

RedHat

EXAM RH133

Red Hat Linux System Administration

Total Questions: 336

Question: 1

John works as a Network Administrator for Perfect Solutions Inc. The company has a Linux-based network. He is working as a root user on the Linux operating system. He wants to add a soft limit quota warning for the users, in which, after exceeding the quota value, a user will receive e-mail warnings about being over quota. Which of the following commands will John use to accomplish his task? Each correct answer represents a complete solution. Choose all that apply.

- A. repquota
- B. quotaon
- C. warnquota
- D. edquota
- E. quotaoff



Answer: C,D

Question: 2

Which of the following commands will you run to list all files that have been modified within the last 60 minutes?

- A. find /etc -name *.txt
- B. find start -dir -min -60
- C. find start -dir -cmin -60
- D. find start -cmin -60



Answer: C

Question: 3

You work as a System Administrator for McNeil Inc. The company has a Linux based network. You are a root user on Red Hat operating system. You have upgraded the amount of RAM in your system from 256 MB to 512 MB, but there is only 512 MB of swap space. Therefore, you want to add more swap space to /dev/hdb2 hard drive to run the applications that require a large amount of memory. Which of the following commands should you run to accomplish this task? Each correct answer represents a complete solution. Choose all that apply.

- A. mkswap /dev/hdb2
- B. swapon /dev/hdb2
- C. mount
- D. parted



Answer: A,B,D

Question: 4

You work as a Linux Technician for Tech Perfect Inc. The company has a Linux-based network. You have configured a database server in the network. Users complain that the server has become remarkably slow. However, the previous day, the server was performing well. You know that some of the processes may be the cause of the issue. You run the PS command on the server. In the result set, which information will you look at that suggests the problematic process?

- A. A high load average
- B. A high process ID
- C. A low load average
- D. A low CPU time
- E. A high CPU time

Answer: E

Question: 5

You want only the root access in a Linux computer for maintenance purposes. Which of the following runlevels will you use to boot the computer?

- A. 2
- B. 0
- C. 1
- D. 3

Answer: C

Question: 6

Which of the following commands can be used to compress a file?
Each correct answer represents a complete solution. Choose all that apply.

- A. gzip
- B. compress
- C. tar
- D. zip

Answer: A,B,D

Question: 7

You work as a Network Administrator for Rick Inc. The company has a Linux-based network. You are configuring a Linux server. Which of the following bootloaders does not require to be rewritten after the configuration of the kernel has been changed?

- A. GRUB
- B. BOOTP
- C. LILO
- D. ELILO

Answer: A

Question: 8

Which of the following fsck commands will you use to check all filesystems listed in /etc/fstab?

- A. fsck -P
- B. fsck -f
- C. fsck -A
- D. fsck -y



Answer: C

Question: 9

After enabling shadowed passwords in a Linux server, where does Linux keep the passwords?

- A. /usr/shadow
- B. /etc/passwd
- C. /usr/passwd
- D. /etc/shadow

Answer: D

Question: 10

You work as a Software Engineer for McNiel Inc. The company has a Linux-based network. The company has 150 Engineers. The root user has configured quota limits for each user. You want to view quota limits for your system. Which of the following commands will you use to accomplish this task?

- A. repquota -a
- B. quota -v
- C. quotacheck
- D. edquota

Answer: B

Question: 11

Which of the following commands is used to create a user account for a new user?

- A. USERMOD
- B. MOUNT
- C. USERADD
- D. CRUSER

Answer: C

Question: 12

You work as a Network Administrator for Tech Perfect Inc. The company has a Linux-based network. You are configuring a server that will be used as a file server. You want to install an RPM package, named FILELOCATOR, on the server. You want to check whether the package is already installed. Which of the following commands will you use?

- A. grep FILELOCATOR
- B. find -q rpm | grep FILELOCATOR
- C. rpm -qa | grep FILELOCATOR
- D. find FILELOCATOR

Answer: C

Question: 13

By default, which of the following commands configures the current run level?

- A. chkconfig
- B. pstree
- C. service
- D. ntsysv



Answer: D

Question: 14

When installing RHEL in the graphical interface, which of the following switches can be used to specify a resolution?

- A. lowers
- B. vnc
- C. resolution
- D. skipddc

Answer: C

Question: 15

You work as a Network Administrator for Net World International. The company has a Linux-based network. You want to upgrade an RPM package and get the status during the upgrade. Which of the following commands will you use to accomplish the task?

- A. rpm -ivh
- B. rpm -evh
- C. rpm -qvh
- D. rpm -Uvh

Answer: D

Question: 16

John works as a Network Administrator for Perfect Solutions Inc. The company has a Linux-based network. John is working as a root user on the Linux operating system. He wants to run the cc process at runlevel three. If the order of execution of cc command is 43, which of the following commands will John use to accomplish his task?

- A. In -s /etc/init.d/cc /etc/rc.d/rc3.d/K43cc
- B. In -s /etc/rc.d/init.d/cc /etc/rc.d/rc3.d/K43cc
- C. In -s /etc/rc.d/cc /etc/rc.d/rc3.d/s43cc
- D. In -s /etc/rc.d/init.d/cc /etc/rc.d/rc3.d/S43cc

Answer: D

Question: 17

Which of the following commands displays a module name or filename and associated information, such as the authors name, license, description, module version, dependencies, parameters, etc?

- A. modprobe
- B. lsmod
- C. modprob
- D. modinfo

Answer: D

Question: 18

After creating the swap area, which of the following commands will you need to run to start using it?

- A. mkswap
- B. mkfs
- C. swapon
- D. swapoff

Answer: C

Question: 19

You work as a Network Administrator for Secure Web Inc. The company has a Linux-based network. The network has a mixed set of client operating systems. You want to format a new hard disk drive. The drive will have only one partition. Both the Linux and Windows operating systems will access the partition. Which of the following file systems will you use?

- A. VFAT
- B. XFS
- C. REISER
- D. EXT3

Answer: A

Question: 20

What is the minimum RAM requirement for installing Red Hat in GUI mode?

- A. 1GB
- B. 512 MB
- C. 128MB
- D. 64MB

Answer: C

Question: 21

Fill in the blank with the appropriate command.

The _____ command recursively removes files, which have not been accessed for a period of time.

- A. tmpwatch

Answer: A

Question: 22

Which of the following commands can be used to modify kernel parameters at runtime?

- A. sync
- B. sysctl
- C. mkinitrd
- D. lsdev

Answer: B

Question: 23

You want to verify the PGP signature of all headers and signatures associated with an RPM package. Which of the following commands will you use to accomplish the task?
Each correct answer represents a complete solution. Choose all that apply.

- A. rpm -e
- B. rpm -K
- C. rpm --checksig
- D. rpm -V

Answer: B,C,D

Question: 24

Which of following options will you use to force mtr to display numeric IP numbers and not try to resolve the host names?

- A. -t
- B. -n
- C. -l
- D. -p

Answer: B

Question: 25

Which of the following statements are true about kernel modules?
Each correct answer represents a complete solution. Choose all that apply.

- A. Kernel modules do not support executable loaders.
- B. The kernel module contains extra kernel codes that may be loaded after the loading of the base kernel. Only a minimal resident kernel is loaded into memory at boot time.
- C. Kernel modules do not support the device drivers, network drivers, and file system drivers.
- D. Whenever a user requests a feature that is not present in the resident kernel, a kernel module is dynamically loaded into memory.

Answer: B,D

Question: 26

You want to temporarily change your primary group to another group of which you are a member. In this process, a new shell will be created, and when you exit the shell, your previous group will be reinstated. Which of the following commands will you use to accomplish this task?

- A. chgrp
- B. newgrp
- C. chmod
- D. chown

Answer: B

Question: 27

You want to make Rick an owner of the files TRADE1.TXT and TRDREPORT.TXT. Which of the following commands will you use to accomplish this?

- A. chown rick TRADE1.TXT TRDREPORT.TXT
- B. chgrp rick TRADE1.TXT + TRDREPORT.TXT
- C. chown rick TRADE1.TXT + TRDREPORT.TXT
- D. chgrp rick TRADE1.TXT TRDREPORT.TXT

Answer: A

Question: 28

Drag and drop the appropriate command in front of its respective function.

1. It is used to search for patterns within one or more files.

Drop Here

2. It searches through one or more directory tree(s) of a filesystem, locating files based on some user-specified criteria.

Drop Here

3. It is used to compare the contents of two files or each corresponding file in two directories and display the differences between them.

Drop Here

4. It is used to display the last few lines of a text file or piped data.

Drop Here

5. It is used to view the recently executed commands.

Drop Here

grep

find

diff

tail -f

history

A.

1. It is used to search for patterns within one or more files.

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2. It searches through one or more directory tree(s) of a filesystem, locating files based on some user-specified criteria.

find

3. It is used to compare the contents of two files or each corresponding file in two directories and display the differences between them.

diff

4. It is used to display the last few lines of a text file or piped data.

tail -f

5. It is used to view the recently executed commands.

history

grep

find

diff

tail -f

history

Answer: A

Question: 29

You work as a Network Administrator for McNeil Inc. The company has a Linux-based network. You are a root user on the Linux system. You have to create a user named Trinity and deny interactive login. Which of the following should you use to accomplish the task? Each correct answer represents a part of the solution. Choose all that apply.

A. vi /etc/passwd

B. vi /etc/shadow

C. useradd Trinity

D. passwd Trinity

E. Trinity:x:505:505::/home/Trinity:/sbin/nologin

Answer: A,B,C,D,E

Question: 30

Which of the following commands can be used to check the errors of the ext2 and ext3 filesystems?
Each correct answer represents a complete solution. Choose two.

- A. fsck --ext2
- B. fsck.ext3
- C. fsck --ext3
- D. e2fsck



Answer: B,D

Question: 31

Which of the following statements is true about fdisk command?



- A. It is used to build a Linux file system on a device, usually a hard disk partition.
- B. It is used to create, change, delete, or display current partitions on the hard disk.
- C. It is used to check and optionally repair one or more Linux file systems.
- D. It displays or changes the filesystem label on the ext2 filesystem located on device.

Answer: B

Question: 32

You have recently been appointed as a Network Administrator for Rick International Inc. The company has a Linux-based network. You have to print an important file named secure.txt urgently. You therefore want to know what printers are currently configured on your computer and how you can connect to them. Which of the following commands will you use to accomplish the task?

- A. lpstat -s
- B. lpstat -d
- C. lpr
- D. lpstat -p



Answer: A

Question: 33

You want to uninstall an rpm package foo without verifying its dependencies. Which of the following commands will you use?

- A. rpm --erase --allmatches
- B. rpm -e --allmatches
- C. rpm -e --noscript
- D. rpm -e --nodeps

Answer: D

Question: 34

During the boot process of a Linux computer, which of the following daemons is called after the kernel is loaded?

