

Facility Coordination Biweekly Meeting

8 September 2021

- Facilities Team [Google drive folder](#)
- Facilities [Indico category](#)

Attendees

Present: Shawn, Doug, Lincoln, Wei, Will, Fred

Apologies:

Co-Conveners: Rob Gardner, Shawn McKee

WBS 2.3 - Rob & Shawn

- UM quotes must go out by Friday
- Next week: Technical Network Research meeting next week - packet marking, data challenges. Monday, Sep 13, 10 am EST
- Doug: GDB agenda - CA's <https://indico.cern.ch/event/876793/>

WBS 2.3.1 - Eric

- Finishing on BNLLAKE configuration for pledge DATADISK
- Would like to remove SRM from disk only storage.
 - will reach out to OSG
- Preparing for WLCG data challenges.
 - tape system - we know the requirements - 2 GB/s. Not clear yet the time required.
 - network challenge - investigating if we can participate - not sure yet - in the packet marking exercise. Shawn: hopefully something tested at aglt2.
 - Will be using existing equipment - "old" data center hardware
 - q: Doug: data flows for the network challenge? not clear from today's slides. Will move through storage systems. a: Eric: mainly t0->t1; exps add activity on top.
 - When? 1st week of october for network challenge. 2nd week for tape challenge.
 - Shawn: it does involve tier2s.
 - Do we have details? No.

WBS 2.3.2 - Fred

- Please keep Fred in CC w.r.t. NESE issues.
- Reasonable running.
- Still trying to finish IPV6. In theory OU is now compliant. UTA Close,
 - See GDB talk
<https://indico.cern.ch/event/876793/contributions/4515708/attachments/2305535/3922276/Kelsey8sep21.pdf>
- Getting closer on HTTP-TPC + XRootD.
- Still need to get NET2 to turn off their standalone squid server. OU is setting up a SLATE server for squid and XCache.
- Still working on getting sites to have SRR working proper
- CentOS 8 Replacement? Rocky? See GDB talk from today:
<https://indico.cern.ch/event/876793/contributions/4515712/attachments/2305627/3922446/gdb-20210908.pdf> (CentOS 8 Streams proposed as default)
 - need to collect a list of possible blockers
 - report on Rocky experience at BNL at a Wednesday meeting
 - config mgt infrastructure will be the challenge
- SWT2-UTA nearing being combined
- UC "Swing" Storage is being setup

WBS 2.3.3 HPC Operations - Lincoln

- 20M new hours for Cori. ERCAP requests open. Paolo thinking we ask for 600K CPU hours, 10K GPU hours on Perlmutter.
- TACC generally running well, some small burst of failures I am investigating

WBS 2.3.4 - Analysis, Shared Tier3 Facilities - Wei & Will

- Asked Kaushik about possibility of a RBT for GPUs at BNL and SLAC
 - Discussion between Doug and Wei about GPU specs. No conclusion yet.
 - Question Doug: how do we converge rapidly
- At UC, will be preparing for the bootcamp in October 18-22.

WBS 2.3.5 - CIOPS - Ofer

- Request for help with commissioning NESE
 - TPC?

- functional tests? --- what are they?
 - throughput tests
 - OSG topology validation
 - integration with data carousel as a data destination? Testing?
 - CRIC definitions; OIM topology
- Meeting with the NESE team?
 - Fred has been attempting to arrange something.
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WBS 2.3.5.2 Service Development and Deployment

- FedOps for Squid and XCache continue (XCache is running fine) - per Ilija