

NuComp Steering Meeting for January 19, 2011

Participants

Stu Fuess, Keith Chadwick, Tyler Parsons, Jason Allen, Marshall Buschman, Eileen Berman, Gabrielle Garzoglio, Marko Slyz, Art Kreymer, Robert Illingworth, Robert Hatcher, Mark Mengel, DaveSchmitz, Dennis Box, Rob Kutschke, Eric Church, Heidi Schellman, Dave Saranen, Brett Viren, Mayly Sanchez, Steve Wolbers, Margaret Votava, Rick Snider, Andrew Norman, Tom Junk, (and a few others I forgot to write down at the meeting)

Agenda and links to talks

<http://indico.fnal.gov/conferenceDisplay.py?confId=3945>

Notes

From the NuComp news talk

Discussion of the increased BlueArc disk now available and experiments were happy. The MINOS disk is available as of the Maint day (2/21) and the others will be available soon. Increased allocations for GP GRID cluster slots are being made available soon. Most IF experiments will move from 300 -> 500. There were no objections and requested changes should be sent to Keith Chadwick.

The next NuComp meeting will be Feb 16th, pending topics for discussion.

Discussion of the GPVM BlueArc throughput issues

Jason, Tyler and Marshall described the problems with the disk throughput on the nova VM's, and what they have tried to solve it. We looked at their document cd-docdb #4205. Heidi that streaming to and from tapes will be a problem. Mayly says there are a list of tasks that require high throughput and therefore NOVA needs to keep a couple of bare metal machines. So, we agreed with Jason that NOVA will have 5 VM's, and 2 bare metal machines. Also, they will begin using the common Condor batch system.

MINOS Beam Data Process

Brett described the system MINOS uses for collecting and delivering AD Beam data information (see talk). He will support this for MINOS through this fiscal year (FY2011) and then someone will need to pick this up. What are the up-time requirements needed for this system? It needs to be available to log all spills when the detector is taking data. This system needs 24/7 support. For MINOS the shifter watches a "big green button" indicator that indicates the system is up. Someone or group at Fermilab needs to assume support of the existing system. The current system is collecting and storing more parameters than will ever be looked at.

Minerva and Nova need to get together to write a requirements document. It may be possible for AD to take responsibility for the database, but there is risk if this is not maintained properly and AD would not have as much at stake. Lee will send a mail to all experiment reps and organize a requirements group for this. We will discuss this within CD to see which group might be available for the application and operational support for this.

MINOS Near Detector Transition

Art discussed the NDTF Control Room and Offline tasks, and FTE needs. See talk for details.