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Meeting Notes

Attending: KB, BB, MT, DB, LB

Infrastructure Notes:

- Some unknown hiccup out there causing about a 5% error rate. Under investigation.
- UFL has a broken Lustre for right now.
- xrootd.t2.ucsd.edu page needs to go behind HTTPS. Quite a bit of cleanup to do, as we didn't get disconnects from MIT users.
- MIT is being used heavily by CP. Only has one server - had some issues with LDAP, but not apparent they were caused by xrootd.
- Vanderbilt is actively using xrootd for fallback (as a retry to lstore).
- Caltech is at SC11; need to upgrade to Xrootd 3.1.
- FNAL is working on 3.1 upgrade
- Wisconsin upgraded to 3.1; working on authz.
- UK redirector and sites (1 T2, 1 T1) are going. Appear in monitoring.
- DESY and Bari now also appear in our daily monitoring.
- UCSD is running a few servers from stock RPM, some from git head (for extra monitoring info).
- No news on a CERN-based redirector.

Software

- Want to start building a new RPM from trunk for better monitoring packets.
 - ◆ Working for gridmap sites.
- MT: Have started digesting the auth failure rates; not yet in webpages.
 - ◆ Will look to see if there's a way to integrate this with the daily reports.
- BB: Working on fixing Gratia probe for glideinWMS. This will allow us to better integrate the daily reports.
 - ◆ Want to make the Gratia probe "Production Quality" for xrootd-transfer.
- DB: Cleared off the main Condor issues, starting to prioritize one of his AAA tasks. Likely starting on Parrot/CVMFS and xrootd-hdfs read-ahead work.

Roundtable:

- KB: Can we feed back to sites the files that are falling back (i.e., JobRobot)? BB: Difficult to do, as we have to distinguish "fallback" from "overflow". Possible to do this with a PhEDEx lookup, but is there enough gain? Probably not.
- MT: Link showing aggregate site traffic:
http://xrootd.t2.ucsd.edu/display?imgsize=1024x600&interval.max=0&interval.min=3600000&page=xrd_rep
 - ◆ Based on hand-crafted list of domain name -> sites. BB has this too for Gratia.
- MT: Working on double-auth issue from MIT.
- LB: Starting to think about the data rates here - how much are we expecting? BB: 10TB day? We still are in experiment mode.
 - ◆ Tweak email report: remove % diff, add plot
- KB: Talked to Rob Snihur about having T3 use Xrootd as fallback. BB wrote up directions on the project twiki.
 - ◆ Would show up as a client domain in our daily email.
- KB: Would like to expand integration with WLCG. Going to reach out to the WLCG MB to see how to best do this.
 - ◆ BB: Maybe present at the GDB?

- BB: Do we need something like <http://display.grid.iu.edu/>? What sort of communication tools do we need for the outside world?
 - ◆ Maybe not yet - keep it in the back of our minds.

Homework:

Next time, let's compare our progress against our action items from the last F2F.

This topic: Main > XrootdProgress20111115

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