

Bellell@CNAF

D. Lattanzio on behalf of User Support@CNAF
Belle Italian datacenter meeting - December 2024

Pledge

	2024			2025		
	CPU (HS06)	Disk (TB)	Tape (TB)	CPU (HS06)	Disk (TB)	Tape (TB)
BELLE	31000	1320	650	31000	1320	710

- ❖ 2024/25 Disk (and tape) pledge available by June24
- ❖ 2024/25 CPU pledge guaranteed
 - Farm shared with all the other T1 experiments
 - Automatic Overpledge usage possible
 - based on HTCondor fairshare algorithm

Services

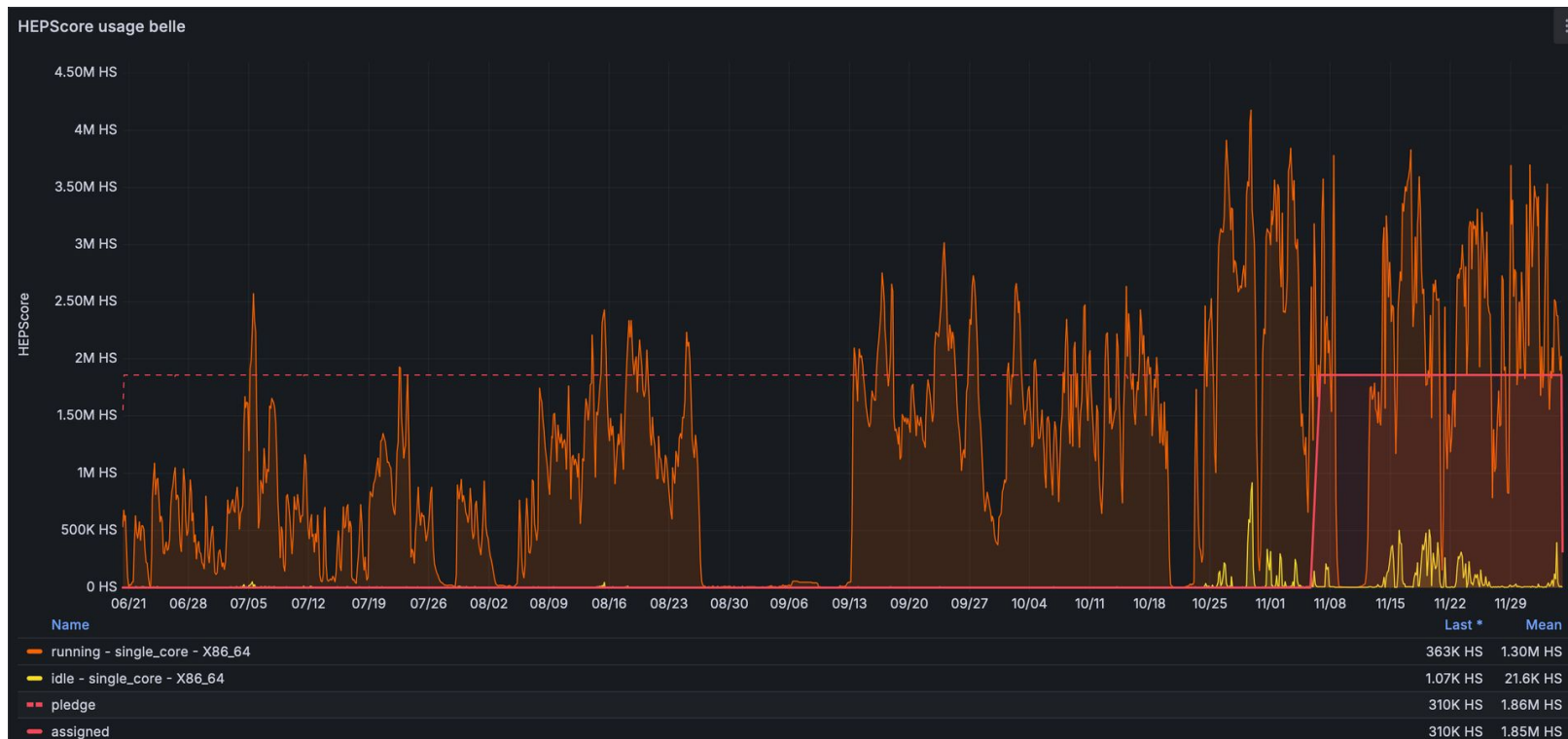
- ❖ 6 Shared Condor CEs → ce01-htc - ce06-htc
 - Farm worker nodes running HTCondor 24
 - All WNs upgraded to **AlmaLinux 9**: experiments not ready for the transition are still running by default inside a container CentOS 7 (this is the case for Belle II)
 - Grid job submission with **SSL** and **SCITOKEN**
- ❖ 1 StoRM endpoint: storm-fe-archive
- ❖ 3 StoRM WebDAV servers: xfer-archive
 - with both **VOMS** and **Indigo-IAM token** based authentication
- ❖ Belle II is no more using StoRM GridFTP (srm+gsiftp)

