





Report from the May 6 SciComp Meeting

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GlueX Software Meeting
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Web pages

- Almost ready to transition to having new page be the default
 - Current default: <https://scicomp.ilab.org/scicomp/>
 - New: <https://scicomptest.ilab.org/scicomp/>
- Lustre IOPs monitoring
 - New system for throttling high IOP generating users
 - Place restriction on number of farm jobs
- New page does not have native Auger info (only Slurm info)
 - All Auger jobs end up as [Slurm jobs](#) (not the reverse)
 - SWIF uses Auger currently
 - A link to Auger info will be provided

Procurement updates

- Work file servers have shipped
 - hardware here in a week
 - clearing out rack space
 - Network switches being deployed
 - Old work: 500 TB, new work 1.0 TB
 - Transfer old to new, refurbish old, bring it back, 1.5 TB total
- New farm nodes
 - 16 nodes of 2019-era machines
 - Due in late June
 - 2048 job slots
- GPU systems getting ready to ship
- Will spec and replace file transfer nodes
 - Used for Globus, large data transfers on and off site, e.g., NERSC

Upcoming Maintenance

- Monthly: May 18
 - Some patching of backend servers
 - Some Lustre hard disk replacement
- Big maintenance: June 24
 - Facilities will do power work in the Computer Center

OSG Updates

- EIC will start submitting jobs to OSG
 - Expectation that many will run at JLab
- April 30 Submit Node problem
 - Bad disk drive
- Entire farm now open to OSG jobs

LTO8 tape issue update

- Halfway through verification of all tapes in problematic period
- Chemical analysis of “coupons” placed in Library for several weeks showed no weirdness in our air
- Last several tapes returned had 100% file recovery
- The website does have a list of unrecoverable files
- We should identify a list of high-priority files
 - Final disposition could be determined faster