

# Monitoring

Useful commands to monitor jobs or consumption

- [Resource Consumption](#)

# Resource Consumption

- The consumption can be monitored by a user by the report command. The command shows to two period current month + full consumption for each associated QOS. Users with more than one QOS will show separately

```
[root@cirrus08 ~]$ report --user fabiananeves
```

```
[root@cirrus09 ~]# report --user fabiananeves  
USAGE REPORT FOR USER fabiananeves  
Cluster/Account/User Utilization 2023-12-01T00:00:00 - 2023-12-06T12:59:59 (478800 secs)  
  
CPU USAGE FOR ACCOUNT cpca582052022: 50920 mins  
Account QOS's: cpca582052022 normal  
cpca582052022      : ██████████ 50920 mins  
fabiananeves       : ██████████ 50920 mins  
  
CUMULATIVE CONSUMED CPU TIME PER QOS  
cpca582052022 (cpu=1800000): ████████████████████████████████████ 157722 mins
```

- On this example the user fabiananeves consumed 50920 mins of the cpa582052022 total consumed for the period 2023-12-01T00:00:00 - 2023-12-06T12:59:59.
- On the second line you have the total QOS consumed 157722 mins (red bar) and in brackets you have the QOS attributed (cpu=1800000). The blue bar show the difference between the total and the consumed.