102-500 Dumps

LPIC-1 Exam 102 - Part 2 of 2 - version 5.0

https://www.certleader.com/102-500-dumps.html

NEW QUESTION 1
- (Exam Topic 1)
After issuing:
function myfunction { echo $1 $2 ; }
in Bash, which output does:
myfunction A B C
Produce?

A. A B
B. A B C
C. A C
D. B C
E. C B A

Answer: A

NEW QUESTION 2
- (Exam Topic 1)
Which of the following commands lists all defined variables and functions within Bash?

A. env
B. set
C. env -a
D. echo $ENV

Answer: B

NEW QUESTION 3
- (Exam Topic 1)
What output will the following command produce? seq 1 5 20

A. 161116
B. 151015
C. 1234
D. 2345
E. 5101520

Answer: A

NEW QUESTION 4
- (Exam Topic 1)
Which of the following is the best way to list all defined shell variables?

A. env
B. set
C. env -a
D. echo $ENV

Answer: B

NEW QUESTION 5
- (Exam Topic 1)
What is the difference between the commands test -e path and test -f path?

A. They are equivalent options with the same behaviour.
B. The -f option tests for a regular fil
C. The -e option tests for an empty file.
D. Both options check the existence of the pat
E. The -f option also confirms that it is a regular file.
F. The -f option tests for a regular fil
G. The -e option tests for an executable file.

Answer: C

NEW QUESTION 6
- (Exam Topic 1)
What output will the command seq 10 produce?

A. A continuous stream of numbers increasing in increments of 10 until stopped.
B. The numbers 1 through 10 with one number per line.
C. The numbers 0 through 9 with one number per line.
D. The number 10 to standard output.

Answer: B

NEW QUESTION 7
- (Exam Topic 1)
Which of the following words is used to restrict the records that are returned from a SELECT SQL query based on a supplied criteria for the values in the records?

A. CASE
B. FROM
C. WHERE
D. IF

Answer: C

NEW QUESTION 8
- (Exam Topic 1)
What benefit does an alias in bash provide?

A. It provides faster lookups for commands in the system directory.
B. It creates a local copy of a file from another directory.
C. It hides what command you are running from others.
D. It allows a string to be substituted for the first word of a simple command.

Answer: D

NEW QUESTION 9
- (Exam Topic 1)
Which of the following SQL queries counts the number of occurrences for each value of the field order_type in the table orders?

A. SELECT order_type,COUNT(*) FROM orders WHERE order_type=order_type;
B. SELECT order_type,COUNT(*) FROM orders GROUP BY order_type;
C. COUNT(SELECT order_type FROM orders);
D. SELECT COUNT(*) FROM orders ORDER BY order_type;
E. SELECT AUTO_COUNT FROM orders COUNT order_type;

Answer: B

NEW QUESTION 10
- (Exam Topic 1)
What is the purpose of the file /etc/profile?

A. It contains the welcome message that is displayed after login.
B. It contains security profiles defining which users are allowed to log in.
C. It contains environment variables that are set when a user logs in.
D. It contains default application profiles for users that run an application for the first time.

Answer: C

NEW QUESTION 10
- (Exam Topic 1)
Which of the following configuration files should be modified to set default shell variables for all users?

A. /etc/bashrc
B. /etc/profile
C. ~/.bash_profile
D. /etc/.bashrc

Answer: B

NEW QUESTION 13
- (Exam Topic 2)
X is running okay but you're concerned that you may not have the right color depth set. What single command will show you the running color depth while in X?

A. xcd
B. xcdepth
C. xwininfo
D. xcolordepth
E. cat /etc/X11

Answer: C

NEW QUESTION 18
- (Exam Topic 2)
Why is the xhost program considered dangerous to use?

A. It makes it difficult to uniquely identify a computer on the network.
B. It allows easy access to your X server by other users.
C. It logs sensitive information to syslog.
D. It makes your computer share network resources without any authentication.
E. It is a graphical DNS tool with known exploits.

Answer: B

NEW QUESTION 20
- (Exam Topic 2)
What is the name of the simple graphical login manager that comes with a vanilla X11 installation? (Specify ONLY the command without any path or parameters.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
xdm

NEW QUESTION 21
- (Exam Topic 2)
Which file used by XDM specifies the default wallpaper?

