# Post-Installation (2)

Time

timedatectl

timedatectl set-local-rtc yes

ntpdate : ntpdate -v ntp.belnet.be

Configure NTP servers

yum install ntp

/etc/ntp.conf

cp -p /etc/ntp.conf /etc/ntp.conf.bak

systemctl start ntpd

systemctl enable ntpd

Mass/Cluster installation

Kickstart process

Network boot

Config per host based on anaconda-ks.cfg

**Security environment**

**SELinux enabled (mode** permissive**)**

## DAC vs MAC

## Discretionnary Access Control vs Mandatory

## SELinux : enforcing, disabled and permissive mode

## Processes access files by context

## Run level : switch from 5 (graphical) to 3 (text)

## Old (but best) init.d process

## /etc/inittab

## telinit 3

New (but ...) systemd

systemctl set-default multi-user.target

systemctl set-default graphical.target

Config file

default.target --> /lib/systemd/system/graphical.target

In /lib/systemd/system

runlevel0.target -> poweroff.target

runlevel1.target -> rescue.target

runlevel2.target -> multi-user.target

runlevel3.target -> multi-user.target

runlevel4.target -> multi-user.target

runlevel5.target -> graphical.target

runlevel6.target -> reboot.target

# Disk/Partition Management

New disk added (8GB)

parted

fdisk [-l] /dev/sdb

mke2fs -t ext4 /dev/sdb

Update /etc/fstab

/disk/home /disks/data

Policies

## Data separated from systems

## /disks/home, /disks/share, /usr/local

## Filesystem Hierarchy Standard

## / /bin /boot /dev /lib /usr /opt

## /etc /var /tmp /sbin

## Discussion about static binaries (sbin directory ?)

## Safe from hacking of dynamic libraries (shared object = +/- DLL)