



You completed this test on *2026/02/26, 07:53*

Your score is 95.00%

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CORRECT

Which command is used to search for a specific pattern in files?

find

locate

*grep*

search

---

CORRECT

What does the `chmod 755 filename` command do?

Changes file ownership

*Sets read, write, and execute permissions for owner; read and execute for others*

Deletes the file

Compresses the file

---

CORRECT

Which command displays the last 10 lines of a file by default?

head

*tail*

less

view

---

CORRECT

What is the function of the top command?

Lists top-level directories

Shows system uptime

*Displays real-time system processes and resource usage*

Opens the terminal settings

---

CORRECT

Which command is used to archive files using tar?

zip

gzip

*tar*

archive

---

CORRECT

What does the df -h command display?

*Disk usage in human-readable format*

File system errors

Directory structure

Hidden files

---

CORRECT

Which command is used to find the location of a command in the system?

locate

path

*which*

find

---

CORRECT

What does the ps aux command show?

*All running processes with detailed information*

User permissions

System logs

Network connections

---

CORRECT

Which command is used to download files from the internet in Linux?

curl

wget

fetch

get

---

CORRECT

What is the purpose of the kill command?

Delete a file

*Stop a running process*

Shutdown the system

Remove a user

---

CORRECT

What does the command `find / -type f -name "*.log"` do?

Finds all directories named .log

*Searches for all files with .log extension starting from root*

Deletes all .log files

Lists all hidden files

---

CORRECT

Which command combination is used to archive and compress a directory into a .tar.gz file?

zip -r archive.tar.gz folder

`tar -cvf archive.tar.gz folder`

*`tar -czvf archive.tar.gz folder`*

gzip folder

---

CORRECT

What does the nice command do in Linux?

Terminates a process

*Sets the priority of a process*

Displays system logs

Lists user permissions

---

CORRECT

Which command is used to monitor real-time disk I/O in Linux?

*iostat*

top

df

du

---

CORRECT

What is the effect of `chmod 4755 filename`?

Sets full permissions for all users

Enables sticky bit

*Sets the SUID bit, allowing users to execute with owner's privileges*

Makes the file executable only by root

---

CORRECT

What does the strace command do?

*Traces system calls and signals of a process*

Displays memory usage

Monitors network traffic

Lists open ports

---

CORRECT

Which command is used to securely copy files between systems?

ftp

scp

rsync

cp

---

CORRECT

What does the lsof command display?

List of system files

*List of open files and the processes using them*

List of orphaned files

List of file permissions

---

CORRECT

What is the purpose of the mount command in Linux?

Format a disk

*Attach a filesystem to a directory tree*

Create a new partition

Encrypt a disk

---

CORRECT

Which command is used to schedule a one-time task in Linux?

cron

at

systemd

task

---

CORRECT

Which command is used to display all active network interfaces and their IP addresses?

ipconfig

*ifconfig*

netstat

ping

---

CORRECT

What does the netstat -tuln command show?

*All active TCP and UDP ports in numeric format*

Network traffic statistics

DNS resolution status

Firewall rules

---

CORRECT

Which command is used to test connectivity to a remote host?

netstat

traceroute

*ping*

dig

---

CORRECT

What is the purpose of the traceroute command?

Lists all open ports

*Displays the route packets take to reach a host*

Shows DNS records

Monitors bandwidth usage

CORRECT

Which command is used to query DNS records for a domain?

ping

*nslookup*

netstat

ifconfig

---

CORRECT

What does the ip a command do?

Assigns a new IP address

*Displays IP address and interface details*

Activates a network interface

Lists all active connections

---

CORRECT

Which command is used to transfer files securely over SSH?

ftp

*scp*

wget

curl

---

CORRECT

What does the nmap command do?

Monitors network traffic

Maps network drives

*Scans hosts and ports for vulnerabilities*

Displays routing tables

---

CORRECT

Which command is used to display the routing table in Linux?

route

ip route

netstat -r

*All of the above*

---

CORRECT

What is the function of the tcpdump command?

Dumps TCP packets to a file

*Captures and analyzes network traffic*

Lists TCP connections

Blocks TCP traffic

---

CORRECT

Which command is used to modify SELinux security contexts?

chown

setenforce

*chcon*

chmod

---

CORRECT

What does the iptables -L command do?

Lists all active users

*Lists current firewall rules*

Launches a security scan

Locks the system

---

INCORRECT

Which command is used to check file integrity using pre-generated hashes?

md5sum

*sha256sum*

tripwire

hashcheck

---

CORRECT

What is the purpose of the auditctl command?

Manage user permissions

*Configure audit rules for system monitoring*

Encrypt files

Scan for malware

---

CORRECT

Which command is used to view login attempts and authentication logs?

last

authlog

journalctl -u ssh

*cat /var/log/auth.log*

---

CORRECT

What does the fail2ban tool do?

Bans users from accessing files

*Prevents brute-force attacks by blocking IPs*

Encrypts user data

Monitors system performance

---

CORRECT

Which command is used to generate SSH key pairs?

*ssh-keygen*

ssh-add

ssh-config

keygen

---

CORRECT

What does the gpg command do?

Generates passwords

*Encrypts and signs files using GNU Privacy Guard*

Manages firewall rules

Creates user accounts

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INCORRECT

Which command is used to check for open ports and services?

netstat

lsof

nmap

ss

---

CORRECT

What is the purpose of the passwd command?

View password policies

*Change user passwords*

Encrypt passwords

Reset system password

---

CORRECT

What does the top command display?

Disk usage

*Real-time process and resource usage*

Network traffic

File permissions

---

CORRECT

Which command shows memory usage in a human-readable format?

*free -h*

memstat

top

df -h

---

CORRECT

What is the function of the vmstat command?

Displays virtual machine status

*Reports system performance including memory, CPU, and I/O*

Lists running processes

Shows disk partitions

---

INCORRECT

Which command is used to monitor CPU usage over time?

cpustat

mpstat

*top*

uptime

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CORRECT

What does the iotop command monitor?

Network traffic

*Disk I/O usage by processes*

CPU temperature

Memory leaks

---

CORRECT

Which command shows system uptime and load averages?

*uptime*

top

who

sysinfo

---

CORRECT

What does the sar command do?

*Displays system activity reports*

Shows active users

Monitors network packets

Lists scheduled tasks

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CORRECT

Which command is used to monitor real-time logs?

logwatch

*tail -f*

journalctl

syslog

---

CORRECT

What does the htop command offer over top?

*Graphical interface and better usability*

Network monitoring

Disk encryption

File system analysis

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CORRECT

Which command displays system boot and shutdown logs?

dmesg

*journalctl -b*

syslog

bootlog

---

CORRECT

Which command is used to move or rename files?

*mv*

move

rn

cp

---

CORRECT

Which command lists all files and directories in the current location?

list

*ls*

show

dir

---

CORRECT

What does the pwd command display?

Password

*Present working directory*

Previous directory

Print working data

CORRECT

Which command is used to create a new directory?

*mkdir*

newdir

createdir

makedir

---

CORRECT

What is the function of the cd command?

Copy directory

*Change directory*

Create directory

Close directory

---

CORRECT

Which command shows the contents of a file?

show

open

*cat*

readfile

---

CORRECT

What does the rm command do?

Rename a file

*Remove a file*

Read a file

Run a file

---

CORRECT

Which command is used to copy files?

*cp*

copy

mv

cpy

---

CORRECT

What does the touch command do?

Opens a file

Deletes a file

*Creates an empty file*

Moves a file

---

CORRECT

Which command displays help or manual pages for other commands?

help

manual

*man*

info