- A. LPD
- B. TELNETD
- C. INIT
- D. RLOGIND

Answer: C

Question: 35

You work as a Network Administrator for McNeil Inc. The company has a Linux-based network. You have just created a directory named Sales on a file server. David, a Sales Manager, has to use this directory to keep sales reports. David reports that he is unable to save his reports in the directory. When you list the directory using the LS command, you get the following result:

```
drwxr-xr-x 2 root root 2048 Jan 2 2006 Sales
```

What is the most likely cause?

- A. The Sales directory is not properly mounted.
- B. David is working on his local computer's login.
- C. The Sales directory has been deleted by accident.
- D. David does not have the Write permission on the directory.

Answer: D

Question: 36

You want to shrink a Logical Volume manager partition named `/dev/disk1/lvm` from 4GB to 3GB. Which of the following commands can you use to accomplish the task? Each correct answer represents a complete solution. Choose all that apply.

- A. `lvreduce`
- B. `resize2fs`
- C. `lvsize`
- D. `reduce2fs`

Answer: A,B

Question: 37

John works as a Network Administrator for Perfect Solutions Inc. The company has a Linux-based network. Due to some network security reasons, John wants to shut down all network interfaces just before rebooting the Linux server. Which of the following commands will he use to accomplish the task?

- A. `init 3`
- B. `init 6`
- C. `init 0`
- D. `shutdown -r now`
- E. `reboot -i`



Answer: E

Question: 38

You work as a Network Administrator for Tech World Inc. The company has a Linux-based network. The permissions on a file named `Report` are shown below:

`rwxr--r—`

You want to add a sticky bit to the file. Which of the following commands will you use?

- A. `chmod 2744 report`
- B. `chmod 1744 report`
- C. `chmod 7744 report`
- D. `chmod 4744 report`

Answer: B

Question: 39

Which of the following statements is true about Linux kernel?
Each correct answer represents a complete solution. Choose all that apply.

- A. It constitutes the core part of the Linux operating system.
- B. It detects hardware resources and boots up the system.
- C. It allocates memory on behalf of running process.
- D. It does not verify firewall rules

Answer: A,B,C

Question: 40

Which of the following commands is used to make a swap active after creating a new SWAP partition?

- A. mkswap
- B. swapon
- C. fdisk
- D. mkfs

Answer: A

Question: 41

In a Linux computer, which of the following files defines run levels for the processes to be started up during boot up?

- A. /etc/inittab
- B. /etc/syslog.conf
- C. /etc/lilo.conf
- D. /etc/runlevel

Answer: A

Question: 42

You work as a Network Administrator for Perfect Solutions Inc. The company has a Linux-based network. You have to create user accounts for four new Management Trainees. You also have to create a group named MT and provide membership of this group to the new user accounts. How will you accomplish this?

- A. Use the ADDUSER command to create new user accounts and the MT group. Add the users account to the group.
- B. Use the USERADD command to create new user accounts and the MT group. Add the user accounts to the group.
- C. Use the GROUPADD command to create the MT group. Use the USERADD command to create the user accounts and provide them the membership of the MT group.
- D. Use the ADDGROUP command to create the MT group. Use the ADDUSER command to create the user accounts and provide them the membership of the MT group.

Answer: C

Question: 43

John works as a Network Administrator for Perfect Solutions Inc. The company has a Linux-based network. John is working as a root user on the Linux operating system. He wants to check the errors of an ext2 filesystem. Which of the following commands can John use to accomplish the task? Each correct answer represents a complete solution. Choose all that apply.

- A. e2fsck
- B. fsck
- C. fsck -N
- D. fsck.ext2



Answer: A,B,D

Question: 44

You work as a Network Administrator for Perfect Solutions Inc. The company has a Linux-based network. You have received an error on your Linux server stating that the superblock is damaged. Which of the following commands will you use to resolve the issue?

- A. mount
- B. e2fsck
- C. fsck
- D. mkfs

Answer: B

Question: 45

You work as a Network Administrator for Mac World Inc. The company has a Linux-based network. Your Linux computer turns off because of power outage. The UPS was unable to provide backup power. Which of the following utilities will run automatically during the next boot to scan the hard disk for the possibility of file system damage?

- A. mkfs
- B. mount
- C. scanfs
- D. fsck

Answer: D

Question: 46

Which of the following files is used to view the current status of RAID devices in Linux?

- A. /proc/mdstat
- B. /proc/stat
- C. /proc/meminfo
- D. /proc/mounts

Answer: A

Question: 47

Which of the following network protocols are used by the dhclient command to configure the IP addresses of computers on the network?

- A. The dhclient command does not use any protocol. It statically assigns the address to the network computers.
- B. RARP and DHCP
- C. BOOTP and DHCP
- D. BOOTP and RARP

Answer: C

Question: 48

You work as a system administrator for Tech Perfect Inc. The company has a Linux-based network. You are a root user on the Linux operating system. A user, Jetson, wants to view the speed and the duplex for his Ethernet card. His ethernet card is activated on interface eth0. Which of the following commands can you use to accomplish this task?

- A. ifup eth0
- B. ifconfig eth0
- C. ip link show eth0
- D. sudo ethtool eth0

Answer: D

Question: 49

Which of the following files are used to activate disk quotas on a file system?
Each correct answer represents a complete solution. Choose all that apply.

- A. quota.group
- B. quota.user
- C. quotaon
- D. .quotaon

Answer: A,B

Question: 50

You work as a Network Administrator for Perfect Solutions Inc. You are required to configure a hard disk for a Linux workstation. You are using the FDISK utility to configure it. Which of the following options will you use to show all the existing partitions of the hard disk?

- A. n
- B. w
- C. 1
- D. p

Answer: D

Question: 51

John works as a Network Administrator for Perfect Solutions Inc. The company has a Linux-based network. John is working as a root user on the Linux operating system. He wants to print a file named print.txt. Which of the following commands can John use to accomplish the task? Each correct answer represents a complete solution. Choose all that apply.



- A. lpr
- B. lprm
- C. lp
- D. a2ps

Answer: A,C

Question: 52

Which of the following run levels is used to boot a Linux computer in graphical user interface (GUI) mode?

- A. 3
- B. 7
- C. 5
- D. 9

Answer: C

Question: 53

Which of the following commands are used to remove a package from a Linux system? Each correct answer represents a complete solution. Choose two.

- A. yum -rm packagename
- B. yum erase packagename
- C. yum -r packagename
- D. yum remove packagename



Answer: B,D

Question: 54

You work as the Network Administrator for Perfect Solutions Inc. The company has a Linux-based network. You are a root user on the Red Hat operating system. You want to view all files with a size of over 50 megabytes on your system. Which of the following commands should you use to accomplish the task?

- A. find size +50M
- B. find -size 50M
- C. find -size -50M
- D. find -size +50M



Answer: D

Question: 55

John works as a Network Administrator for Perfect Solutions Inc. The company has a Linux-based network. John is working as a root user on the Linux operating system. He wants to change the group membership of the file foo to group bar. Which of the following commands will he use to accomplish the task?

- A. chgrp bar foo
- B. chgroup foo bar
- C. chgrp foo bar
- D. chgroup bar foo

Answer: A

Question: 56

Which of the following files lists the file systems to be mounted automatically at startup?

- A. /etc/mtab
- B. /dev/fstab
- C. /etc/fstab
- D. /dev/mtab

Answer: C

Question: 57

Which of the following commands is used to mount file systems?

- A. detach
- B. mount
- C. umount
- D. attach

Answer: B

Question: 58

What command will you use to find the current runlevel of an active Linux session?

- A. runlevel
- B. init
- C. rlevel
- D. ls /etc/runlevel

Answer: A

Question: 59

Which of the following files contains the names and locations of system log files?

- A. /etc/lilo.conf
- B. /usr/syslog.conf
- C. /etc/syslog.conf
- D. /usr/lilo.conf

Answer: C

Question: 60

Which of the following utilities is used to set ACL for files and directories?

- A. enable acl
- B. setacl
- C. setfacl
- D. getfacl

Answer: C

Question: 61

You work as a Network Administrator for Perfect Solutions Inc. The company has a Linux-based network. A user complains that his Linux computer gets rebooted occasionally. Which of the following files will provide you the required information to troubleshoot the issue?

- A. /var/log/wtmp
- B. /var/log/dmesg
- C. /var/log/bootmsg
- D. /var/log/messages

Answer: D

Question: 62

You work as a Network Administrator for Net World Inc. The company has a Linux-based network. You want to mount an SMBFS share from a Linux workstation. Which of the following commands can you use to accomplish the task?

Each correct answer represents a complete solution. Choose two.

- A. smbmount
- B. smbfsmount
- C. mount smb
- D. mount -t smbfs



Answer: A,D

Question: 63

You work as a Network Administrator for McNeil Inc. The company has a Linux-based network. You want to know the ownership of the `/etc/inittab` file. Which of the following commands will you use to accomplish the task?

- A. `rpm -e /etc/inittab`
- B. `rpm -i /etc/inittab`
- C. `rpm -qa /etc/inittab`
- D. `rpm -qf /etc/inittab`

Answer: D

Question: 64

Which of the following files is used to initialize a computer-wide environment on a Linux computer?

- A. `/etc/group`
- B. `/etc/profile`
- C. `/etc/syslog.conf`
- D. `/etc/startup`

Answer: B

Question: 65

Which of the following commands helps an administrator to switch a Linux server to different run levels without rebooting the server?

- A. `su`
- B. `cngl`
- C. `mount`
- D. `init`

Answer: D

Question: 66

You work as a Network Administrator for World Perfect Inc. The company has a Linux-based network. You have configured a Linux Web server on the network. A user complains that the Web server is not responding to requests. The process list on the server shows multiple instances of the HTTPD process. You are required to stop the Web service. Which of the following commands will you use to resolve the issue?

- A. stop httpd
- B. stopall httpd
- C. kill httpd
- D. killall httpd

Answer: D

Question: 67

John works as a Network Administrator for Perfect Solutions Inc. The company has a Linux-based network. John is working as a root user on the Linux operating system. He wants to get the status of the modules currently loaded in the kernel. Which of the following commands will John use to accomplish his task? Each correct answer represents a complete solution. Choose all that apply.

- A. locate
- B. lsmod
- C. cat /proc/modules
- D. ls /proc

Answer: B,C

Question: 68

Which of the following commands or command flags can be used to list the installed services and their associated runlevels?

- A. config
- B. xconfig
- C. menuconfig
- D. chkconfig

Answer: D

Question: 69

Which of the following commands is used to list all contents of a superblock of a partition?

- A. tune2fs -c
- B. tune2fs -f
- C. tune2fs -l
- D. tune2fs -j

Answer: C

Question: 70

You work as a Network Administrator for Tech World Inc. The company has a Linux-based network. You have installed a video card in your Linux workstation. Which of the following will you require in order to configure X?

