

Lpi.201-450.v2026-05-07.q141

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NEW QUESTION: 1

Fill in the blank.

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.)

Answer:

sync

NEW QUESTION: 2

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

Answer: D (LEAVE A REPLY)

NEW QUESTION: 3

CORRECT TEXT

Which command is used to unload a single module currently loaded by the kernel without unloading any modules that it depends upon? (Specify the command with or without path information)

Answer:

rmmod, /sbin/rmmod

NEW QUESTION: 4

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 5

You decide to use the logical volume manager (LVM) to manage four 4GB disk drives. After creating the volume group, how would you create a 10GB logical volume called big-app?

- A. `vgcreate -p 10g -n /dev/vg01/big-app`
- B. `vgcreate -l 2560 /dev/vg01/big-app`
- C. `lvcreate -v 10240 /dev/vg01/big-app`
- D. `mkldm -v 10240 -n /dev/vg01/big-app`
- E. `lvcreate -l 2560 vg01 -n big-app`

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

NEW QUESTION: 6

A BIND server should be upgraded to use TSIG. Which configuration parameters should be added, if the server should use the algorithm hmac-md5 and the key skrKc4DoTzi/tAkllPi7JZA== ?

- A. `key server.example.com. {
algorithm hmac-md5;
secret skrKc4DoTzi/tAkllPi7JZA==;
};`
- B. `key server.example.com. {
algorithm=hmac-md5;
secret="skrKc4DoTzi/tAkllPi7JZA==";
};`
- C. `key server.example.com. {`

```
algorithm hmac-md5;  
secret "skrKc4DoTzi/tAkllPi7JZA==";  
};
```

```
D. key server.example.com. {  
algorithm hmac-md5  
secret "skrKc4DoTzi/tAkllPi7JZA=="  
};
```

```
E. TSIG server.example.com.  
algorithm hmac-md5;  
secret "skrKc4DoTzi/tAkllPi7JZA==";  
};
```

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

NEW QUESTION: 7

Which mount option must be used in the example /etc/fstab entry below, to ensure that a specific filesystem is not mounted when the system is booted?

```
/dev/hdd /media/cdrom iso9660 _____,ro 0 0
```

Answer:

noauto

NEW QUESTION: 8

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. mkswap /tmp/swapfile 512000; swapon /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. dd if=/dev/zero of=/tmp/swapfile bs=1024 count=5120000; mkswap /tmp/swapfile;

E. swapon /tmp/swapfile

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

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

NEW QUESTION: 9

To remove the patch patch-2.4.28.tar.bz2 from a kernel source tree, the command that must be used is:

A. bunzip2 -c ../patch-2.4.28.tar.bz2 | patch -Rp1

B. bunzip2 -c ../patch-2.4.28.tar.bz2 | unpatch -p1

C. bunzip2 -c ../patch-2.4.28.tar.bz2 | patch -rp1

D. bunzip2 ../patch-2.4.28.tar.bz2 | unpatch -p1

E. bunzip2 ../patch-2.4.28.tar.bz2 | patch -rp1

F. bunzip2 ../patch-2.4.28.tar.bz2 | patch -Rp1

Answer: A (LEAVE A REPLY)

NEW QUESTION: 10

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: 11

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

```
Personalities : [raid6] [raid5] [raid4]
                 Professional
md0 : active raid5 sdb1[8] (S) sdc1[7] sda1[4] (S) sdd1[6] sde1[5]
      1046528 blocks super 1.2 level 5, 512k chunk, algorithm 2 [3/2] [UU_]
      [===>.....] recovery = 15.9% (83808/523264) finish=0.1min
      speed=71880K/sec
      unused devices: <none>
```

- A. 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
- B. The spare disk /dev/sda1 is used to restore full redundancy after the current recovery
- C. The information [UU_] means, that the raid is missing one disk and is not fully redundant
- D. One of the disks in /dev/md0 has failed and a spare disk is used to recreate full redundancy
- E. 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

Answer: C,D (LEAVE A REPLY)

NEW QUESTION: 12

According to the Filesystem Hierarchy Standard (FHS), what is the path to the Linux kernel source and may be a symbolic link to the real Linux source code? (Please specify the full path with no version information.)

