

WURM, 19-09-2022 13:00 ZWURM (Muller room)

Present Paul, Wybren, Ilse, Aard, Bob, Des, Marjolein

Paul: user committee meeting last week, things are a bit different now that there's an ICT coordinator; improvement achieved: link rewriting switched off for JIVE domain, i.e. redmine ticket URLs are now back to normal. Powered down cl[01] on Mon evening, interesting side effect: on Sun show MotW to visitor = didn't work? Root cause (w/ BobE) found: db0 time off by 10-15s, db0 ntp config pointed at cl[01] for time; tonight emergency maintenance on db0 to fix before e-VLBI, will check other machines too. Helped Des w/ Mattermost. New Fabric laptop arrived!

Wybren: AUTOMATED SCRUBS ARE WORK! Three disks reported broken, replaced immediately; Martin will test before sending them in since HDDs not "dead" yet. Sync of NFS home dirs switched on for users not working on old + new system simultaneously. Working on k-nodes; Ansible IPMI rule in progress. Investigating iptables/nftables (=next vsn of iptables): need list of s/w or ports that are being used [Paul: in progress, bit probably implement filtering on switches/routers]. Got an OTP key from ICT, seems to work OK cross platform.

Ilse: was ill most of last week, tried to work = not good combination. NRAO SRP >90% done, wrapping up; ADASS talk abstract submitted by BjornE (@me will be co-auth, but reg already closed, will ask ADASS LOC); CASA VLBI paper: got link in mail which is internal Drupal link, managed to d/l version - but is all weird. ERIS last minute fixes to notebook; together w/ Aard accounts on JupyterHub; ZsoltP has probs with VM, tried Vagrant on Intel = Just Fine, M1 Macs still problematic; brushing up lecture.

Aard: working on VMs for ERIS, have arm64 img w/ Qemu but is 25 GB; Gabor0 to test. Feature request received: primary beam corr in CASA, currently in Python so would naturally flow into CASA's Python stuff [Des: preferred way is to get it packaged with CASA, maybe a separate task] - need to figure out how some s/w now adds to MS and if that's OK or should be done differently. BobE report: ccs mkdir probs also from out.sfxc to ccs; found 250 occurrences of ssh keyexchange #FAIL when starting orte in logs, does not seem to correlate w/ reported crashes [BobE: implemented workaround: retry + wait > 5s: still need several retries] [Paul: maybe ssh not enough entropy?] Also NFS _sometimes_ disappears but very rare and not at same time as reported crash. SFXC paper: tying up loose end phased array weighting, after working through lot of math found it's a section in TMS, now refer to that; will invite co-authors today.

Bob: investigating ssh probs; Py2=>Py3 migration means Py3 + Qt + Qwt = new Ubuntu necessary, time for *another* ccsbeta ... MotW bugreport from Paul: insert into db0 "NOW(), NOW()+10s" when checked against "NOW()" on other machine always .FALSE. b/c time on db0 off by > 10s. Working on archive website, finding that HTML=yuk and CSS is yuk as well.

Des: succesfully demonstrated Mattermost interactive form w/ > five elements (docs say: at most five supported - it's not .TRUE.), now need to discuss w/ BenitoM/operations group but ERIS = NOW() so EUNAVAIL. Work on PapersDB: done, now waiting for ZsoltP to finish ERIS. Closure phases: investigating why EHT imaging doing bad on own dataset. Plotting closure phases: tried dask-ms but turns out that it doesn't do anything, only rowindexing, now investigating CGI, which does do something. [Marjo: have Py2 script that computes + plots closure phases - from the UniBoard days]