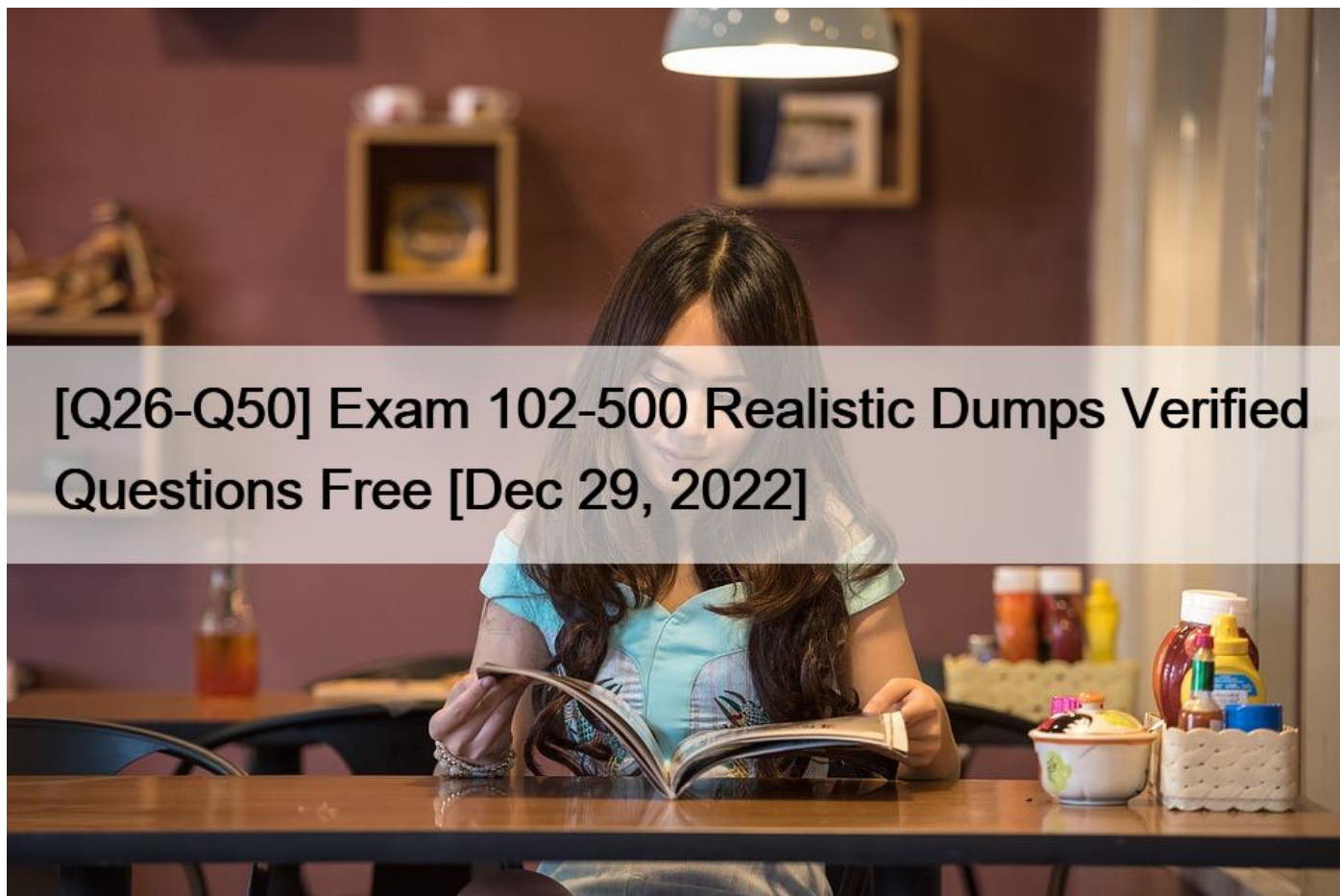


[Q26-Q50 Exam 102-500 Realistic Dumps Verified Questions Free [Dec 29, 2022



Exam 102-500 Realistic Dumps Verified Questions Free [Dec 29, 2022 Valid 102-500 Dumps for Helping Passing Lpi Exam!

