Exam Questions 201-450

LPIC-2 Exam 201 Part 1 of 2 version 4.5

https://www.2passeasy.com/dumps/201-450/

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

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

Answer: D

NEW QUESTION 2
When is historical data of resource usage important? (Select THREE correct answers.)

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

Answer: ADE

NEW QUESTION 3
Which commands below are useful to collect data about remote filesystem connections? (Choose TWO correct answers.)

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

Answer: BD

NEW QUESTION 4
What mechanism does collectd use to gather monitoring information on systems?

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

Answer: A

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

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

Answer: ACD

NEW QUESTION 6
Which of the following commands will provide the PIDs of the processes sorted by which are using the most CPU cycles on the Linux system?

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

Answer: A

NEW QUESTION 7
In the below example output, which columns detail the percent of time the CPU spent running non-kernel code and the percent of time the CPU spent running kernel code? (Choose TWO correct answers.)
vmstat 1 100
procs -----------memory---------- ---swap-- -----io---- --system-- ----cpu----
r b swpd free buff cache si so bi bo in cs us sy id wa
0 0 0 282120 134108 5797012 0 0 2 0 0 0 0 100 0
0 0 0 282120 134108 5797012 0 0 0 0 1007 359 0 0 100 0
0 0 0 282120 134108 5797012 0 0 0 0 1117 577 0 0 100 0
0 0 0 282120 134108 5797012 0 0 0 0 1007 366 0 0 100 0

A. id
B. us
C. wa
D. sy

Answer: BD

NEW QUESTION 8
In the following output, what is the 5 minute load average for the system?
uptime
12:10:05 up 18 days, 19:00, 2 users, load average: 0.47, 24.71, 35.31

A. 0.47
B. 24.71
C. 35.31
D. There is no 5 minute interva
E. It is some value between 0.47 and 24.71.
F. There is no 5 minute interva
G. It is some value between 24.71 and 35.31.

Answer: B

NEW QUESTION 9
Which of the following tools are used to measure memory usage? (Choose THREE correct answers.)

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

Answer: CDE

NEW QUESTION 10
Which commands are used to load modules into the Linux kernel? (Choose TWO correct answers.)

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

Answer: AD

NEW QUESTION 10
Which directory contains the system-specific udev rule files? (Specify the absolute path including the directory name)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
/etc/udev/rules.d, /etc/udev/rules.d/

NEW QUESTION 13
What is the purpose of the command udevadm monitor?

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

Answer: A

NEW QUESTION 14
Which of the following command sequences can be used to extract files contained in a initramfs file (/boot/initramfs) which is used by the kernel at boot time?

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

Answer: B

NEW QUESTION 17
What information does the file modules.dep provide?

A. A list of all modules, compiled or not, that are available to the kernel.
B. A list of modules trusted by the installed kernel.
C. A list of devices and their module name.
D. A list of all compiled modules and their dependencies.
E. A list of modules the kernel needs to run.

Answer: D

NEW QUESTION 18
Please enter the complete path to the main SysV init process configuration file.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
/etc/inittab

NEW QUESTION 21
In case the file containing the Linux kernel is lost, what happens when the system is booting?

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

Answer: D

NEW QUESTION 22
What is the full path to the directory which contains the scripts (or links to the original scripts) to run while the system boots to SysV-init runlevel 2?

A. Mastered
B. Not Mastered

Answer: A

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

NEW QUESTION 23
A system with SysV-init has a service installed called apache2. Which file controls the start and stop of this service and is referenced by the various runlevel directories?

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

Answer: A

NEW QUESTION 25
What is the meaning of the /etc/auto.home file?

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

Answer: D

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

NEW QUESTION 30
Due to extreme system use, a Linux system requires some additional swap space. To initialize 5GB of additional swap space, which combination of commands should be used?

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

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

Answer: C

NEW QUESTION 35
Which command turns an existing ext2 filesystem non-destructively into an ext3 filesystem? (Specify ONLY the command without any path or parameters.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
/sbin/tune2fs, tune2fs

NEW QUESTION 36
What component of a system does smartd monitor?

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

Answer: C

NEW QUESTION 41
Which directory in /dev/disk/ can be used to determine the UUID of a connected hard disk?

