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Report LHCb

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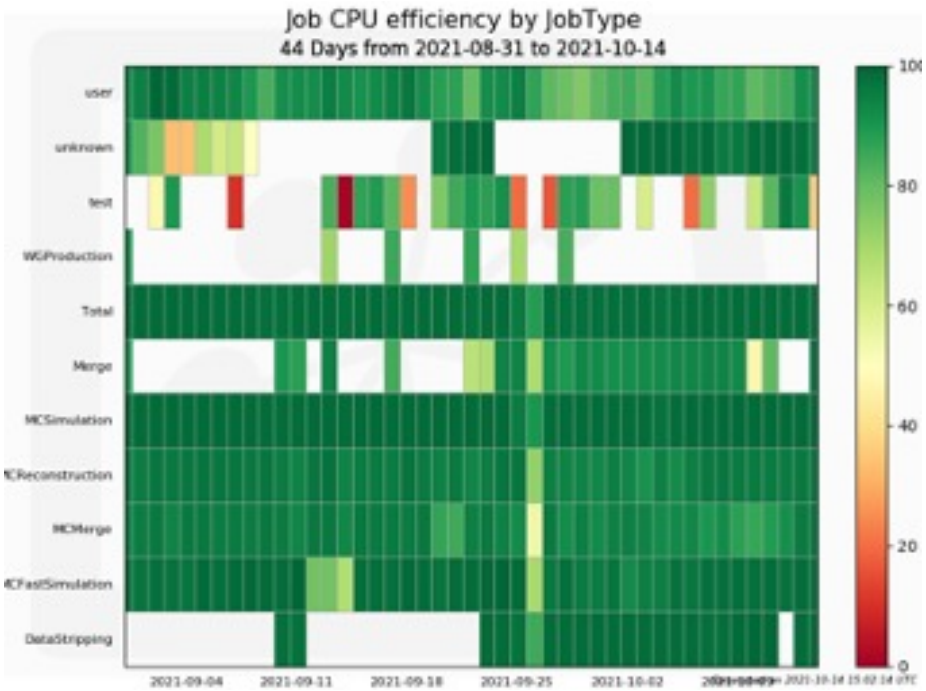
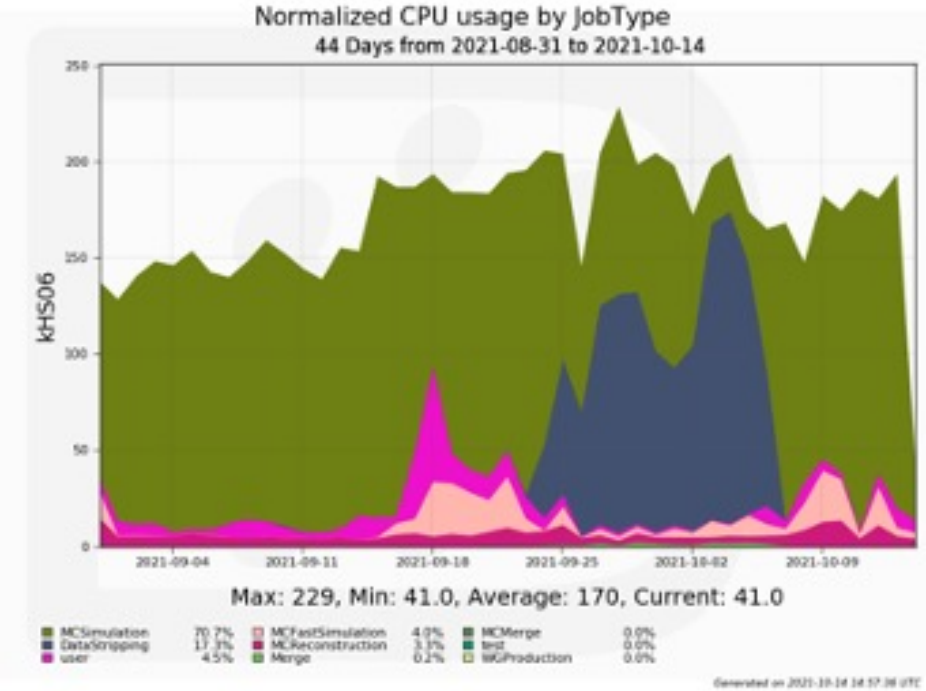
Consiglio di Gestione CNAF – Bologna, 15 Ottobre 2021