Exam Domains Breakdown The overall structure of 102-500 exam will encompass the following areas of knowledge:

Administrative Tasks This domain is focused on managing users, group accounts, and related system files. It checks one's skills in adding, modifying, and removing users and groups, automating system administration tasks by scheduling jobs and using cron and systemd timers. Finally, one will need to display competence with localization and internationalization, including locale configurations, settings for timezone, and utilizing LANG=C when scripting.

Networking Fundamentals This section deals with one's understanding of TCP/IP network fundamentals and knowledge of network masks and CIDR notation. Additionally, candidates need to show that they can manage persistent network configurations of a Linux host, understand how to configure wi-fi network and ethernet using NetworkManager, and more. Candidates will also be tested on troubleshooting networking problems on client hosts and the ability to set up client side DNS.

User Interfaces and Desktops This domain deals with the installation and setting up X11 as well as its architecture, the basics about X Window configuration file, and knowledge of major Linux desktops and other major graphical desktop environments. In addition, students should demonstrate their familiarity with the accessibility options and awareness of assistive technology along with visual settings.

Essential System Services Students must be able to control system time, synchronize the clock with NTP, set date and time correctly, and configure correct timezones. Candidates will also be tested on setting up rsyslog, including designing the logging daemon to send log output, knowledge about syslog-ng and syslog, the use of the systemd journal subsystem, as alternative logging systems. Additionally, students must be well-conversant with MTA concepts and have skills to create basic forward as well as alias configuration. Finally, for this section, showing an aptitude for print queue

management using CUPS and LPD interfaces is needed.

Prerequisites You should understand that there are a few prerequisites that you need to fulfill in order to become eligible to take the LPI 102-500 exam. They are as follows: - You should also be able to complete simple maintenance tasks, such as backup, restore, shutdown, and reboot;- Lastly, one should have knowledge of how to manage and install a Linux workstation.- Next, it is important that each candidate has a good understanding of the Linux system; **NO.26** With IPv6, how many bits have been used for the interface identifier of an unicast address? (Specify the number using digits only.)

64

NO.27 Which command included in systemd supports selecting messages from the systemd journal by criteria such as time or unit name? (Specify only the command without any path or parameters.)

journalctl

NO.28 Which of the following keywords can be used in the file /etc/resolv.conf? (Choose TWO correct answers.)

- * substitute
- * nameserver
- * search
- * lookup
- * method

NO.29 Which of the following commands connects to the remote host example.com which has OpenSSH listening on TCP port 2222? (Choose TWO correct answers.)

- * ssh -p 2222 example.com
- * ssh -p 2222 example.com
- * ssh -o Port=2222 example.com
- * ssh -o GatewayPort=2222 example.com
- * ssh example.com:2222

NO.30 What output does the command seq 1 5 20 produce?

1

* 5

10

15

1

* 6

11

16

1

* 2

3

4

2

* 3

4

5

5

* 10

15

20

NO.31 Which of the following commands can be used to convert text files in one character encoding to another character encoding?

- * cat
- * convert
- * dd
- * iconv
- * utf2utf

NO.32 Which of the following entries in `/etc/syslog.conf` writes all mail related events to the file `/var/log/maillog` and sends all critical events to the remote server `logger.example.com`?

mail.* /var/log/maillog
* mail,crit @logger.example.org

mail.* /var/log/maillog
* mail.crit syslog://logger.example.org

mail /var/log/maillog
* mail.crit @logger.example.org

mail.* /var/log/maillog
* mail.crit @logger.example.org

mail * /var/log/maillog
* mail crit @logger.example.org

NO.33 Which of the following are requirements in order to run a shell script like a regular command from anywhere in the filesystem? (Choose THREE correct answers.)

- * The user issuing the command must be in the group script.
- * The script file must be found in the `$PATH`.
- * The script file must have the executable permission bit set.
- * The script must begin with a shebang-line (`#!`) that points to the correct interpreter.
- * The file system on which the script resides must be mounted with the option `scripts`.

NO.34 FILL BLANK

What command, depending on its options, can display the open TCP connections, the routing tables, as well as network interface statistics? (Specify only the command without any path or parameters.)

netstat

NO.35 How many IP addresses can be used for unique hosts inside the IPv4 subnet 192.168.2.128/26?