Answer:

/usr/src/linux, /usr/src/linux/

NEW QUESTION: 13

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, 15, and 30 seconds
- B. 15, 30 and 60 seconds

- C. 15, 30 and 60 minutes
- D. 1, 15 and 30 minutes
- E. 1, 5 and 15 minutes

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

NEW QUESTION: 14

Which command, with options, could be used to change an ext2 file system on /dev/hda1 to an ext3 file system?

Answer:

tune2fs -j /dev/hda1

NEW QUESTION: 15

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

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

NEW QUESTION: 16

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

Answer: ([SHOW ANSWER](#)**)**

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NEW QUESTION: 17

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: 18

Which archive format is used to create an initramfs image?

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

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

NEW QUESTION: 19

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

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

NEW QUESTION: 20

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

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

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

NEW QUESTION: 21

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

- A. back
- B. lost+found

- C. recover
- D. lost

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

NEW QUESTION: 22

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

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

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

NEW QUESTION: 23

Which of the following commands creates a Btrfs subvolume named volume in /mnt?

- A. btrfs subvolume add -n volume /mnt
- B. btrfs subvolume new volume /mnt
- C. btrfs create subvolume /mnt volume
- D. btrfs-subvolume create /mnt/volume
- E. btrfs subvolume create /mnt/volume

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

NEW QUESTION: 24

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

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

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

NEW QUESTION: 25

When bash is invoked as an interactive login shell, which of the following sentences is true?

- A. It first reads and executes commands in /etc/bashrc and then does the same for /etc/profile.
- B. It ignores /etc/profile and only reads and executes commands in ~/.bashrc.
- C. It first reads and executes commands in /etc/profile and then does the same for ~/.bash_profile, ~/.bash_login and ~/.profile.

D. It first reads and executes commands in /etc/profile and then does same for ~/.bash_profile and ~/.bashrc.

E. It reads and executes commands in ~/.bashrc only if /etc/profile or another initialisation script calls it.

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

https://www.gnu.org/software/bash/manual/html_node/Bash-Startup-Files.html

NEW QUESTION: 26

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

A. DNS

B. HTTP

C. DHCP

D. TFTP

E. NFS

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

NEW QUESTION: 27

You want to change the file that contains the message which is used at the login prompt when users log in locally. Please enter the file including the path.

Answer:

/etc/issue

NEW QUESTION: 28

CORRECT TEXT

Which is the main configuration file for the SystemV init process? (Specify the full name of the file, including path.)

Answer:

/etc/inittab

NEW QUESTION: 29

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

A. To initramfs is independent of the kernel and should not be modified unless the hardware configuration of the machine has changed

B. During the compilation of the Linux kernel, a new initramfs is built automatically. The new initramfs only needs to be installed

C. The system should be restarted since the initramfs reconfigures itself for the new kernel during the startup of the system

D. Since the initramfs contains kernel modules, a new initramfs must be built for the new kernel

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 30

Which of the following init systems comes along with an own UEFI boot loader?

- A. Upstart
- B. OpenRC
- C. SysVinit
- D. launchd
- E. systemd

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

NEW QUESTION: 31

How can a journal added, non-destructively, to the ext2 file-system on /dev/dg/lv05?

Please enter the command with all parameter(s):

Answer:

tune2fs -j /dev/dg/lv05

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NEW QUESTION: 32

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

- A. shutdown -c -r now
- B. shutdown -f now
- C. shutdown -F -r now
- D. reboot-f
- E. fsck -r

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

NEW QUESTION: 33

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

- A. It holds miscellaneous system configuration options that are set via the sysctl utility when the system boots.
- B. It identifies system services that are started directly by the init process when the computer boots.

- C. It specifies the order in which system services are started when the computer boots.
- D. It specifies the filesystems that are mounted at boot time or that may be mounted manually by ordinary users.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 34

How can the label rootbe added to the ext4 filesystem on /dev/sda1?

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

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

NEW QUESTION: 35

How do /etc/profile and /etc/bashrc differ?

- A. /etc/profile is a tcsh logout script; /etc/bashrc holds bash environment variables.
- B. /etc/profile holds user login statistics; /etc/bashrc holds user shell preferences.
- C. /etc/profile holds user account data; /etc/bashrc is a bash startup script.
- D. /etc/profile is a login script; /etc/bashrc is a non-login script.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 36

A GRUB boot loader installed in the MBR was accidentally overwritten. After booting with a rescue CD-ROM, how can the lost GRUB first stage loader be recovered?

