It's necessary to compile the program again to check the library dependencies of foo.

- D. Running ldd against /usr/bin/foo will show the required libraries
- E. Running ldconfig against /usr/bin/foo will show the required libraries

Answer: D (LEAVE A REPLY)

NEW QUESTION: 38

What does the -p3 option to the patch command do?

- A. It instructs patch to look up to three lines of context before or after the declared line in the original file for a match.
- B. It will strip off path information from each file mentioned in the patch file up to and including the third / character.
- C. patch continues execution as long as there are three or fewer errors.
- D. It instructs patch to conform more strictly to the POSIX standard.
- E. patch will keep three previous versions of each file in the output to prevent loss of change history.

Answer: (SHOW ANSWER)

NEW QUESTION: 39

The correct command sequence to create logical volumes on a Linux system is:

- A. mke2fs, pvcreate, vgcreate, lvcreate, mount
- B. pvcreate, vgcreate, lvcreate, mke2fs, mount
- C. pvcreate, lvcreate, vgcreate, mount, mke2fs
- D. vgcreate, lvcreate, pvcreate, mount, mke2fs
- E. lvcreate, pvcreate, vgcreate, mount, mke2fs

Answer: B (LEAVE A REPLY)

NEW QUESTION: 40

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

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

Answer: (SHOW ANSWER)

NEW QUESTION: 41

CORRECT TEXT

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

Answer:

/dev/disk/by-uuid, by-uuid, /dev/disk/by-uuid/

NEW QUESTION: 42

The Human Interface Device (HID) is being used, which of the following represents a USB mouse connected to the PC?

- A. /dev/ttyUSB0
- B. /dev/ttyS0
- C. /dev/input/mice
- D. /dev/usb/mouse0
- E. /dev/psaux

Answer: C (LEAVE A REPLY)

NEW QUESTION: 43

To securely use dynamic DNS updates, the use of TSIG is recommended. Which TWO statements about TSIG are true?

- A. TSIG is used in zone files
- B. TSIG is a signal to start a zone update
- C. TSIG is used only in server configuration
- D. Servers using TSIG must be in sync (time zone!)
- E. TSIG is used for zone data encryption

Answer: C,D (LEAVE A REPLY)

NEW QUESTION: 44

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

Answer: A (LEAVE A REPLY)

NEW QUESTION: 45

CORRECT TEXT

After configuring a new kernel, what file under /usr/src/linux/ contains the configuration?

Answer:

/usr/src/linux/.config, .config

NEW QUESTION: 46

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

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

E. /proc/mdstatus

Answer: A (LEAVE A REPLY)

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NEW QUESTION: 47

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

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

Answer: B (LEAVE A REPLY)

NEW QUESTION: 48

The swap usage on a system needs to be checked. Which TWO commands can be used to display a swap usage summary?

- A. swapconfig
- B. swapshow
- C. swapon -s
- D. cat /proc/swaps
- E. cat /etc/fstab

Answer: (SHOW ANSWER)

NEW QUESTION: 49

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

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

Answer: C (LEAVE A REPLY)

NEW QUESTION: 50

What tool can you use to print shared library dependencies?

- A. ldev
- B. libpath
- C. ldd
- D. libdep
- E. ldconfig

Answer: C (LEAVE A REPLY)

NEW QUESTION: 51

What mechanism does collectd use to gather monitoring information on systems?

- A. It uses a library of plugins.
- B. A master server connects to a collectd service on each machine to retrieve the information.
- C. It makes SNMP queries to the clients being monitored.
- D. It collects its own information on each server and sends that to a master server.

Answer: A (LEAVE A REPLY)

NEW QUESTION: 52

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.)

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

Answer: C,D (LEAVE A REPLY)

NEW QUESTION: 53

Which of the filter keywords below could be used in the following command:

tcpdump -i eth0 _____ 203.0.113.8

(Choose three.)

- A. ip
- B. src
- C. dst
- D. ipv6
- E. host

Answer: B,C,E (LEAVE A REPLY)

NEW QUESTION: 54

Why has mkinitrd been deprecated in favour of mkinitramfs in 2.6 series kernels? (Select TWO correct answers)

- A. SATA hard drives are unsupported
- B. It isn't loaded until later in the boot process
- C. mkinitrd relies on devfs
- D. An easy to use GUI is available for mkinitramfs

Answer: A,C ([LEAVE A REPLY](#))

NEW QUESTION: 55

Please enter, separated with a space but without paths, the TWO archive programs needed in addition to gzip, to extract files from a .deb file without using the Debian package manager.