A. Mastered
B. Not Mastered

Answer: A

Explanation:
/dev/disk/by-uuid, by-uuid, /dev/disk/by-uuid/

NEW QUESTION 45
What does a 0 in the last field (fsck order) of /etc/fstab indicate about the filesystem?

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

Answer: E

NEW QUESTION 47
Which of the following is a CD-ROM filesystem standard?

A. OSI9660
B. ISO9660
C. SR0FS
D. ISO8859
E. ROM-EO

Answer: B

NEW QUESTION 49
What is the minimum number of disks required in a fully redundant RAID5 array?

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

Answer: C

NEW QUESTION 50
Which directory in /dev/disk/ can be used to determine the UUID of a connected hard disk?

A. Mastered
B. Not Mastered

Answer: A

Explanation:
/dev/disk/by-uuid, by-uuid, /dev/disk/by-uuid/

NEW QUESTION 53
How can the label root be added to the ext4 filesystem on /dev/sda1?

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

Answer: B

NEW QUESTION 54
Due to extreme system use, a Linux system requires some additional swap space. To initialize 5GB of additional swap space, which combination of commands should be used?

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

Answer: C

NEW QUESTION 56
What component of a system does smartd monitor?

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

Answer: C

NEW QUESTION 58
What command will remove a physical volume from a volume group? (Specify ONLY the command without any path or parameters.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
vgreduce, /sbin/vgreduce

NEW QUESTION 61
What command is used to make an exact copy, at a single point in time, of a logical volume for backup purposes?

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

Answer: C

NEW QUESTION 65
Which of the following commands is used to set up a RAID volume?

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

Answer: B

NEW QUESTION 69
Which RAID level value must be used with Linux software RAID in order to create an array of mirrored devices?

A. 1
B. 5
C. 6
D. container
E. mirrorstripe

Answer: A

NEW QUESTION 71
Which two LVM commands are missing from the following sequence which is used to create a logical volume and make use of it on a Linux system?
pvcreate, _____, _____, mkfs, mount

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

Answer: D

NEW QUESTION 72
What action should be performed after increasing the size of a logical volume?

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

Answer: B

NEW QUESTION 75
What are the options to node.startup in the iscsid.conf file? (Choose TWO correct answers.)

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

Answer: CE

NEW QUESTION 77
Which program lists information about files and network connections opened by processes? (Specify ONLY the command without any path or parameters.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
lsof, /usr/bin/lsof

NEW QUESTION 78
Considering the following kernel IP routing table below, which of the following commands must be used to remove the route to the network 10.10.1.0/24? (Select TWO answers)
Kernel IP routing table
Destination Gateway Genmask Flags Metric Ref Use Iface
203.0.113.162 0.0.0.0 255.255.255.255 UH 0 0 0 ppp0
172.16.87.0 0.0.0.0 255.255.255.0 U 0 0 0 eth0
192.168.246.0 0.0.0.0 255.255.255.0 U 0 0 0 eth1
10.10.1.0 192.168.246.11 255.255.255.0 UG 0 0 0 eth1
127.0.0.0 0.0.0.0 255.0.0.0 U 0 0 0 lo
0.0.0.0 203.0.113.162 0.0.0.0 UG 0 0 0 ppp0

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

Answer: CE

NEW QUESTION 81
What should be done after updating the configuration file for syslogd in order to make the changes become effective? (Choose TWO correct answers.)

A. No action is required, syslogd will notice the updated configuration file after a few minutes.
B. Send the HUP signal to the syslogd process.

C. Restart the syslogd service.
D. Run the command syslogd -u.

Answer: BC

NEW QUESTION 82
What should be done to ensure a client machine uses the recursive nameserver running on the IP address 192.168.1.1 ? (Choose TWO correct answers.)

A. Add nameserver 192.168.0.1 to /etc/resolv.conf.
B. Run route add nameserver 192.168.0.1.
C. Run ifconfig eth0 nameserver 192.168.0.1.
D. Ensure that the dns service is listed in the hosts entry in the /etc/nsswitch.conf file.
E. Run bind add nameserver 192.168.0.1.

Answer: AD

NEW QUESTION 85
The users of the local network complain that name resolution is not fast enough. Enter the command, without the path or any options, that shows the time taken to resolve a DNS query.

