

Linux-Quiz

Points: 71%

Time: 22:11

1. Rate your Self on Linux. [where 0 low & 10 High]

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2. Name *

Maaz Patel

3. Location *

☐ Pune☒ Ahmedabad

✓ **Correct**

4. Which command is used to display the current date and time in Linux? *

☒ `date`☐ `time`

- ☐ `clock`
- ☐ `datetime`

✓ **Correct**

5. In Linux, what does the command `ls -l` do? *

- ☐ Lists all files and directories in the current directory.
- ☒ Lists files and directories in long format, showing permissions and other details.
- ☐ Lists only directories in the current directory.
- ☐ Lists files and directories in reverse order.) Lists files and directories in long format, showing permissions and other details.

✓ **Correct**

6. Which of the following commands is used to create a new directory in Linux? *

- ☐ `newdir`
- ☒ `mkdir`
- ☐ `touch`
- ☐ `makedir`

✓ **Correct**

7. What does the command `pwd` in Linux stand for? *

- ☐ Print World Directory
- ☐ Print Web Directory

- ☒ Print Working Directory
- ☐ Print Windows Directory) Print Working Directory

✓ **Correct**

8. Which command is used to display the manual of another command in Linux? *

- ☐ `help`
- ☒ `man`
- ☐ `info`
- ☐ `manual`

✓ **Correct**

9. In Linux, what is the purpose of the command `cp`? *

- ☐ Move files and directories
- ☒ Copy files and directories
- ☐ Change permissions of files and directories
- ☐ Create symbolic links) Copy files and directories

✓ **Correct**

10. Which command is used to remove a file in Linux? *

- ☐ `remove`
- ☐ `del`
- ☒ `rm`

☐ `erase`

✓ **Correct**

11. What does the command `grep` do in Linux? *

☒ Searches for text patterns in files

☐ Displays disk usage

☐ Encrypts files

☐ Displays current processes

✗ **Incorrect**

12. Which command is used to change the current user's password in Linux? *

☐ `passwd`

☐ `password`

☐ `change`

☒ `chpasswd`

✓ **Correct**

13. In Linux, what does the `chmod 755 file.txt` command do? *

☐ Changes the file ownership to user `755` and group `file.txt`

☐ Sets the file `file.txt` to be executable by everyone and writable by the owner

☒ Changes the permissions of `file.txt` to read, write, and execute for the owner, and read and execute for others

- ☐ Changes the file extension of `file.txt` to `.755`
- ☐ Changes the permissions of `file.txt` to read, write, and execute for the owner, and read and execute for others

✓ **Correct**

14. Which command is used to list all processes running on the system in Linux? *

- ☒ `ps`
- ☐ `proc`
- ☐ `listproc`
- ☐ `top` `ps`

✓ **Correct**

15. What does the command `whoami` do in Linux? *

- ☒ Displays the current username
- ☐ Displays who is logged into the system
- ☐ Displays system information
- ☐ Displays the current date and time

✓ **Correct**

16. What does the command `df -h` do in Linux? *

- ☐ Displays detailed information about the filesystem
- ☒ Displays disk usage in human-readable format
- ☐ Displays network configuration

☐ Displays hardware information

✓ **Correct**

17. Which command is used to edit a text file in Linux? *

- ☐ `edit`
- ☒ `nano`
- ☐ `write`
- ☐ `textedit`

✗ **Incorrect**

18. In Linux, what is the purpose of the `tar` command? *

- ☒ Compress files
- ☐ Extract files from an archive
- ☐ Create an archive
- ☐ Encrypt files

✓ **Correct**

19. Which command is used to find files in Linux based on their name? *

- ☐ `search`
- ☐ `locate`
- ☒ `find`

☐ `grep` `find`

✓ **Correct**

20. What does the command `history` display in Linux? *

- ☐ System uptime
- ☒ List of recently executed commands
- ☐ List of logged-in users
- ☐ Contents of the `history` file) List of recently executed commands

✓ **Correct**

21. What does the command `mv` do in Linux? *

- ☒ Move files and directories
- ☐ Copy files and directories
- ☐ Rename files and directories
- ☐ Create symbolic links) Move files and directories

✓ **Correct**

22. Which command is used to list all environment variables in Linux? *

- ☒ `env`
- ☐ `vars`
- ☐ `listenv`

☐ `export`

✓ **Correct**

23. What is the purpose of the `scp` command in Linux? *

- ☒ Securely copy files between hosts over a network
- ☐ Display system resource usage
- ☐ List active network connections
- ☐ Manage system services) Securely copy files between hosts over a network

✗ **Incorrect**

24. Which command is used to view the contents of a compressed file without decompressing it in Linux? *

- ☐ `gzcat`
- ☐ `zcat`
- ☐ `cat`
- ☒ `view`

✓ **Correct**

25. What does the command `chmod +x [script.sh](#)` do in Linux? *

- ☐ Changes the ownership of [script.sh](#) to executable
- ☒ Adds execute permission to [script.sh](#) for the owner
- ☐ Changes the permissions of all files in the current directory to executable

- ☐ Changes the execute permission of ``script.sh`` for all users) Adds execute permission to ``script.sh`` for the owner

✓ **Correct**

26. Which command is used to display real-time system performance metrics in Linux? *

- ☐ ``perf``
- ☒ ``top``
- ☐ ``sysstat``
- ☐ ``ps``

✓ **Correct**

27. What does the command ``du -sh`` do in Linux? *

- ☐ Displays detailed information about disk usage
- ☐ Lists files and directories in the current directory
- ☒ Shows the size of files and directories in human-readable format
- ☐ Searches for files and directories) Shows the size of files and directories in human-readable format