Answer:

ar tar

NEW QUESTION: 56

Which program can be used to adjust the DMA settings of an IDE hard drive? Please enter it without path, parameters or arguments

Answer:

hdparm

NEW QUESTION: 57

What command is used to create an ISO9660 filesystem that can be properly accessed from a Windows 95/98 machine?

- A. mkisofs -d -T -o backup.iso /home/joe
- B. mkisofs -J -T -r -o backup.iso /home/joe
- C. mkisofs -j -T -o backup.iso /home/joe
- D. mkisofs -l -o backup.iso /home/joe
- E. mkisofs -D -T -o backup.iso /home/joe

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 58

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

- A. To avoid writing to the disk, unless the root password is known.
- B. Because this way crackers cannot collect information about root with boot sniffers
- C. To avoid other operating systems overwriting the Linux root partition
- D. Because the disk has its own write protection that cannot change by the operating system.

E. Because if problems with the root file system are detected during the boot, fsck can be run, without risk of damage.

Answer: E ([LEAVE A REPLY](#))

NEW QUESTION: 59

CORRECT TEXT

Please enter the complete path to the main SysV init process configuration file.

Answer:

/etc/inittab

NEW QUESTION: 60

What command is used to permanently set the options in the kernel when making a boot disk?

- A. rdev
- B. kconfig
- C. dd
- D. blockdev
- E. lilo

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 61

Which of the following is a side effect of extensive usage of swap space?

- A. The memory may become fragmented and slow down the access to memory pages. However, this can be kept to a minimum by the regular use of memfrag -d.
- B. Applications need to restart because their virtual memory addresses change to reflect memory relocation to the swap address area.
- C. Since processes always exist completely in either RAM or swap, regular RAM may become unused if the kernel does not move processes back from the swap space to memory.
- D. The root filesystem may become full because swap space is always located on the system root partition.
- E. The overall system performance may degrade because of heavy hard disk use and memory reorganization.

Answer: E ([LEAVE A REPLY](#))

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NEW QUESTION: 62

With which command can the reserved blocks on /dev/hda1 be displayed? (Enter the command with all parameters and/or options)

Answer:

tune2fs -l /dev/hda1

NEW QUESTION: 63

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

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 64

What is the purpose of the /etc/sysctl.conf file?

- A. It identifies system services that are started directly by the init process when the computer boots.
- B. It specifies the filesystems that are mounted at boot time or that may be mounted manually by ordinary users.
- C. It holds miscellaneous system configuration options that are set via the sysctl utility when the system boots.
- D. It specifies the order in which system services are started when the computer boots.

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 65

When compiling kernel modules, which make target will remove most generated files but keep the config file and enough build support to build external modules? (Please enter only the make target and no other words)

Answer:

clean

NEW QUESTION: 66

After a crash, the system needs to be booted into runlevel 1. Which option(s) must be typed at the LILO prompt to achieve this, assuming that the working kernel image is called 'linux'?

Answer:

linux 1

NEW QUESTION: 67

Which command is used to install a GRUB boot loader into the master boot record?

- A. grub-install
- B. grub-mbr-setup
- C. grub-mkconfig
- D. grub-glue-mbr
- E. grub-install-mbr

Answer: (SHOW ANSWER)

NEW QUESTION: 68

Which of the following commands should be used in a bash script that needs a variable containing the IP address of the eth0 interface?

The output for the command `ifconfig eth0` is shown below:

```
eth0 Link encap:Ethernet HWaddr 00:0C:29:CB:FA:30
inet addr:192.168.246.11 Bcast:192.168.246.255 Mask:255.255.255.0 UP
BROADCAST
RUNNING MULTICAST MTU:1500 Metric:1
RX packets:4721 errors:0 dropped:0 overruns:0 frame:0 TX packets:3216
errors:0
dropped:0 overruns:0 carrier:0 collisions:0 txqueuelen:1000
RX bytes:445184 (434.7 Kb) TX bytes:512968 (500.9 Kb) Interrupt:185
Base address:0x1080
```

- A. `IP=$(LANG= ifconfig eth0 | awk '{ print $2 }' | cut -f2)`
- B. `IP=$(LANG= ifconfig eth0 | grep inet | cut -d: -f2)`
- C. `IP=$(LANG= ifconfig eth0 | grep inet | cut -d: -f2 | awk { print $1 }`)`
- D. `IP=$(LANG= ifconfig eth0 | grep inet | awk '{ print $2 }' | cut -d: -f2)`
- E. `IP=$(LANG= ifconfig eth0 | awk '{ print $3 }`)`

Answer: (SHOW ANSWER)

NEW QUESTION: 69

Which TWO statements about crontab are true?

