

WURM, 19-08-2024 13:00 CEST WURMng Marjo's office

Present: Paul, Bob, Des, Wybren, Marjolein

Plenary announcements: ACME will start in a few weeks, Marjo will sit with Aukelien to decide on writing hours; could impact Paul and/or Wybren and/or Bob. End of ORP-PILOT is getting in sight (Feb 2025), few things remaining.

Paul: Wybren seems to have done a commit-and-run; ended up with 10+k mails in root's inbox on Mon morning after Wyb leaving, issue fixed [Wybren: will mention it later]. Going over reboot+patch list, run into evn-monitor: patches broke the installation completely, took whole day to fix. Unexpected power outage 6 Aug 2024, resulting into several days work to bring /all/ machines back online: three sfxc nodes #FAIL b/c CMOS backup battery gone - will have to replace all 40+ soon, EEE lost root nvme - tried fixing, ordered new one, but after while found ticket that said that few reboots might fix, similar happened before so now we have a spare nvme; new archive had network config issue: external network would not come up so machine not reachable from outside. New EEE arrived, put in middle rack, installed O/S, connected to network. Trantor ticket closed: all backups checked to work and limited amount of snapshots remain. fb1 rootdisk gone, dead SATA-DOM; after installing a new one immediately upgraded to Debian Bookworm - easy job through Ansible. Found oldest VM = map.jive.eu, entered upgrade path and now stuck at FastCGI + Py3 #FAIL. archive2 migration: running successful for a while now, production seems to work; left to do: h/w migration from zombie-jbod to archive2 and switching off - need to do that together with sci.ops. MTU issue still ongoing, not 100% fixed. DAT tape conversion is *done*!!

Bob: mail contact with JayB re NRAO SCHED and VEX2 plans: datastreams + "extensions" (self-defined sections, not unlike VDI extensions: need to register + define a section layout); MarkK ususally merges NRAO SCHED from their svn into our git: does not work anymore - code migrated to a NRAO gitlab instance, in process of getting access; JayB would like updates to catalogs, checked w/ BobC and is ok to share. ASTRON's svn server's gone away, migrated NorthStar and UNIBOARD_FP7 code bases, and changed+tested NorthStar build to use that one, signalled MikeS that svn.astron.nl can go. (Re)Started some ORP work: LCO team had put in OAuth2 workflows in base system, need to start using that and do error handling; code now very optimistic. FastCGI/Py3 #FAIL for map.jive.eu [discussion: probably best option is to go with Flask, given that we already have gained experience building several web-apps with it].

Des: working on ngCASA/RADPS/wosname calibration table model, got invited for calibration team meeting @Socorro, NM in Sept (Jones matrix computation and application in new framework). PolConvert: it consists of three steps, first two reimplemented steps now produce same results/output, work on third ongoing.

Wybren: re the commit-and-run, somehow permissions in/on sudo file not set correctly. Scheduling upgrade of evn-monitor Zabbix install from "4" to "7", also want to upgrade internal Zabbix installation for our own monitoring; fixed some small issues in the Zabbix setup.

Marjolein: VLBI w/ MeerKAT outlook better than expected, conversion to VDIF now faster than real-time b/c of port to GPU. Working on ORP-PILOT deliverable this week. Collaboration with UPretoria/ JohnMcK re widefield VLBI; exporting baseband data issue can really only be fixed if RFI taken out before conversion to two-bit VLBI data.