Server Maintenance Guide

Ubuntu VPS (Ubuntu 24.04)

DAILY TASKS

1. Check Server Uptime & Load

Command: uptime

Purpose: Shows how long the server's been running + load averages.

Watch For: Load average > CPU cores = possible overload.

Fix: Use 'top' to find heavy processes; restart services or scale VPS.

2. Verify Firewall Status

Command: sudo ufw status

Purpose: Confirms firewall is active.

Fix: Enable it (sudo ufw enable); adjust ports with 'allow' or 'deny'.

3. Review System Logs

Command: sudo journalctl -xe

Purpose: Check for errors or warnings.

Watch For: Repeated service errors or login issues.

Fix: Restart problem service, or look up error messages online.

4. Check Critical Services

Command: systemctl status [service]

Example: systemctl status nginx

Purpose: Confirms services are active/running.

Fix: Restart services if inactive (sudo systemctl restart [service]).

WEEKLY TASKS

1. Update System Packages

Commands:

sudo apt update

sudo apt upgrade

Purpose: Keeps server secure and stable.

Fix: If errors, try 'sudo apt --fix-broken install'.

2. Check Disk Space

Command: df -h

Watch For: Any partition >80% full.

Fix: Clean logs (sudo journalctl --vacuum-time=7d), remove old files.

3. Monitor Memory/CPU

Commands:

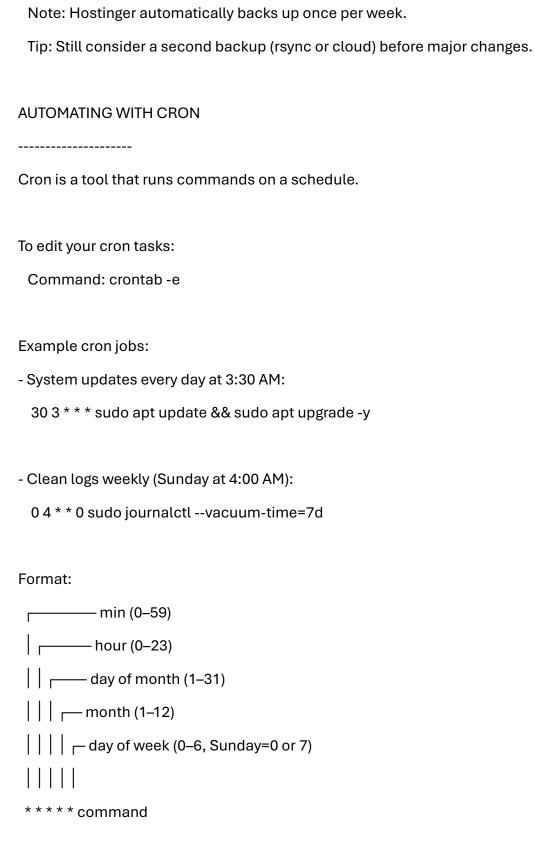
free -h

top

Watch For: High RAM or CPU usage.

Fix: Stop or restart heavy processes. Optimize app if needed.

4. Server Backup



TIPS

- Don't forget: use 'sudo' where needed.
- Always back up before major config changes.
- After updates, reboot if necessary: sudo reboot
- Test cron jobs by running the command manually first.