- A. The cron daemon reloads crontab files automatically when necessary.
- B. Every user may have their own crontab.
- C. hourly is the same as "0 * * * *".
- D. Changing a crontab requires a reload/restart of the cron daemon.
- E. A cron daemon must run for each existing crontab.

Answer: (SHOW ANSWER)

NEW QUESTION: 70

According to the configuration below, what is the e-mail address of the administrator for this domain?

```
$TTL 86400
$ORIGIN lpi.org
@ IN SOA test.lpi.org hostmaster.lpi.org (
2005010101
10800
604800
86400 )
```

Answer:

hostmaster@lpi.org

NEW QUESTION: 71

After a lot of write operations, the administrator want to ensure that the kernel flushes the file system buffers to disk. Which command will accomplish this? (Specify ONLY the command without any path or parameters.)

Answer:

sync

NEW QUESTION: 72

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 (LEAVE A REPLY)

NEW QUESTION: 73

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

- A. Nowhere. The init configuration file wasn't properly modified
- B. In the initrd image file
- C. In the boot loader configuration file
- D. In /etc/ runlevel under default
- E. In the /etc/rc.d/rc.local file

Answer: C (LEAVE A REPLY)

NEW QUESTION: 74

What are the main network services used by the PXE protocol? (Choose TWO correct answers.)

- A. DNS
- B. NFS
- C. TFTP
- D. DHCP
- E. HTTP

Answer: C,D (LEAVE A REPLY)

NEW QUESTION: 75

CORRECT TEXT

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)

Answer:

uid

NEW QUESTION: 76

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

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

Answer: C (LEAVE A REPLY)

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NEW QUESTION: 77

What is the functionality that PXE provides?

- A. The ability to verify a system's configuration before completing the boot process.
- B. The ability to verify a system's configuration after completing the boot process.

- C. The ability to launch an remote X11 desktop on a computer.
- D. The ability to boot a computer using its network interface.

Answer: D (LEAVE A REPLY)

NEW QUESTION: 78

The following is an excerpt from the output of tcpdump -nli eth1:

```
1 3:03:17.277327 IP 192.168.123.5.1065 > 192.168.5.112.21: Flags [.], ack 1 (truncated)
1 3:03:17.598624 IP 192.168.5.112.21 > 192.168.123.5.1065: Flags [P.], seq (truncated)
```

Which network service or protocol was used?

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

Answer: B (LEAVE A REPLY)

NEW QUESTION: 79

What is the purpose of the command udevadm monitor?

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

Answer: B (LEAVE A REPLY)

NEW QUESTION: 80

Which of these would be the simplest way to configure BIND to return a different version number to queries?

- A. Set version=my version in BIND's configuration file.
- B. Set version-bind "my version" in BIND's configuration file.
- C. Set version-string "my version" in BIND's configuration file.
- D. Compile BIND with the option -blur-version=my version.
- E. Set version "my version" in BIND's configuration file.

Answer: E (LEAVE A REPLY)

NEW QUESTION: 81

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

E. In the /boot/initramfs file

Answer: B (LEAVE A REPLY)

NEW QUESTION: 82

How can the label root be added to the ext2 file-system on /dev/sda1? Please enter the command with all parameter(s) and/or option(s):

Answer:

```
tune2fs -L root /dev/sda1
```

NEW QUESTION: 83

The user fred creates a cron job to retrieve email from a remote server using the fetchmail program. What is true of this cron job, if it's properly configured?

- A. The fetchmail process runs with the root UID
- B. The fetchmail process runs with the fred UID.
- C. The fetchmail process runs with the nobody UID.
- D. The fetchmail process runs with the crontab UID.

Answer: B (LEAVE A REPLY)

NEW QUESTION: 84

What command will remove the physical volume /dev/sda4 from the volume group /dev/vg0?

(Provide the command with options and parameters)

Answer:

```
vgreduce /dev/vg0 /dev/sda4
```

NEW QUESTION: 85

When is historical data of resource usage important? (Select THREE correct answers.)

- A. Troubleshooting a software problem.
- B. Predicting when resources will need to be increased.
- C. Diagnosing capacity problems.
- D. Selecting a computer vendor.
- E. Identifying processes killed during out of memory occurrences.

Answer: A,B,C (LEAVE A REPLY)

NEW QUESTION: 86

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

- A. modprobe -i dummy
- B. modinfo -n dummy
- C. depmod -n dummy
- D. modshow -p dummy

E. modpath -v dummy

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 87

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. 0

E. 36.6

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 88

CORRECT TEXT

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.)