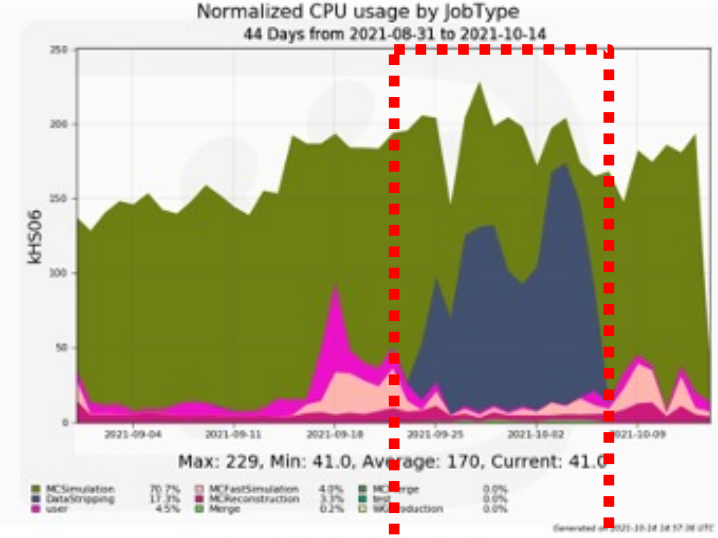
Attività di LHCb al CNAF

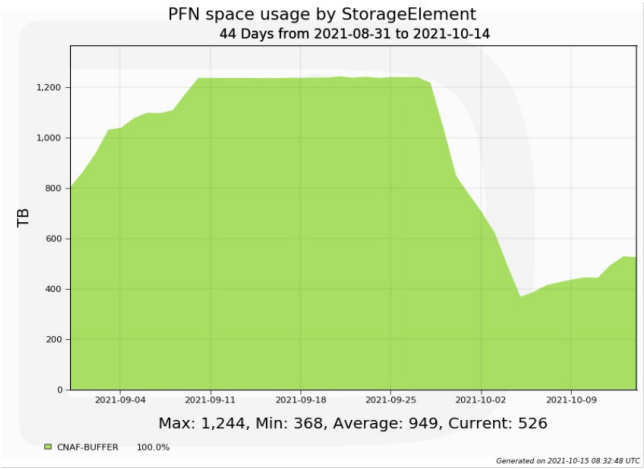
- Attività LHCb
  - In generale dominate da produzione MC
  - Campagna di reprocessing dati 2018 durante settembre
    - Nessun problema evidente riscontrato
    - I dati 2017 riprocessati in estate, dati 2015/2016 seguiranno a breve
  - Elevata efficienza
    - Solite categorie con efficienza leggermente più bassa (users → elevato I/O)

