

WURM, 3-4-2018, 13.00

present: Wybren, Paul, Harro, Des, eBob, Aard, Mark

Wybren: found a bug in the firmware of the switches which causes it to bounce tons of packets, which in turn disabled DSP. Fixed. LACP fallback does not work, got new firmware, still does not work. Will install all the software on all machines of SFXC, using scripts. Busy making copies of data on flexbuffs with broken disks, will then replace disks.

Paul: there is a new fibre duct between the Astron server room and the SFXC room. Room for 4 cable bundles, 2 in use now. All patching can be done in the server room. Jb connection: 3G ready and working. Mellanox should be able to set different MTU on different VLANs. Update of WSRT link, after Surfnet upgrade. Made a movie about opening the patch tray, for fibrestore. Many fibres were connected, now a 40G connection between old and new network. Renumbering of public IP space. Roger ordered disks at Hamburgnet, will be sent directly to us. Next week conference in Turin.

Harro: Meerkat data should have arrived in Hart, look into transfer to JIVE (8TB). Looked at data on remote server, looks reasonable. Now need to rewrite programme for new data format.

Des: building in a way to add metadata to data in CASA MS, that is, info on what the data are. As far as I understood. Michael Janssen visited, would like a HOPS SNR determination. Will look how much work that would be, will not be exactly the same but presumably close enough. George found a bug and fixed it, Des and Mark and George now also agree on the correct definition of the ref. freq. Not easy to verify fix, it is seen to do the right thing in NME data, but would like a normal data set as well. Ilse claimed problem with one specific data set, however Ef was used as ref antenna, but Ef had a clear problem and should not have been used. Ongoing. Thinking of e-test with JUC (next week?), have been trying to break the JUC with the JUC breaking simulator, but did not. Some problems with new IP number in JUC, needs looking at.

eBob: SCHED to support scientists, got some responses from Benito, made fixes, no new responses yet. Should we send current version to forum? Yes, with good instructions for building etc. Did try it on astroware, but not without problems. Aips does not use the "official" definition of the use of slash in keyin, but we should try to stick as much as possible to whatever seems to be the standard. Should test

with Antab. Next step? DBBC support probably, need to discuss.

Aard: SFXC to Mk4 for JJ. Mark is working on phase calcs.

Mark: new version of SFXC. Source info in output. Des wrote a tutorial. Made a fix to obit and parseltongue to allow more than 36 disks, for Mark Verheyen. Chris and Adam have produced a stripped-down version of Difx for the hackathon in Perth. Antonia has published her code, has to take a look at it.