- A. Run fdisk --mbr /dev/had assuming that the boot harddisk is /dev/hda.
- B. Run grub-install after verifying that grub.conf is correct.
- C. Running mformat will create a new MBR and fix GRUB using info from grub.conf
- D. Install LILO since there is no easy way to recover GRUB
- E. Use dd to restore a previous backup of the MBR

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

NEW QUESTION: 37

What information does the file modules.dep provide?

- A. A list of all modules available to the kernel.
- B. A list of modules required by each module.
- C. A list of modules the kernel needs to run.
- D. A list of devices and their module name.
- E. A list of modules compiled for this kernel.

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

NEW QUESTION: 38

The server has two network cards. The driver for the first card is the module 8139too and the driver for the second card is the module ne2k-pci. How is it possible to ensure that the card using the 8139too driver is detected before the card using the ne2k-pci driver?

- A. modprobe 8139too; modprobe ne2k-pci
- B. ifconfig modadd eth0=8139too, eth1=ne2k-pci
- C. modprobe eth0=8139too, eth1=ne2k-pci
- D. install mod 8139too; install mod ne2k-pci
- E. modprobe 8139too dev=eth0; modprobe ne2k-pci dev=eth1

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

NEW QUESTION: 39

Which type of DNS record defines which server(s) email for a domain should be sent to?

Answer:

MX

NEW QUESTION: 40

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

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

Answer: ([SHOW ANSWER](#)**)**

NEW QUESTION: 41

To check winbind functionality, you have try:

wbinfo -u

getent passwd

What is the next action?

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

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

NEW QUESTION: 42

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

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

NEW QUESTION: 43

What is the purpose of the command vgextend?

- A. Extend a volume group's footprint on disk.
- B. Create a volume group which uses all available space on disk.
- C. Add physical volumes to an existing volume group.
- D. Increase the number of days between scheduled error checking.

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

NEW QUESTION: 44

What directive can be used in named.conf to restrict zone transfers to the 192.168.1.0/24 network?

Answer:

allow-transfer { 192.168.1.0/24; };

NEW QUESTION: 45

Which of the following commands can be used to access the content of a ramdisk file (/boot/initrd) used by the kernel at boot time?

- A. cp /boot/initrd /tmp/initrd.gz; gunzip initrd.gz; mount /tmp/initrd /mnt/ -o loop
- B. cp /boot/initrd /tmp/initrd.gz; gunzip initrd.gz; mount /tmp/initrd /mnt/
- C. mkinitrd -d /boot/initrd; mount /boot/initrd /mnt/ -o loop
- D. cp /boot/initrd /tmp/initrd.gz; mount /tmp/initrd /mnt/ -o loop
- E. mount /boot/initrd /mnt/ -o loop; cat /mnt