Services

- ❖ StoRM WebDAV & grid job submission with both **VOMS** and **Indigo-IAM token** based authentication
 - <https://iam-belle.cloud.cnaf.infn.it/>
 - <https://belle-auth.cc.kek.jp/>
 - Indigo-IAM token retrieved via oidc-agent tools
 - StoRM WebDAV SA permissions aligned for both proxy & token:
 - **davs://xfer-archive.cr.cnaf.infn.it:8443/belle**
 - writing for role production, read-only for others
 - **davs://xfer-archive.cr.cnaf.infn.it:8443/belle/DATA**
 - writing for role production, read-only for others
 - **davs://xfer-archive.cr.cnaf.infn.it:8443/belle/TMP**
 - r/w for all
 - Tape SA enabled with proxy:
 - **srm://storm-fe-archive.cr.cnaf.infn.it:8444/belle-tape**

Usage - CPU

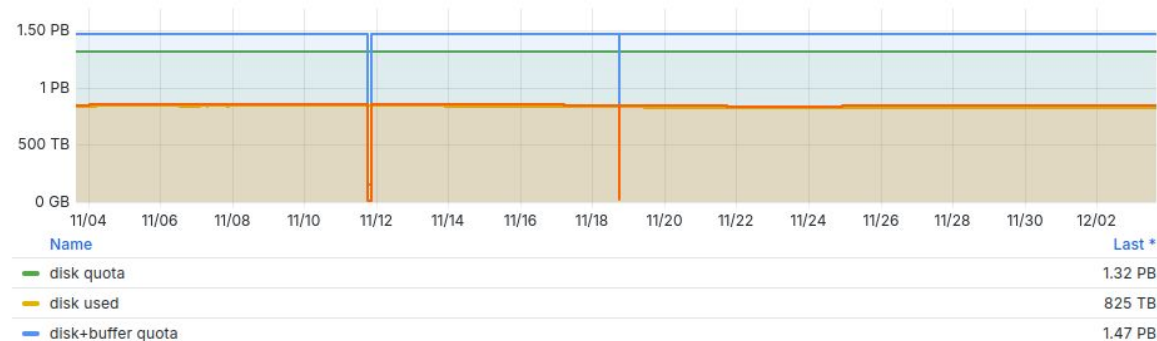
<https://t1metria.cr.cnaf.infn.it>



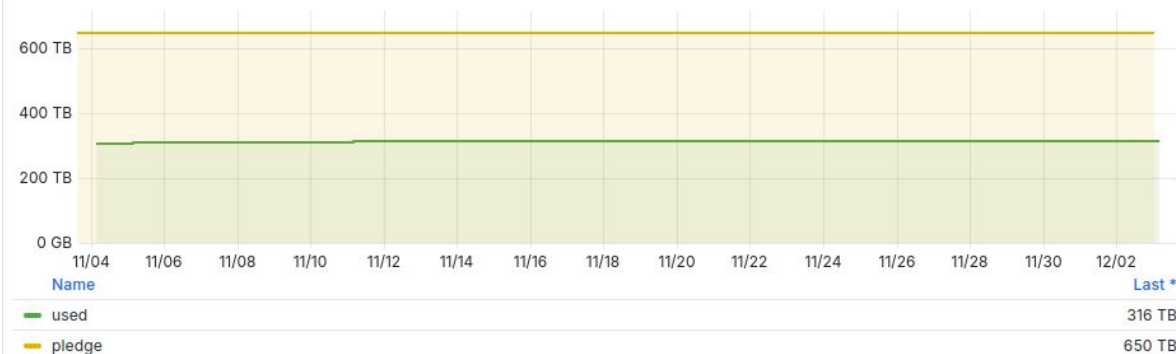
Usage - Disk & Tape

<https://t1metria.cr.cnaf.infn.it>

Disk usage Belle2



Tape usage Belle2



Getting Support

- ❖ GGUS Ticket
- ❖ user-support@lists.cnaf.infn.it
- ❖ <https://confluence.infn.it/display/TD/Tier1+-+Documentation>
- ❖ Monthly CdG - Comitato di Gestione: the 3rd Friday of the month