WURM, 08-09-2025 13:00 CEST Strategy + μURMng Marjolein's office

Present: Bob, Aard, Des, Mark, Paul, Marjolein
Despite strategy WURM, do quick normal round first.

WURMng part

Mark: SFXC Workshop preparations: cluster seems in good shape —
accounts, s/w, tools OK [let's AOB on Workshop details]; work on
upcoming EHT 2021 Data Release document; RADIOBLOCKS meetings.

Bob: repeated e-transfer from NRAO w/o disk read and write = same
speed; DOIs: production website moved to non-user account; Ir e-
shipping has problem, manually scp'ed but HDD I/O errors, just one
missing chunk; Ir alerted about failing disk. Attempted to follow
TOG online; discussion on DBBC3 relevant for e-VLBI: which resets
are possible. Added MeerKAT to Northstar.

Paul: backups are currently broken, under investigation. An IPMI
switch broke (new one ordered). USB-3 HDD dock ordered. 4x Mellanox
ConnectX4 arrived. RachelO (?) visiting (radio stars person). GPU
server: what about support? [Option: 4x mem slots, or two more
NVMe's?]

Aard: prep vex script now handles KVN, VLBA ok. JupyterHub
publisched Acceptable Use Policy and added checkbox upon registry to
accept. EVN Monitor — something happened last week (... maybe at the
TOG ...) sudden number of requests (Mh, Ys). SFXC Workshop
preparations.

Des: SFXC Workshop preparations. LOFAR long baselines: ran fringefit
on data, debriefed HenrikE, attended LOFAR LBA telecon, wait until
TammoJD back. VIPER meeting, RADPS work — now know how to do PR from
~1yr ago: developer wants to use caltable code.

Marjolein: At the TOG put EVN Monitor up for discussion to
decommission — the present people expressed a wish not to do that.
Got ageing disk pool discussion feedback: in ~10 years time still
want to operate like this? Use disk / tape for intermediate term (<=
10 yr), forward looking to higher data only sensible option e-VLBI?

Strategy part

#1074 Cost-benefit tape solution. Aiming for 10PB:
        Quote Spectra cube: ~320k€
        Quantum I6: 205k€ [5yr support, 600 tapes out of 900
                    unit already quite full
        Quantum I7: 250k€ [2016 slots]
        All solutions need 2x new EEE front nodes
                i.e. 2x 30k€
        cf FlexBuff 10 PB = 460k€ / 5yr

#1080 New normalisation scheme
        Aard: data is available

#1081 Alt weighting scheme in fringefit
        Des: next step is known
        won't happen before SFXC Workshop

#1102 Centralised identity service
        Bob: no progress
        Aard: newer Keycloak better, consider upgrading

#1118 Archive script
        #1214   @Des: still open
        #1119   Bob: ongoing, w/ some progress

#1204 Database situation
        db0=>db1 migration ready to go
        plan date after workshops

#1212 Update HOPS document
        Des: Zenodo upload and integration into
        RADIOBLOCKS community pending

#1213 Interferometry outreach enhancement
        IoannaK: version on iPad, using camera to take img
        of telescopes for u,v-coverage;
        new SuppSci FlorianE is author

#1226 Move test cluster to sfxc-[ij]
        done

#1232 Set up machine for LLM
        done; even RAG framework installed, did
        not work out of the box, no-one time to follow up

#1236 Batch processing of correlator jobs
        Mark: automatically augmenting ranks file done
        have SLURM + MPI done for workshop

#1254 ACK external funding
        EVN-VO subticket still open:
        Mark wants to get real EU logo in

AOB

Mark: when GPU hardware ordered, have subticket on install/config.
Aard: need sfxc doc long-term plan

[Marjolein raises discussion on INFRATECH topics, some ideas
discussed, but will have to adapt to where RadioNet wants to go]

/SFXC Workshop LOC following

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SFXC Workshop
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– six cancellations (out of nineteen)
– need directions map to Hof v Dwingeloo for workshop dinner
  [action: Marjo]
– check flight arrangements Jack
  [action Mark]
– Mark will be on holiday until start of workshop,
  but will check Mattermost for urgencies
– FranzK: has tutorial on JackR's website
– Mark: show SLURM use, but not limit on jobsize
  tell participants to be responsible adults
– Mattermost team for the workshop?
  [Yes, action Marjo]
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