- A. etc/videoconf
- B. root/videoconf
- C. root/x11/xf86config
- D. etc/x11/xf86config

Answer: D

Question: 71

John works as a Network Administrator for We-are-Secure Inc. The company uses a Linux server. John wants to give the following file permissions to the imp.c file:

- I Read, Write, and Execute permissions to the owner
- I Read and Write permissions to groups
- I Read Only permissions to other users

Which of the following commands will John use to accomplish the task?

- A. chmod 765
- B. chmod 777
- C. chmod 712
- D. chmod 764

Answer: D

Question: 72

Which of the following commands can be used to overwrite an existing kernel image file?

- A. mkinitrd -v
- B. mkinitrd --preload
- C. mkinitrd --builtin
- D. mkinitrd -f

Answer: D

Question: 73

You want to shrink a Logical Volume manager partition named /dev/disk1/lvm from 4GB to 3GB. Which of the following commands can you use to accomplish the task? Each correct answer represents a complete solution. Choose all that apply.

- A. lvsize
- B. resize2fs
- C. reduce2fs
- D. lvreduce

Answer: B,D

Question: 74

You work as a Network Administrator for Perfect Solutions Inc. The company has a Linux-based network. You are configuring a UPS for a Linux server. You want to configure the computer as follows:

- . The server should automatically shut down after ten minutes of power failure.
- . The server should inform the administrator that the shut down process has started.

Which of the following files will help you to configure these settings?

- A. /etc/inittab
- B. /etc/mtab
- C. /etc/fstab
- D. /etc/syslog.conf

Answer: A

Question: 75

Which of the following commands displays information for all filesystems that have quota enabled?

- A. quotaoff
- B. quotaon
- C. quota
- D. quota -v

Answer: D

Question: 76

John works as a Network Administrator for Perfect Solutions Inc. The company has a Linux-based network. Due to some network security reasons, John wants to shut down all network interfaces just before rebooting the Linux server. Which of the following commands will he use to accomplish the task?

- A. init 3
- B. init 6
- C. init 0
- D. reboot -i
- E. shutdown -r now

Answer: D

Question: 77

You work as a Network Administrator for Perfect Solutions Inc. The company has a Linux-based network. You have received an error on your Linux server stating that the superblock is damaged. Which of the following commands will you use to resolve the issue?

- A. e2fsck
- B. mount
- C. fsck
- D. mkfs

Answer: A

Question: 78

Which of the following files contains the names and locations of system log files?

- A. /usr/syslog.conf
- B. /usr/lilo.conf
- C. /etc/lilo.conf
- D. /etc/syslog.conf

Answer: D

Question: 79

You work as a Network Administrator for Tech Perfect Inc. The company has a Linux-based network. You are required to boot a server in single-user mode. Which of the following runlevels will you choose to accomplish the task?

- A. 2
- B. 0
- C. 5
- D. 3
- E. 1

Answer: E

Question: 80

You work as a Network Administrator for Tech World Inc. The company has a Linux-based network. The permissions on a file named Report are shown below:

rwxr--r—

You want to add a sticky bit to the file. Which of the following commands will you use?

- A. chmod 7744 report
- B. chmod 1744 report
- C. chmod 2744 report
- D. chmod 4744 report

Answer: B

Question: 81

Which of the following commands is used to make a swap active after creating a new SWAP partition?

- A. swapon
- B. mkswap
- C. mkfs
- D. fdisk

Answer: B

Question: 82

Alicia works as a System Administrator for SoftTech Inc. The company uses the Linux operating system. She wants to install Apache on the company's server. Which of the following commands will she use to check whether or not Apache is already installed on the server?

- A. rpm -U apache
- B. rpm -q apache
- C. rpm --checksig
- D. rpm -i apache

Answer: B

Question: 83

Which of the following files must be edited to alter the run level?

- A. /etc/init
- B. /etc/profile
- C. /etc/mtab
- D. /etc/inittab

Answer: D

Question: 84

Which of the following commands can be used to view the information about the transmitted or received packets from a network interface?



- A. ip link show [interface name]
- B. ifconfig
- C. ip -s link show [interface name]
- D. ping

Answer: C

Question: 85

Which of the following commands can be used to upgrade a package only if an earlier version of that package is already installed? Each correct answer represents a complete solution. Choose all that apply.

- A. rpm -U
- B. rpm --freshen
- C. rpm -F
- D. rpm --upgrade

Answer: B,C

Question: 86

Which of the following statements are true about rsync? Each correct answer represents a complete solution. Choose all that apply.

- A. It supports for copying links, devices, owners, groups, and permissions.
- B. It can use any transparent remote shell, including ssh or rsh.
- C. It does not support for anonymous or authenticated rsync daemons.
- D. It does not require super-user privileges.

Answer: A,B,D

Question: 87

You work as a Network Administrator for Tech Perfect Inc. The company has a Linux-based network. You want to kill a process running on a Linux server. Which of the following commands will you use to know the process identification number (PID) of the process?

- A. getpid
- B. ps
- C. kill
- D. killall

Answer: B

Question: 88

Which of the following fsck commands will you use to check all filesystems listed in /etc/fstab?

- A. fsck -P
- B. fsck -A
- C. fsck -f
- D. fsck -y

Answer: B

Question: 89

Which of the following files lists the file systems to be mounted automatically at startup?

- A. /etc/mtab
- B. /etc/fstab
- C. /dev/mtab
- D. /dev/fstab

Answer: B

Question: 90

By default, which of the following commands configures the current run level?

- A. service
- B. chkconfig
- C. ntsysv
- D. pstree

Answer: C

Question: 91

Which of the following commands will you use to display the packages that depend on the package foo?

- A. rpm --freshen foo
- B. rpm -q --triggeredby foo
- C. rpm -q --changelog foo
- D. rpm -q --whatrequires foo

Answer: D

Question: 92

You work as a Network Administrator for Net World International. The company has a Linux-based network. You want to upgrade an RPM package and get the status during the upgrade. Which of the following commands will you use to accomplish the task?

- A. rpm -ivh
- B. rpm -Uvh
- C. rpm -evh
- D. rpm -qvh

Answer: B

Question: 93

John works as a Network Administrator for Perfect Solutions Inc. The company has a Linux-based network. John is working as a root user on the Linux operating system. He wants to check the errors of an ext2 filesystem. Which of the following commands can John use to accomplish the task? Each correct answer represents a complete solution. Choose all that apply.

- A. fsck.ext2
- B. fsck
- C. e2fsck
- D. fsck -N

Answer: A,B,C

Question: 94

You work as a Network Administrator for Tech Perfect Inc. The company has a Linux-based network. You have assigned a permission set of 440 on a folder. Which of the following permissions are added to the folder? Each correct answer represents a part of the solution. Choose all that apply.

- A. No permission to others.
- B. Read permission to the owner.
- C. Read and Execute permissions to the group.
- D. Read, Write, and Execute permissions to the owner and the group.
- E. Read permission to the group.
- F. Read and Execute permissions to the owner.

Answer: A,B,E

Question: 95

John works as a Network Administrator for Perfect Solutions Inc. The company has a Linux-based network. John is working as a root user on the Linux operating system. He wants to run the cc process at runlevel three. If the order of execution of cc command is 43, which of the following commands will John use to accomplish his task?

- A. In -s /etc/rc.d/init.d/cc /etc/rc.d/rc3.d/K43cc
- B. In -s /etc/rc.d/init.d/cc /etc/rc.d/rc3.d/S43cc
- C. In -s /etc/rc.d/cc /etc/rc.d/rc3.d/s43cc
- D. In -s /etc/init.d/cc /etc/rc.d/rc3.d/K43cc

Answer: B

Question: 96

John works as a Network Administrator for Perfect Solutions Inc. The company has a Linux-based network. He is working as a root user on the Linux operating system. He wants to add a soft limit quota warning for the users, in which, after exceeding the quota value, a user will receive e-mail warnings about being over quota. Which of the following commands will John use to accomplish his task?
Each correct answer represents a complete solution. Choose all that apply.

- A. quotaon
- B. warnquota
- C. edquota
- D. quotaoff
- E. repquota

Answer: B,C

Question: 97

Which of the following commands creates a new logical volume in a volume group?

- A. lvcreate
- B. vgcreate
- C. pvcreate
- D. mkfs

Answer: A

Question: 98

You want to start the display manager automatically at boot time. Which of the following files will you edit to accomplish the task?

- A. inittab
- B. XDM-config
- C. Xsession
- D. Xaccess

Answer: A

Question: 99

Which of the following commands will you use to change the home directory of a user and move all of its contents to the new home directory?

- A. usermod -g
- B. usermod -o -u
- C. usermod -d -m
- D. usermod -u

Answer: C

Question: 100

You work as a Network Administrator for Secure World Inc. The company has a Linux-based network. You want to run a command with the changed root directory. Which of the following commands will you use?

- A. route <new root> <command>
- B. ls <new root> <command>
- C. chroot <new root> <command>
- D. chdir <new root> <command>



Answer: C

Question: 101

Which of the following run levels start the system in single user mode?
Each correct answer represents a complete solution. Choose all that apply.

- A. 0
- B. single
- C. S
- D. s
- E. 1

Answer: B,C,D,E

Question: 102

Which of the following runlevel scripts of the /etc/init.d directory terminates all processes, removes swap space, unmounts all file systems, and either shuts down or reboots the computer?

- A. crond
- B. apmd
- C. autofs
- D. halt

Answer: D

Question: 103

Which of the following commands will go through your logs for a given period of time and make a report in the areas that you wish with the detail that you wish?

- A. tmpwatch
- B. logrotate
- C. anacron
- D. logwatch

Answer: D

Question: 104

Which of the following commands is used to check /etc/fstab file in Linux?

- A. sfdisk
- B. fdisk
- C. mount -a
- D. fsck

Answer: C

Question: 105

While installing the Linux operating system on a computer, you have to ensure that you have selected the root file system as _____.

- A. swap
- B. ext3
- C. nfs
- D. befs
- E. ntfs

Answer: B

Question: 106

Which of the following files does mount command read to determine which options should be used when mounting the specified device?

- A. /etc/xinetd.conf
- B. /etc/inittab
- C. /etc/auto.master
- D. /etc/fstab

Answer: D

Question: 107

Which of the following Linux commands can be used to set an expiration date for a user's password?

- A. chown
- B. chage
- C. chgrp
- D. chmod



Answer: B

Question: 108

In Linux, which of the following prompts does the Shell display to indicate that the logged in user is Superuser?



- A. \$
- B. #
- C. :
- D. &

Answer: B

Question: 109

Which of the following Linux commands is used to assign privileges over a particular file to a designated user?



- A. chgrp
- B. chmod
- C. chown
- D. useradd

Answer: C

Question: 110

Which of the following commands can be used to add a new user in Linux?

- A. mkuser
- B. newuser
- C. addnewusr
- D. useradd

Answer: D

Question: 111

Which of the following files contains GIDs?

- A. /etc/passwd
- B. /etc/shadow
- C. /etc/usr
- D. /etc/group

Answer: D

Question: 112

Which command is used to change ownership of a group?



