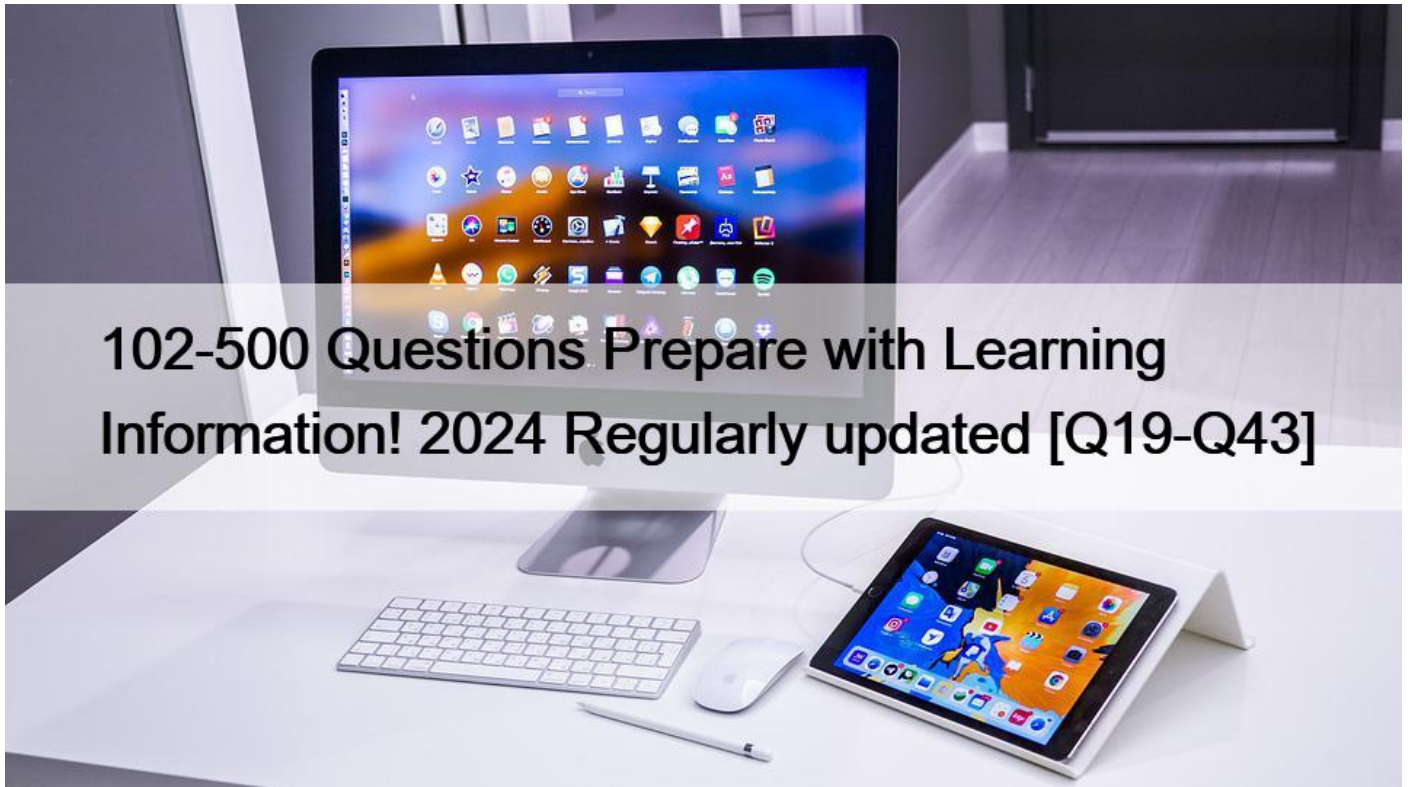


102-500 Questions Prepare with Learning Information! 2024 Regularly updated [Q19-Q43]



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Q19. What command can be used to generate syslog entries of any facility and priority? (supply just the command name without a path)

logger

Q20. 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

Q21. What information is provided by the echo \$\$ command?

