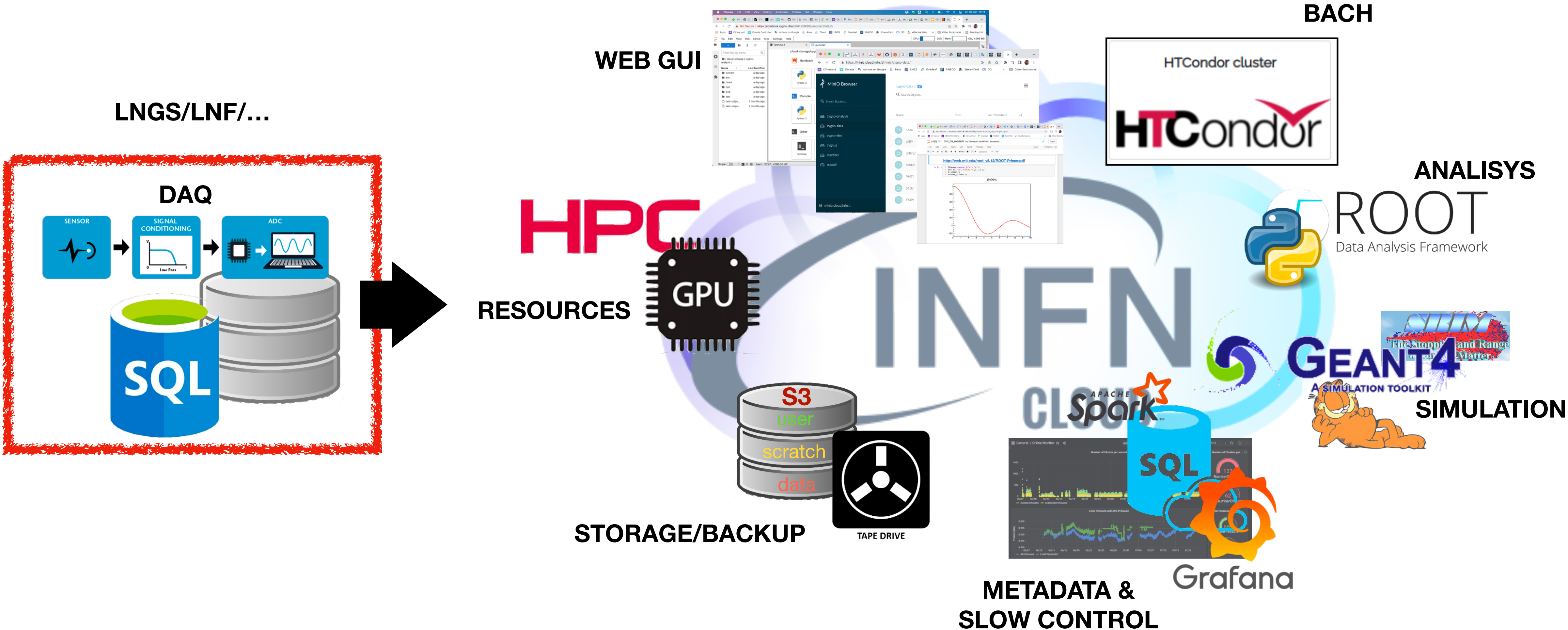


Design & Construction

- new gateway (services server) and network
- hall F clean up
- LIME shielding mounting test
- installation of fire/O2 monitor (LNGS services) —> Dec 22 before polyethylene base installation
- delivery of materials for LIME shielding assembly —> foreseen for Jan 23
- AmBe test... (transport, documentation: TDR+...)
- data taking....
- in the mean time LIME2/GIN