- A. chown
- B. chgroup
- C. chmod
- D. chgrp

Answer: D

Question: 113

Which of the following commands is used to create a new group?

- A. grpadd
- B. groupadd
- C. new group
- D. chgrp

Answer: B

Question: 114

What is the UID number for a root user?

- A. UID 0
- B. UID 1
- C. UID 500
- D. UID 550

Answer: A

Question: 115

Which command is used to change access mode for files and directories?

- A. chmod
- B. chmode
- C. chgrp
- D. chown

Answer: A

Question: 116

Which of the following files contains users' names and UIDs?

- A. /etc/group
- B. /etc/passwd
- C. /etc/user
- D. /etc/shadow

Answer: B

Question: 117

Which of the following statements about the `chmod 0755 scriptfile.sh` command is true?

- A. The command removes the read, write, and execute permissions from the `scriptfile.sh` file's owner.
- B. The command assigns only the read and execute permissions to the `scriptfile.sh` file's owner.
- C. The command assigns the read, write, and execute permissions to the `scriptfile.sh` file's owner.
- D. The command assigns the read, write, and execute permissions to the `scriptfile.sh` file's group.

Answer: C

Question: 118

In which of the following files, RHEL stores its network interface configuration information?

- A. `/etc/host.conf`
- B. `/etc/sysconfig/network-scripts/ifcfg-ethX`
- C. `/etc/network.conf`
- D. `/etc/sysconfig/network-script/ifcfg-ethX`

Answer: B

Question: 119

Which of the following tools is used to view and/or change the speed and duplex settings for the network card?

- A. `ifconfig`
- B. `tracert`
- C. `ethtool`
- D. `ping`

Answer: C

Question: 120

Which of the following is the default configuration file for the ifup command?

- A. /etc/syslog
- B. /etc/sysconfig
- C. /etc/init.d
- D. /etc/syslog.conf



Answer: B

Question: 121

Which of the following commands can be used to view the name of a Linux system?

- A. ifconfig
- B. mtr
- C. /bin/hostname
- D. ping

Answer: C

Question: 122

Which of the following traceroute command parameters displays numeric addresses instead of names of the routers?

- A. -v
- B. -f
- C. -w
- D. -n



Answer: D

Question: 123

Which of the following files contains the information about DNS Name Server?

- A. /etc/resolve.conf
- B. /etc/hosts
- C. /etc/resolv.conf
- D. /etc/host

Answer: C

Question: 124

Which of the following tools can be used to assign IP addresses to the Linux systems during the installation process?

- A. netstat
- B. httpd
- C. tcpd
- D. dhcpd

Answer: D

Question: 125

Which of the following programs is responsible for converting named.boot to named.conf format?

- A. /usr/sbin/ncd
- B. /etc/init.d/bind
- C. /usr/sbin/named-bootconf
- D. /usr/sbin/named



Answer: C

Question: 126

In RHEL, Which of the following logical interfaces refers to the loopback interface?

- A. eth0
- B. ppp0
- C. l0
- D. lo

Answer: D

Question: 127

Which of the following commands is used to see IP address, MAC address, and default gateway of a Linux system?

- A. traceroute
- B. ifconfig
- C. ipconfig
- D. ping

Answer: B

Question: 128

Which of the following commands can be used to view addresses assign to each interface?

- A. ping
- B. ifconfig
- C. ip addr show (interface name)
- D. tracert

Answer: C

Question: 129

Which of the following tools is used to view the name of a Linux system?

- A. ping
- B. hostname
- C. mtr
- D. ifconfig

Answer: B

Question: 130

Which of the following command is used to list the current routing table in Linux?

- A. ifconfig
- B. traceroute
- C. dig
- D. /sbin/ip route

Answer: D

Question: 131

What does LDAP stand for?

- A. Light Directory Access Protocol
- B. Local Directory Access Protocol
- C. Lightweight Directory Access Protocol
- D. Linkweight Directory Access Protocol

Answer: C

Question: 132

Which of following commands lets an Administrator to set a user's quota?

- A. edquota user
- B. edquota -p
- C. edquota
- D. edquota -u user

Answer: D

Question: 133

Which of the following commands can be used to determine the system's current mode?



- A. getenforce
- B. semanage
- C. getsebool
- D. setenforce

Answer: A

Question: 134

Which of the following is a name of the file created when group quotas are used?

- A. quota.user
- B. qoutaon
- C. quota
- D. quota.group

Answer: D

Question: 135

Which of the following commands is used to set a user's quota?

- A. edquota
- B. edquota user
- C. edquota -p user
- D. edquota -u user

Answer: D

Question: 136

Which of the following commands can be used to check the status of RAID devices?

- A. fsck
- B. mkfs
- C. mdadm
- D. fdisk

Answer: C

Question: 137

Which of the following options is used with tar command to extract contents from a tar file?

- A. -x
- B. -t
- C. -f
- D. -c

Answer: A

Question: 138

Which of the following commands is used to compress a tar file?

- A. tar
- B. gzip
- C. compress
- D. dump

Answer: B

Question: 139

Which of the following RAID levels provide striping without parity?

- A. RAID 5
- B. RAID 1
- C. RAID 4
- D. RAID 0

Answer: D

Question: 140

Which of the following is a RAID device?

- A. /dev/hda
- B. /dev/md0
- C. /dev/nst1
- D. /dev/sda

Answer: B

Question: 141

Which of the following options does tar command require to create a tar file?

- A. -x
- B. -t
- C. -c
- D. -v

Answer: C

Question: 142

Which of the following commands is used to create physical volumes in Linux?

- A. lvextend
- B. vgcreate
- C. pvcreate
- D. fdisk

Answer: C

Question: 143

Which of the following commands can be used to extend the logical volumes?

- A. lvxtend
- B. lvcreate
- C. lvextend
- D. resize2fs

Answer: C

Question: 144

What does LVM stands for?

- A. Logical volume manager
- B. Local virtual manager
- C. Linux volume manager
- D. Local volume manager

Answer: A

Question: 145

Which of the following commands can be used to enlarge volume groups?

- A. lvextend
- B. resize2fs
- C. vgcreate
- D. vgextend

Answer: D

Question: 146

Which of the following commands can be used to burn a boot.iso file to CD?

- A. bootrecord
- B. cp boot.iso
- C. cdrecord
- D. mount boot.iso

Answer: C

Question: 147

Which of the following directories can be installed on a separate filesystem in Linux?

- A. /sbin
- B. /var
- C. /etc
- D. /lib

Answer: B

Question: 148

Which of the following is an operating system ancestor of Linux?

- A. Unix
- B. GNU
- C. SELinux
- D. Solaris

Answer: A

Question: 149

What is the minimum RAM requirement for installing Red Hat in text-mode?

- A. 256MB
- B. 64MB
- C. 128MB
- D. 1GB

Answer: B

Question: 150

Which of the following graphical tools can be used to create and modify Kickstart files?

- A. ksvalidator
- B. system-config-services
- C. system-config-securitylevel
- D. system-config-kickstart

Answer: D

Question: 151

Which of the following is the installer for RHEL?

- A. GRUB
- B. MBR
- C. anaconda
- D. kernal

Answer: C

Question: 152

When you are installing RHEL on a system how much swap space should be given in partition?

- A. Half of the RAM
- B. Equal to the RAM
- C. One fourth of the RAM
- D. Twice of RAM

Answer: D

Question: 153

Which of the following commands is used to create repomd repository to hold packages in Linux system?

- A. chroot
- B. createrepo
- C. xm
- D. setsebool

Answer: B

Question: 154

What is the minimum processor requirement to install Red Hat in GUI mode?

- A. 346 MHz Pentium III
- B. 250 MHz Pentium I
- C. 400MHz Pentium II
- D. 200 MHz Pentium II

Answer: C

Question: 155

Which of the following tools can be used to manage Red Hat Virtualization environment?

- A. xen
- B. chroot
- C. sed
- D. xm

Answer: D

Question: 156

Which of the following is the only domain in Xen environment from which an administrator can send command to the Hypervisor?

- A. DomainU
- B. Domain2
- C. Domain0
- D. Domain1

Answer: C

Question: 157

Which command displays the lines in a file that match a pattern?

- A. cat
- B. grep
- C. history
- D. cp

Answer: B

Question: 158

Which of the following commands is used to compare the contents of two files for differences?

- A. sort
- B. cat
- C. wc
- D. diff

Answer: D

Question: 159

Which of the following commands is used to display last 10 lines of a file?

- A. cat
- B. tail 10
- C. tail
- D. head

Answer: C

Question: 160

Which of the following commands is used to see list of previously entered command on the Red Hat operating system?

- A. cat
- B. history
- C. ls
- D. man

Answer: B

Question: 161

Which of the following options is used with yum command to find a package a user does not know by its name but know by some word related to it?

- A. info
- B. update
- C. list
- D. search

Answer: D

Question: 162

Which of the following commands is used to install a rpm package?

- A. rpm -lvh packagename
- B. rpm -Uvh packagename
- C. rpm -ivh packagename
- D. rpm -i packagename

Answer: C

Question: 163

Which of the following options is used with yum to list various information about available packages?

- A. list
- B. update
- C. deplist
- D. info

Answer: A

Question: 164

Which of the following options is used with yum command to update a currently installed package?

- A. -U
- B. update
- C. provides
- D. -u

Answer: B

Question: 165

What does YUM stand for?

- A. Yellowdog Upgrade Management
- B. Yellowdog Update Management
- C. Yellowdog Updater Modified
- D. Yellowdog Upgrade Modifier

Answer: C

Question: 166

Which of the following options is used with yum command to list a description and summary information about available packages?

- A. deplist
- B. info
- C. search
- D. list

Answer: B

Question: 167

Which of the following file should be edited, if MBR on /dev/hda is corrupted?

- A. /boot/grub/grub.conf
- B. /etc/grub/grub.conf
- C. /etc/grub.conf
- D. /sbin/grub-install/dev/hda



Answer: D

Question: 168

Which of the following scripts invokes the runlevel scripts?

- A. /etc/rc.d/rc.local
- B. /etc/rc.d/rc.sysinit
- C. /etc/rc.d/rc.serial
- D. /etc/rc.d/rc

Answer: D

Question: 169

Which of the following commands is used to start or stop a standalone service immediately?

- A. chkconfig
- B. service
- C. ntsysv
- D. pstree

Answer: B

Question: 170

Which of the following commands is used to specify that the gpm service should be executed at run level 3?

- A. chkconfig -- level 3 gpm on
- B. chkconfig --level 3 gpm
- C. chkconfig level 3 gpm
- D. chkconfig

Answer: A

Question: 171

Which of the following commands must be used to see the runlevels associated with a service grub?

- A. chkconfig --list
- B. chkconfig --grub
- C. chkconfig grub
- D. chkconfig



Answer: A

Question: 172

Which of the following is GRUB Menu Configuration File?

