

# COMPASS Computing e CLOUD a Torino

# COMPASS Cloud Farm Status

1 server (small size 1 core 3GB ram - PBS)

MAX - 58 client (large size 6core - 16GB ram (348 core 3,2kHS06 )

Storage: 80TB (16TB cmps-home  
64TB cmps-data)

Filesystem	Size	Used	Avail	Use%	Mounted on
/dev/vda2	79G	4,1G	71G	6%	/
tmpfs	1,2G	0	1,2G	0%	/dev/shm
/dev/vda1	194M	103M	82M	56%	/boot
/dev/vdb2	14G	33M	14G	1%	/tmp
/dev/vde	4,9G	2,9G	2,1G	59%	/home
/dev/vdd	2,0T	226G	1,7T	13%	/home_cloud
172.16.219.100:/disk/cmps-data	64T	58T	6,6T	90%	/cmps-data
172.16.219.100:/disk/cmps-home	16T	14T	1,3T	92%	/cmps-home

compasshead ~ # █



```

amoroso - root@compasshead:~ - ssh - 80x24
*****
compasshead
info cloud
*****
compasshead ~ #
compasshead ~ #
compasshead ~ #
Filesystem      Size  Used Avail Use% Mounted on
/dev/vda2       79G   4,1G   71G   6% /
tmpfs           1,2G     0   1,2G   0% /dev/shm
/dev/vda1       194M  103M   82M  56% /boot
/dev/vdb2       14G    33M   14G   1% /tmp
/dev/vde        4,9G   2,9G   2,1G  59% /home
/dev/vdd        2,0T  226G   1,7T  13% /home_cloud
172.16.219.100:/disk/cmps-data
                64T   58T   6,6T  90% /cmps-data
172.16.219.100:/disk/cmps-home
                16T   14T   1,3T  92% /cmps-home
compasshead ~ # █
  
```

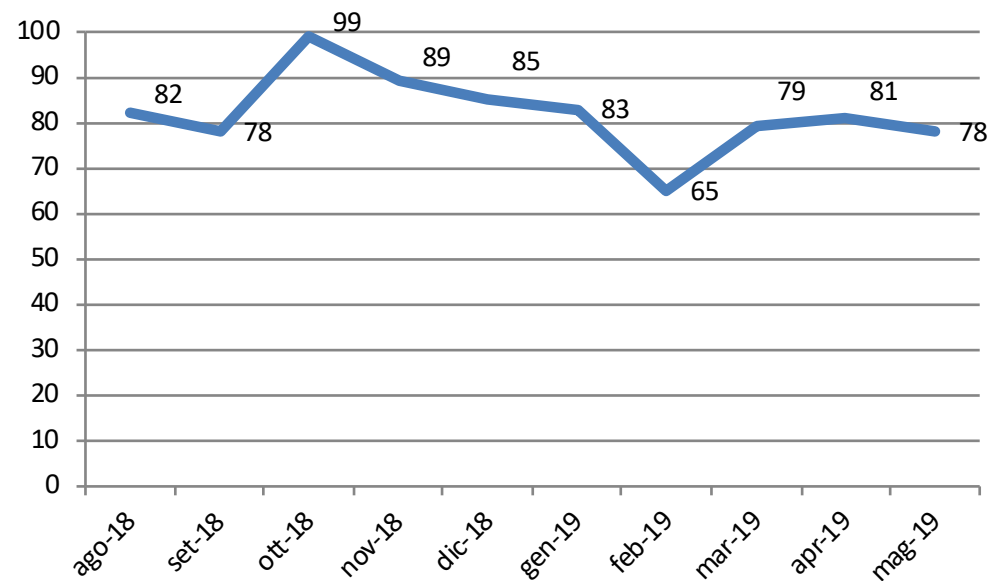
# Efficiency

## CPUtime vs Waltime

COMPASS Average  
Efficiency:

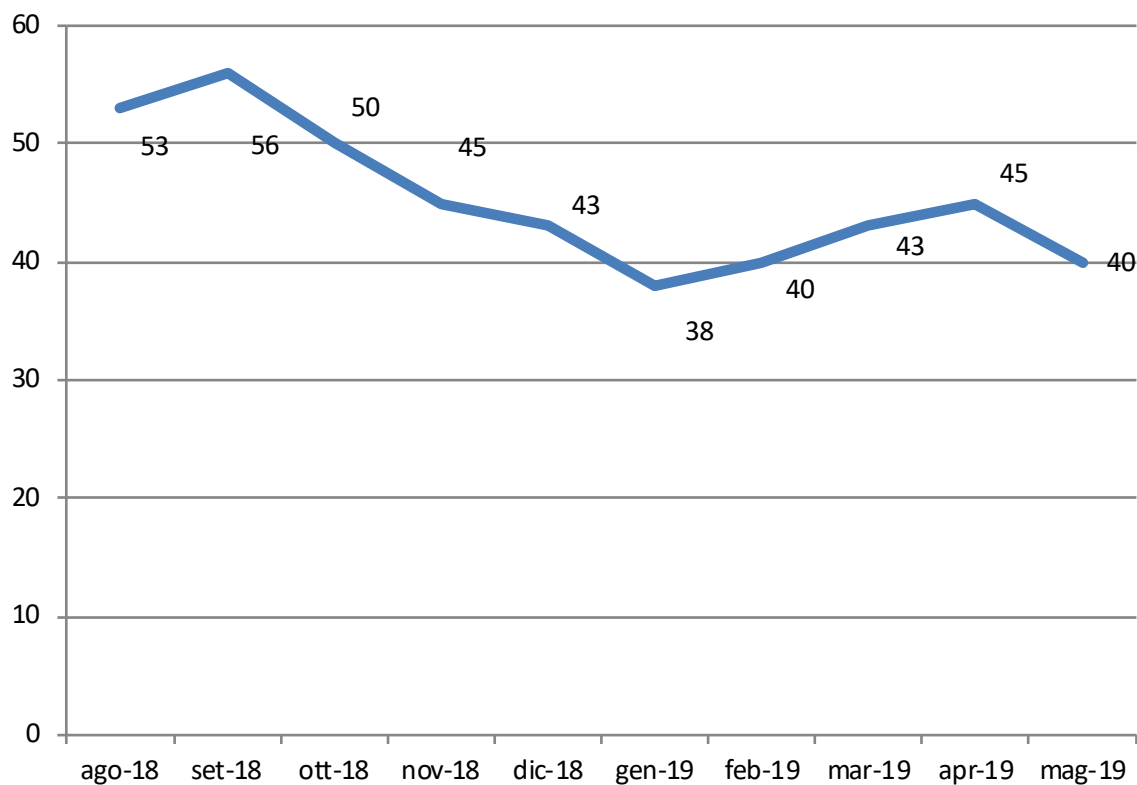
≈82%

July-August: shutdown



# CPU Usage

**Time vs CPUtime**



COMPASS Average  
Usage:

≈45%

July-August: shutdown

# Future Plans

- New Installation IN PROGRESS!
  - September 2019
- Increasing storage
  - 2019: 20TB
  - 2020: 20TB