

WURM, 06-01-2020 14:00

Present Paul, Des, eBob, Mark, Aard, Harro

Paul: Over the Christmas holidays the network migration was almost entirely completed. Routing is now done through the redundant Mellanox switches. Some traffic still goes via the HP switch. The connection to ASTRON is not redundant yet but will be at some point. The network is now ready for the 100Gbps connection which will be lit up soon. Some disk failures happened (flexbuf2, frb). The EFTF paper (VLBI w/ White Rabbit) was accepted. This year certificates will expire (2020 % 5 == 0) so will need renewal + mail to everyone involved to load those into browsers and/or O/S. Working on EVN proposal to be submitted before oncoming 1 Feb 2020 deadline.

Des: Ongoing CASA work: now can create CASA 5.\* flavoured packages from the CASA6 tree (the CASA5 tree is dead). New MichaelJ riddle: changing antenna order changes results very subtly. (Mark comments: plots with calibration applied look different when antennas are in different order). Under investigation.

eBob: Has been working on the antab editor and will continue to do so.

Mark: Will continue working on CASA. Re-submit ESCAPE WP3 software requirement form (previous attempt failed because the database structure was updated between start/finish of entering details). Marcus Demleitner (German Astrophysical Virtual Observatory) will be visiting ASTRON and we (JIVE) will be talking to Marcus too about VO interface to our data.

Aard: The 8Gbps FT036 experiment was correlated at a disappointing 500Mbps data rate (2Gbps observations run in real time). Expected bottleneck: input node. Downloads from Singularity hub seem to be broken inside the building with a strange error message. May need to disable IPv6. A new SFXC stable release was installed. Important to realize that slice time field in runjob now is actually meaningful and that the LARGE BUFFER warning needs to be removed or reworded to appropriately reflect what's going on.