Answer:

/etc/issue

NEW QUESTION: 89

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/sdd

B. /dev/scd1

C. /dev/sr1

D. /dev/hdb

E. /dev/sr0

Answer: E ([LEAVE A REPLY](#))

NEW QUESTION: 90

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

A. hdparm -d 1 /dev/hda

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

Answer: A (LEAVE A REPLY)

NEW QUESTION: 91

How would you run named inside a chroot jail as user nobody and group nogroup?

- A. named runs as nobody/nogroup by default, so just invoke it as "name --chroot /var/named/root"
- B. Add "user nobody; group nogroup; chroot /var/named/root" to named.conf
- C. Use /usr/bin/chroot after running "chown nobody.nogroup named"
- D. Invoke named as "named -t /var/named/root -u nobody"

Answer: (SHOW ANSWER)

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NEW QUESTION: 92

Which script, in the linux/scripts directory, can be used to add up grades or updated code to the

2.6.xx kernel source code?

- A. upgrade
- B. patch-kernel
- C. upgrade-kernel
- D. kernel-update
- E. patch

Answer: B (LEAVE A REPLY)

NEW QUESTION: 93

The Linux kernel is loaded successfully by the boot loader. However, straight after the kernel mounts the root filesystem, the boot process stops and an error message regarding init is shown.

Which of the following actions is the best one to be used in order to identify and fix the problem?

- A. The administrator reboots the system with a recovery disk and restores from a backup.
- B. The administrator reboots the system and tells init, through the boot loader prompt, to use a different runlevel.
- C. The administrator reboots the system with a recovery disk and installs a new kernel.
- D. The administrator reboots the system with a recovery disk and checks the root file system for errors with fsck.
- E. The administrator reboots the system and tells the kernel, through the boot loader prompt, to use /bin/bash as the initial process.

Answer: E (LEAVE A REPLY)

NEW QUESTION: 94

Which THREE statements concerning automounter are true?

- A. Only one entry in master map can refer to each map file
- B. Changes to auto.master require automounter to reload its configuration
- C. The autofs service does not need to be restarted after changing automounter map files
- D. The automounter service does not rely on the kernel configuration
- E. For each entry in auto.master, a separate automounter daemon is started

Answer: B,C,E (LEAVE A REPLY)

NEW QUESTION: 95

Which hdparm command-line options will set an IDE hard disk to use both DMA and 32-bit I/O support?

- A. -f -g
- B. -L 1 -i 32
- C. -L 1 -i 1
- D. -p 1 -A 1
- E. -d 1 -c 1

Answer: E (LEAVE A REPLY)

NEW QUESTION: 96

After configuring a new kernel, what file under /usr/src/linux/ contains the configuration?

Answer:

/usr/src/linux/.config, .config

NEW QUESTION: 97

On a Linux node with multiple active network 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 lowest TTL value
- C. The default route with the lowest metric value
- D. The default route with the highest MTU value

E. The default route with the highest TTL value

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 98

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)

Answer:

device.map

NEW QUESTION: 99

On a Debian based system, which command can be used to stop the apache2 init script from running at boot time once the real script has been removed from /etc/init.d/?

- A. update-rc.d remove apache2
- B. update-rc.d delete apache2
- C. update-rc.d apache2 remove
- D. update-rc.d -d apache2
- E. update-rc.d apache2 delete

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 100

How can DMA be enabled for the device /dev/hda?

- A. echo "1" >/proc/ide/hda/dma
- B. dma add /dev/hda
- C. sysctl -w dev.ide.dma=1
- D. hdparm -d 1 /dev/hda
- E. insmod dma dev=/dev/hda

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 101

What effect does the -foption to the update-rc.dcommand have on files in the /etc/rcX.d/and / etc/init.d/directories?

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

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 102

CORRECT TEXT

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.

Answer:

dig, time dig, time host, time nslookup

NEW QUESTION: 103

With which command can the reserved blocks count for a file-system be seen? (Please enter only the command without the path or any parameters or options)

Answer:

tune2fs

NEW QUESTION: 104

CORRECT TEXT

What command discards unused blocks on a mounted file system in order to support SSD devices? (Specify ONLY the command without any path or parameters.)

Answer:

fstrim

NEW QUESTION: 105

When building an RPM package, which rpmbuild option is used to unpack sources and apply patches before proceeding with the next steps?