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

NEW QUESTION: 46

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
2	03.0.113.162	0.0.0.0	255.255.255.255	UH	0	0	0	ppp0
1	72.16.87.0	0.0.0.0	255.255.255.0	U	0	0	0	eth0

```
1 92.168.246.0 0.0.0.0 255.255.255.0 U 0 0 0 eth1
1 0.10.1.0 192.168.246.11 255.255.255.0 UG 0 0 0 eth1
1 27.0.0.0 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 -net 10.10.1.0/24
- C. route del 10.10.1.0/24 gw 192.168.246.11
- D. ip route delete 10.10.1.0/24
- E. route del 10.10.1.0/24

Answer: B,D (LEAVE A REPLY)

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NEW QUESTION: 47

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

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

Answer: A,D (LEAVE A REPLY)

NEW QUESTION: 48

What script is included with the kernel source to patch a kernel?

- A. update-kernel
- B. apply-patch
- C. patch-kernel
- D. patch

Answer: C (LEAVE A REPLY)

NEW QUESTION: 49

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: 50

CORRECT TEXT

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.)

Answer:

10.1.52.145

NEW QUESTION: 51

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: 52

What command should be used to find out what PCI devices can be seen, without querying the kernel?

- A. lspci -v
- B. lspci -x
- C. lspci -p
- D. lspci -b
- E. lspci -s

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

NEW QUESTION: 53

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

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

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

NEW QUESTION: 54

Which of the following files are used to resolve hostnames to IP addresses? (Choose TWO correct answers.)

- A. /etc/systems
- B. /etc/resolv.conf
- C. /etc/network
- D. /etc/dns.conf
- E. /etc/hosts

Answer: (SHOW ANSWER)

NEW QUESTION: 55

If the command `arp -f` is run, which file will be read by default?

- A. /etc/hosts
- B. /etc/networks
- C. /etc/ethers
- D. /etc/arp.conf
- E. /var/cache/arp

Answer: C (LEAVE A REPLY)

NEW QUESTION: 56

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. `lvcreate`
- B. `lvsnap`
- C. `lvsnapshot`
- D. `lvm2`
- E. `lvccclone`

Answer: A (LEAVE A REPLY)

NEW QUESTION: 57

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

Answer: B (LEAVE A REPLY)

NEW QUESTION: 58

Considering the following kernel IP routing table now, which of the following commands must be remove the route to the network 10.10.1.0/24?

Kernel IP routing table

Destination	Gateway	Genmask	Flags	Metric	Ref	Use	Iface
-------------	---------	---------	-------	--------	-----	-----	-------

200.207.199.162	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	200.207.199.162	0.0.0.0	UG	0	0	0	ppp0
---------	-----------------	---------	----	---	---	---	------

A. route del 10.10.1.0

B. route del -net 10.10.1.0/24

C. route del -net 10.10.1.0

D. route del 10.10.1.0/24 gw 192.168.246.11

E. route del 10.10.1.0/24

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 59

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.)

Answer:

sync

NEW QUESTION: 60

Which of the following is a userspace application used to modify EFI entries on a Linux system?

A. configefi

B. efieditor

C. efimanager

D. efibootmgr

E. efibootedit

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

NEW QUESTION: 61

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

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

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NEW QUESTION: 62

Which of the following properties should be recorded in order to monitor the quality of a network link?

(Choose two.)

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 63

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

Answer:

mkisofs, genisoimage

NEW QUESTION: 64

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

NEW QUESTION: 65

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

Answer:

-p

NEW QUESTION: 66

Which port must be open on a firewall, to allow a DNS server to receive queries? (Enter only the port number).

Answer:

53

NEW QUESTION: 67

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

