

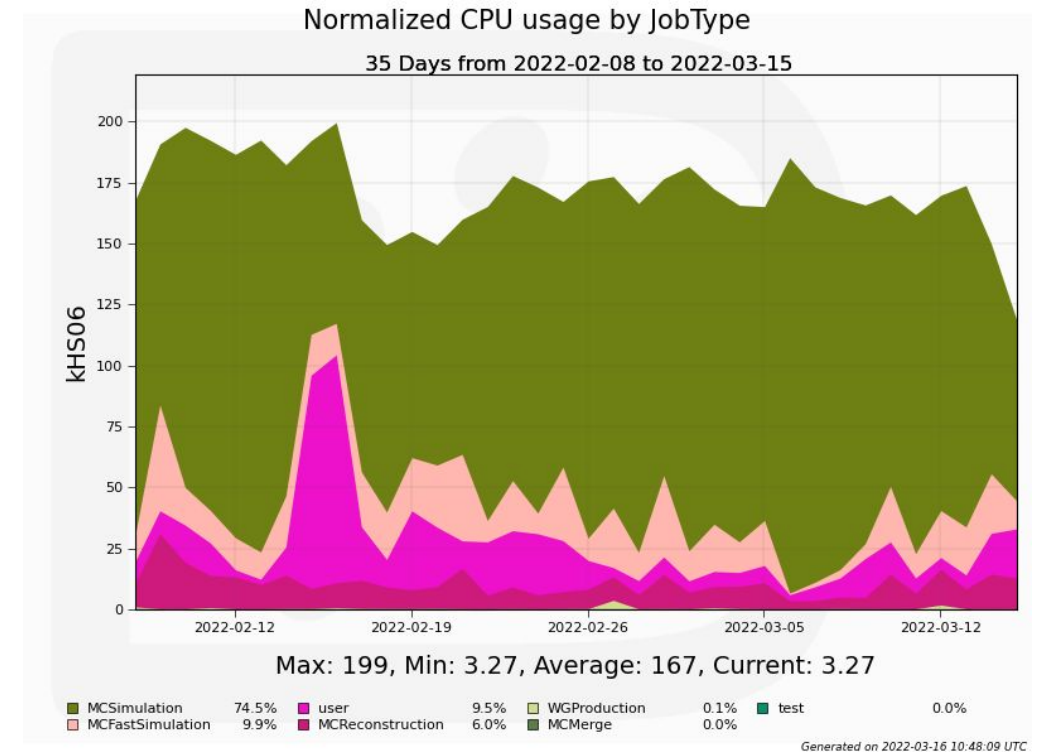
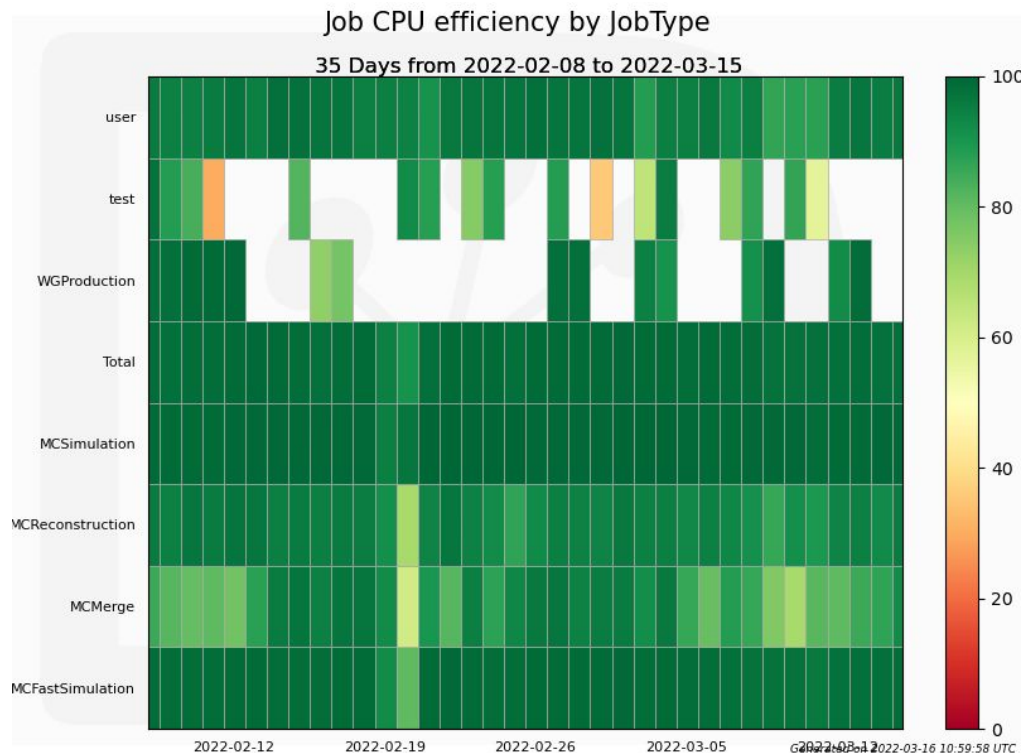


