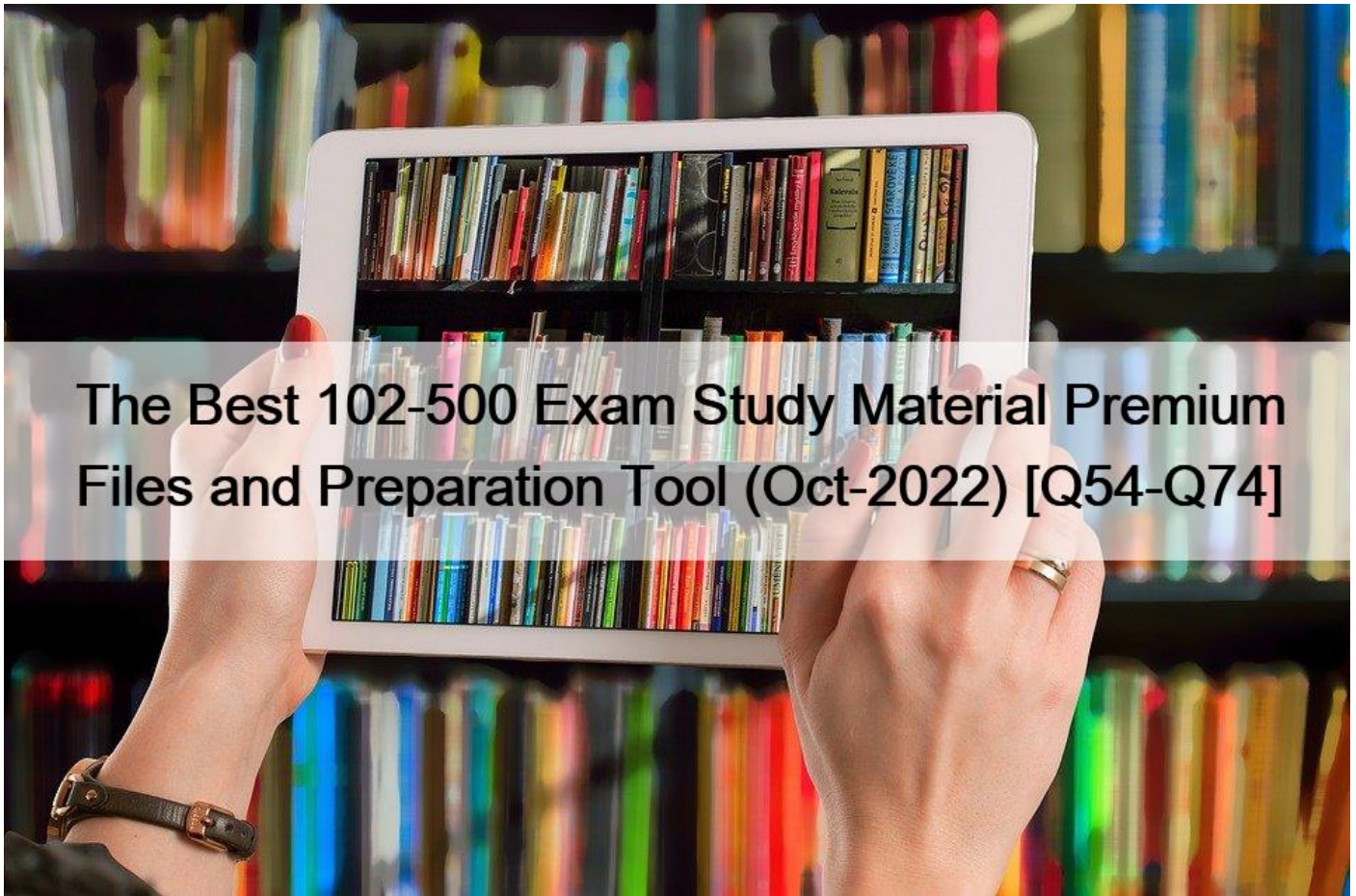


The Best 102-500 Exam Study Material Premium Files and Preparation Tool (Oct-2022) [Q54-Q74]



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LPI 102-500 Exam Prerequisites

There are no formal requisites for taking the LPI 100-501 exam. However, you must be familiar with the test objectives before scheduling your exam as it will give you a better chance of cracking your test on the first attempt.

Topic 3: Administrative Tasks - 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;- 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; **NO.54** Which of the following IPv4 networks are reserved by IANA for private address assignment and private routing? (Choose THREE correct answers.)

- * 127.0.0.0/8
- * 10.0.0.0/8
- * 169.255.0.0/16

- * 172.16.0.0/12
- * 192.168.0.0/16

NO.55 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?

- * debug
- * lsof
- * nessus
- * strace
- * traceroute

NO.56 What entry can be added to the syslog.conf file to have all syslog messages generated by a system displayed on console 12?

- * *.* /dev/tty12
- * /var/log/messages | /dev/tty12
- * | /dev/tty12
- * syslog tty12
- * mail.* /dev/tty12

NO.57 What is a purpose of an SSH host key?