```
Personalities : [raid6] [raid5] [raid4]
md0 : active raid5 sdb1[3] (S) sdc1[7] sda1[4] (S) sdd1[6] sde1[5]
      1046528 blocks super 1.2 level 5, 512k chunk, algorithm 2 [3/2] [UU_]
      [===>.....] recovery = 15.9% (83808/523264) finish=0.1min
      speed=71880K/sec
      unused devices: <none>
```

- A. 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
- B. One of the disks in /dev/md0 has failed and a spare disk is used to recreate full redundancy
- C. The information [UU_] means, that the raid is missing one disk and is not fully redundant
- D. The spare disk /dev/sda1 is used to restore full redundancy after the current recovery
- E. 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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 68

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

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

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

NEW QUESTION: 69

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. 36.6
- B. 57.7
- C. 35.9
- D. 0
- E. 100

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

NEW QUESTION: 70

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

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

NEW QUESTION: 71

Where is the LILO boot loader code typically installed on a system with only a single Linux installation and no other operating systems?

- A. At the start of the kernel.
- B. In the boot sector.
- C. In the /boot directory.
- D. In the master boot record.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 72

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

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

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

NEW QUESTION: 73

Which RAID level provides the most redundancy?

- A. RAID4
- B. RAID0
- C. RAID1
- D. RAID5

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

NEW QUESTION: 74

You type `sysctl -a` as root. What can you expect to have happen?

- A. You will see a list of kernel keys and their values.
- B. All processes with invalid PPID values will be terminated.
- C. You will see an error message describing the correct use of `sysctl`.
- D. The computer will reboot immediately.

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

NEW QUESTION: 75

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. Running `ldconfig` against `/usr/bin/foo` will show the required libraries
- C. It's necessary to compile the program again to check the library dependencies of `foo`.
- D. Library dependencies are shown in the `/usr/lib` directory.
- E. Running `ldd` against `/usr/bin/foo` will show the required libraries

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

NEW QUESTION: 76

Which system files are updated as devices are mounted and unmount to provide information on the mounted devices and the options used? (Please specify TWO answers)

- A. `/proc/devices`
- B. `/etc/fstab`
- C. `/proc/mounts`
- D. `/proc/dtab`
- E. `/etc/mtab`

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

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NEW QUESTION: 77

Which of the following sentences is true for the shown BIND9 configuration?

options {

directory "/var/named";

allow-query { any; };

allow-recursion {127.0.0.1; 10.0.0.0/24; };

forwarders {192.168.0.4; };

forward first;

};

zone "." {

type hint;

file "named.ca";

};

- A. If the server doesn't know the answer to a query, it sends a query to a root DNS server.
- B. Any host, from any network, may use this server as its main DNS server.
- C. If the server doesn't know the answer to a query, it sends a recursive query to 192.168.0.4 and, if this fails, it returns a failure.
- D. If the server doesn't know the answer to a query, it sends a recursive query to 192.168.0.4.
- E. Hosts in the network 10.0.0.0/24 will be able to ask for zone transfers.

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

NEW QUESTION: 78

A zone file on the DNS server has been updated. Which of the following commands will tell named to reload its zone files? (Please select TWO correct answers)

A. killall named

B. rndc reload

C. killall -HUP named

D. named-checkzone -r

E. rndc flush

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

NEW QUESTION: 79

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

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

NEW QUESTION: 80

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

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 81

What is wrong with the following system cron job entry (in /etc/crontab)?

17 * * * * run-parts /etc/cron.hourly

- A. It's missing a user specification.
- B. The time specification is incomplete.
- C. There is no run-parts command in Linux.
- D. This command should run hourly but will run only at 5:00 p.m.

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

NEW QUESTION: 82

What backup arrangement should be used for an intranet web server the contents of which is updated fairly regularly by different staff?

- A. Weekly full backups with all tapes sent off-site
- B. Daily incremental backups with a weekly full backup tape sent off- site
- C. Monthly full backups with the tape sent off-site
- D. Daily full backups with all tapes sent off-site
- E. Daily full backups with one tape sent off-site per week

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

NEW QUESTION: 83

Which of the following are common Linux filesystem types used for root partitions?

(Choose THREE correct answers.)

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 84

Which keyword is used in the /etc/inittab file to define the default system runlevel?

Answer:

initdefault

NEW QUESTION: 85

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: 86

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: 87

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

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

NEW QUESTION: 88

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

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

NEW QUESTION: 89

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

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 90

CORRECT TEXT

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

Answer:

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

NEW QUESTION: 91

What command is used to re-add a partition to a software RAID setup?

- A. raidaddhot
- B. raidadd
- C. raidhotadd
- D. addraid

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

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NEW QUESTION: 92

Which environment variable you have to setup to use shared libraries that are not in the standard search path?

Answer:

LD_LIBRARY_PATH

NEW QUESTION: 93

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

