

WLCG pre-GDB on grid CEs

Feedback on perceived issues from new ARC sites recently moved from CREAM etc



norden

NordForsk



Nordic e-Infrastructure
Collaboration



First some good news

- Several big and small WLCG sites have switched from CREAM to ARC, Driven by:
 - Better support for HT-Condor
 - Easier configuration and maintenance
 - Questions about CREAM's future
- Mostly happy faces
- “Should we recommend ARC as the default CE for European WLCG sites? What is left? Maybe this fall?”



But..

- There are some significant concerns, here is an attempt to summarize what was said during the meeting
 - Not all concerns are real
 - Most of the worries were regarding accounting
- Archiving of accounting records that failed to publish, to make recovery possible.
- Better resilience in finding an APEL broker for accounting (John Gordon wants BDII, but maybe we could have more than one in the hardcoded list?).



Feedback

- Fix Glue1 info to better match Alice needs, apply RAL hacks, (voview I think it was).
 - In general, “WLCG uses Glue1”
 - There was significant uncertainty on what exactly Alice needed, but I think I saw an email clarifying this
- arc.conf option for maxwalltime for htcondor, where there isn't a good answer from the batch system to the question of "what's the max walltime?" (there might be a future fix in htcondor, but I wouldn't wait for it).
 - This is something were UK sites are applying local hardcoded hacks in the info provider.



Feedback

- More grumblings about JURA, "always a few records going astray".
 - One thing is to do a rename from jobrecords into a new directory for jura to consume. Which might or might not have fixed it.
- GRIF looking at publishing via local APEL box.
 - And there is a script to create BLAH files, so that might be pretty much solved apart from documentation and integration work.
 - "Fred has this working, but wants to redo some of it."



Feedback

- Argus integration "always" uses lcms, which might be the default way of handling this for EGI sites
 - Talking directly to argus server might be an NDGF:ism
- Not immediately obvious why argus didn't work, was a minor config issue but it took some time to find.



norden

NordForsk



Nordic e-Infrastructure
Collaboration

Workshop

- Workshop bringing together:
 - Sites that have recently switched and running “WLCG-style” (i.e. pilots and close-SE etc)
 - Sites that are interested in switching from CREAM
 - ARC developers
 - Some more experts
- Maybe co-located with European Condor workshop?
- Sometime this fall?