- A. /etc/grub.conf
- B. /boot/grub/grub.conf
- C. /etc/grub/grub.conf
- D. /boot/grub.conf

Answer: B

Question: 173

What does GRUB stand for?

- A. GRand Unified Bootmedia
- B. GRand Unified Bootprocess
- C. GRand Unified Bootloader
- D. GRand Unified Bootpartition

Answer: C

Question: 174

Which of the following files defines which services to start?

- A. /etc/inittab
- B. /etc/rc.d/rc.sysinit
- C. /etc/rc.d/rc
- D. /etc/rc.d/init.d



Answer: C

Question: 175

Which of the following runlevel values is used to halt the Linux operating system?

- A. 0
- B. 3
- C. 1
- D. 2

Answer: A

Question: 176

Which of the following utilities allows a user to control what services should run when entering a given run level?

- A. pstree
- B. ntsysv
- C. service
- D. chkconfig



Answer: B

Question: 177

Which of the following files contain the information on how init should set up the system in every run level?

- A. /etc/rc.d/rc.local
- B. /sbin/runlevel
- C. /etc/rc.d/rc.sysinit
- D. /etc/inittab

Answer: D

Question: 178

Which of the following run levels runs the system at single user mode?

- A. 3
- B. 1
- C. 0
- D. 2

Answer: B

Question: 179

Which of the following is a configuration file used to configure TCP wrappers?

- A. /etc/hosts.allow
- B. /etc/resolve.conf
- C. /etc/tcpwrapper
- D. /etc/hosts.conf

Answer: A

Question: 180

Which of the following is the parent of all processes in Linux?

- A. bash
- B. /etc/init
- C. init
- D. grub

Answer: C

Question: 181

Which of the following run levels is officially undefined?

- A. Run level 3
- B. Run level 4
- C. Run level 2
- D. Run level 5

Answer: B

Question: 182

To see the run levels associated with the service grub, which of the following commands must be issued?

- A. chkconfig
- B. service
- C. xinetd
- D. chkconfig --list

Answer: D

Question: 183

What is the PID for init?

- A. 3
- B. 0
- C. 2
- D. 1

Answer: D

Question: 184

What is the correct location of the Linux kernel?

- A. /boot/kernal
- B. /boot/vmlinux
- C. /boot/vmlinuz
- D. /boot/bzImage

Answer: C

Question: 185

Which of the following files should be edited to modify kernel module configuration settings?

- A. /etc/module.conf
- B. /etc/modprobe.conf
- C. /etc/inttab
- D. /etc/xinted.cong

Answer: B

Question: 186

Which of the following commands displays the version number of the running Linux kernel?

- A. w
- B. uname
- C. motd
- D. lsmod



Answer: B

Question: 187

Which of the following utilities is used by the remote dump and restore programs in manipulating a magnetic tape drive through an interprocess communication connection?

- A. ssh
- B. rmt
- C. tar
- D. rcp

Answer: B

Question: 188

Which of the following commands provides a list of all loaded kernel modules?

- A. lsmod
- B. modprobe
- C. modinfo
- D. mkinitrd

Answer: A

Question: 189

Which command creates a database that describes kernel's modules dependencies?

- A. depmod
- B. lsmod
- C. rmmod
- D. modprobe

Answer: A

Question: 190

Which of the following commands is used to load and unload the kernel modules?

- A. lsmod
- B. modload
- C. modprobe
- D. modinfo

Answer: C

Question: 191

If /root partition is installed on /dev/hdb1, what defines /dev/hdb1?

- A. Second hard disk, second partition
- B. First hard disk, second partition
- C. Second hard disk, first partition
- D. First hard disk, first partition

Answer: C

Question: 192

Which of the following files can be used to identify installed PCI devices?

- A. //proc/ioports
- B. /proc/pci
- C. /proc/devices
- D. /proc

Answer: C

Question: 193

Which of the following files contain messages and errors from security-related system?

- A. /var/log/messages
- B. /var/log/secure
- C. /var/log/mail
- D. /var/log/message

Answer: B

Question: 194

What is the maximum number of partitions that Linux kernel supports for SCSI drives?

- A. 60
- B. 63
- C. 15
- D. 30

Answer: C

Question: 195

Which of the following commands is used to check file system errors?

- A. fsck
- B. fdisk
- C. tripwire
- D. chkdsk

Answer: A

Question: 196

What is the maximum number of partitions that can be defined on a single hard disk?

- A. 16
- B. 5
- C. 10
- D. 14

Answer: A

Question: 197

Which of the following commands is used to create, change, delete, or display the partitions on a hard disk?

- A. fdisk
- B. fsck
- C. mount
- D. mkfs

Answer: A

Question: 198

Which of the following commands will display or change the filesystem label on the ext2 filesystem located on device?

- A. e2label
- B. e2mkfs
- C. fdisk
- D. mkfs

Answer: A

Question: 199

Which of the following commands is used to create filesystem in Linux?

- A. fdisk
- B. mkfs
- C. sfdisk
- D. fsck

Answer: B

Question: 200

You want to format a floppy disk in a Linux server. Which of the following commands will you use?

- A. fsck /dev/fd0
- B. fdisk /dev/fd0
- C. mkfs /dev/fd0
- D. mount /dev/fd0

Answer: C

Question: 201

By which of the following commands a device can be partition in Linux?

- A. fdisk
- B. fsck
- C. mke2fs
- D. mkfs

Answer: A

Question: 202

In Linux, which of the following is the correct way to view a disk's current partition configuration?

- A. Run the fdisk command, and then type c at the command prompt.
- B. Run the fdisk command, and then type f at the command prompt.
- C. Run the fdisk command, and then type v at the command prompt.
- D. Run the fdisk command, and then type p at the command prompt.

Answer: D

Question: 203

In, which of the following directories all configuration files are usually stored?

- A. /boot
- B. /var
- C. /etc
- D. /bin

Answer: C

Question: 204

Which of the following utilities can be used to mount removable devices when they are detected via HAL?

- A. umount
- B. gnome-mount
- C. gmount
- D. mount

Answer: B

Question: 205

What is the maximum number of partitions that Linux kernel supports for IDE drives?

- A. 50
- B. 15
- C. 74
- D. 63

Answer: D

Question: 206

The ____ command is used to view the TCP/IP configuration on a Windows 9x computer.

- A. IFCONFIG
- B. WINIPCONFIG
- C. CHKDSK
- D. IPCONFIG

Answer: B

Question: 207

What does MBR stand for?

- A. Master boot record
- B. Memory buffer register
- C. Master buffer register
- D. Memory boot record

Answer: A

Question: 208

Which of the following commands sets parameters for ext2 and ext3 filesystems?

- A. fsck
- B. mkfs
- C. fdisk
- D. tune2fs

Answer: D

Question: 209

Which of the following commands will display or change the file system label on the ext2 file system located on the specified device?

- A. e2label
- B. f2label
- C. mkfs
- D. fdisk

Answer: A

Question: 210

Which of the following commands is used to create a file system on a hard disk?

- A. grub
- B. fsck
- C. mount
- D. ls
- E. mkfs
- F. init

Answer: E

Question: 211

Which of the following is the userspace component to the Linux Auditing System, and is responsible for writing audit records to the disk?

- A. klogd
- B. syslogd
- C. crontab
- D. auditd

Answer: D

Question: 212

You work as a Network Administrator for Perfect Solutions Inc. The company has a Linux-based network. You are configuring a UPS for a Linux server. You want to configure the computer as follows:

The server should automatically shut down after ten minutes of power failure.

The server should inform the administrator that the shut down process has started.

Which of the following files will help you to configure these settings?

- A. /etc/syslog.conf
- B. /etc/inittab
- C. /etc/mtab
- D. /etc/fstab

Answer: B

Question: 213

You work as a System Administrator for Tech-Perfect Inc. The company has Linux-based network. You are a root user on the Red Hat operating system. You want to change the speed of your network card 1000Mbps with full duplex on eth1. For this, you run the following command on command-line. `ethtool -s eth1 speed 1000 duplex full` As you run this command, the link goes down and you are unable to ping out with your NIC. What should you do to accomplish the task ?

Each correct answer represents a part of the solution. Choose three.

- A. `ifdown eth1`
- B. `ethtool -s eth1 autoneg off speed 1000 duplex full`
- C. `ethtool eth1`
- D. `ifup eth1`

Answer: A, B, D

Question: 214

Which of the following images provide support for different types of network interface cards and other network devices?

- A. `drvblock.img`
- B. `bootdisk.img`
- C. `drvnet.img`
- D. `pcmciadd.img`

Answer: C

Question: 215

You work as a Network Administrator for Tech Perfect Inc. You want to configure quotas for everyone on the `/home` directory. What will you add to the options in `/etc/fstab`?

Each correct answer represents a complete solution. Choose two.

- A. `usrquota`
- B. `grpquota`
- C. `groupquota`
- D. `userquota`

Answer: A, B

Question: 216

Which of the following Linux file systems is a virtual file system?

- A. /var
- B. /proc
- C. /usr
- D. /home

Answer: B

Question: 217

Which of the following commands does not really shut down the operating system but sends a warning message to all users that the operating system is about to shut down?

- A. shutdown -k
- B. shutdown -c
- C. shutdown -f
- D. shutdown -F



Answer: A

Question: 218

Which of the following files is used to display the status of currently-mounted file systems in a Linux computer?

- A. /dev/mstab
- B. /dev/fstab
- C. /etc/mstab
- D. /etc/fstab

Answer: C

Question: 219

You have made some changes in the `/etc/inittab` file. Now, you want to make changes take effect without rebooting the operating system. Which of the following commands can you use to accomplish the task? Each correct answer represents a complete solution. Choose all that apply.

- A. `init S`
- B. `init Q`
- C. `init q`
- D. `init s`



Answer: B, C

Question: 220

Alicia works as a System Administrator for SoftTech Inc. The company uses the Linux operating system. She wants to install Apache on the company's server. Which of the following commands will she use to check whether or not Apache is already installed on the server?

- A. `rpm -U apache`
- B. `rpm -q apache`
- C. `rpm --checksig`
- D. `rpm -i apache`

Answer: B

Question: 221

You work as a Network Administrator for Tech Perfect Inc. The company has a Linux-based network. You have assigned a permission set of 440 on a folder. Which of the following permissions are added to the folder?

Each correct answer represents a part of the solution. Choose all that apply.

- A. Read permission to the owner.
- B. Read and Execute permissions to the group.
- C. Read, Write, and Execute permissions to the owner and the group.
- D. Read and Execute permissions to the owner.
- E. Read permission to the group.
- F. No permission to others.

Answer: A, E, F

Question: 222

You are a newly appointed Red Hat Technician for uCertify Inc. The company has a Linux-based network. You want to install a package named httpd on your Linux system. Before installing the package, you want to get the list of those packages that httpd depends on. Which of the following commands will you use to accomplish the task?