- A. -ba
- B. -bs
- C. -bp
- D. -be
- E. -bb

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 106

What command is used to create a file-system to be burned to a CD? (Please enter the command without the path or any options or parameters)

Answer:

mkisofs

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NEW QUESTION: 107

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

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

Answer: E ([LEAVE A REPLY](#))

NEW QUESTION: 108

Following the instructions contained in the README file of an application, the make command was executed but the following message was displayed on the screen:

Make: *** No targets specified and no makefile found. Stop.

Which are the TWO possible causes for this problem?

- A. The make command is not installed in the system.
- B. The user has no write permission to the Makefile, so he cannot execute the make command correctly.
- C. The make command was executed in the right place but the command to generate the Makefile was not properly executed.
- D. The make command is being executed in the wrong location.
- E. The development libraries needed by make are not installed on the system.

Answer: C,D ([LEAVE A REPLY](#))

NEW QUESTION: 109

After manually compiling and installing a new kernel, what has to be done regarding the initramfs?

- A. The system should be restarted since the initramfs reconfigures itself for the new kernel during the startup of the system
- B. Since the initramfs contains kernel modules, a new initramfs must be built for the new kernel
- C. During the compilation of the Linux kernel, a new initramfs is built automatically. The new initramfs only needs to be installed
- D. To initramfs is independent of the kernel and should not be modified unless the hardware configuration of the machine has changed

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 110

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. lvsnapshot
- B. lvsnap
- C. lvcreate
- D. lvm2
- E. lvclone

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 111

Which of the following entries are NOT valid in /etc/raidtab?

- A. nr-spare-disks
- B. chunk-size
- C. superblock-persistent
- D. nr-raid-disks

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 112

Which e2fsck option is used to automatically repair an ext2 file system?

Answer:

-p

NEW QUESTION: 113

CORRECT TEXT

What is the device name for the first SCSI tape drive on a system when used without automatic rewinding after each write operation? (Please specify the full path to the device.)

Answer:

/dev/nst0

NEW QUESTION: 114

Configuration of X is complete and now the default runlevel can be changed from runlevel 3 to runlevel 5. In which of the following configuration files should this be done?

Answer:

/etc/inittab

NEW QUESTION: 115

What is the usable disk space of a RAID 5 array of five 18GB drives with one drive dedicated as a spare?

- A. 54GB
- B. 90GB
- C. 36GB

D. 18GB

E. 72GB

Answer: A (LEAVE A REPLY)

NEW QUESTION: 116

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. Remount the logical volume.

D. Run lvresize.

Answer: B (LEAVE A REPLY)

NEW QUESTION: 117

After configuring a new 2.4 series kernel, all dependencies, such as include files, need to be created. How can this be achieved? Please enter the complete command.

Answer:

make dep

NEW QUESTION: 118

Due to extreme system use, a Linux system requires some additional swap space. To initialize 5 GB 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;

B. dd if=/dev/zero of=/tmp/swapfile bs=1024 count=5120000; mkswap /tmp/swapfile;

C. mount /tmp/swapfile

dd if=/dev/zero of=/tmp/swapfile bs=1024 count=5120000; swapon /tmp/swapfile

D. swapon /tmp/swapfile

touch -5G /tmp/swapfile; swapon /tmp/swapfile

E. mkswap /tmp/swapfile 512000; swapon /tmp/swapfile

Answer: A (LEAVE A REPLY)

NEW QUESTION: 119

Which of the following commands shows capabilities and usable frequencies for the wireless interface wlan0?

A. iw phy phy0 info

B. iw dev wlan0 info

C. iw dev wlan0 show

D. iw phy wlan0 show

E. iw phy0 show

Answer: (SHOW ANSWER)

Explanation/Reference:

NEW QUESTION: 120

Which of these commands allows you to use shared libraries that are in /usr/local/lib?

- A. ldd /usr/local/lib
- B. ldconfig /usr/local/lib
- C. export LD_PRELOAD=/usr/local/lib
- D. export LD_LIBRARY_PATH=/usr/local/lib

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 121

You find that a host (192.168.1.4) being used on one of your client's networks has been compromised with a backdoor program listening on port 31337.

Your client requests a list of originating IP addresses connecting to that port.

Using a Linux workstation as traffic analyzer, which of the following commands would gather the data requested by the client?

- A. tcpdump host 192.168.1.4 and port 31337 -w out
- B. arpswatch -n 192.168.1.4/32 -p 31337 > capture
- C. pcap -d 192.168.1.4:31337
- D. ipwatch --syn 192.168.1.4 -p 31337 --log=out
- E. nmap host 192.168.1.4:31337

Answer: A ([LEAVE A REPLY](#))

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