

HEPIX IPv6 Working Group Meeting F2F
CERN
Wednesday 21 Jan 2015
Notes by Ulf Tigerstedt

Start at 14:00

Around 9 persons present in room, 5 persons via Vidy.

- Presentations accepted for CHEP and ISGC
- Project updates (3 projects present)
 - LHCb :
 - No updates, waiting for next version of DIRAC.
 - ATLAS :
 - No big updates. People are busy.
 - Trying to get more services dualstacked.
 - Alistair will be offline a lot during the spring
 - "srm-free storage on T2s" suggested. gridftp and xrootd and webdav.
 - CMS :
 - nothing has been done.
 - IPv6-support in condor is what everyone is waiting for.
 - OSG is working on IPv6 for condor.
 - Mixed-stack condor pools are not supported yet by any released HTcondor.
 - Wigner is dual stacked for everything, IPv4 public address allocation has been restricted.
- CERN datataking will be starting in last week of May, the first big run is scheduled for August.
- Minutes and action points:
 - Not much has happened on the APs
 - Everybody should do a check on grid software

Sites:

- CERN nothing
 - RAL working with Janet to get DNS working. Perfsnars should be IPv6 enabled by the end of the year, test perfsnars should be up earlier.
- Tests on provisioning and monitoring tools for IPv6 capabilities ongoing.
- KIT. Perfsnars is getting dual stack, but it's not ready.
 - DESY: Perfsnars is dual stacked. test and eduroam networks were

supposed to be dualstacked, but the cisco APs kills the IPv6 once in a

while on the wireless. Wired works fine.

- NDGF-T1: 5 of 7 subsites are IPv6 enabled, 1 lacks DNS, 1 is configuring new router. Perfsonar will be there within 2 weeks

- UK T2s: HTcondor does strange things. FTS3 does not work cross-protocol. Globus ticket submitted. QM VM deployment dualstacked

works. Brunel has improved networking.

- PIC: network change to new firewall started. When it works, services

can be offered in IPV6 (including dCache). Perfsonar works with IPv6 from another network.

- Taiwan: Focusing on router upgrade, should be done in March. New router can do IPv6.

Perfsonar IPv6 dashboard:

- IN2P3, FZU(?), PIC, HIP, Nebraska, Brunel (broken), Imperial College, QM Oxford.

- To be added: DESY, NDGF-T1 soon.

- Are KISTI and Russia sites on OPN? Russia yes?

- How to track T1 perfsonar deployment?

- There is a nagios testing all perfsonar boxes.

- We don't have any contact with a lot of the T1 sites. (CNAF, BNL,

FNAL, NL-T1, TRIUMPH, russian sites, KISTI)

- Should we drop the Vidyo PIN? Yes.

- How to contact missing sites? Of the choice of ggus tickets, email

or physical contact at GDB, physical and email is to be preferred. At

some point we need to send GGUS tickets.

- Brunos presentation: Some comments on wording, minor issues. It would

be good to get the dashboard public before the OPN/ONE meeting.

- General discussion about what kind of data the OPN and ONE handles.

- The FTS3 test mesh should switch to SRM. Small set of files testing

the full mesh would probably be better than long transfers, since a 10x10 mesh will take forever.

- We need one or more IPv6-only SEs.. and a lot of implementation discussion.

1800! Meeting ended.