- A. rpm -qR httpd
- B. yum list httpd
- C. rpm deplist httpd
- D. yum deplist httpd

Answer: D

Question: 223

Which of the following commands is used to create a logical volume in a volume group in Linux?

- A. lvextend
- B. lvcreate
- C. vgcreate
- D. pvcreate

Answer: B

Question: 224

What does the third field in the process entry of the /etc/inittab file define?



- A. It defines the name of the process to be executed.
- B. It is an identification number of the process entry.
- C. It defines the action to be taken by the process.
- D. It defines the run level of the process.

Answer: C

Question: 225

You work as a Network Administrator for Tech World Inc. The company has a Linux-based network. You have installed a video card in your Linux workstation. Which of the following will you require in order to configure X?

- A. root/videoconf
- B. root/x11/xf86config
- C. etc/x11/xf86config
- D. etc/videoconf

Answer: C

Question: 226

John works as a Network Administrator for Perfect Solutions Inc. The company has a Linux-based network. John is working as a root user on the Linux operating system. Which of the following commands will he use to create a report of the disk quota of all users?

- A. quotaon
- B. warnquota
- C. quotaoff
- D. repquota

Answer: D

Question: 227

You work as an Administrator for McNeil Inc. The company has a Linux-based network. You are logged in as a standard user on your client computer. You have started a process 1001 as a root user. You want to kill the process. Which of the following commands will you use to accomplish the task?

- A. kill 1001 /SU
- B. su -c "kill 1001"
- C. kill 1001
- D. killall 1001

Answer: B

Question: 228

In order to access any other devices, such as a floppy drive, the relevant device node must be created. Which of the following commands will you use to make device nodes manually?

- A. chroot
- B. mkfs
- C. mkdir
- D. mknod

Answer: D

Question: 229

Which of the following commands is used to format a floppy disk in the second floppy disk drive?

- A. mkfs /dev/fd1
- B. mount /dev/fd0
- C. mount /dev/fd1
- D. mkfs /dev/fd0

Answer: A

Question: 230

Which of the following commands will go through your logs for a given period of time and make a report in the areas that you wish with the detail that you wish?

- A. logrotate
- B. anacron
- C. tmpwatch
- D. logwatch

Answer: D

Question: 231

John works as a Network Administrator for Perfect Solutions Inc. The company has a Linux-based network. John is working as a root user on the Linux operating system. He wants to run xdm automatically when the Linux operating system reboots. What will he do to accomplish the task?

- A. Enter the run xdm -auto command on the terminal.
- B. Enter the xdm command on the terminal.
- C. Enter the killall xdm command on the terminal.
- D. Change the default run level for xdm in the `/etc/inittab` file.

Answer: D

Question: 232

Which of the following commands is used to check the disk quota for each filesystem and to mail a warning message to a user who has reached his/her softlimit?

- A. repquota
- B. edquota
- C. quotacheck
- D. warnquota

Answer: D

Question: 233

You work as a Network Administrator for Perfect Solutions Inc. The company has a Linux-based network. You are working as a root user on the Linux operating system. You want to run the yum command entirely from the cache and not let it download or update any headers unless absolutely necessary. Which of the following yum command parameters will you use to accomplish the task?

- A. -y
- B. -R
- C. -c
- D. -C

Answer: D

Question: 234

Drag and drop the appropriate file name before the respective information it contains.

- | | |
|---|-----------|
| 1. This file displays a list of all modules loaded into the kernel. | Drop Here |
| 2. This file specifies the version of the Linux kernel, as well as the version of Red Hat Enterprise Linux installed on the system. | Drop Here |
| 3. This file provides the current status of all RAID devices. | Drop Here |
| 4. This file contains different statistics about the system since it was last restarted. | Drop Here |

`/proc/module` `/proc/version` `/proc/mdstat` `/proc/stat`

A.

- | | |
|---|----------------------------|
| 1. This file displays a list of all modules loaded into the kernel. | <code>/proc/module</code> |
| 2. This file specifies the version of the Linux kernel, as well as the version of Red Hat Enterprise Linux installed on the system. | <code>/proc/version</code> |
| 3. This file provides the current status of all RAID devices. | <code>/proc/mdstat</code> |
| 4. This file contains different statistics about the system since it was last restarted. | <code>/proc/stat</code> |

`/proc/module` `/proc/version` `/proc/mdstat` `/proc/stat`

Answer: A

Question: 235

Which of the following commands can be used to view the information about the transmitted or received packets from a network interface?

- A. `ip link show [interface name]`
- B. `ip -s link show [interface name]`
- C. `ifconfig`
- D. `ping`

Answer: B

Question: 236

Which of the following shutdown command parameters is used to skip the fsck command process after rebooting the Linux operating system?

- A. -k
- B. -a
- C. -f
- D. -t

Answer: C

Question: 237

Which of the following commands is used to modify the kernel parameters at runtime?

- A. modinfo
- B. modprobe
- C. lsmod
- D. sysctl



Answer: D

Question: 238

Which of the following commands can you use to create an ext3 file system?
Each correct answer represents a complete solution. Choose two.

- A. mkfs.ext3
- B. mke2fs
- C. mke2fs -j
- D. mkfs.ext2

Answer: A, C

Question: 239

In Linux, which of the following files contains group information?

- A. /etc/gp
- B. /etc/group
- C. /etc/login.defs
- D. /etc/passwd

Answer: B

Question: 240

You work as a Network Administrator for Secure World Inc. The company has a Linux-based network. You want to run a command with the changed root directory. Which of the following commands will you use?

- A. chroot <new root> <command>
- B. chdir <new root> <command>
- C. ls <new root> <command>
- D. route <new root> <command>

Answer: A

Question: 241

Which of the following statements about Logical Volume Management (LVM) is true?

Each correct answer represents a complete solution. Choose all that apply.

- A. It can resize volume groups online by absorbing new physical volumes (PV) or ejecting existing ones.
- B. It can resize logical volumes (LV) online by concatenating extents onto them or truncating extents from them.
- C. It cannot suffer from internal fragmentation.
- D. It can stripe whole or parts of logical volumes across multiple PVs, in a fashion similar to RAID0.

Answer: A, B, D

Question: 242

You want to start the display manager automatically at boot time. Which of the following files will you edit to accomplish the task?

- A. Xaccess
- B. XDM-config
- C. Xsession
- D. inittab

Answer: D

Question: 243

Which of the following files contains the configuration of the kernel modules?

- A. /etc/kernel.modules
- B. /etc/lilo.conf
- C. /etc/conf.modules
- D. /etc/syslog.conf

Answer: C

Question: 244

John works as a Network Administrator for Perfect Solutions Inc. The company has a Linux-based network. John is working as a root user on the Linux operating system. He wants to change the quota setting of the user named Maria. Which of the following commands will he use to accomplish the task?

- A. edquota -u
- B. edquota -g
- C. edquota -p
- D. edquota -T

Answer: A

Question: 245

You work as a Network Administrator for Tech Perfect Inc. The company has a Linux-based network. You are required to boot a server in single-user mode. Which of the following runlevels will you choose to accomplish the task?

- A. 0
- B. 5
- C. 1
- D. 3
- E. 2

Answer: C

Question: 246

Which of the following tools is used to print the super block and block group descriptor information for an ext2 or ext3 file system?

- A. xfs_growfs
- B. debug2fs
- C. xfs_info
- D. dumpe2fs

Answer: D

Question: 247

Which of the following commands is used to modify a user account?

- A. USERADD
- B. MOUNT
- C. MODUSER
- D. USERMOD

Answer: D

Question: 248

Which of the following commands can be used to power off a Linux computer?
Each correct answer represents a complete solution. Choose all that apply.

- A. init 6
- B. init 0
- C. shutdown
- D. halt

Answer: B, C, D

Question: 249

You work as the Network Administrator for Perfect Solutions Inc. The company has a Linux-based network. You are a root user on the Red Hat operating system. You want to keep an eye on the system log file `/var/adm/messages`. Which of the following commands should you use to read the file in real time?

- A. `tail -n 3 /var/adm/messages`
- B. `tail /var/adm/messages`
- C. `cat /var/adm/messages`
- D. `tail -f /var/adm/messages`

Answer: D

Question: 250

Which of the following RAID levels provides block level striping?

- A. RAID 4
- B. RAID 3
- C. RAID 5
- D. RAID 6

Answer: A

Question: 251

Which of the following commands is used to enforce checking of a file system even if the file system seems to be clean?

- A. e2fsck -f
- B. e2fsck -p
- C. e2fsck -c
- D. e2fsck -b

Answer: A

Question: 252

Which of the following commands creates a new logical volume in a volume group?

- A. pvcreate
- B. mkfs
- C. lvcreate
- D. vgcreate

Answer: C

Question: 253

John works as a Network Administrator for Perfect Solutions Inc. The company has a Linux-based network. John is working as a root user on the Linux operating system. He wants to get the status of the modules currently loaded in the kernel. Which of the following commands will John use to accomplish his task? Each correct answer represents a complete solution. Choose all that apply.

- A. ls /proc
- B. lsmod
- C. locate
- D. cat /proc/modules

Answer: B, D

Question: 254

You work as a Network Administrator for Rick International. The company has a Linux-based network. You have to remove a package named TEST from a Linux server. Which of the following commands will you use to accomplish the task?

- A. rpm -e TEST
- B. rpm -ql TEST
- C. rpm -qi TEST
- D. rpm -i TEST

Answer: A

Question: 255

Which of the following commands is used to check the signature of an rpm packet?

- A. rpm --sig
- B. rpm -e
- C. rpm --changelog
- D. rpm --checksig

Answer: D

Question: 256

Which of the following commands will you use to change the home directory of a user and move all of its contents to the new home directory?

- A. usermod -g
- B. usermod -o -u
- C. usermod -u
- D. usermod -d -m

Answer: D

Question: 257

Which of the following run levels start the system in single user mode?
Each correct answer represents a complete solution. Choose all that apply.

- A. single
- B. S
- C. 0
- D. 1
- E. s

Answer: A, B, D, E

Question: 258

Which of the following commands will you use to list all local and remote printers attached to your computer?

- A. lpstat -t
- B. lpq
- C. lpr
- D. lpstat -d

Answer: A

Question: 259

Which of the following files contains configuration data for automount?

- A. automount
- B. automaster
- C. auto.mount
- D. auto.master

Answer: D

Question: 260

You want to find out what quota a user 'john' is using. Which of the following commands will you use to accomplish the task?

- A. edquota -u john
- B. quota -u john
- C. edquota -g john
- D. quota john

Answer: D

Question: 261

Which of the following files is the Linux Loader (LILO) configuration file?

- A. /etc/liloconf
- B. /etc/lilo.con
- C. /etc/lilocon
- D. /etc/lilo.conf

Answer: D

Question: 262

You work as a Network Administrator for Sanctity Inc. The company has a Linux-based network. You are installing a UPS on a file server on the network. Users frequently use this server to store and retrieve their files. After installing the UPS, you make the required changes in the /etc/inittab file. You want to implement these changes with immediate effect, but you cannot afford to reboot the server. Which of the following commands will you use to accomplish the task?

