9.8.26 notes

9.8.26

You should be comfortable with everything here

- MC/FR quiz: exam in a box
- scp python code: laptop to pi
  - scp <filename> user@<ipaddress>:/<location>
- mv, cp, rm, cat, less, more
  - mv is move, also change name
  - cp is copy, from one place to another
  - rm is remove, rm -frd removes directories too
  - cat, less and more look inside files
- useradd
- **su root**
- **sudo nano /etc/interfaces**
- man pages
- **$ vs # prompt**
- **powershell=windows shell**
- **uname -h for help**
- **apropos usb = keyword search**
- apt install (see below)
- dpkg -i

wget: installing stuff

- wget http://ftp.us.debian.org/debian/pool/main/c/cmatrix/cmatrix_2.0-6+b1_arm64.deb
- ls -lh *.deb
- dpkg-deb --info cmatrix_*.deb
- sudo dpkg -i cmatrix_*.deb
- cmatrix

using apt:

- sudo apt update
- sudo apt install sl
- sl

What's the difference?

- wget → download something from the Internet

- .deb → Debian software package
- dpkg -i → install a local package
- cmatrix → run what we installed
- dpkg -L → see what files were installed

next: network structure review

- permissions
- htop
- firewalls-routers
- tcp/ip stack
- dns
- dhcp
- /etc/host file
- NAT
- inbound port mapping

Revision #3
Created 2026-09-08 00:17:55 UTC by Admin
Updated 2026-09-08 21:13:03 UTC by Admin