A. Mastered
B. Not Mastered

Answer: A

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

NEW QUESTION 87
Which command can be used to scan a specified network looking for IP addresses that appear to be in use?

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

Answer: A

NEW QUESTION 88
Which of the following commands will list the IPv4 neighbors of the current system? This includes IP and MAC addresses. (Choose TWO correct answers.)

A. arp
B. ifconfig -lv eth0
C. netstat -al
D. ip neigh show

Answer: AD

NEW QUESTION 93
The following is an excerpt from the output of tcpdump -nli eth1:
13:03:17.277327 IP 192.168.123.5.1065 > 192.168.5.112.21: Flags [.], ack 1 (truncated)
13:03:17.598624 IP 192.168.5.112.21 > 192.168.123.5.1065: Flags [P.], seq (truncated)
Which network service or protocol was used?

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

Answer: A

NEW QUESTION 95
What is the command to add another IP address (192.168.1.2) to a network interface (eth0) that already has (at least) one IP address in the 192.168.1.0/24 subnet?

A. ip add addr 192.168.1.2/32 dev eth0
B. ifconfig eth0 192.168.1.2 netmask 255.255.255.255
C. ip addr add 192.168.1.2/32 dev eth0
D. ipconfig eth0 192.168.1.2

Answer: C

NEW QUESTION 99

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

A. Mastered
B. Not Mastered

Answer: A

Explanation:
/etc/motd

NEW QUESTION 100
When a makefile is included in a source code package, what are commonly defined targets in the file?

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

Answer: B

NEW QUESTION 101
Which of the following commands lists IPv4 addresses and MAC addresses of network nodes that the local system has seen on its directly connected IP networks?

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

Answer: A

NEW QUESTION 105
What effect does the –f option to the update-rc.d command have on files in the /etc/rcX.d/ and /etc/init.d/ directories?

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

Answer: D

NEW QUESTION 107
After manually compiling and installing a new kernel, what has to be done regarding the initramfs?

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

Answer: C

NEW QUESTION 112
Which of the following configuration files are used by tcpwrapper?

A. /etc/tcpd.allow and etc/tcpd.deny
B. /etc/tcpwrapper.allow and /etc/tcpwrapper.deny
C. /etc/hosts.allow and /etc/hosts.deny
D. /etc/service.allow and /etc/service.deny

Answer: C

NEW QUESTION 114
On a Linux node with multiple active networks interfaces, each having a default route to the Internet, which default route is preferred?

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

Answer: E

NEW QUESTION 116
Which of the following commands adds a static IPv6 address to the network interface eth0?

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

Answer: D

NEW QUESTION 120
A Linux server running systemd booted to rescue.target for maintenance. Which commands are used to restore the server to its usual target? (Choose two.)

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

Answer: AB

NEW QUESTION 121
Which of the following commands shows capabilities and usable frequencies for the wireless interface wlan0?

A. iw phy pyh0 info
B. iw dev wlan0 info
C. iw dev wlan0 show
D. iw phy wlan0 show
E. iw phy0 show

Answer: A

NEW QUESTION 123
Which of the following init systems comes along with an own UEFI boot loader?

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

Answer: A

NEW QUESTION 126
Which is the main configuration file for the SystemV init process? (Specify the full name of the file, including path.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
/etc/inittab

NEW QUESTION 129
In order to gather performance data with sar over a longer period of time, which command should be run periodically from cron?

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

Answer: A

NEW QUESTION 131
......

THANKS FOR TRYING THE DEMO OF OUR PRODUCT

Visit Our Site to Purchase the Full Set of Actual 201-450 Exam Questions With Answers.

We Also Provide Practice Exam Software That Simulates Real Exam Environment And Has Many Self-Assessment Features. Order the 201-450 Product From:

https://www.2passeasy.com/dumps/201-450/

Money Back Guarantee

201-450 Practice Exam Features:

* 201-450 Questions and Answers Updated Frequently

* 201-450 Practice Questions Verified by Expert Senior Certified Staff

* 201-450 Most Realistic Questions that Guarantee you a Pass on Your FirstTry

* 201-450 Practice Test Questions in Multiple Choice Formats and Updatesfor 1 Year