- A. init q
- B. init noboot
- C. shutdown -r
- D. shutdown -t

Answer: A

Question: 263

You work as a Network Administrator for Tech Perfect Inc. The company has a Linux-based network. You are configuring a Linux computer. You want the Linux system to be booted in XWindow by default. Which of the following runlevels will you choose?

- A. 5
- B. 3
- C. 2
- D. 6

Answer: A

Question: 264

Which of the following mke2fs command parameters is used to read bad blocks from a given file?

- A. -l
- B. -N
- C. -c
- D. -m

Answer: A

Question: 265

Which of the following commands is used to verify the installed zip rpm against the RPM database?

- A. rpm -Vp zip-2.3-8.i386.rpm
- B. rpm -Va
- C. rpm -V zip
- D. rpm -qa gpg-pubkey



Answer: C

Question: 266

Drag and drop the appropriate command in front of its respective function.

1.This is used to extract the quota information for a user from the various filesystems with quotas enabled.

Drop Here

2.This is used to check the disk quota for each filesystem and to mail a warning message to a user who has reached his/her softlimit.

Drop Here

3.This announces to the system that disk quotas should be enabled on one or more filesystems.

Drop Here

4.This is used to print a summary of quotas and disk usage for a file system specified by the filesystem parameter.

Drop Here

5.This examines each filesystem, builds a table of current disk usage, and compares this table against that is stored in the disk quota file for the filesystem.

Drop Here

edquota

warnquota

quotaon

repquota

quotacheck

A.

1.This is used to extract the quota information for a user from the various filesystems with quotas enabled.

edquota

2.This is used to check the disk quota for each filesystem and to mail a warning message to a user who has reached his/her softlimit.

warnquota

3.This announces to the system that disk quotas should be enabled on one or more filesystems.

quotaon

4.This is used to print a summary of quotas and disk usage for a file system specified by the filesystem parameter.

repquota

5.This examines each filesystem, builds a table of current disk usage, and compares this table against that is stored in the disk quota file for the filesystem.

quotacheck

edquota

warnquota

quotaon

repquota

quotacheck

Answer: A

Question: 267

Which of the following commands can be used to check badblocks?
Each correct answer represents a complete solution. Choose all that apply.

- A. mkswap -c
- B. fsck -c
- C. mke2fs -l
- D. fsck -p

Answer: A, B, C

Question: 268

You work as a Network Administrator for McNeil Inc. The company has a Linux-based network. You want to create a new user account from the shell. Which of the following commands will you use?

- A. CREATEUSER
- B. USERADD
- C. MOUNT
- D. CRUSER

Answer: B

Question: 269

You work as a Network Administrator for Rick Inc. The company has a Linux-based network. You have downloaded an application package from the Internet. What will you do next?

- A. Run the application package.
- B. Verify the entirety of the package file.
- C. Mount the application package.
- D. Install the application package.

Answer: B

Question: 270

In Linux, which of the following commands is used to query the installed RPM packages?

- A. rpm -?
- B. rpm -qr
- C. rpm -q
- D. rpm -get

Answer: C

Question: 271

Which of the following files must be edited to alter the run level?

- A. /etc/profile
- B. /etc/mtab
- C. /etc/inittab
- D. /etc/init

Answer: C

Question: 272

Which of the following commands is used to unmount a file system from its mount point?

- A. automount
- B. fdisk
- C. umount
- D. unmount

Answer: C

Question: 273

Which of the following commands issues a warning to logged-in users before the shutdown process begins in a Linux server?

- A. mount
- B. sdwarn
- C. shutdown
- D. init

Answer: C

Question: 274

You work as a Network Administrator for Net Perfect Inc. The company has a Linux-based network. You have created a folder named Report. You have made David the owner of the folder.

The members of a group named JAdmin can access the folder and have Read, Write, and Execute permissions. No other user can access the folder. You want to ensure that the members of the JAdmin group do not have Write permission on the folder. Also, you want other users to have Read permission on the Report folder.

Which of the following commands will you use to accomplish the task?

- A. chmod 777 report
- B. chmod 754 report
- C. chmod 555 report
- D. chown david.jadmin report

Answer: B

Question: 275

Which of the following commands or command flags can be used to list the installed services and their associated runlevels?

- A. menuconfig
- B. chkconfig
- C. config
- D. xconfig

Answer: B

Question: 276

Which of the following rpmbuild commands is used to print debugging information of an rpm package?

- A. rpm -vv
- B. rpm --pipe
- C. rpm -V zip
- D. rpm --quiet

Answer: A

Question: 277

Which of the following commands sets the run level of a Linux computer?

- A. ps
- B. mount
- C. init
- D. kill

Answer: C

Question: 278

Which of the following commands is used to start a preconfigured network interface?

- A. ping
- B. ifup [interface name]
- C. ifdown [interface name]
- D. ifprobe [interface name]

Answer: B

Question: 279

Which of the following commands is used to list all contents of a superblock of a partition?

- A. tune2fs -l
- B. tune2fs -j
- C. tune2fs -f
- D. tune2fs -c

Answer: A

Question: 280

John works as a Network Administrator for We-are-Secure Inc. The company uses a Linux server. John wants to give the following file permissions to the imp.c file:

Read, Write, and Execute permissions to the owner

Read and Write permissions to groups

Read Only permissions to other users

Which of the following commands will John use to accomplish the task?

- A. chmod 712
- B. chmod 777
- C. chmod 765
- D. chmod 764

Answer: D

Question: 281

Which of the following commands is used to change file access permissions in Linux?

- A. chmod
- B. chperm
- C. chown
- D. chgrp

Answer: A

Question: 282

Which of the following commands displays information for all filesystems that have quota enabled?

- A. quotaon
- B. quota
- C. quota -v
- D. quotaoff

Answer: C

Question: 283

Which of the following commands helps an administrator to switch a Linux server to different run levels without rebooting the server?

- A. mount
- B. init
- C. su
- D. cngri

Answer: B

Question: 284

Which of the following servers can provide files required for Red Hat Linux installation process?
Each correct answer represents a complete solution. Choose all that apply.

- A. FTP
- B. HTTP
- C. SMB
- D. NFS

Answer: A, B, D

Question: 285

You work as a Network Administrator for McNeil Inc. You are configuring a hard disk drive of a Linux server. Which of the following steps can prevent the server from failure due to a log file or user quota overrun?

- A. Using the same file system for /bin and /usr.
- B. Using separate file systems for /home and /var.
- C. Using separate file systems for /bin and /usr.
- D. Using the same file system for /home and /var.

Answer: B

Question: 286

John works as a Network Administrator for Perfect Solutions Inc. The company has a Linux-based network. John is working as a root user on the Linux operating system. John wants to remove some installed kernel modules. Which of the following commands will John use to accomplish his task?

Required Command	Available commands
<input type="text" value="Command"/>	<input type="text" value="rm -rf"/>
	<input type="text" value="modprobe -fr"/>
	<input type="text" value="insmod"/>

A.

Required Command	Available commands
<input type="text" value="modprobe -fr"/>	<input type="text" value="rm -rf"/>
	<input type="text" value="modprobe -fr"/>
	<input type="text" value="insmod"/>

Answer: A

Question: 287

John works as a Network Administrator for Perfect Solutions Inc. The company has a Linux-based network. John is working as a root user on the Linux operating system. He has recently run the yum clean packages command. What does this command do?

- A. It eliminates all cached packages from the system.
- B. It deletes the cached packages and metadata.
- C. It deletes the dbcache information.
- D. It deletes the cached packages and headers.

Answer: A

Question: 288

You work as a Network Administrator for Tech Perfect Inc. The company has a Linux-based network. You want to kill a process running on a Linux server. Which of the following commands will you use to know the process identification number (PID) of the process?

- A. killall
- B. getpid
- C. ps
- D. kill

Answer: C

Question: 289

Which of the following statements is true about the sticky bit?

- A. It marks files for archive.
- B. It changes the modification time of files.
- C. It is a special type of permission that enables only read permission for all users, including the owner of the files and the root user.
- D. It allows only the owner or root to delete or rename files.

Answer: D

Question: 290

You are a newly appointed network technician at Net Perfect Inc. The company has a Linux-based network. You want to install a package named firefox on your Linux system. Which of the following commands will you use to accomplish the task?

- A. yum update firefox
- B. yum i firefox
- C. yum install firefox
- D. yum -ivh firefox

Answer: C

Question: 291

Different options are used with the ethtool command to perform different tasks, such as to change the speed of Ethernet card, to change duplex settings of Ethernet card, etc. Drag and drop the appropriate option before its respective function.

1. It allows changing some or all settings. of the specified Ethernet device.
2. It sets speed in Mbps.
3. It sets half or full duplex mode.
4. It specifies that auto-negotiation is enabled/disabled.
5. It selects device port.

Drop Here

Drop Here

Drop Here

Drop Here

Drop Here

-s

speed 10/100/1000

duplex half/full

autoneg on/off

port tp/aui/bnc/mii

A.

1. It allows changing some or all settings. of the specified Ethernet device.	-s	
2. It sets speed in Mbps.	speed 10/100/1000	
3. It sets half or full duplex mode.	duplex half/full	
4. It specifies that auto-negotiation is enabled/disabled.	autoneg on/off	
5. It selects device port.	port tp/aui/bnc/mii	
-s	speed 10/100/1000	duplex half/full
autoneg on/off	port tp/aui/bnc/mii	

Answer: A

Question: 292

Which of the following runlevel scripts of the /etc/init.d directory terminates all processes, removes swap space, unmounts all file systems, and either shuts down or reboots the computer?

- A. halt
- B. autofs
- C. apmd
- D. crond

Answer: A

Question: 293

Which of the following commands configures a new printer or changes the configuration of the existing printer?

- A. lpr
- B. lprm
- C. lpstat
- D. lpadmin

Answer: D

Question: 294

Which of the following commands is used to start or stop a standalone service immediately?

- A. ntsysv
- B. service
- C. services
- D. chkconfig

Answer: B

Question: 295

You work as a System Administrator for McNeil Inc. The company has a Linux-based network. You are a root user on the Red Hat operating system. You have added a new swap partition on /dev/hdb2. After adding the new swap partition and enabling it, you want to ensure that it is enabled. Which of the following commands will you use to accomplish the task?

Each correct answer represents a complete solution. Choose two.

- A. cat /proc/swaps
- B. mkswap
- C. swapon
- D. free

Answer: A, D

Question: 296

Fill in the blank with the appropriate tool.

_____ is a network diagnostic tool that combines the functionality of the traceroute and ping programs in a single network diagnostic tool.

- A. mtr

Answer: A

Question: 297

Which of the following run-levels causes an X-based login to appear when the system is booted?

