



CompTIA Linux+ and LPIC Practice Tests



PREV

Chapter 24 Practice Test 1



NEXT



Chapter 26 Practice Test 3

Chapter 25 Practice Test 2

THE FOLLOWING IS A PRACTICE TEST FOR THE
COMPTIA LINUX+ EXAM 104

1. 1. To which file should you add an entry in order for a host to be blocked using TCP Wrappers?
 1. /etc/hosts.deny
 2. /etc/tcp.wrappers
 3. /etc/wrap.config
 4. /etc/tcpwrap.conf
2. 2. Which of the following best describes the SQL WHERE keyword?
 1. WHERE can be used with SELECT, INSERT, UPDATE, and DELETE operations.
 2. WHERE can be used with SELECT, UPDATE, and DELETE operations.
 3. WHERE is a standalone statement that enables selection of specific criteria.
 4. WHERE is used within GROUP BY clauses.
3. 3. Which of the following commands creates an alias for the ps command such that the option aux is included when the user types psa?
 1. alias "ps aux" = "psa"
 2. alias psa=ps aux
 3. alias psa="ps aux"
 4. psa="ps aux"
4. 4. Which of the following conditionals in a Bash script will test if the variable DAY is equal to SUNDAY?
 1. if (\$DAY == "SUNDAY")
 2. if (\$DAY -eq "SUNDAY")
 3. if [[\$DAY == "SUNDAY"]]
 4. if [DAY = "SUNDAY"]
5. 5. Which of the following commands is necessary for making a variable defined in your current shell available to child processes?
 1. export
 2. source

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6. 6. You are watching another administrator perform some work on a server. As part of that work, the admin uses the following command: `. variables.sh`. Which of the following is the equivalent of `. variables.sh`?

1. `let variables.sh`
2. `set variables.sh`
3. `source variables.sh`
4. `var variables.sh`

7. 7. Which of the following commands adds `~/code/bin` to the path?

1. `PATH=~/code/bin:$PATH`
2. `PATH=/code/bin:$PATH`
3. `PATH=/home/code/bin:$PATH`
4. `PATH=PATH:~/code/bin`

8. 8. Which of the following shows a valid Bash function called `sayHello`?

1. `function sayHello () { echo "hello"; }`
2. `function sayHello{}`
3. `function sayHello() { echo Hello }`
4. `function sayHello() { echo Hello };`

9. 9. Which of the following commands sends an e-mail to root with the subject of `Update` and the content of the file `/etc/hostname`?

1. `mail root > /etc/hostname`
2. `mail -s Update root > /etc/hostname`
3. `mail -s Update root < /etc/hostname`
4. `mail root -s Update /etc/hostname`

10. 10. Files that should be copied to a user's home directory when their account is created should be placed in which of the following directories?

1. `/etc/usertemplate`
2. `/etc/template`
3. `/etc/skel`
4. `/etc/userskel`

11. 11. Which of the following is a valid `UPDATE` statement in SQL?

1. `UPDATE tablename WHERE columnname is 1;`
2. `UPDATE tablename SET columnname = 1;`
3. `UPDATE tablename USING columnname AS SOURCE;`
4. `UPDATE tablename HAVING columnname = 1;`

12. 12. Which of the following commands launches `Orca` with speech capabilities?

1. `orca --no-setup --disable main-window`
2. `orca --screen`
3. `orca --screen-reader`
4. `orca --no-setup -s`

13. 13. Which of the following areas within an Ubuntu system contains information and settings for accessibility?

1. Accessibility
2. Access and Help
3. Universal Use
4. Universal Access

14. 14. Which command can be used to set the delay and repeat rate for a keyboard?

1. keyboard
2. kbdrate
3. kbd
4. keyrate

15. 15. Which of the following locations stores the configuration for LightDM?

1. /etc/lightdm/
2. /etc/lightdm.conf
3. /etc/lightdm-conf
4. /etc/lightdm.d

16. 16. Which variable is used to indicate the screen on which GUI applications will be shown?

1. DISPLAY
2. SCREEN
3. LIST
4. XWIN

17. 17. Which of the following commands displays statistics and information about windows in X windows?