A. /etc/X11/xdm/Xsetup
B. /etc/X11/xdm.conf
C. /etc/X11/xdm/Defaults
D. /etc/X11/defaults.conf

Answer: A

NEW QUESTION 25
- (Exam Topic 3)
Which of the following fields are available in both the global /etc/crontab file as well as in user-specific crontab files? (Select TWO correct answers)

A. Year
B. Minute
C. Username
D. Command

Answer: BD

NEW QUESTION 28
- (Exam Topic 3)
Which of the following fields can be found in the /etc/group file? (Choose THREE correct answers.)

A. The list of users that belong to the group.
B. The home directory of the group.
C. The name of the group.
D. The description of the group.
E. The password of the group.

Answer: ACE

NEW QUESTION 33
- (Exam Topic 3)
In case neither cron.allow nor cron.deny exist in /etc/, which of the following is true?

A. Without additional configuration, no users may have user specific crontabs.
B. Without additional configuration, all users may have user specific crontabs.
C. The cron daemon will refuse to start and report missing files in the system's logfile.
D. When a user creates a user specific crontab the system administrator must approve it explicitly.

Answer: A

NEW QUESTION 36
- (Exam Topic 3)
Which of the following crontab entries will execute myscript at 30 minutes past every hour on Sundays?

A. 0 * * * 30 myscript
B. 30 * * * 6 myscript
C. 30 0 * * 0 myscript
D. 30 0-23 * * 0 myscript
E. 0 0-23 * * 30 myscript

Answer: D

NEW QUESTION 41
- (Exam Topic 3)
On a system using shadowed passwords, the most correct permissions for /etc/passwd are _____ and the most correct permissions for /etc/shadow are ____.

A. -rw-r-----, -r--------
B. -rw-r--r--, -r--r--r--
C. -rw-r--r--, -r--------
D. -rw-r--rw-, -r-----r--
E. -rw-------, -r--------

Answer: C

NEW QUESTION 42
- (Exam Topic 3)
Which of the following commands can be used to convert text files in one character encoding to another character encoding?

A. cat
B. convert
C. dd
D. iconv
E. utf2utf

Answer: D

NEW QUESTION 45
- (Exam Topic 3)
Of the ways listed, which is the best method to temporarily suspend a user's ability to interactively login?

A. Use passwd -d username to give the user an empty password.
B. Use chage to expire the user account.
C. Change the user's password.
D. Add the command exit to the user's .login file.

Answer: B

NEW QUESTION 47
- (Exam Topic 3)
Of the ways listed, which is the best way to temporarily suspend a single user's ability to interactively login?

A. Add the user name to /etc/nologin.
B. Change the user's password.
C. Change the user name in /etc/passwd.
D. Use change to expire the user account.
E. Place the command logout in the user's profile.

Answer: D

NEW QUESTION 49
- (Exam Topic 3)
Which command should be added to /etc/bash_profile to change the language of messages from an internationalised program to Portuguese (pt)? (Select TWO correct answers)

A. export LANGUAGE="pt"
B. export MESSAGE="pt"
C. export LANG="pt"
D. export LC_MESSAGES="pt"
E. export ALL_MESSAGES="pt"

Answer: CD

NEW QUESTION 53
- (Exam Topic 3)
Which character in the password field of /etc/passwd is used to indicate that the encrypted password is stored in /etc/shadow?

A. *
B. -
C. s
D. x

Answer: D

NEW QUESTION 55
- (Exam Topic 3)
What command will display the group names and GIDs to which a user belongs? (Provide only the command name with or without path information)

A. Mastered
B. Not Mastered

Answer: A

Explanation:

id, /usr/bin/id

NEW QUESTION 57
- (Exam Topic 3)
Which environment variable should be set in order to change the time zone for the commands run from within the environment variable's scope? (Specify the variable name only.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
TZ

NEW QUESTION 62
- (Exam Topic 3)
What is the conventional purpose of Linux UIDs that are lower than 100?

A. They are reserved for super user accounts.
B. They are reserved for the system admin accounts.
C. They are reserved for system accounts.
D. They are unused, aside from 0, because they are targets of exploits.
E. They are used to match with GIDs in grouping users.

Answer: C

NEW QUESTION 67
- (Exam Topic 3)
Each entry in a crontab must end with what character?

A. Tab
B. Space
C. Backslash
D. Newline

Answer: D

NEW QUESTION 68
- (Exam Topic 3)
What is true regarding the command userdel --force --remove bob? (Choose TWO correct answers.)