Report LHCb

Lucio Anderlini, Vincenzo Rega

Attività di LHCb al CNAF

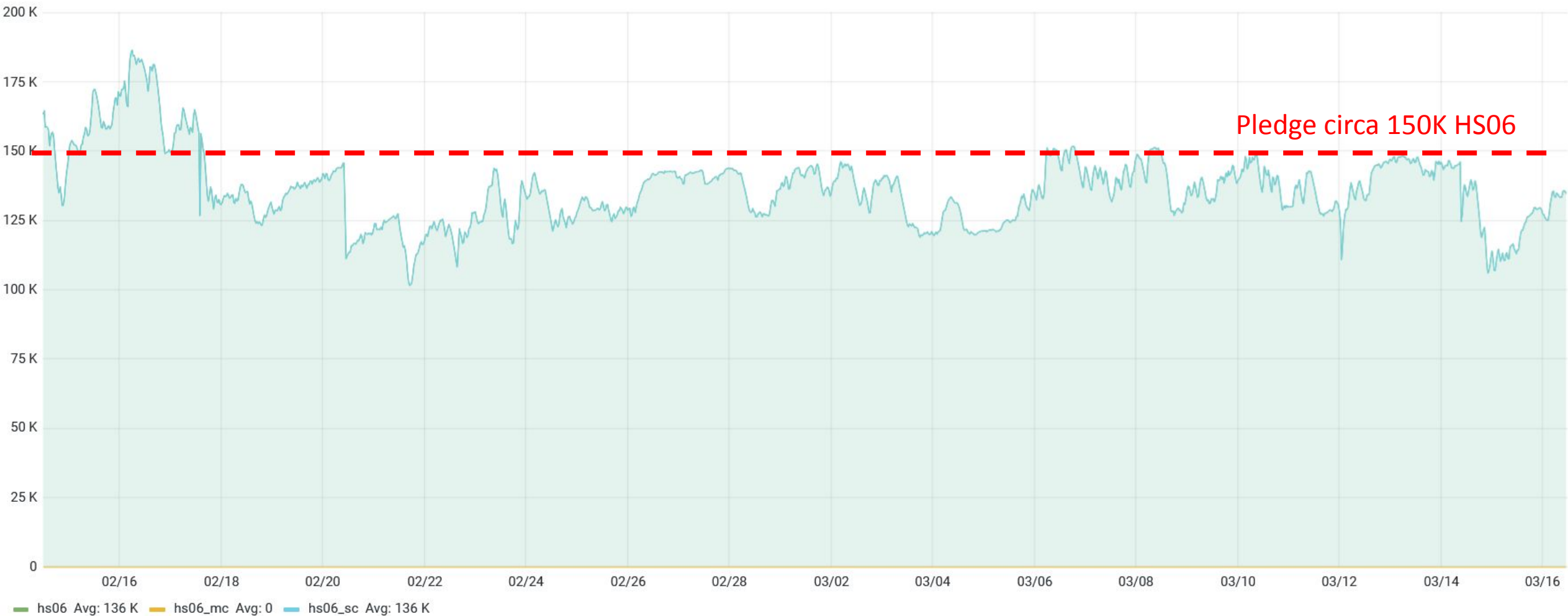
- Attività LHCb
 - Produzione MC Simulation dominanti e pochi job utente