- A. Run-level 2
- B. Run-level 4
- C. Run-level 3
- D. Run-level 5

Answer: D

Question: 298

John works as a professional Ethical Hacker. He has been assigned a project to test the security of www.we-are-secure.com. He enters the following command on the Linux terminal:

`chmod 741 secure.c` Considering the above scenario, which of the following statements are true?

Each correct answer represents a complete solution. Choose all that apply.

- A. The textual representation of the file access permission of 741 will be `-rwxr--rw-`.
- B. By the octal representation of the file access permission, John is restricting the group members to only read the `secure.c` file.
- C. John is providing all rights to the owner of the file.
- D. John is restricting a guest to only write or execute the `secure.c` file.

Answer: B, C

Question: 299

Which of the following commands can be used to display the file name, owner, group, and the Access Control List (ACL) of a given file?

- A. `rdev`
- B. `cardmgr`
- C. `getfacl`
- D. `dd`

Answer: C

Question: 300

You work as a Network Administrator for Perfect Solutions Inc. The company has a Linux-based network. Rick, a Sales Manager, has a permission issue on a file. You want to know the names of groups of which Rick is a member. You want to store the information in a text file named RickGroup.txt. Which of the following commands will you use to accomplish the task?

- A. `ls /etc/group rick > RickGroup.txt`
- B. `grep /etc/group rick > RickGroup.txt`
- C. `ls rick /etc/group > RickGroup.txt`
- D. `grep rick /etc/group > RickGroup.txt`

Answer: D

Question: 301

You are using RHEL 5 on your system. You want to know, what kernel version is currently running in RHEL 5. Which of the following commands will you use to accomplish this task? Each correct answer represents a complete solution. Choose two.

- A. `uname -s`
- B. `cat /proc/version`
- C. `uname -v`
- D. `uname -r`

Answer: B, C

Question: 302

You work as a Network Administrator for Net World Inc. The company has a Linux-based network. You are configuring a server that will be used as a Web server. You want to use disk striping with parity on the server. You also want to configure it with a hot spare disk. What is the minimum number of disks that you will require for this configuration?

- A. 2
- B. 4
- C. 5
- D. 3

Answer: B

Question: 303

Which of the following commands is used to gather information about installed hardware in a computer from the interrupts, iports and dma files in the /proc directory?

- A. sync
- B. sysctl
- C. lsdev
- D. mkinitrd

Answer: C

Question: 304

Drag and drop the appropriate commands before their respective functions.

- a) It starts a preconfigured net interface.
- b) It stops a (preconfigured) net interface.
- c) It shows the state of a (preconfigured) net interface.
- d) It renews the DHCP lease on a net interface.
- e) It checks if the configuration for the interface has changed.

Drop here

Drop here

Drop here

Drop here

Drop here

ifdown

ifup

ifprobe

ifstatus

ifrenew

A.

- a) It starts a preconfigured net interface.
- b) It stops a (preconfigured) net interface.
- c) It shows the state of a (preconfigured) net interface.
- d) It renews the DHCP lease on a net interface.
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ifup

ifdown

ifstatus

ifrenew

ifprobe

ifdown

ifup

ifprobe

ifstatus

ifrenew

Answer: A

Question: 305

Which of the following commands is used to create a new group account?

- A. groupdel
- B. groupmod
- C. groupenable
- D. groupadd

Answer: D

Question: 306

Which of the following commands is used to create a new group in a Linux server?

- A. MOUNT
- B. ADDGROUP
- C. USERADD
- D. GROUPADD

Answer: D

Question: 307

Which of the following statements are true about rsync?
Each correct answer represents a complete solution. Choose all that apply.

- A. It can use any transparent remote shell, including ssh or rsh.
- B. It does not support for anonymous or authenticated rsync daemons.
- C. It does not require super-user privileges.
- D. It supports for copying links, devices, owners, groups, and permissions.

Answer: A, C, D

Question: 308

Which of the following commands is used to compress files?

- A. GZIP
- B. TAR
- C. WINZIP
- D. GUNZIP

Answer: A

Question: 309

Which of the following mkswap command options can be used to allow the creation of a swap area that is larger than the file or partition area on which it resides?

- A. -f
- B. -c
- C. -p
- D. -L

Answer: A

Question: 310

Which of the following tools can be used to add a journal to an ext2 system, making it an ext3 system, as well as to display or set the maximum number of mounts before a check is forced?

- A. debug2fs
- B. dump2fs
- C. xfs_admin
- D. tune2fs

Answer: D

Question: 311

Which of the following files will you need to modify to disable the SELinux?
Each correct answer represents a complete solution. Choose all that apply.

- A. /etc/selinux/config
- B. /etc/grub.conf
- C. /etc/sysconfig/network
- D. /etc/selinux.conf

Answer: A, B

Question: 312

Which of the following provides users shared access to files and directories?

- A. pump
- B. NFS
- C. Squid
- D. DNS

Answer: B

Question: 313

Which of the following commands can be used to upgrade a package only if an earlier version of that package is already installed?
Each correct answer represents a complete solution. Choose all that apply.

- A. rpm -F
- B. rpm --freshen
- C. rpm --upgrade
- D. rpm -U

Answer: A, B

Question: 314

Which of the following SHELL commands displays currently logged-in users and their tasks?

- A. who
- B. w
- C. finger
- D. whoami

Answer: B

Question: 315

You work as a Network Administrator for McRoberts Inc. The company has a Linux-based network. You have created a script named lf.cgi. You want to provide the following permissions on it:

rwsr-sr--

Which of the following commands will you execute?

- A. chmod 2754
- B. chmod 6754
- C. chmod 4754
- D. chmod 7754

Answer: B

Question: 316

Which of the following files is used to initialize a computer-wide environment on a Linux computer?

- A. /etc/group
- B. /etc/profile
- C. /etc/syslog.conf
- D. /etc/startup

Answer: B

Question: 317

You work as a Network Administrator for World Perfect Inc. The company has a Linux-based network. You have configured a Linux Web server on the network. A user complains that the Web server is not responding to requests. The process list on the server shows multiple instances of the HTTPD process. You are required to stop the Web service. Which of the following commands will you use to resolve the issue?

- A. killall httpd
- B. kill httpd
- C. stopall httpd
- D. stop httpd

Answer: A

Question: 318

Which of the following commands runs a Linux system in multi-user mode with networking?

- A. init 2
- B. init 3
- C. init 6
- D. init 5

Answer: B

Question: 319

Which of the following switches of the rpm command lists the package that owns the specified file?

- A. -a
- B. -q
- C. -e
- D. -f

Answer: D

Question: 320

You work as a Network Administrator for Perfect World Inc. The company has a Linux-based network. You have configured a Linux server to connect to the Internet. Before connecting it to the Internet, you want to check all the files on which SUID has been set. Which of the following commands will you choose to list all such programs?

- A. find /-perm -2000
- B. ls -l
- C. find /-perm -4000
- D. ls -suid

Answer: C

Question: 321

Which of the following commands is used to uninstall an RPM package from a Linux server?

- A. rpm -e
- B. rpm --uninstall
- C. rpm -U
- D. rpm -re

Answer: A

Question: 322

You want to repeat the last command you entered in the bash shell. Which of the following commands will you use?

- A. history !!
- B. history ##
- C. history !#
- D. history !1



Answer: A

Question: 323

John works as a Network Administrator for Perfect Solutions Inc. The company has a Linux-based network. John is working as a root user on the Linux operating system. The company is using the host-based access control to avoid unwanted access of the malicious users. John wants to add a new user, which can use X applications from the remote computer. Which of the following commands will John use to accomplish his task?

Each correct answer represents a complete solution. Choose all that apply.

- A. John will run the xhost command.
- B. John will execute the startx command.
- C. John will add a new user in the file `/etc/Xn.hosts`.
- D. John will add a new user in the file `/etc/Xadd.hosts`.

Answer: A, C

Question: 324

Which of the following commands is used to scan and repair file systems on a hard disk of a Linux computer?

- A. fsck
- B. fixfs
- C. mkfs
- D. mount

Answer: A

Question: 325

Which of the following commands can be used to initialize a disk partition to set up the Logical Volume Manager (LVM)?

- A. vgcreate
- B. lvcreate
- C. pvcreate

Answer: C

Question: 326

You are novice user of Linux. You forgot your password. Which of the following commands will you use to change your password?

- A. chmod
- B. chown
- C. password
- D. passwd

Answer: D

Question: 327

Which of the following files contains the processes that start up automatically during the booting of a Linux server?

- A. /etc/inittab
- B. /etc/lilo.conf
- C. /usr/inittab
- D. /etc/syslog.conf

Answer: A

Question: 328

Which of the following commands will you use to display the packages that depend on the package foo?

- A. rpm --freshen foo
- B. rpm -q --whatrequires foo
- C. rpm -q --triggeredby foo
- D. rpm -q --changelog foo

Answer: B

Question: 329

Which of the following commands can be used to delete all jobs queued in a printer?
Each correct answer represents a complete solution. Choose all that apply.

- A. lprm - *
- B. lprm -a all
- C. lprm -all
- D. lprm -

Answer: B, D

Question: 330

You work as a Network Administrator for Perfect Solutions Inc. The company has a Linux-based network. You have installed Kmail for sending messages. You want to install the latest version of it. Which of the following commands will you use to identify the currently installed version?

- A. rpm -q
- B. rpm -U
- C. rpm -v
- D. rpm -i

Answer: A

Question: 331

Fill in the blank with the appropriate command's option.
_____ option is used with chage command to change the number of days of warning before a password change is required.

- A. -W warndays

Answer: A

Question: 332

Which of the following directories CANNOT be installed on separate filesystems in Linux?
Each correct answer represents a complete solution. Choose all that apply.

- A. /etc
- B. /bin
- C. /var
- D. /lib

Answer: A, B, D

Question: 333

Which of the following rpmbuild command options is used to print debugging information of an rpm package?

- A. --pipe
- B. -vv
- C. -v
- D. --quite

Answer: B

Question: 334

Which of the following commands can be used to get the status of the modules currently loaded in the kernel?
Each correct answer represents a complete solution. Choose all that apply.

- A. netstat
- B. cat /proc/modules
- C. lsmod
- D. find

Answer: B, C

Question: 335

You work as a Network Administrator for Net Perfect Inc. The company has a Linux-based network. You are configuring a new computer that will work as a file server. You have decided to use ten hard disk drives in a RAID-5 array. Each hard disk has 40GB capacity. How much space will be available for file storage?

- A. 400GB
- B. 300GB
- C. 200GB
- D. 360GB

Answer: D

Question: 336

John works as a Network Administrator for Perfect Solutions Inc. The company has a Linux-based network. John is working as a root user on the Linux operating system. He wants to decompress a gZipped tarball. Which of the following commands will John use to accomplish this task?

- A. `tar -cvf`
- B. `tar -zxvf`
- C. `tar -xvf`
- D. `tar -jzvf`

Answer: B