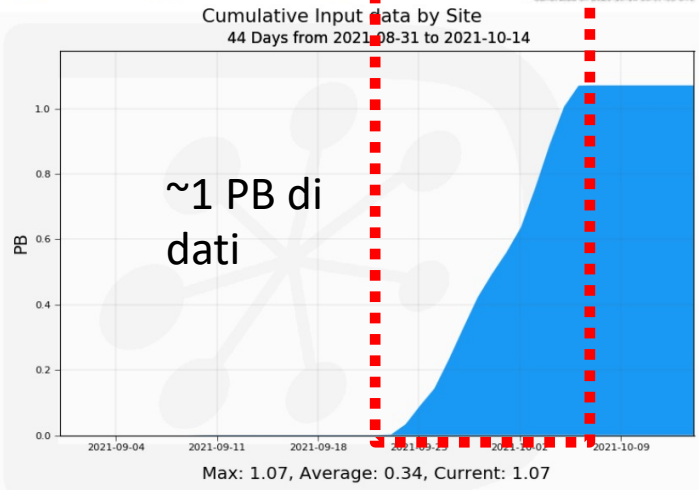




Reprocessing

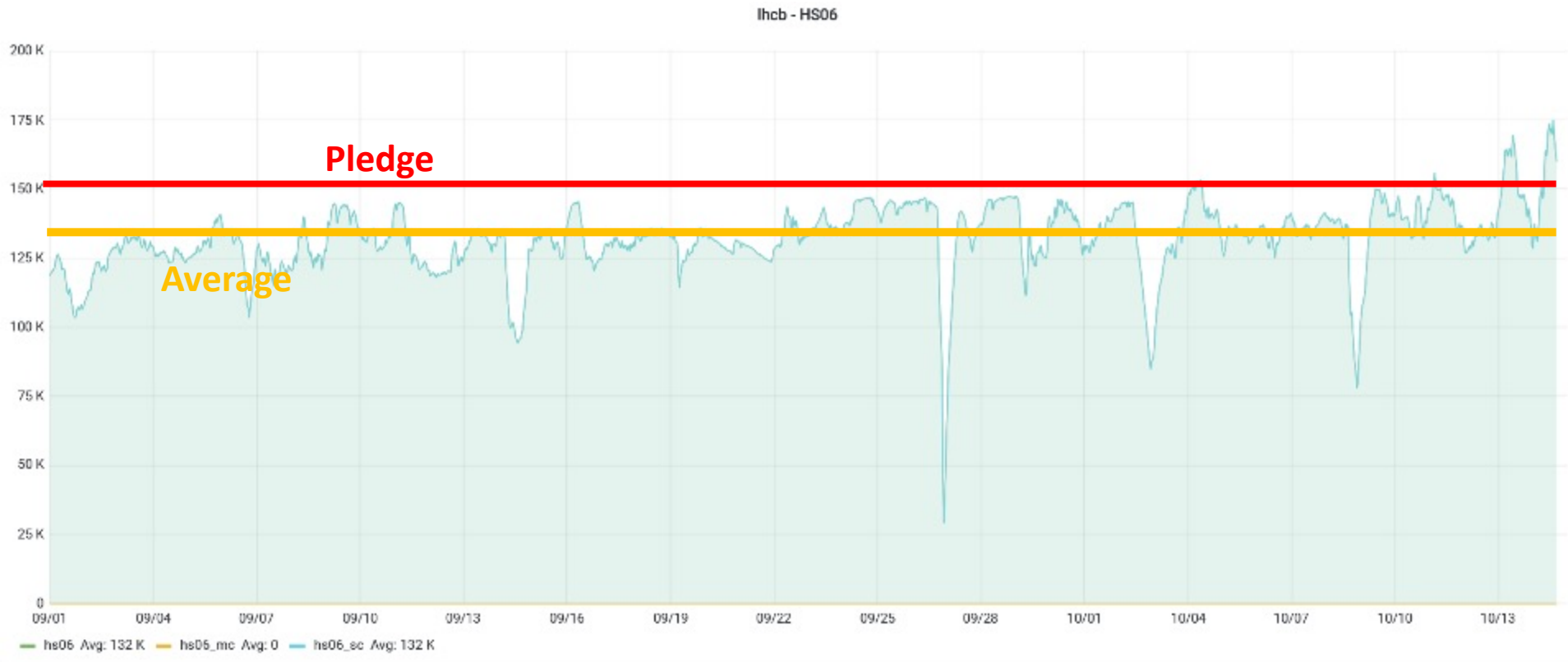






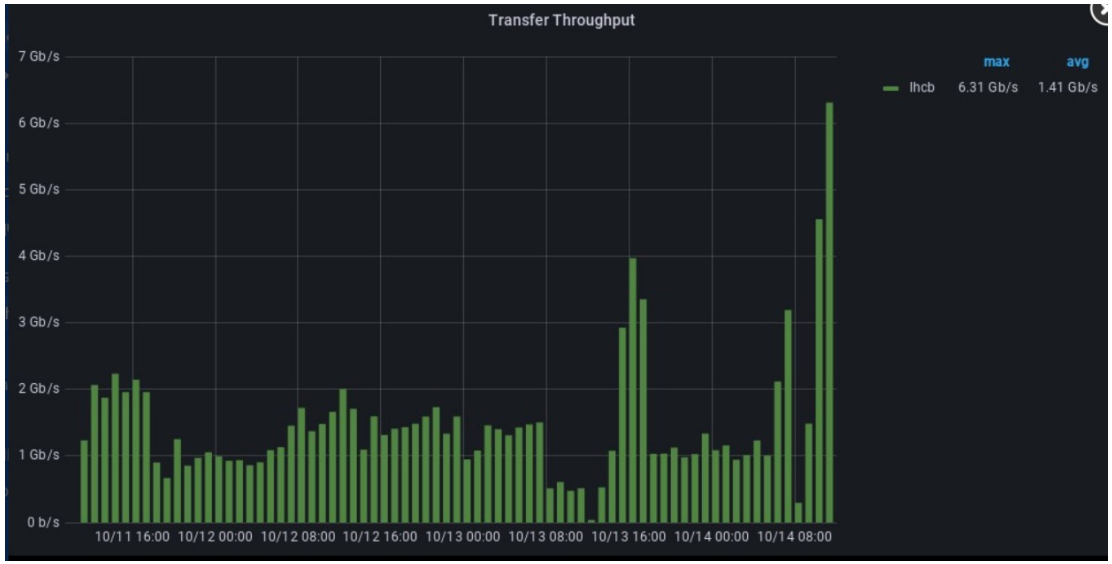
- Reprocessing dati 2018
  - Circa 1 PB di dati riprocessati
  - Dati richiamati da tape in anticipo e parcheggiati sul buffer