- Efficienza
 - Complessivamente molto alta,
 - Job di merge (in percentuale, trascurabili) un po' più a rischio per intensa attività sul disco,

CPU Pledge

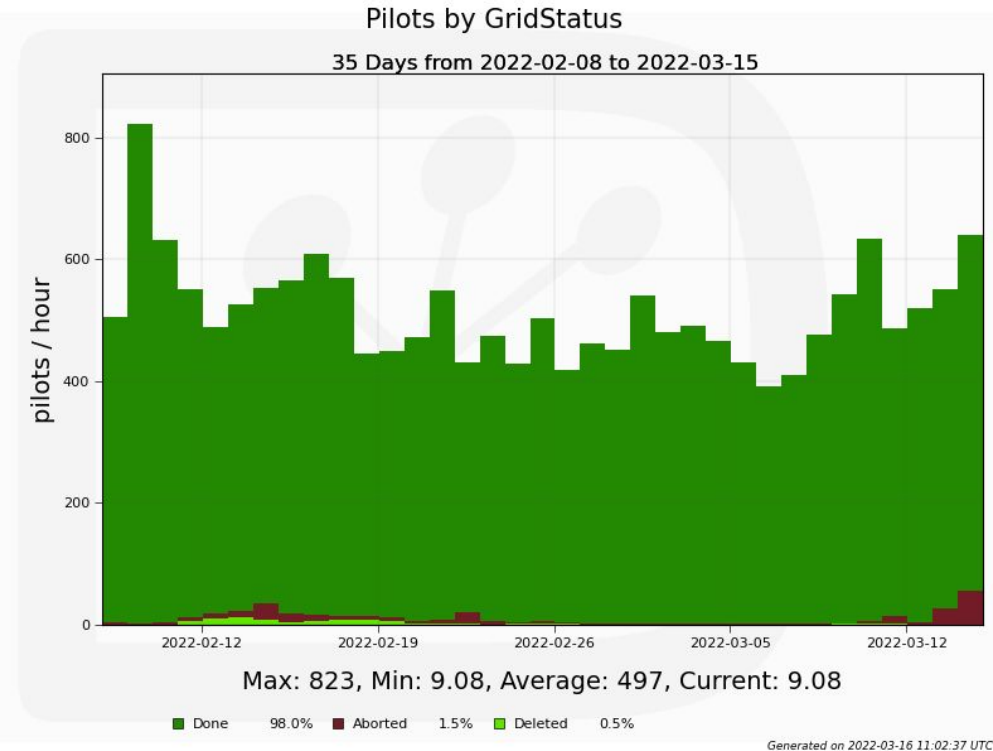
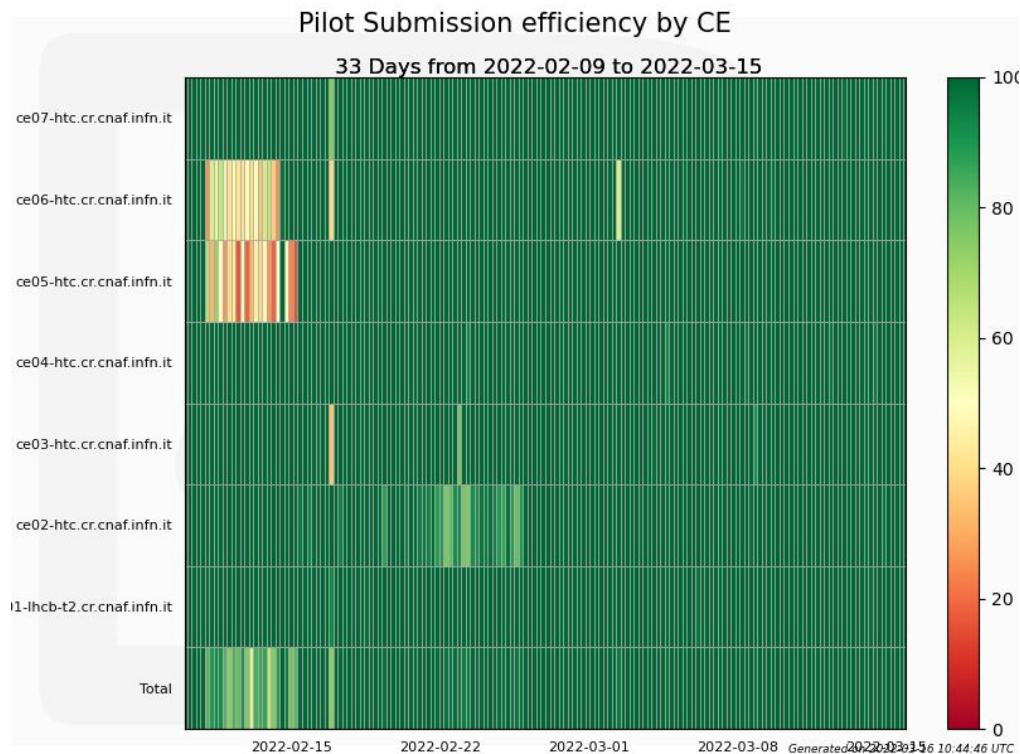
lhcb - HS06