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

NO.58 The X11 configuration file xorg.conf is grouped into sections. How is the content of the section SectionName associated with that section?

- * It is placed in curly brackets as in Section SectionName { … }.
- * It is placed between a line containing Section “SectionName” and a line containing EndSection.
- * It is placed between the tags <Section name=”SectionName”> and </Section>
- * It is placed after the row [SectionName].
- * It is placed after an initial unindented Section “SectionName” and must be indented by exactly one tab character.

NO.59 FILL BLANK

Which command, available with all sendmail-compatible MTAs, is used to list the contents of the MTA's mail queue?
(Specify only the command without any path or parameters.)

mailq

NO.60 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.61 Which of the following statements is valid in the file /etc/nsswitch.conf?

- * multi on
- * 192.168.168.4 dns-server
- * namespaces: net mount procs
- * include /etc/nsswitch.d/
- * hosts: files dns

NO.62 What is the purpose of the Sticky Keys feature in X?

- * To assist users who have difficulty holding down multiple keys at once
- * To prevent repeated input of a single character if the key is held down
- * To ignore brief keystrokes according to a specified time limit
- * To repeat the input of a single character

NO.63 What is true regarding the file ~/.forward?

- * As it is owned by the MTA and not writable by the user, it must be edited using the editaliases command.
- * After editing ~/.forward the user must run newaliases to make the mail server aware of the changes.
- * Using ~/.forward, root may configure any email address whereas all other users may configure only their own addresses.
- * When configured correctly, ~/.forward can be used to forward each incoming mail to more than one other recipient.

NO.64 FILL BLANK

What is the top-level directory which contains the configuration files for CUPS? (Specify the full path to the directory.)
/etc/cups/ cups-files.conf

NO.65 What word is missing from the following SQL statement?

```
insert into tablename _____(909, &#8216;text&#8217;);
```

(Please specify the missing word using lower-case letters only.)

VALUES, values

NO.66 Which command will set the local machine's timezone to UTC?

- * cat UTC > /etc/timezone
- * ln -s /usr/share/zoneinfo/UTC /etc/localtime
- * date –timezone=UTC
- * mv /usr/timezone/UTC /etc

NO.67 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?

- * CASE
- * FROM
- * WHERE
- * IF

NO.68 Which of the following commands can remove a user from a group?

- * grouprm
- * groupmod
- * passwd
- * usergroups
- * usermod

NO.69 How is the file format of /etc/crontab different from a normal crontab file? (Select TWO correct answers)

- * The /etc/crontab file can specify a year field.
- * A normal crontab file must be installed with the crontab command.
- * A normal crontab file allows for environment variable substitution.
- * The /etc/crontab file has a user field for commands.

NO.70 What is true regarding the file ~/.forward?

- * When configured correctly ~/.forward can be used to forward each incoming mail to one or more other recipients.
- * After editing ~/.forward the user must run newaliases to make the mail server aware of the changes.
- * Using ~/.forward, root may configure any email address whereas all other users may configure only their own addresses.
- * As ~/.forward is owned by the MTA and not writable by the user, it must be edited using the editaliases command.
- * By default, only ~/.forward files of users in the group mailq are processed while all other user's ~/.

.forward files are ignored.

NO.71 Which of the following is a valid IPv6 address?

- * 2001:db8:0g21::1
- * 2001::db8:4581::1
- * 2001:db8:3241::1
- * 2001%db8%9990%%1
- * 2001.db8.819f..1

NO.72 Which of the following commands finds all files owned by root that have the SetUID bit set?

- * find / -user root -perm -4000
- * find / -user 0 -mode +s
- * find / -owner root -setuid
- * find / -owner 0 -permbits 0x100000000
- * find / –filter uid=1 –filter pers=u+s

NO.73 Given the following routing table:

Kernel IP routing table

| Destination | Gateway | Genmask | Flags | Metric | Ref | Use | Iface |
|---------------|---------------|---------------|-------|--------|-----|-----|-------|
| 0.0.0.0 | 192.168.178.1 | 0.0.0.0 | UG | 0 | 0 | 0 | wlan0 |
| 192.168.1.0 | 0.0.0.0 | 255.255.255.0 | U | 0 | 0 | 0 | eth0 |
| 192.168.2.0 | 192.168.1.1 | 255.255.255.0 | U | 0 | 0 | 0 | eth0 |
| 192.168.178.0 | 0.0.0.0 | 255.255.255.0 | U | 9 | 0 | 0 | wlan0 |

How would an outgoing packet to the destination 192.168.2.150 be handled?

- * It would be passed to the default router 192.168.178.1 on wlan0.

- * It would be directly transmitted on the device eth0.
- * It would be passed to the default router 255.255.255.0 on eth0.
- * It would be directly transmitted on the device wlan0.
- * It would be passed to the router 192.168.1.1 on eth0.

NO.74 Which command can be used to investigate the properties for a particular window in X by clicking that window? (Specify ONLY the command without any path or parameters.)

/usr/bin/xwininfo, xwininfo

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