Packages:

(install with -> sudo apt get install package_name)

sudo   (allow easy sudo permit control)
openssh-server   (server for remote login via ssh)
ufw   (uncomplicated firewall)
vim   (console based text editor)
libpam-pwquality   (easy password policy control)
net-tools   (net tools for grep net info)

Locations:

/dev/
/etc/passwd
/etc/shadow
/etc/sudoers.d
/etc/pam.d/common-password
/etc/login.defs
/etc/ssh/sshd_config
/usr/local/bin/monitoring.sh
/etc/hostname
/proc/cpuinfo

Commands:

login -> username -> password

Sudo
sudo reboot   (reboot pc)
su   (switch root)
exit   (switch back)

User
adduser admin   (add new user called admin)
deluser admin   (delete user called admin)

Group
sudo groupadd group_name   (create new group)
delgroup group_name   (delete group)
groups   (show groups we in)
getent group sudo   (show group users type)
sudo adduser msariasl sudo   (add msariasl to sudo)
deluser msariasl sudo   (remove msariasl from sudo)

SSH
sudo systemctl status ssh   (see ssh ports run)

Policies

chage -l msariasl   (show password policies)
sudo visudo   (specify password requirements and user privilege specification)
sudo chage -m 2 -M 30 msariasl   (force change password policies)

UFW (Uncomplicated Firewall)

sudo ufw status   (see ufw status)
sudo ufw allow 4242   (allow port with uwf)
sudo ufw enable   (enables firewall)
sudo ufw disable   (disables firewall)

Connection String

ssh msariasl@127.0.0.1 -p 4242   (connect your vbox from outside)

uname -p   (processor architecture)
lsblk   (show you disk partitions)

Processor

->free
->free -m   (megabyte)
->free -g   (gigabyte)

Disk & Capacity

->df
->df -Bk   (kilobyte)
->df -Bm   (megabyte)
->df -Bg   (gigabyte)

Process List

->top   (total of processes)
->top -b   (branch view)
->top -n1   (limit iteration to 1)
-> top -bn1   (branch & iterate 1)