A. The user bob is removed from the system's user database.
B. The user bob's home directory is removed.
C. The locate database is updated to drop files owned by bob.
D. All files owned by bob are remove from all mounted filesystems.
E. In case bob was the last member of a group, that group is deleted.

Answer: AB

NEW QUESTION 73
- (Exam Topic 3)
What is true about the file /etc/localtime?

A. It is a plain text file containing a string such as Europe/Berlin.
B. It is created and maintained by the NTP service based on the geolocation of the system's IP address.
C. It is a symlink to /sys/device/clock/ltime and always contains the current local time.
D. It is either a symlink to or a copy of a timezone information file such as /usr/share/zoneinfo/Europe/Berlin.

Answer: D

NEW QUESTION 74
- (Exam Topic 3)
The _____ command is used to add a group to the system.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
groupadd, /usr/sbin/groupadd

NEW QUESTION 78
- (Exam Topic 3)

Why is /etc/shadow not world readable if the passwords are stored in an encrypted fashion?

A. The encrypted passwords are still subject to brute force attacks.
B. This is just for historical reasons.
C. There is other information in the file that needs to be kept secret.
D. The passwords can be decrypted by anyone with root access.

Answer: A

NEW QUESTION 82
- (Exam Topic 3)
A French user has installed the French language pack, but currencies are still being displayed with a leading '$' sign in his spreadsheets. What must be done to fix this?

A. Alter the locale.
B. Set the timezone correctly.
C. Edit /etc/currency.
D. Reinstall the French language pack.

Answer: A

NEW QUESTION 83
- (Exam Topic 3)
Which command will set the local machine's timezone to UTC?

A. cat UTC > /etc/timezone
B. ln -s /usr/share/zoneinfo/UTC /etc/localtime
C. date --timezone=UTC
D. mv /usr/timezone/UTC /etc

Answer: B

NEW QUESTION 88
- (Exam Topic 3)
To prevent a specific user from scheduling tasks with at, what should the administrator do?

A. Add the specific user to /etc/at.allow file.
B. Add the specific user to [deny] section in the /etc/atd.conf file.
C. Add the specific user to /etc/at.deny file.
D. Add the specific user to nojobs group.
E. Run the following: atd --deny [user].

Answer: C

NEW QUESTION 93
- (Exam Topic 3)
What is NOT contained in the locale setting of the operating system?

A. currency symbol
B. language
C. timezone
D. thousands separator

Answer: C

NEW QUESTION 94
- (Exam Topic 3)
What is the main difference between the batch and at commands?

A. The batch command will run multiple times.The at command will only run once.
B. The batch command will run when system load is lo
C. The at command runs at a specific time.
D. The at command reads commands from standard inpu
E. The batch command requires a command line argument.
F. The at command e-mails results to the use
G. The batch command logs results to syslog.

Answer: B

NEW QUESTION 96
- (Exam Topic 4)
Which of the following is observed and corrected by a NTP client?

A. The skew in time between the system clock and the hardware clock.
B. The skew in time between the system clock and the reference clock.
C. Changes in the time zone of the current computer's location.
D. Adjustments needed to support Daylight Saving Time.

Answer: B

NEW QUESTION 98
- (Exam Topic 4)
Which of the following are syslog facilities? (Choose TWO correct answers.)

A. local7
B. mail
C. advanced
D. postmaster
E. remote

Answer: AB

NEW QUESTION 101
- (Exam Topic 4)
Which of the following tasks can be accomplished using the command date? (Choose TWO correct answers.)

A. Synchronize the hardware and system clocks.
B. Output date and time in different formats.
C. Set the system clock.
D. Set the hardware clock.
E. Update the time via NTP.

Answer: BC

NEW QUESTION 106
- (Exam Topic 4)
To exclude all log messages of a given logging facility, you should use a logging priority of _____.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
none

NEW QUESTION 108
- (Exam Topic 4)
Why is the correct configuration of a system's time zone important?

A. Because the conversion of Unix timestamps to local time relies on the time zone configuration.
B. Because the time zone is saved as part of the modification times of files and cannot be changed after a file is created.
C. Because the environment variables LANG and LC_MESSAGES are, by default, set according to the time zone.
D. Because NTP chooses servers nearby based on the configured time zone.

Answer: A

NEW QUESTION 109
- (Exam Topic 4)
Which of the following is a legacy program provided by CUPS for sending files to the printer queues on the
command line?

