

Useful shortcuts and commands:

- CTRL+ALT+T: open terminal
- CTRL+SHIFT+C: copy in terminal
- CTRL+SHIFT+V: paste in terminal
- CTRL+SHIFT+T: new tab in terminal
- *sudo*: get stuff done
- `| grep [STRING]`: get lines matching STRING from output

Install updates:

- Applications > System Tools > Administration > Update Manager
- Enable auto security updates
 - Update Manager > Settings

Activate firewall

- *ufw*
- *sudo ufw status* to get status
- *sudo ufw enable/disable* to enable/disable
- *sudo apt-get install firestarter*
- *sudo ufw allow/deny [PORT]* to set port perms
- *sudo ufw app list* to view rules
- Protect against DDOS attacks:
 - *sudo nano /etc/sysctl.conf*
 - Change net.ipv4.tcp_syncookies from 0 to 1

User accounts

- Use sudo instead of root (/etc/sudoers)
 - *sudo visudo*
 - *[name] ALL=(ALL)ALL*
 - *sudo adduser [username] sudo*
- Add/delete users
 - *sudo adduser username*
 - *sudo deluser username*
- Remove world readable perms to /home
 - *sudo chmod 0750 /home/[username]*
- Lock/unlock user
 - *sudo passwd -l username*
 - *sudo passwd -u username*

Antivirus

- Scan with ClamTK
- *sudo apt-get update*
- *sudo apt-get install clamav*
- *sudo freshclam*
- *sudo clamscan -i -r remove=yes*

Uninstall apps

- Applications > Ubuntu Software Center
- Go to Installed Software section
- List installed apps: `sudo dpkg --get -selections`
- Remove: `sudo apt-get purge [app]`
- Find where process is running from: `sudo ls -l /proc/[PID]/exe`

Processes

- View with `ps aux` or `top`

Logs

- `/var/log/messages` : General log messages
- `/var/log/boot` : System boot log
- `/var/log/debug` : Debugging log messages
- `/var/log/auth.log` : User login and authentication logs
- `/var/log/daemon.log` : Running services such as squid, ntpd and others log message to this file
- `/var/log/kern.log` : Kernel log file