1. xinfo
2. xstats
3. xwin
4. xwininfo

18. 18. Users can be added or removed for access to the X server. Which command facilitates this?

1. xauthorization
2. xhost
3. xwin
4. xconnect

19. 19. Which option to useradd sets the number of days between password expiration and when the account is disabled?

1. -n
2. -f
3. -e
4. -g

20. 20. Which of the following commands displays the current mail aliases known on the server?

1. getent aliases
2. getalias
3. listalias
4. mail aliases

21. 21. Which of the following configuration lines in /etc/hosts.deny creates a deny-by-default policy where clients will need to be specifically allowed in /etc/hosts.allow?

1. *. *
2. All: *
3. ALL: ALL
4. LOC: ALL

22. 22. Which of the following describes the result of running the `atq` command as root?
1. The current cron and at jobs for root will be listed.
 2. The current at jobs for all users will be listed.
 3. The current cron and at jobs for all users will be listed.
 4. The last 10 entries in the at log will be shown.
23. 23. Which of the following commands can be used to set the time zone on a Debian system?
1. `tzconfig`
 2. `/etc/timeconfig`
 3. `timeconfig`
 4. `timecfg`
24. 24. Which command option can be used to remove all cron jobs for a given user using the `crontab` command?
1. `-d`
 2. `-e`
 3. `-r`
 4. `-l`
25. 25. Which option to the `crontab` command enables you to work with a different user's cron jobs?
1. `-u`
 2. `-m`
 3. `-d`
 4. `-e`
26. 26. Which of the following commands displays the available character maps?
1. `charmap`
 2. `charmap -l`
 3. `locale -m`
 4. `mapinfo`
27. 27. Within which directory hierarchy will you find information regarding the available time zones on the server?
1. `/usr/zoneinfo`
 2. `/usr/share/zoneinfo`
 3. `/etc/zoneinfo`
 4. `/etc/tz.conf.d`
28. 28. When deleting a user from the server, you need to maintain their home directory rather than deleting it. Which option of the following commands deletes the user `<username>` but preserves their home directory?
1. `userdel <username>`
 2. `userdel -r <username>`
 3. `userdel -h <username>`
 4. `userdel -p <username>`
29. 29. After deleting a group, you need to search the filesystem for files owned by the group using its group ID. Which option to the `find` command will search using the group ID?
1. `-user`
 2. `-group`
 3. `-groupid`

4. -gid

30. 30. Which of the following commands changes the group name from admins to serveradmins?

1. groupmod -g admins serveradmins
2. groupmod -n serveradmins admins
3. groupchg -n serveradmins admins
4. groupchg admins -n serveradmins

31. 31. Which command is used to parse log file entries on a systemd-based system?

1. logger
2. journalentry
3. jrncctl
4. journalctl

32. 32. The drift file, as specified in /etc/ntp.conf on a Red Hat system, is stored in which location by default?

1. /var/lib/ntp/drift
2. /var/ntp/drift
3. /usr/share/ntpdrift
4. /usr/share/lib/ntpdrift

33. 33. Which option to the ntpdate command configures the version to use, such that an older NTP server could be queried?

1. -o
2. -v
3. -e
4. -r

34. 34. Within which directory are systemd journals stored by default?

1. /var/log/systemd
2. /var/systemd/journal
3. /var/log/journald
4. /var/log/journal

35. 35. Which option to the logrotate command specifies the mailer to use?

1. -o
2. -s
3. -m
4. -v

36. 36. Which option to date changes the output to UTC regardless of the current time zone?

1. -u
2. -t
3. -s
4. -v

37. 37. Which of the following commands can be used to delete a print job on a system that uses the lp print system?

1. lpdel
2. rmprint
3. rm -print
4. lprm

38. 38. Which character combination sets the body of the message to STDIN when using the `mail` command?

- 1. <
- 2. >
- 3. <<<
- 4. |

39. 39. Which of the following commands deletes a group from a Linux system?

- 1. `groupdm`
- 2. `grouprm`
- 3. `groupdel`
- 4. `delgroup`

40. 40. Which of the following syslog facilities captures messages from the lp printing facility?

- 1. `auth`
- 2. `messages`
- 3. `lpr`
- 4. `root`

41. 41. Which of the following subnet masks represents a /23?