- * 6
- * 14
- * 30
- * 62
- * 126

NO.36 On a system running the KDE Display Manager, when is the /etc/kde4/kdm/Xreset script automatically executed?

- * When KDM starts
- * When a user's X session exits
- * When KDM crashes
- * When X is restarted
- * When X crashes

NO.37 What is true regarding the statement beginning with #! that is found in the first line of script? (Choose two.)

- * It prevents the scripts from being executed until the ! is removed.
- * it triggers the installation of the script's interpreter.
- * It specifies the path and the arguments of the interpreter used to run the script.
- * It defines the character encoding of the script.
- * It is a comment that is ignored by the script interpreter.

NO.38 Your senior administrator asked you to change the default background of his machine, which uses XDM.

Which file would you edit to achieve this?

- * /etc/X11/xdm/Xsetup
- * /etc/X11/xdm.conf
- * /etc/X11/xdm/Defaults
- * /etc/X11/defaults.conf

NO.39 Which of the following commands displays all environment and shell variables?

getargs

- * lsenv
- * ls
- * env
- * lshell

NO.40 Which of the following crontab entries will execute myscript at 30 minutes past every hour on Sundays?

- * 0 * * * 30 myscript
- * 30 * * * 6 myscript
- * 30 0 * * 0 myscript
- * 30 0-23 * * 0 myscript
- * 0 0-23 * * 30 myscript

NO.41 Which of the following tools used for DNS debugging, reports not only the response from the name server but also details about the query?

- * dnsq
- * dig
- * hostname
- * dnslookup
- * zoneinfo

NO.42 What is true regarding the command `userdel -force -remove bob`? (Choose TWO correct answers.)

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

NO.43 Which of the following statements is true regarding systemd timer units?

- * Timer units can only be defined within a service unit's file.
- * The command executed by the timer is specified in the timer unit's [Cmd] section.
- * A dedicated system service, `systemd-cron`, handles the execution of timer units.
- * Timer units only exist in the system scope and are not available for users.
- * Each systemd timer unit controls a specific systemd service unit.

NO.44 Why is the correct configuration of a system's time zone important?

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

NO.45 Which of the following IPv4 networks are reserved by IANA for private address assignment and private routing? (Choose three.)

- * 10.0.0.0/8
- * 127.0.0.0/8
- * 169.255.0.0/16
- * 172.16.0.0/12
- * 192.168.0.0/16

NO.46 Which configuration file would be edited to change default options for the OpenSSH server?

- * `/etc/ssh/sshd_config`
- * `/etc/ssh/ssh`
- * `/etc/ssh/server`
- * `/etc/ssh/ssh_config`
- * `/etc/ssh/ssh_server`

NO.47 Which file lists which users can execute commands using `sudo`? (Specify the full name of the file, including path.)

`/etc/sudoers`

NO.48 What information is shown by the `echo $?` command?

- * The process ID of the echo command.
- * The exit value of the command executed immediately before echo.
- * The process ID which will be used for the next command.
- * The exit value of the echo command.
- * The process ID of the current shell.

NO.49 Which crontab entry could be used to set the system time at regular intervals?

- * 1 0 * * * date \$d \$t \$24
- * 1 0 * * * ntpdate ntp1.digex.net
- * 1 0 * * * date ntp1.digex.net
- * 1 0 * * * runcron date ntp1.digex.net
- * 1 0 * * * settime \$d \$t \$24

NO.50 To exclude all log messages of a given logging facility, you should use a logging priority of _____.
none

Topic 3: Administrative Tasks - Automation of system administration tasks by scheduling jobs ? The examinees should have some underlying knowledge and skills in using systemmd and cron timer units to easily run jobs at specific times and also at regular intervals;- Localisation and internationalisation ? You need to know about the importance of LANG=C and how it can be useful during scripting. Besides that, you should understand how to localize a system in a language other than English.- Manage group and user accounts as well as related system files ? The learners should know how to suspend, change, add, and remove user accounts; **102-500 Exam Dumps For Certification Exam Preparation:**

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