A. lpd
B. lpp
C. lpq
D. lpr

Answer: D

NEW QUESTION 110
- (Exam Topic 4)
After configuring printing on a Linux server, the administrator sends a test file to one of the printers and it fails to print. What command can be used to display the
status of the printer's queue? (Specify ONLY the command without any path or parameters.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
lpq, /usr/bin/lpq, lpstat, /usr/bin/lpstat

NEW QUESTION 114

- (Exam Topic 4)
Which of the following commands is used to rotate, compress, and mail system logs?

A. rotatelog
B. striplog
C. syslogd --rotate
D. logrotate
E. logger

Answer: D

NEW QUESTION 118
- (Exam Topic 4)
What is true regarding the command sendmail?

A. With any MTA, the sendmail command must be run periodically by the cron daemon.
B. All MTAs, including Postfix and Exim, provide a sendmail command.
C. The sendmail command prints the MTAs queue history of which mails have been sent successfully.
D. It is only available when the sendmail MTA is installed.

Answer: B

NEW QUESTION 119
- (Exam Topic 4)
What command can be used to generate syslog entries of any facility and priority? (supply just the command name without a path)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
logger

NEW QUESTION 121
- (Exam Topic 4)
On a dual boot system, every time the system is booted back into Linux the time has been set backward by one day. Which of the following commands will correct the problem?

A. date -d '+ 1 day'
B. hwclock --systohc --localtime
C. ntpdate pool.ntp.org
D. time hwclock

Answer: B

NEW QUESTION 124
- (Exam Topic 4)
What entry can you add to syslog.conf file to have all syslog messages generated by your system go to virtual console 12?

A. *.* /dev/tty12
B. /var/log/messages | /dev/tty12
C. | /dev/tty12
D. syslog tty12
E. mail.* /dev/tty12

Answer: A

NEW QUESTION 125
- (Exam Topic 5) What is true regarding a default route?

A. The default route is always used firs
B. When the default route is not available more specific routes are tried.
C. When a default route is set, all other routes are disabled until the default route is deleted.
D. The default route is only used if there is not a more specific route to a destination host or network.
E. Without a default route, no network communication even in directly attached networks is possible.

Answer: C

NEW QUESTION 126
- (Exam Topic 5)
What is the command to delete the default gateway from the system IP routing table? (Choose TWO correct answers.)

A. route del default
B. ifconfig unset default
C. netstat -r default
D. ip route del default

E. sysctl ipv4.default_gw=0

Answer: AD

NEW QUESTION 130
- (Exam Topic 5)
Which of the following is true about IPv6?

A. With IPv6, the TCP port numbers of most services have changed.
B. IPv6 no longer supports broadcast addresses.
C. IPv4 addresses can be used without any change with IPv6.
D. IPv6 no longer supports multicast addresses.
E. For IPv6, UDP and TCP have been replaced by the Rapid Transmission Protocol RTP.

Answer: B

NEW QUESTION 135
- (Exam Topic 5)
Which parameter must be passed to ifconfig to activate a previously inactive network interface? (Specify the parameter only without any command, path or additional options)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
up

NEW QUESTION 138
- (Exam Topic 5)
Which command is used to set the hostname of the local system? (Specify ONLY the command without any path or parameters.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
hostname

NEW QUESTION 139
- (Exam Topic 5)
On a regular users workstation the route command takes a long time before printing out the routing table. Which of the following errors does that indicate?

A. The local routing information may be corrupted and must be re-validated using a routing protocol.
B. One of the routers in the routing table is not available which causes the automatic router failure detection mechanism (ARF-D) to wait for a timeout.
C. There may accidentally be more than one default router in which case a default router election has to be done on the network in order to choose one router as the default.
D. DNS resolution may not be working as route by default tries to resolve names of routers and destinations and may run into a timeout.

Answer: D

NEW QUESTION 140
- (Exam Topic 5)
Which of the following IPv4 networks are reserved by IANA for private address assignment and private routing? (Choose THREE correct answers.)

A. 127.0.0.0/8
B. 10.0.0.0/8
C. 169.255.0.0/16
D. 172.16.0.0/12
E. 192.168.0.0/16

Answer: BDE

NEW QUESTION 142
- (Exam Topic 5)
Which keyword must be listed in the hosts option of the Name Service Switch configuration file in order to make host lookups consult the /etc/hosts file?