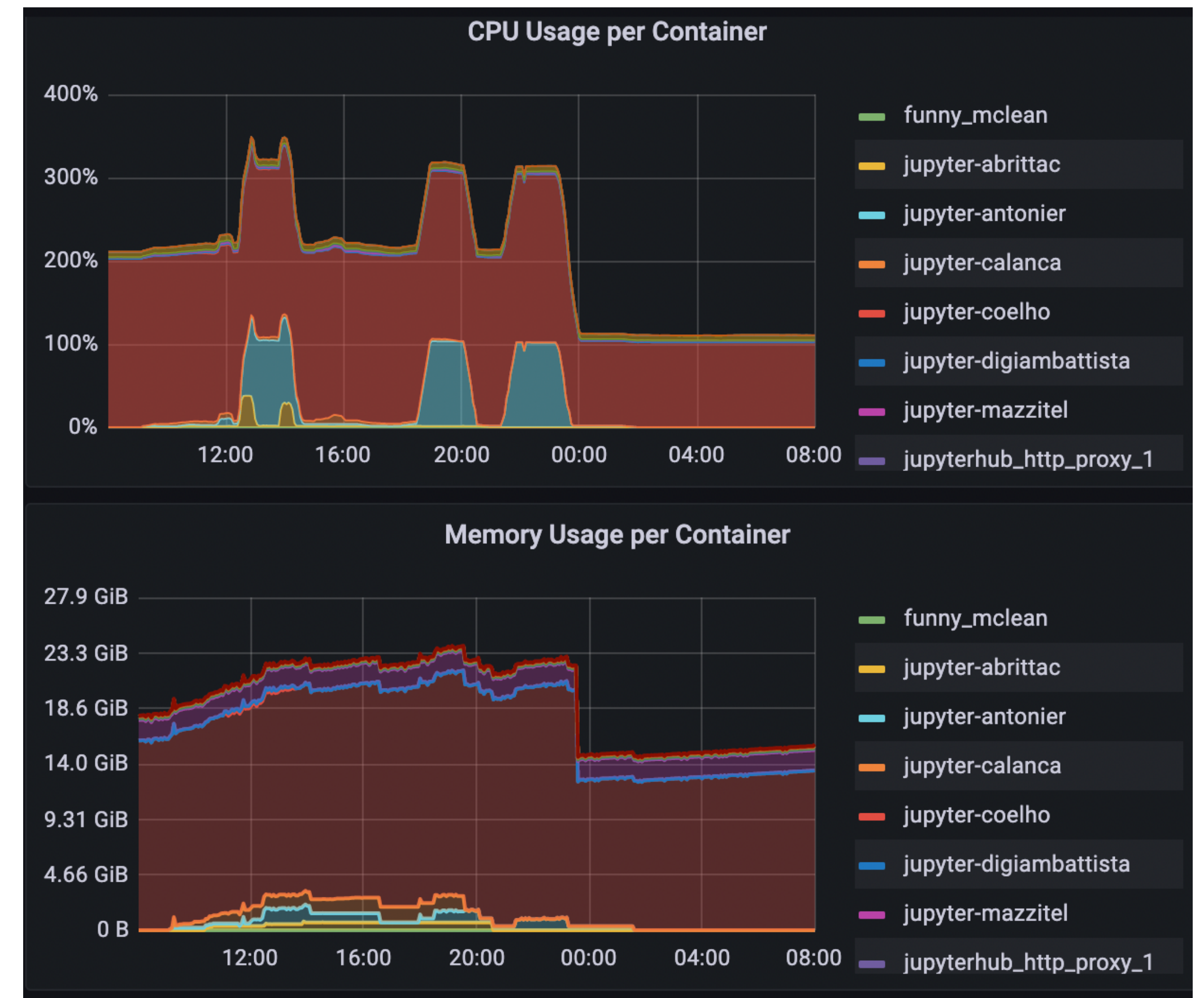


update computing services



today resources

- 1→ 2 production machine 16/32GB
- HTcondor batch (48 nodes)
- 32 GB GPU at ReCaS Bari under test to be integrate in online/batch resources
- storage/tape 50TB 2023
- metadata and middleware data quality monitor
- <https://github.com/CYGNUS-RD/cygno/blob/main/infrastructure.md>