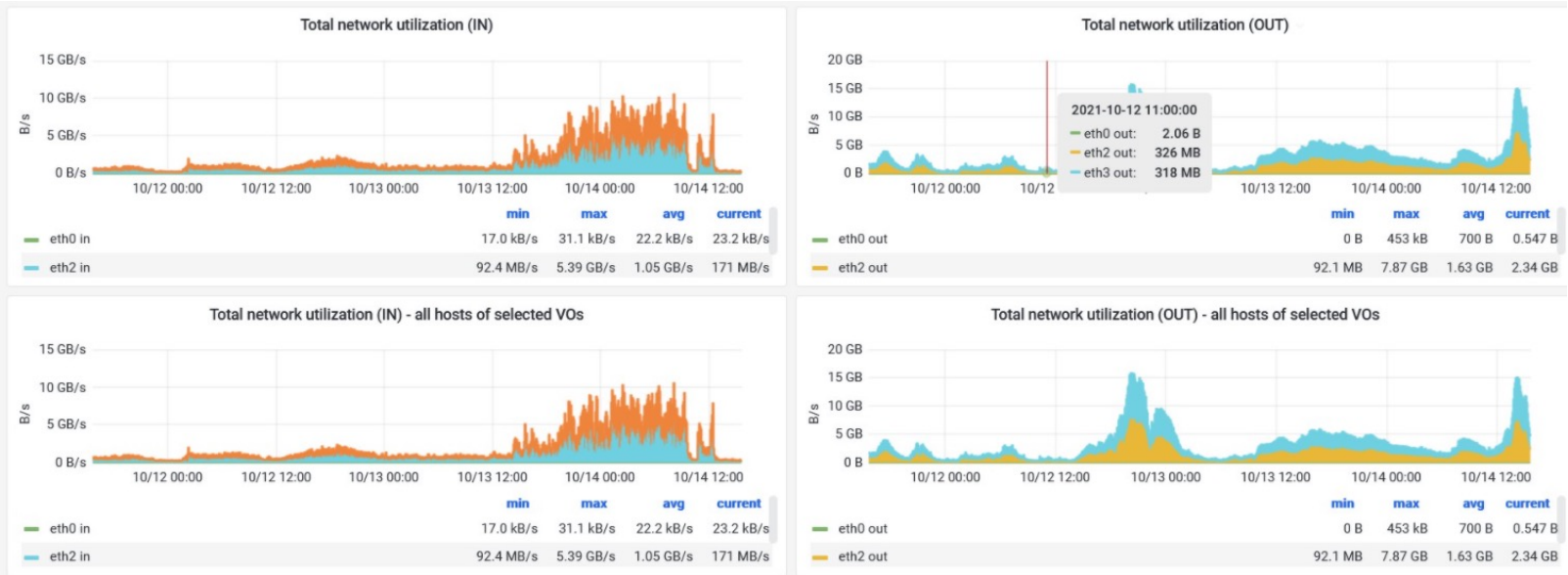
Situazione CPU



Sempre leggermente sotto pledge come il CNAF in generale

Stress test per i trasferimenti CNAF ←→ CERN



- Throughput osservato lato esperimento
  - Target = 2.24 GB/s
  - Osservato: 0.18 GB/s avg, 0.80 GB/s peak
- Problema non del cnaf
  - Limitazione hardware EOS e misconfiguration di FTS

Performances osservate al CNAF