Red Hat Enterprise Linux (RHEL) Administration Notes

NOTES | Linux & RHEL

Structured free study notes covering RHEL installation, user and permission management, LVM storage configuration, systemd service control, and RHCSA/RHCE command fundamentals.

KEY MODULES & STUDY CHECKLIST

01. File system hierarchy, standard permissions, special bits (SUID/SGID/Sticky) & ACLs
02. Disk partitioning, Physical Volumes, Volume Groups, LVM expansion & /etc/fstab mounts
03. Managing systemd units, targets, journalctl logs, firewalld & SELinux booleans
04. RHCSA & RHCE high-frequency command checklist and exam preparation tips

PRACTICAL LAB COMMANDS & QUICK REFERENCE

```
# Check user groups, permissions & ACLs
id <username> && setfacl -m u:devuser:rwx /srv/project
# Inspect & extend LVM storage safely
lsblk && lvextend -L +5G -r /dev/vg_data/lv_app
# Verify systemd service & firewall rules
systemctl enable --now httpd && firewall-cmd --add-service=http --permanent
```

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