```
Personalities : [raid6] [raid5] [raid4]
md0 : active raid5 sdb1[3] (S) sdc1[7] sda1[4] (S) sdd1[6] sde1[5]
      1046528 blocks super 1.2 level 5, 512k chunk, algorithm 2 [3/2] [UU_]
      [==>.....] recovery = 15.9% (83808/523264) finish=0.1min
      speed=71880K/sec
      unused devices: <none>
```

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 spare disk /dev/sda1 is used to restore full redundancy after the current recovery

D. 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

E. One of the disks in /dev/md0 has failed and a spare disk is used to recreate full redundancy

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 94

Which chkconfig command will display whether or not the service ldap is configured to start in each runlevel? (Provide the command and any options or parameters)

Answer:

chkconfig --list ldap

NEW QUESTION: 95

Fill in the blank.

The users of the local network complain that name resolution is not fast enough. Which command shows the time taken to resolve a DNS query? (Specify the command without path.)

Answer:

dig

Explanation/Reference:

NEW QUESTION: 96

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

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

NEW QUESTION: 97

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

- A. 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.
- B. Applications need to restart because their virtual memory addresses change to reflect memory relocation to the swap address area.
- C. The root filesystem may become full because swap space is always located on the system root partition.
- D. The overall system performance may degrade because of heavy hard disk use and memory reorganization.
- E. 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.

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

NEW QUESTION: 98

A new kernel version needs to be compiled to use a new feature. If the old kernel configuration file is available, which make target creates a configuration file for the new kernel based on the configuration of the old kernel?

Answer:

oldconfig, make oldconfig

NEW QUESTION: 99

What command must you type as root to have the system re-scan the directories on the library path to enable programs to find dynamic libraries in these directories?

- A. init -libs
- B. sysctl
- C. ldconfig

D. shadow

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

NEW QUESTION: 100

In which directory tree are files modified when changing kernel parameters using the command sysctl?

A. /lib/sys/

B. /proc/sys/

C. /sys/proc/

D. /proc/kernel/

E. /sys/kernel/

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

NEW QUESTION: 101

Which of the following commands will list the IPv4 neighbors of the current system? This includes IP and MAC addresses. (Choose TWO correct answers.)

A. ifconfig -lv eth0

B. arp

C. netstat -al

D. ip neigh show

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

NEW QUESTION: 102

Which command displays information about connected USB devices?

A. cat /proc/usbbus/devices

B. cat /proc/usb/devices

C. cat /proc/hotplug/usb

D. cat /proc/usbdevices

E. cat /proc/bus/usb/devices

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

NEW QUESTION: 103

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

Answer:

netconsole

NEW QUESTION: 104

Which of the following must be included in the syslogd configuration file, so that ONLY kernel related messages with the priority crit are reported?

A. kern.*=crit

B. kern.-crit

- C. kern.crit
- D. kern.!crit
- E. kern.=crit

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

NEW QUESTION: 105

Which of the following commands will copy one disk partition /dev/sda3 to /dev/sdb3?

- A. dd --input /dev/sdb3 --output /dev/sda3 bs=4096 conv=notrunc
- B. dd if=/dev/sda3 of=/dev/sdb3 bs=4096 conv=notrunc
- C. dd if=/dev/sdb3 of=/dev/sda3 bs=4096 conv=notrunc
- D. dd --input /dev/sda3 --output /dev/sdb3 bs=4096 conv=notrunc

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

NEW QUESTION: 106

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

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

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NEW QUESTION: 107

Where should the LILO code reside, on a system with only one installation of Linux and no other operating systems?

- A. In the /boot directory
- B. At the start of the kernel
- C. In the master boot record
- D. In the boot sector

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

NEW QUESTION: 108

If the file containing the Linux kernel is deleted, what happens when the system boots?

- A.** The system starts normally since the bootloader copies the kernel to the master boot record of the hard disk
- B.** Instead of the kernel, the initramfs is loaded and instructed to mount the root filesystem and reinstall the kernel from the original package or from source
- C.** The bootloader mounts the root filesystem read-only and launches /bin/sh directly in order to allow the administrator to reinstall the kernel
- D.** Without a kernel system cannot boot and, depending on the bootloader, an error is displayed

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

Explanation/Reference:

NEW QUESTION: 109

Which of the following tools are used to measure memory usage? (Choose THREE correct answers.)

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

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

NEW QUESTION: 110

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 0 100 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.** sy
- D.** wa

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 111

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

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

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

NEW QUESTION: 112

Which of the following commands restores only those files containing lpi in their name from the archive lpifiles.tar.gz?

- A. tar -xvzf lpifiles.tar.gz --subdirs '*lpi'
- B. tar xvzf lpifiles.tar.gz --globbing '*lpi'
- C. tar xvzf lpifiles.tar.gz --wildcards '*lpi'
- D. tar -xvfz lpifiles.tar.gz --deep '*lpi'
- E. tar xvzwf lpifiles.tar.gz '*lpi'

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

NEW QUESTION: 113

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: 114

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. Will the OS install be CD, DVD or network based.
- C. What scripting languages will the web server support.
- D. Which hardware vendor has better Linux support.
- E. What type of content will be served.

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

NEW QUESTION: 115

What is the functionality that PXE provides?

- A. The ability to boot a computer using its network interface.
- B. The ability to launch an remote X11 desktop on a computer.
- C. The ability to verify a system's configuration before completing the boot process.
- D. The ability to verify a system's configuration after completing the boot process.

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

NEW QUESTION: 116

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

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

Answer: ([SHOW ANSWER](#)**)**

NEW QUESTION: 117

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

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

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

NEW QUESTION: 118

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

Answer: ([SHOW ANSWER](#)**)**

NEW QUESTION: 119

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

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

NEW QUESTION: 120

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 monitors process activity and helps the kernel decide which processes to kill when the kernel overcommits.
- C. It attempts to automatically repair file systems upon a failed file system check.
- D. It monitors certain disk drives and attempts to predict when they will fail.

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

NEW QUESTION: 121

In the following output of the command `uptime`, 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. 15, 30 and 60 minutes
- C. 1, 15 and 30 minutes
- D. 5, 20 and 25 seconds
- E. 15, 45 and 90 seconds

Answer: ([SHOW ANSWER](#)**)**

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NEW QUESTION: 122

If all of the following files and/or symlinks exist in a SysV-init runlevel directory, which of the following will be executed first when booting the system directly into the runlevel?

- A. PRE-S99lpi
- B. S99lpi
- C. S98lpi
- D. S99a-lpi
- E. K99lpi

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

NEW QUESTION: 123

What two commands to add another IP address to an interface that already has (at least) one IP address?

- A. ifconfig eth0:1 192.168.1.2
- B. ifconfig eth0 192.168.1.2
- C. ipconfig eth0 192.168.1.2
- D. ipconfig eth0:1 192.168.1.2
- E. ifconfig eth0:sub1 192.168.1.2

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

NEW QUESTION: 124

CORRECT TEXT

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

Answer:

/etc/inittab

NEW QUESTION: 125

Which file contains configuration data for automount? Please enter the complete path.

Answer:

/etc/auto.master

NEW QUESTION: 126

A Linux server is running in single user mode, but the problem that existed before is now fixed.

What command is most appropriate to restore the server to service?

- A. shutdown -r now
- B. shutdown -h now
- C. reboot
- D. telinit 3
- E. telinit 2

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

NEW QUESTION: 127

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

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

NEW QUESTION: 128

CORRECT TEXT

After a lot of write operations, the administrator wants 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: 129

Fill in the blank.

What keyword is missing in the following line from /etc/fstab in order to grant the user fred write access to the files in the vfat file system on /dev/sdb1:

/dev/sdb1 /mnt/usbflash vfat defaults, _____=fred, umask=022, 0 0

(Specify ONLY the option name without any path or parameters.)

Answer:

uid

NEW QUESTION: 130

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: 131

Fill in the blank.

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.)

Answer:

sync

NEW QUESTION: 132

Consider the following output from `df -i`:

```
Filesystem Inodes IUsed IFree IUse% Mounted on
/dev/md0 1966080 45044 1921036 3% /
none 125731 712 125019 1% /dev
none 127729 1 127728 1% /dev/shm
none 127729 17 127712 1% /var/run
none 127729 2 127727 1% /var/lock
none 1966080 45044 1921036 3% /var/lib/ureadahead/debugfs
/dev/sde1 0 0 0 - /mnt
```

What filesystem does `/dev/sde1` most likely use?

- A. ext3
- B. xfs
- C. reiserfs
- D. ext2

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

NEW QUESTION: 133

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?

Answer:

`make modules_install, modules_install`

NEW QUESTION: 134

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: 135

The user's quotas on the server were reduced from 200MB to 100MB. Besides sending emails to all users, it was requested that a message should communicate the change every time a user access the server. Which of the following is the correct method to configure this?

- A. Put the message text in the `/etc/motd` file
- B. Put the message text in the `/etc/default/login` file.
- C. Put the message text in the `/etc/passwd` file, after all users entries.
- D. Put the message text in the `/etc/login-message` file
- E. There is no way to do this because the administrator has no permission to change the `.bash_profile` file for each user.

Answer: ([SHOW ANSWER](#)**)**

NEW QUESTION: 136

On a server running the 2.6.27-11 Linux kernel, which file in the /boot directory contains the kernel configuration parameters?

Answer:

config-2.6.27-11

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NEW QUESTION: 137

What command can be used to install a Perl module ('\$module') from the CPAN archive?

- A. perl -cpan -i \$module
- B. perl -MCPAN -e "install \$module"
- C. perl -cpan -e "make \$module"
- D. perl -i \$module
- E. perl -MCPAN -install \$module

Answer: B (LEAVE A REPLY)

NEW QUESTION: 138

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

ide_setup: hdc=ide-scsi

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

Answer: B (LEAVE A REPLY)

NEW QUESTION: 139

Fill in the blank.

The users of the local network complain that name resolution is not fast enough. Which command shows the time taken to resolve a DNS query? (Specify the command without path.)

Answer:

dig

NEW QUESTION: 140

Which option, when passed to the hostname command, will return the name of the DNS domain?

(Provide only the option)

Answer:

-d

NEW QUESTION: 141

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

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

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