

Minutes of the ABP Computing Working Group meeting

12th July 2018

Participants: X. Buffat, G. Iadarola, L. Mether, R. De Maria, A. Poyet, G. Rumolo

R. De Maria reported a problem a problem to clone the SixTrack git repository on EOS to IT, who answered: "I recommend to use for any software compilation and repository related activities your AFS home directory or use GIT on local filesystems. The migration of CERNBOX to a new infrastructure is currently happening and the new version of a CERNBOX mount can support this use case without problems.". Unfortunately, IT does not provide an estimate of the time when the new infrastructure will be available. R. De Maria mentioned that K. Sjobaek managed to install working version of EOS-FUSE on his virtual machine on the technical network, however this is not supported by IT and requires a significant amount of work.

G. Iadarola requested an increase of the E-CLOUD project space, to store the result of electron cloud build up simulation campaign. The space was indeed doubled, however the number of files remains limited to 10^6 , rendering the extra space useless. R. De Maria added that the project ABPDATA experienced the same problem, when asked about this issue, IT replied that an increase of the number of files per project would require additional hardware and a budget needs to be provided.

The CNAF cluster has been moved back to its original location, and the additional nodes should be ready for usage by the end of the week.

L. Deniau presented a summary of the last IT-UM meeting :

- Windows 7 is no longer maintained.
- 150k cores are currently available through HTCondor. LSF will be decommissioned in LS2.
- The long term storage Castor is replaced by CTA, the first release is expected during the year.
- The timeline for the AFS replacement (EOS-FUSE) was not addressed.
- CephFS is used for datastorage in HPC, as an alternative to EOS which isn't ready.
- SVN is decommissioned, it will remain available in read-only mode for a few month.
- CERN lost its status of academic organisation in the eye of Microsoft, the handling of the resulting price increase is currently discussed, a migration to open source software is envisaged in a near future.

After the meeting, R. Scrivens added that, at the last CO3 meeting, it was said that the CCDB Directory Service will have a major upgrade during LS2. If anyone is using the CCDB directory service API directly, they can contact Lukasz Burdzanowski (BE-CO) for more information to see if it affects them. The presentation above can be found at: <https://indico.cern.ch/event/711476/>