

WURM 09-03-2026 WURMng Oort room

Des: at Lausanne RADIOBLOCKS WP5 f2f 2 wk ago: collaborating, lots of tasks. Fringefit global stage Daskfied. Wed CASA mtng discussion re cal table format: xradio task, single point of "truth" (using Python DataClasses schema) then refactor after remodelling.

Bob: Ef conn broken, after return ftp prob; ufw settings deleted after reboot? (fixed). Recorded VLBI recorrelated, manual VEX file edit caused VDIF param section wrong. SCHED updates incorporated. Log parsing updates: disk media section when fb is used takes VSN w/ empty size/rate, passed on empty on command line, causing option value to be next option keyword, cmd line parsing was broken (why many years working?) @VLOPS: want to use evn-monitor clock data, this is Py3 code. NRAO e-transfer tests: started etd for testing. POLARIS: mgmt area misses a lot of stuff; API defined but not GUI, some not even API; session allocation: some GUI w/o API (how much do we need or want this?). Lazy initialisation error(s), some fixed, not 100% how this happens; Wybren created VM for PlanObs (test, integrated w/ POLARIS); checked immediate submission (To0); security? no security - users have role per proposal → may need per proposal groups for fine-grained access control: may need to (manually?) create ~100 groups / year (one per experiment).

Aard: eduGAIN misuse → how to detect? Checked systems open source or commercial CVE filters (investigate); made Keycloak admin page inaccessible from outside (auth url) in nginx. New accounts must be approved: created new workflow post-login, lots of (manual) work (incl theme) modernising, some errors. Pulsar binning on GPU corr? Not inside corr. BenitoM: plots of evn-monitor outside webgui? Wybren pointed at Zabbix module to query data; delivers numpy data! Space Array: mtng last Fri., included LeonidG.

Wybren: gpu0 DOCA ofed drivers gave probs, NVIDIA drivers broken → removed/clean start, fixed w/ Mark, now one vsn newer. Test PlanObs VM built. Want to switch prod sfxc-l node to Trixie, two libs from book worm iso trixie. Rsyslog set up, TLS only, no cert check, i.e. all hosts can send from internal networks. ftp server ufw settings? Seemed to be overwritten by upgrade? (we had backups). Set up monitoring of the config file. For ZsoltP: ICT contact re visitor PCs. Want to upgrade CCS (css-gamma, has PyQt verified).

Paul: new marcopolo arriving this week, discussed w/ Giuseppe migration plan, external root etc? iperf tests w/ NRAO ongoing. Archive/EEE2 → aipsgrp moved to LDAP. There will be network outage this Fri., negotiating w/ ICT: 20 March SURFnet equipment will be moved to other rack w/o redundancy → expect downtime. EB120B observed w/ Ef(!). VLOPS: T6 pkt loss? No, fixed or so. BobE: got efranster 200 Mbps from Sh, asked "can upgrade?" (MartinL) → now 2 Gbps. Python: conda pyjobs on EEE2; PolCvt not in this one → now 2nd conda. w/ BenitoM: mailman → self moderation setting(s) changed, test fix next week. Note: ICT sais mailman migration to v3 pending, will have impact on all our mailing lists.

Mark: "bug" fixed in GPU corr → baseline order on TCC changed; now matches sfxc output. RDMA to gpu _seemed_ to work, but did not arrive; fixed by disabling IOMMU completely. JohnR: RTX 4000PRO BAR not bigger? Checked, together w/ Wybren found that BIOS + driver option can work and NIC now sees full GPU mem! GPU cor can now do all subbands, but only 16 Ch in VDIF; code can now handle 32 ch, but unpacking 32 ch data slower than expected, but also bottleneck at lower speeds: built new unpacker into sfxc: disk read now limit, need to look into that. Edited power measurement permissions to benchmark unpackers. At Mh: compact array of four dishes, looking at hand-me down V100 Tesla GPUs viable? Verified on local V100s (DAS6 cluster) that those "old" GPUs can still be useful.