

EXECUTIVE SUMMARY

Young Minos issues - nearly everything !

- Minos Computing Review (this session)
- Feb 26 SPPM resource request for FY16 - in line with previous plans
- TSW draft is being edited (new name for the MOU)
- Retire minos_jobsub Feb 23 (small temporary interactive remnant)
- Retire CPN for ifdh cp, with compatibility wrapper for batch
- Retire minos25,27,50-54 - replace with VMs
- Deploying CVMFS for OSG/XSDE/LOCAL- pending minos.opensciencegrid.org server
- /minos/data grid dismount can proceed now, shift from cpn to ifdh cp
- Production Support group is running our jobs
- Calibration - Minerva participation, move to minoscal account

Lesser issues :

- Cryptocard support went away mid-October, due to Kerberos upgrades
- FermiGrid moved to SLF6 by Oct 2014 - no major issues
- Service Now - I will be surveying users for needs and gripes

GRID

- New jobsub_client architecture, merging minos25/54 and gpsn01 functions
 - See <https://cdcv.sfnal.gov/redmine/projects/batch/wiki/HAJOB SUB>
 - Used by Minos Production and Calibration and most analysis
 - Will soon support submission from group account
 - Production has certificate, is ready
 - Calibration should do likewise once this is tested
 - Will soon support running under your own UID at Fermilab
- Disable minos_jobsub -g next week, 2015 Feb 23
 - Keep local batch best-effort until jobsub_client runs with UID
- CVMFS - minos.opensciencegrid.org will soon be available
 - Ashley is practicing using /cvmfs/minoscfs.fnal.gov
 - Adding /cvmfs to Minos VM servers
 - Need to deploy and configure a new ups to handle the new path

DATA handling - SAM

SAMWEB is deployed for Minos, and the old SAM service is shut down

Minos migrated from SAM/Oracle to SAMWEB/Postgresql in Nov 2014

Calibration group needed a few last minute fixes

DATA handling - Bluearc

- Bluearc has been relatively quiet, still planning to remove data mounts on Fermigrid
 - Ifdh must be used to access the data disks
- Need to retire CPN, use ifdh cp in place
 - Ifdh cp is much faster at moving data, and grid-ready
 - Ifdh is in standard release path, will remove cpn soon
 - will make a wrapper for use by Production scripts
- /minos/data cleanout
 - Moved most sntp files to Dcache, writing no new sntp's to /minos/data
 - Moved most of mcimport/STAGE to Dcache - thanks Adam S !
- /minos/app data cleanout/purge
 - moving user data files to /minos/data, then will set quotas

Enstore/DCache

- Dcache NFS 4.1 direct file access - requires SLF 6.4
 - working now on minos-slf6
 - working well since Dcache 2.6 upgrade Oct 18
- ENSTORE SFA (Small File Aggregation) is deployed
 - using for second 'vault' copy of raw data, and various archives
- /pnfs/minos/scratch/users/* is available
 - no quota, no backing to tape

CS/SCS/SDPS news

- The SCD supported jobsub_client script is in production
 - Used for all Minos production, calibration , and almost all analysis
 - This will replace minos25/54 next Monday Feb 23
 - <https://cdcvs.fnal.gov/redmine/projects/batch/wiki/HAJOBSUB>
- MOUs are now called TSW.
 - Preliminary draft is cut
 - <http://minos-docdb.fnal.gov:8080/cgi-bin/ShowDocument?docid=10033>
 - <https://cdcvs.fnal.gov/redmine/issues/6253>
- Fermilab picked up the Readytalk contract from ESNET, shut down Video
- Cryptocards are not supported
 - RSA devices are available, give access to limited nodes.
- The Production Support group is now headed by Anna Mazzacane
 - Marek (marek), Jeny (jteheran), Paola (pbuitrago) are active

GPCF

minos-slf4 used by Minerva is now shut down. R.I.P.

minos-nearline will go to SLF 6 very soon (more more DQ job running)

minos50-53 need to be retired soon

- will request minos60-63, at SLF6

- no local scratch disk

- will have [/cvmfs/minos.opensciencegrid.org/...](#)

minos27 activity should move to a new VM (minos-data ?)

Control Room / DAQ

- Control Room computers
 - Have new hosts in the Ops Center on WH1W (ROC-W)
 - The old hardware has been repurposed
 - minos-evd lives on in my office (kreymer) till we have something else