✗ **Incorrect**

28. Which command is used to change the priority of a process in Linux? *

- ☐ ``setpriority``
- ☒ ``nice``
- ☐ ``renice``

☐ `priority`) `renice`

✗ **Incorrect**

29. What does the `umask` command do in Linux? *

- ☒ Displays disk usage statistics
- ☐ Sets default permissions for new files and directories
- ☐ Manages user accounts
- ☐ Changes the system timezone

✓ **Correct**

30. Which command is used to display information about installed packages in Debian- based Linux distributions? *

- ☐ `pkginfo`
- ☒ `dpkg-query`
- ☐ `yum info`
- ☐ `rpm -q`

✓ **Correct**

31. What does the command `ps aux` *

- ☒ Lists all processes running on the system and filters out those related to SSH
- ☐ Lists all users currently logged into the system and their active SSH sessions
- ☐ Lists all SSH keys stored in the `aux` directory

- ☐ Searches for the string `ssh` in the `aux` file

✓ **Correct**

32. In Linux, what is the purpose of the command `chown`? *

- ☒ Change file ownership
- ☐ Change file permissions
- ☐ Change file timestamps
- ☐ Change file attributes

✗ **Incorrect**

33. Which command is used to display the current kernel version in Linux? *

- ☐ `uname -a`
- ☐ `kernelinfo`
- ☐ `version`
- ☒ `cat /proc/version`

✗ **Incorrect**

34. What does the `dd` command do in Linux? *

- ☐ Delete files and directories
- ☐ Display disk usage
- ☐ Convert and copy files

☒ Create symbolic links

✓ **Correct**

35. Which command is used to display information about CPU architecture in Linux? *

- ☐ `cpuinfo`
- ☒ `cat /proc/cpuinfo`
- ☐ `archinfo`
- ☐ `sysinfo`

✓ **Correct**

36. What does the `ifconfig` command do in Linux? *

- ☐ Configure network interfaces
- ☒ Display information about network interfaces
- ☐ Display routing table entries
- ☐ Display system uptime

✗ **Incorrect**

37. Which command is used to display the manual of another command in Linux? *

- ☒ `help`
- ☐ `man`
- ☐ `info`

☐ `manual`

✓ **Correct**

38. In Linux, what does the `cron` service do? *

- ☐ Manages system logs
- ☒ Automates scheduled tasks
- ☐ Monitors network connections
- ☐ Encrypts sensitive files

✗ **Incorrect**

39. Which command is used to list all users currently logged into the system in Linux? *

- ☐ `who`
- ☒ `users`
- ☐ `logged`
- ☐ `listusers`

✗ **Incorrect**

40. What does the command `lsblk` do in Linux? *

- ☐ Lists all files and directories
- ☐ Lists block devices
- ☒ Lists only symbolic links

☐ Lists all users

✗ **Incorrect**

41. Which command is used to display the contents of a compressed file in Linux? *

☐ `gzip`

☒ `unzip`

☐ `tar`

☐ `zcat`

✗ **Incorrect**

42. What does the command `uptime` display in Linux? *

☐ Current system time

☒ Current user session duration

☐ System load average

☐ System uptime

✗ **Incorrect**

43. Which command is used to manage firewall rules in Linux? *

☒ `ufw`

☐ `firewall`

☐ `iptables`

☐ `firewalld`

✓ **Correct**

44. Which command is used to display the current working directory? *

☒ pwd

☐ cd

☐ ls

☐ dir

✓ **Correct**

45. What does the chmod 755 command do? *

☒ Sets read, write, and execute permissions for owner, and read and execute for group and others

☐ Sets read and write permissions for all users

☐ Sets execute permissions for all users

☐ Sets read permissions for owner and nothing for others

✓ **Correct**

46. Which command is used to kill a process in Linux? *

☐ `terminate`

☐ `end`

☒ `kill`

☐ `stop`

✓ **Correct**

47. What does the command `chmod 644 file.txt` do in Linux? *

- ☒ Changes the permissions of `file.txt` to read and write for the owner, and read for others
- ☐ Changes the permissions of `file.txt` to read, write, and execute for the owner, and read and execute for others
- ☐ Changes the file ownership of `file.txt` to user `644` and group `file.txt`
- ☐ Changes the file extension of `file.txt` to `.644`) Changes the permissions of `file.txt` to read and write for the owner, and read for others

✓ **Correct**

48. Which command is used to display a list of active network connections in Linux? *

- ☒ `netstat`
- ☐ `conn`
- ☐ `activeconn`
- ☐ `listconn`

✗ **Incorrect**

49. What does the command `whois` do in Linux? *

- ☒ Display information about logged-in users
- ☐ Display information about network configurations

- ☐ Query information about domain names and IP addresses
- ☐ Display information about system processes) Query information about domain names and IP addresses

✓ **Correct**

50. Which command is used to display the contents of a file while continuously updating it in Linux? *

- ☐ `tail`
- ☐ `more`
- ☐ `less`
- ☒ `watch`

✓ **Correct**

51. What does the command `echo \$PATH` display in Linux? *

- ☐ Current user's home directory
- ☐ List of environment variables
- ☒ System path where executable files are located
- ☐ List of running processes

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