

Monitoring & Alerting Checklist

Linux Command Cheat Sheet

Quick reference to essential Linux commands for navigation, file handling, system monitoring, and networking.

Basic Navigation

- pwd Print current directory
- ls -la List files (detailed, including hidden)
- cd <dir> Change directory
- cd .. Go up one level

File Operations

- touch file.txt Create empty file
- mkdir newfolder Create directory
- cp file1 file2 Copy file
- mv file1 file2 Move or rename
- rm file.txt Remove file
- rm -r folder/ Remove directory recursively

Viewing Files

- cat file.txt Print contents
- less file.txt Scrollable view
- head -n 10 file.txt First 10 lines
- tail -n 10 file.txt Last 10 lines
- tail -f log.txt Follow logs

Searching

- grep 'text' file.txt Search text
- find . -name "*.log" Find files
- history Show history

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Permissions

- `chmod +x file.sh` Make executable
- `chown user:user file` Change ownership

Networking

- `ping google.com` Test connectivity
- `curl ifconfig.me` Get public IP
- `netstat -tulpn` Show open ports
- `ss -tuln` Show listening ports

System Info

- `top / htop` System processes
- `df -h` Disk usage
- `du -sh *` Folder sizes
- `uptime` Time since boot
- `free -m` Memory usage
- `uname -a` Kernel info
- `whoami` Current user

Package Management

- `sudo apt update && upgrade` Ubuntu/Debian
- `yum update` CentOS/RHEL
- `dnf upgrade` Fedora

Archiving

- `tar -czvf archive.tar.gz folder/` Compress
- `tar -xzvf archive.tar.gz` Extract

SSH & File Transfer

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- ssh user@host Connect via SSH
- scp file.txt user@host:/path/ Copy over SSH

Shortcuts & Tricks

- !! Run last command
- !n Run command from history
- Ctrl + R Reverse search
- Ctrl + C Cancel
- Ctrl + D Exit terminal

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