**Package Management and System Administration**

Package management involves installing, updating, and managing software on your system. Different Linux distributions use different package management systems.

**1. apt (Advanced Package Tool)**

**Used by:** Debian-based distributions (e.g., Ubuntu)

**🡪** **sudo apt update** update Package List

🡪**sudo apt upgrade** upgrade All Package

🡪 **sudo apt install package\_name** Install a Package

🡪 **sudo apt remove package\_name** Remove Package

🡪 **apt search package\_name** Search for a Package

🡪 **apt search package\_name** Get Info about the Package

**2. yum (Yellowdog Updater, Modified)**

**Used by:** Older Red Hat-based distributions (e.g., CentOS 7, RHEL 7)

**🡪** **sudo yum update** Update Package List and Upgrade All Packages

🡪 **sudo yum install package\_name** Install a Package

🡪 **sudo yum remove package\_name** Remove Package