A. Mastered
B. Not Mastered

Answer: A

Explanation:
files

NEW QUESTION 143
- (Exam Topic 5)
Which of the following commands will help identify a broken router between the local and the remote machine?

A. ps
B. netstat
C. nslookup
D. ifconfig
E. traceroute

Answer: E

NEW QUESTION 145
- (Exam Topic 5)
Which of the following lines are valid in the file /etc/hosts? (Choose TWO correct answers.)

A. 2001:db8::15 www.example.com www
B. www.example.com www 203.0.13.15
C. 203.0.113.15 www.example.com www
D. www.example.com,www 203.0.13.15,2001:db8::15
E. 2003.0.113.15,2001:db8::15 www.example.com www

Answer: AC

NEW QUESTION 147
- (Exam Topic 5)
With IPv6, how many bits have been used for the interface identifier of an unicast address? (Specify the number using digits only.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
64

NEW QUESTION 149
- (Exam Topic 5)
Which port is the default server port for the HTTPS protocol? (Specify the port number using digits.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
443

NEW QUESTION 151
- (Exam Topic 6)
Which of the following programs uses the hosts.allow file to perform its main task of checking for access control restrictions to system services?

A. tcpd
B. inetd
C. fingerd
D. mountd
E. xinetd

Answer: A

NEW QUESTION 154
- (Exam Topic 6)
What argument to the -type option of find will match files that are symbolic links? (Specify only the argument and no other options or words.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
l

NEW QUESTION 156
- (Exam Topic 6)
Which configuration file would be edited to change default options for the OpenSSH server?

A. /etc/ssh/sshd_config
B. /etc/ssh/ssh
C. /etc/ssh/server
D. /etc/ssh/ssh_config
E. /etc/ssh/ssh_server

Answer: A

NEW QUESTION 161
- (Exam Topic 6)
Which of the following commands preloads and manages keys that are used for automatic authentication while logging in to other machines using SSH?

A. sshd
B. ssh-agent
C. ssh-keygen
D. ssh-add

Answer: B

NEW QUESTION 162
- (Exam Topic 6)
What is a purpose of an SSH host key?

A. It must be sent by any SSH client in addition to a user key in order to identify the client's host.
B. It provides the server's identity information to connecting SSH clients.
C. It is the root key by which all user SSH keys must be signed.
D. It authenticates any user that logs into a remote machine from the key's host.
E. It is used by system services like cron, syslog or a backup job to automatically connect to remote hosts.

Answer: B

NEW QUESTION 164
- (Exam Topic 6)
With X11 forwarding in ssh, what environment variable is automatically set in the remote host shell that is not set when X11 forwarding is not enabled? (Specify only the environment variable without any additional commands or values.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
DISPLAY, $DISPLAY

NEW QUESTION 167
- (Exam Topic 6)
Which command is used to set restrictions on the size of a core file that is created for a user when a program crashes?

A. core
B. edquota
C. ulimit
D. quota

Answer: C

NEW QUESTION 170
- (Exam Topic 6)
When trying to unmount a device it is reported as being busy. Which of the following commands could be used to determine which process is causing this?

A. debug
B. lsof
C. nessus
D. strace
E. traceroute

Answer: B

NEW QUESTION 175
- (Exam Topic 6)
On a Linux system with shadow passwords enabled, which file in the file system contains the password hashes of all local users? (Specify the full name of the file, including path.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
/etc/shadow

NEW QUESTION 179
- (Exam Topic 6)
The presence of what file will temporarily prevent all users except root from logging into the system? (Specify the full name of the file, including path.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
/etc/nologin

NEW QUESTION 181
- (Exam Topic 6)
Which of the following find commands will print out a list of files owned by root and with the SUID bit set in
/usr?

A. find /usr -uid 0 -perm +4000
B. find -user root +mode +s /usr
C. find -type suid -username root -d /usr
D. find /usr -ls *s* -u root
E. find /usr -suid -perm +4000

Answer: A

NEW QUESTION 184
......

Thank You for Trying Our Product

* 100% Pass or Money Back

    All our products come with a 90-day Money Back Guarantee.

* One year free update

    You can enjoy free update one year. 24x7 online support.

* Trusted by Millions

    We currently serve more than 30,000,000 customers.

* Shop Securely

    All transactions are protected by VeriSign!

100% Pass Your 102-500 Exam with Our Prep Materials Via below:

https://www.certleader.com/102-500-dumps.html