SiGNET Status & Plans

April 2019

Status

- Nothing new since last year

- ~6600 cores, latest are AMD EPYC 7551

- ~700TB CEPH storage for ARC cache and workdirs

- ~3.5PB storage - ATLAS pools in NDGF dCache

- ARC upgraded to 6 prerelease on both CEs

- All jobs in Singularity containers via RTE; no need for local hacks since ARC6 - easier to switch to Centos 7 for jobs

- CEPH still on luminous (12.x), should go soon to mimic (13.x)

- 20Gb/s connectivity to LHCONE via ARNES NREN

- Almost everything on IPv6

Plans

- Additional storage: ~2PB for dCache, ½ of that for ATLAS as NDGF dCache pools

- Additional cores: depending on finances; AMD EPYC Rome

Problems

- One unstable dCache pool node (f9sn08)
- Network improved, but could be better

Network