Consiglio di Gestione CNAF – Bologna, 18 Marzo 2022

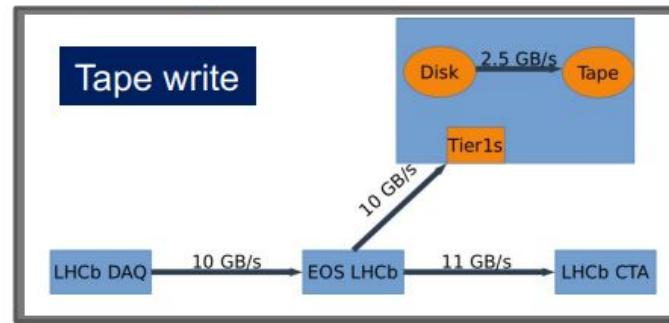
LHCb performance al CNAF

- Attività LHCb
 - Pochi problemi di pilot aborted



- Alcuni commenti
 - Problema su ce05 e ce06 dovuto a un problema storage subito risolto (ggus **155954**)

Tape challenge

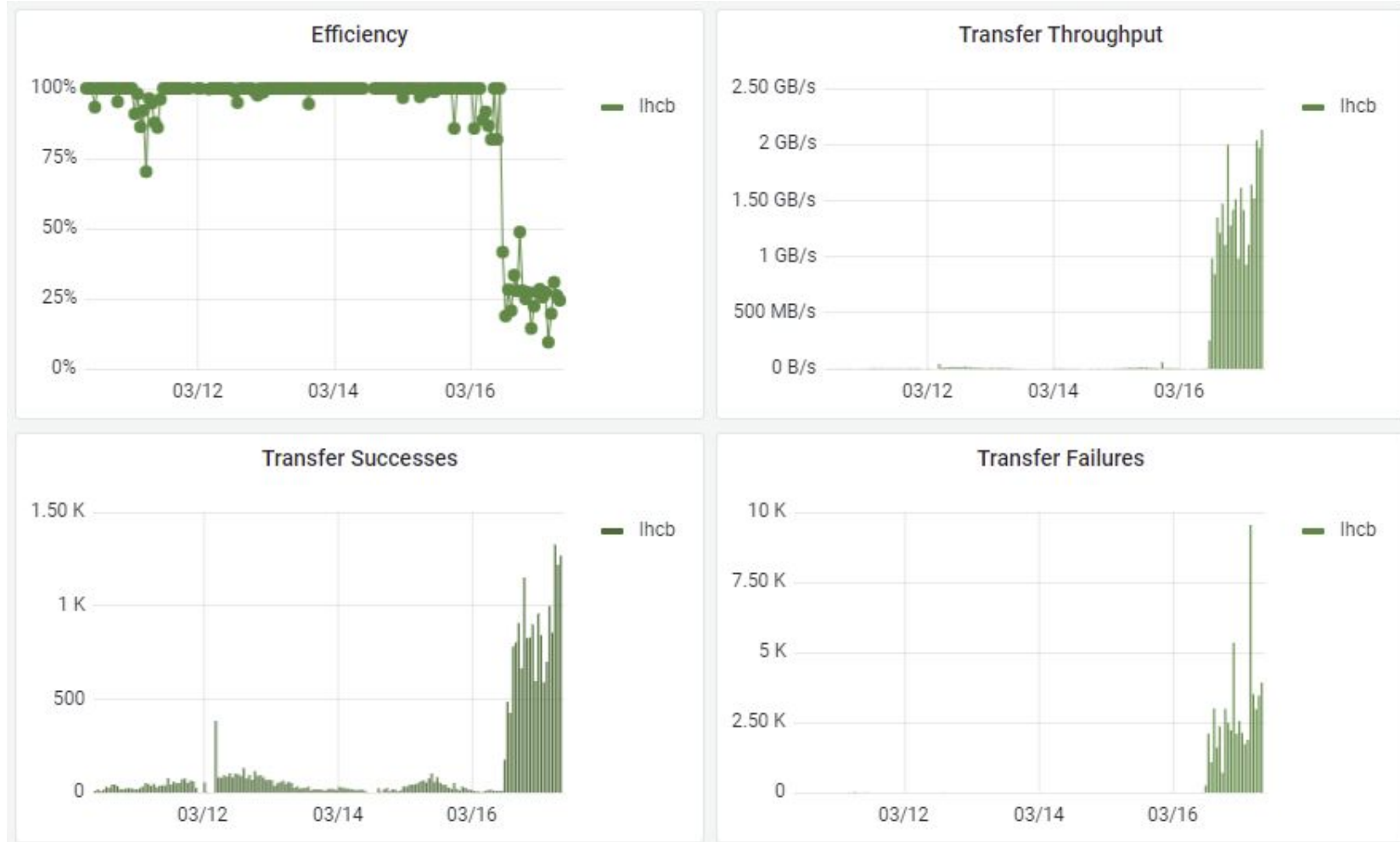


Started on March 16th

Data challenge bypassing WebDAV (October '21) was very successful.

With WebDAV, the target of 1.7 GB/s is achieved.

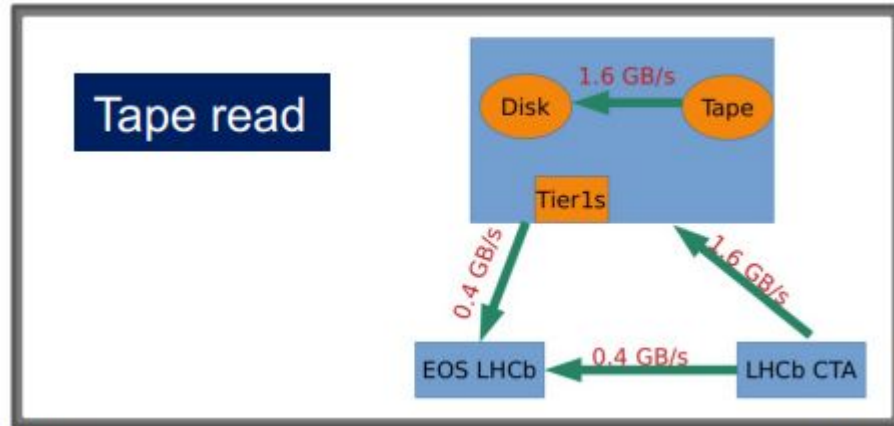
High failure rate is being observed and investigated to make storage more stable



Tape challenge

Reading Data Challenge is planned for next week.

Agreed cache clearing before the reading challenge.



To start on March 21st

Activity to support HPC@CINECA M100

Several analysis and ML use cases would benefit from GPU resources on the grid.

DIRAC currently supports submissions to NERSC and active development is ongoing to extend the support to M100.

DIRAC's approach is to treat CNAF and CINECA as separate CEs. As of today, CINECA's CE receives pilots but no job can be matched.