IT-protoDUNE coordination meeting 02-11-2022

Attendance

- Denis PUGNERE (protoDUNE)
- Elisabetta PENNACCHIO (protoDUNE)
- Steven Timm (protoDUNE)
- Jose CASTRO LEON (IT)
- Elena Gazzarrini (IT)

Minutes and Action items from previous meetings

- (Steven) Was not there last time, so what is ASDF?
- (Jose) Services and Discussion forums. Have a look in Indico.

Coordination News

- (Jose) Two items:
  - Accelerator sector requested IT to provide infra to run jobs to do FPGA and system design. Need central provisioning. If you want to get onboarded please let us know.
  - Using EOSPUBLIC upgrade to EOS5 and XrootD5, some experiments did not want upgrade during data taking. Let
- (Steven) 14-18th Nov data pipeline running, would be better not then.
- (Jose) they will not do it until the end of month/beginning of December.
- (Steven) Do we need to upgrade EOS client? We are still using FUSE mount.
- (Jose) Will check with them.
- (Elisabetta) We are taking data now. End of November is a relatively quiet period, so in principle it should be fine. You said it should be stopped for 5 mins?
- (Jose) Yes, *almost* transparent. NA61 and NA62 were concerned.

IT Information Update

- IT News for Experiments regular weekly updates
- ASDF meetings overview
- 37th ITUM on October 14th
  - Atlassian
  - Contracts on Google and MIcrosoft

Round table and action list review

- (Steven)
  - Implementing DAQ system and trying to stress the pipeline all the way up to EOS (14-18 Nov). Big activity will be noticeable.
  - NP04 and NP02 have until now been using the DUNE VOMS server, but the DUNE collaboration is interested in getting a CERN ID to have VOMS hosted on the CERN site. Will submit a request to IAM to get authenticated properly to the DUNE server.
  - We are trying to access EOSPUBLIC with voms-proxy, but is there an alternative way to authenticate?
- (Elisabetta)

- - Taking data now, using FTS and EOSPUBLIC. No issue. No particular requests.
  - (Jose) Quota is fine?
  - At the moment, yes. Right now, cold box data taking. Next year (April) we have NP04 running and will need to reverify with Steven and Kirby. At the moment, NP02 a lot of raw data is still available on EOS. Once the campaign finishes, we will need to clean up so we might come up with new requests.
  - (Steven) We rotated test runs but there was a guy at neutrino platform who managed to get a lot of CERN resources. Next time we need to figure out who this guy was. When protoDUNE makes requests it should come from the neutrino platform.
  - (Elisabetta) Xavi was also setting up all of the egroups for this.
  - (Jose) If you need more resources, I can interface with CERN.
  - (Steven) There are dask and storage resources. Denis Clark will contact you soon, I will give your email.
- (Dennis) nothing new to report.

Current Actions

- About EOSPUBLIC upgrade: check if they need to update the EOS clients.
- DUNE security team will be requesting VOMS or IAM at the CERN site.

New Actions

- None

AOBs:

- Next meeting called for:
  - December 7th online
  - SME meeting is on the 14th at 3.30pm CET.