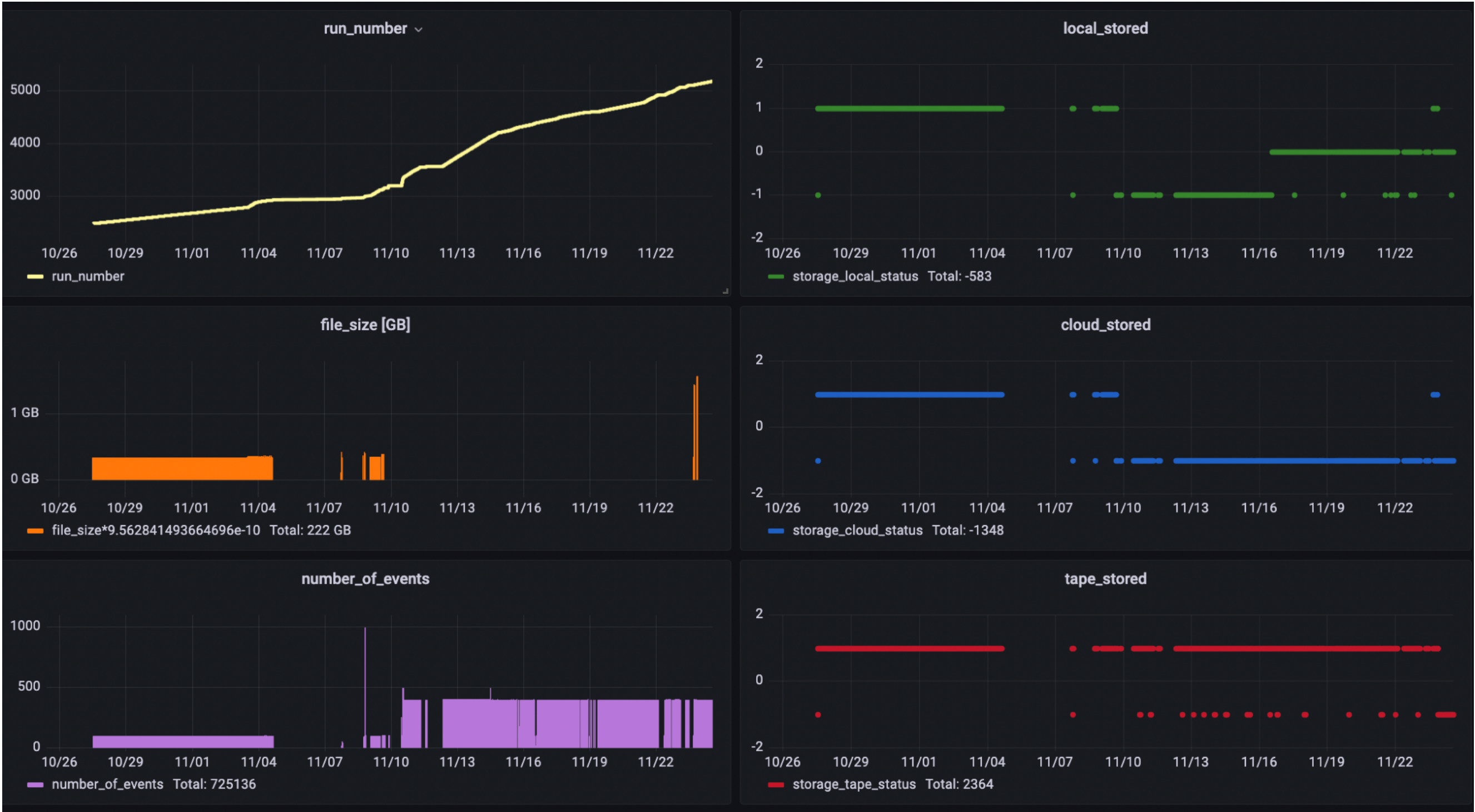


replica (middleware)

local/storage/tape temp setup waiting for FTS/RUCIO

- all cygno-data up to 14/11/22 where beck upped
- recheck and cloning going on
- scheduled process every hour
- upgrade of cygno lib v1.0.8 with sql and daq storage function
- cygno-lab v17: emacs, screen, uproot, pydot, tensorflow, opencv-python, graphviz
- cygno-sim/cygno-analysis in progress
- scheduled process every day
- removing tool
- sim/analysis —> DB for meta data and backup
- FTS/RUCIO on
- <https://github.com/CYGNUS-RD/middleware>
- 3 conference ISGC/IEEE and CHEP (submitted)

http://lnf.infn.it/~mazzitel/php/cygno_sql_query.php?table=on



<https://localhost:3000/d/y1CLsbO4z/run-info?orgId=1&refresh=10s&from=now-30d&to=now>

#events	local	cloud	tape	size	md5	TAG
0	1	1	1	454223776	5513994d274e88a57780f07bf896c2c4	LNGS
101	1	1	1	446140174	d3a07348011014ff10349a81121bb235	LNGS
1000	1	1	1	-1	7040e9956a1cc89d254a390eb9ec1870	LNGS