hZWURM, 23-09-2024 13:00 Hybrid WURMng Marjo's office + JIVE
ZoomRoom #1

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

[Marjolein:] Apologies for the setup w/ MeetingOWL + laptop-on-box:
all A/V equipped meeting rooms already taken. ACME is now really
started, after a kick-off meeting in Paris. Thanks to all of you who
joined the MeerKAT e-shipping meeting that was organised on very
short term (~24hr) last Friday - it's important to show our support:
many people are eagerly awaiting MeerKAT-VLBI.

Wybren: Zabbix upgrades ongoing and mostly successful; evn-monitor
gives warnings in log on double entries (previously reported issue
@Zabbix, ticket was closed, created a new one), does not seem to
impact functionality so far; attempted migration to Postgres but
that #FAILed; looking into how to add single host w/o too much work.
This week will try to upgrade switches (check w/ BertH) [PaulB: be
sure to do CLAG check], try to start using decommissioned cl0 for
sFlow / port mirror receptacle, and have found a document online
about migrating Mattermost to Postgres (MariaDB v10+ no longer drop-
in support so won't work).

Bob: map-on-the-wall: migrating to Py3+Flask; NorthStar account
takeover fixed by disabling form + add help text to send mail for
email change request (newer frameworks such as Jakarta v7 (we use v5
- red.) solve this by having the server send a hidden session-token
and validate on submission of form) but same problem may exist in
other places - fix them or not? [Marjolein: nah let's take the LOFAR
approach here, we hope to be able to decommission NorthStar "soon-
ish" (famous last words)]; EVN calculator remote javascript
execution fixed, changed perl code. Previously: got ro-access to
SCHED gitlab (courtesy JayB), now trying to keep ours & theirs in
sync; MarkK sais that if commit same but has different hashes on two
git trees a rebase would still be possible. Fixed evlbi.org website
after accessibility issue reported by colour-blind user: dark red on
light red was unreadable; had to get access to Drupal CMS as well as
shell access to web server: style of site in various places: in-line
CSS as well as global style sheet outside of Drupal. Analysing MF-
CfP proposals for possible automation in creating schedule in TOM
Toolkit environment.

Paul: MySQL shenanigans - someone dropped table on the floor, needed
to be restored from backup, then found that not all do binlog so
some edits might have been lost (and figuring out how to make sure
they all do); MariaDB sold and migration to Postgres difficult; slow
access to vlbeer fixed by INAF maintainers within hour after
reporting (diagnosis: DNS issue their end). At e-VLBI last week: big
trouble w/ station: changed network setup over summer and did not
tell us nor did ask for test to verify things still work [Marjolein:
please report to TOG chair + vice chair, this is not good]. Archive
hardware migration date not chosen yet - probably after ERIS, and
possibly ERC interview. Pruning backups of VMs (AOB). Have mounted
DDS3 tape for ZsoltP, happy? [BobE: definitely]. Investigated

"groups" feature in Mattermost: not in free edition. Helping CorralP and IoannaK.

Aard: SRT added to evn-monitor! New Zabbix a little bit different, some items seem to be deleted: e.g. On used to upload max windspeed, Ef no data (this was planned = maintenance), Ys+Mc no data for a long time — will have to follow up. [Got Q: GaborO — difmap at last ERIS how?] M1 Mac not optimal, docker still works, is VM + data + difmap. Now that ACME is started: check JupyterHub state: some bitrot, will start to making it current again. RADIOBLOCKS: isolating delay module in code to make it easier to modularize in future; preparing w/ CUDA wrappers to support dynamically compiled instantations with "hardcoded" values (required by GPU); next step is to integrate MarkK data reader and JohnR TensorCore correlator.

Des: was in the US of A last week, will spend two days in A'dam at the ERIC forum Gender Equality Workshop.

AOBs:
[PaulB: can we prune VM backups for images that don't run anymore? They're cluttering backup procedure — these #FAIL]
"sandbox" (DesS for keycloak; can go),
"nottermost" (DesS, defunct; can go)
"newcomms" (WybrenB, undefined, no backups needed, may respin VM for Mattermost migration to Postgres)
"mfp" (BobE, instance taken offline for both security AND intent of never serving another CfP; don't need backups but would like to store VM image w/ all data + database in it)
"nsi" (...)
[Discussion follows on VM backup vs. VM raw image archived — don't want broodje speciaals too much, but seems that a new category of "no backup needed, but archiving the VM image" might be needed]

[PaulB: after apt-upgrade on Zabbix machine (evn-monitor) spent whole day to bring it back — Zabbix had migrated tools into different package(s) and config files now changed into config-dir architecture, time to upgrade to Zabbix7?]
[WybrenB: already done]

[MarjoleinV: there may be scope to organise a correlator workshop just before or after CASA-VLBI workshop next year: several young people asked me about "what happens in a correlator?!" AND would lke to more (pro-)actively start supporting sfxc. JIVE MT sounds positive too, how about you? Ideas for curriculum? Also: if we decide to do this, has implications — LOC needed and Stuff to Arrange]
[AardK: maybe separate theoretical part from practical part so that those interested only in the inner workings might just attend that]