- 1. 255.255.255.0
- 2. 255.255.0.0
- 3. 255.255.255.255
- 4. 255.255.254.0

42. 42. An entry in `/etc/nsswitch.conf` indicates `hosts: files dns`. In which order will `/etc/hosts` be queried for a host name lookup?

- 1. The `/etc/hosts` file will be examined first.
- 2. The `/etc/hosts` file is not related to host name lookup.
- 3. The `/etc/hosts` file will be queried second.
- 4. The `/etc/hosts` file will be queried last.

43. 43. Which port needs to be allowed through the firewall for standard LDAP traffic to be received by the server?

- 1. TCP port 25
- 2. TCP port 443
- 3. TCP port 143
- 4. TCP port 389

44. 44. Which option to `ssh` changes the username to use for logging into the server?

- 1. `-v`
- 2. `-i`
- 3. `-l`
- 4. `-u`

45. 45. Which option to `ping` disables name resolution?

- 1. `-d`
- 2. `-D`
- 3. `-f`
- 4. `-n`

46. 46. Which of the following commands shows various statistics for a network interface such as packets and bytes received and transmitted

along with errors and other such conditions?

1. `ifconfig`
2. `ifstat`
3. `if -s`
4. `ifcond`

47. 47. Which option to `dig` causes it to use IPv6 only for communication?

1. `-ipv6`
2. `-6`
3. `-v6`
4. `-IPv6`

48. 48. What is the limit for domains and characters when using the search option in `/etc/resolv.conf`?

1. Three domains and 128 characters
2. Six domains and 256 characters
3. Twelve domains and 1024 characters
4. Fourteen domains and 1024 characters

49. 49. When using the `host` command, which option displays the SOA record from each of the authoritative DNS name servers for the given domain?

1. `-N`
2. `-n`
3. `-C`
4. `-a`

50. 50. You need to specify an additional localhost address and host name for a server in order to support a specialized network configuration. Which line in `/etc/hosts` sets the host name with a unique IP address in the correct range for localhost?

1. `127.0.1.1 host.example.com host`
2. `192.168.0.1 host.example.com host`
3. `host.example.com 127.0.0.1`
4. `host.example.com 172.16.31.32`

51. 51. Which of the following options to `ifup` tells the command to ignore errors and continue?

1. `--continue`
2. `--C`
3. `--ignore-errors`
4. `-h`

52. 52. Which option to `passwd` can be used to unlock an account that was locked with the `passwd` command?

1. `-S`
2. `-l`
3. `-u`
4. `-w`

53. 53. Which of the following is the correct syntax to connect using `ssh` to `host.example.com` on port 2200?

1. `ssh -l 2200 host.example.com`
2. `ssh host;example.com`
3. `ssh host.example.com:2200`
4. `ssh host:2200 -d example.com`

54. 54. Which of the following scenarios prevents all users from using cron except those specifically allowed?

1. Create an `/etc/cron.allow` with the specified users.
2. Add an entry of `*` to `/etc/cron.deny`.
3. Create `/etc/cron.deny`, and add specified users.
4. Add `deny=users` to `cron.allow`.

55. 55. Which option in `/etc/sudoers` sets the destination address for administrative and security e-mails related to `sudo`?

1. `mail`
2. `mailto`
3. `secmail`
4. `adminmail`

56. 56. Which of the following commands displays a listing of who is logged into the server along with the date and time that they logged in?

1. `whois`
2. `who`
3. `loggedin`
4. `curusers`

57. 57. Which port should be allowed through a firewall for NTP communication?

1. Port 139
2. Port 161
3. Port 123
4. Port 194

58. 58. Which option to `nmap` causes it to scan using UDP?

1. `-sT`
2. `-sS`
3. `-sP`
4. `-sU`

59. 59. Which of the following commands retrieves the ssh host key fingerprint from a server?

1. `ssh-keygen`
2. `ssh-hostkey`
3. `ssh-keyscan`
4. `ssh-key`

60. 60. Which of the following options to `ls` searches an entire directory tree for open instances of files or directories?

1. `-d`
2. `+D`
3. `-f`
4. `-i`



