WURM, 30-04-2018, 15.30

present Wybren, Paul, eBob, Mark, Aard, Harro, Arpad

Wybren: flexbuff3 was broken, has been fixed. Changed disk in Aribox. Cluster works, new FW version. Will stick new network card into flexbuff0, as it is not being used right now, ready for new disks. Will check packet loss with Aard, have to pass in Wb with Paul. Will benchmark flexbuff 10 and 11, which have meltdown patches standard installed, unclear how much performance loss. This week: time for zabbix finally. Measured power usage of new SFXC, at 80% about 2.2 kW/14 nodes. Ok.

Paul: new disks from On should arrive tomorrow. Making some cables, ordered fibers for connection of fila10G and WR in Wb. Last CDR comments in, now 2 weeks of silence.

eBob: Ir data problem, extra 8B in between packets, which means it is not VDIF anymore. Re-wrote data to a flexbuff. Hopefully feedback to Ir not to do this. Some runjob changes for new cluster. SCHED: investigating channel mapping

Mark: fringe fit in CASA. Work on Mk4 output.

Aard: also working on Mk4. Tried correlation on new cluster, found that 2 cores is not enough to set up 1500 TCP connection, which is strange. 10 cores ok. Simulated eVLBI test. Lots of packet loss, bad weights. New firmware on supermicro switches? Paul: cannot do anything, because data does not pass these switches. Some discussion about old/new network and internal/external addresses. Maybe limited buffer size causes weight dips? Over subscription of 10G? Seems not to be possible in this case. Will have to hack test database, change ip addresses. Do lots of tests.

Harro: did the Astron hackathon. Working on j2ms2, deal correctly with setupstation. Worked on problem with amplitudes. Javier from Yb had some problems with mk6 to flexbuff copy, not yet in m5copy. Fixed that plus some timing bugs. Now fixing some j2ms2 caching issue. Will also work on jplotter. Tomorrow talk to Ny Aalesund folks about flexbuff.