NUC

18.11.2025

Kemp Yves, Beyer Christoph, Dietrich Stefan, Voss Christian
DESY HH

HELMHOLTZ RESEARCH FOR GRAND CHALLENGES

DESY.

NAF special incidents since last NUC

Nothing we are aware of

NAF configuration/setup changes

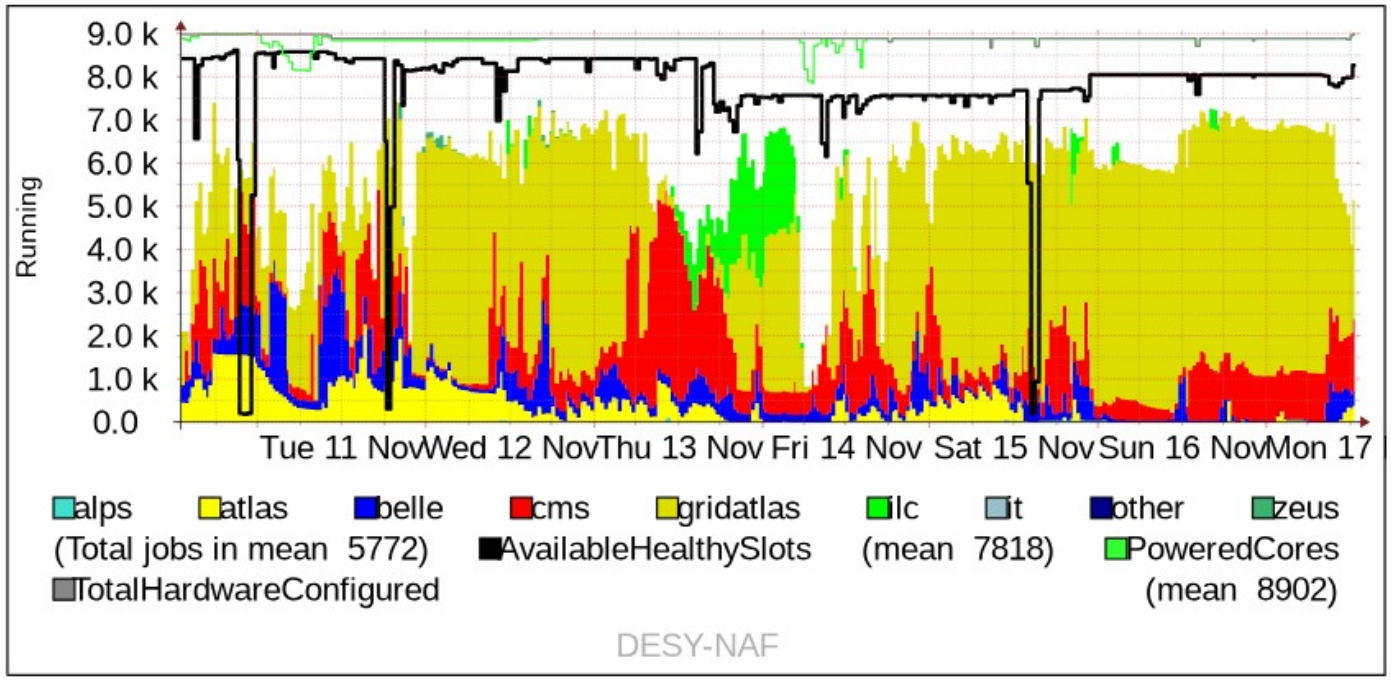
HTCondor upgrade

- The NAF pool is due to be updated to the next major stable release by the end of the year
- Amongst others some security issues and interesting new features
- Aiming for LTS release 25.0.3 at the moment
- First tests for a ‘rolling’ upgrade promising
- Will update workers silently in the background
- Later short downtimes for scheds on VO base

NAF configuration/setup changes

Atlas backfill jobs

- Managed to get ATLAS grid jobs as a backfill for unused ressources
- Currently 32 cores 5120 MB jobs with < 1h runtime
- Will fine tune the backfill with the new HTC version roll-out
- Currently works against power-saving measures through load-adapted draining
  - Further work needed and planned
- Accounting to DESY-HH Grid to come



DUST Status

Snapshots possible

- By-product of the DUST consolidation
- Once per day, up to seven snapshots
- NO BACKUP! Only protect against some user errors!
- Documentation missing, if done, will announce it

dCache Status

Upgrade for ATLAS, CMS, Belle II and smaller experiments – Timeline & Procedure

- Increased the Belle II User area in two burst to 1.3PB (Plot kommt noch)
- Short Downtime on 24th of October at 6am to 6:15am to installed a patched pool release to help understanding issue with flushes to tape affecting all NAF user groups

Miscellaneous

Office Hours & workshop

Office Hours

- First ‘office hours’ tomorrow on zoom (see announcement on user-list)
- Would be helpful if some ‘experiment-experts’ could join
- The intention is to create kind of a forum as a starting point for users with individual questions
- Keep the third Wednesday of the month (14:00-15:00) as a fixed date for this and see how it develops

Beginners workshop for sustainable computing

- Well received but very few of the registered participants showed up
- No summary as of yet by the organizers