- * The process ID of the current shell.
- * The process ID for the following command.
- * The process ID of the last command executed.
- * The process ID of the last command which has been placed in the background.
- * The process ID of the echo command.

Q22. Which of the following parameters are used for journalctl to limit the time frame of the output? (Choose two.)

- * `–since=`
- * `–from=`
- * `–until=`

- * `–upto=`
- * `–date=`

Q23. Suppose that the command `netstat -a` hangs for a long time without producing output. You might suspect:

- * A problem with NFS.
- * A problem with DNS.
- * A problem with NIS.
- * A problem with routing.
- * That the netstat daemon has crashed.

Q24. What output does the command `seq 1 5 20` produce?

- * 1
- * 1
- * 1
- * 2
- * 5

Q25. What is true about the file `/etc/localtime`?

- * It is a plain text file containing a string such as `Europe/Berlin`
- * It is created and maintained by the NTP service based on the location of the system's IP address.
- * It is a symlink to `/sys/device/clock/ltime` and always contains the current local time.
- * After changing this file, `newtzconfig` has to be run to make the changes effective.
- * It is either a symlink to or a copy of a timezone information file such as `/usr/share/zoneinfo/Europe/Berlin`.

Q26. When generating new authentication keys with SSH for a user, where should the private key be kept?

- * On any trusted system from which the user will login.
- * On a CD-ROM or USB stick.
- * Printed and kept in a secure place.
- * Only on the computer where the key was created.
- * SSH does not use private keys.

Q27. Which directory in `/etc` is used to keep a sample copy of files and directories for when a new user has a home directory created? (Please provide the full path)

`/etc/skel, /etc/skel/`

Q28. FILL BLANK

Which option in the `/etc/ntp.conf` file specifies an external NTP source to be queried for time information?

(Specify only the option without any values or parameters.)

`server`

Q29. Which of the following programs can be used to determine the routing path to a given destination?

- * `dig`
- * `netstat`
- * `ping`
- * `route`
- * `traceroute`

Q30. FILL BLANK

Which command must be run after adding a new email alias to the configuration in order to make this change effective? (Specify the command without any path but including all required parameters.)

newaliases

Q31. Which directory in a user's home contains configuration files and key rings for GPG?

- * ~/gpg.d/
- * ~/.gpg/
- * ~/.gnupg/
- * ~/gnupg/
- * ~/.gpg.d/

Q32. 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)

- * Year
- * Minute
- * Username
- * Command

Q33. For accessibility assistance, which of the following programs is an on-screen keyboard?

- * xkb
- * atkb
- * GOK
- * xOSK

Q34. Which of the following PPP authentication protocols never sends a password in the clear?

- * PAM
- * PAP
- * PGP
- * CHAP

Q35. What word is missing from the following SQL statement?

_____ count(*) from tablename;

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

select

Q36. Which file contains the data of the last change of a user's password?

- * /etc/gshadow
- * /etc/passwd
- * /etc/pwdlog
- * /var/log/shadow
- * /etc/shadow

Q37. On a system using systemd-journald, which of the following commands add the message Howdy to the system log? (Choose two.)

- * append Howdy
- * logger Howdy
- * systemd-cat echo Howdy

- * echo Howdy > /dev/journal
- * journalctl add Howdy

Explanation/Reference:

Q38. Which of the following keywords can be used in the file /etc/resolv.conf? (Choose TWO correct answers.)

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

Q39. Which of the following comparison operators for test work on elements in the file system?

(Choose two.)

- * -z
- * -eq
- * -d
- * -f
- * -it

Q40. 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?

- * The local routing information may be corrupted and must be re-validated using a routing protocol.
- * 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.
- * 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.
- * DNS resolution may not be working as route by default tries to resolve names of routers and destinations and may run into a timeout.

Q41. Which of the following are syslog facilities? (Choose two.)

- * local5
- * accounting
- * mail
- * postmaster
- * remote

Explanation

Q42. 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

Q43. Which of the following commands displays all environment and shell variables?

- getargs
- * lsenv

- * ls
- * env
- * lshell

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