

SA3 Partner Report: FOM (pronounce as Nikhef)

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Patch Certification/Rejection

LSF Gap analysis

Strategy document on batch system integration

SCAS client testing

What's up next?

How do we get the declarations that the user specified in the job description from the user to the batch system?

- three dual-quad-core Xeons
- Centos 5 with Xen
- home-grown kickstart-based installation procedure
- pre-defined MAC address is the key
- dnsmasq does all the hard work (DNS, DHCP, PXE)

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- #2514 (ditto) started October 15, rejected October 23
- #2593 (ditto) but now includes CREAM, will take more time to reject.

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- #2517 New version of Torque (2.3.3) and Maui. Involves a vulnerability. Work on this will start after all hands.



Task #7117: LSF Gap Analysis

- Started June 13, ended June 24.
- Jobmanagers for the LCG-CE: CERN patches to reduce the number of queries to the batch system.
- BLAH scripts: provided by INFN. Scalability is the key.
- Requires `bttools` in a source distribution (to be compiled against the specific version of LSF).
- Job priorities: LSF fair shares
- APEL: YAIM config in place

Overall conclusion:

- The state of integration is not bad
- But much is CERN specific, no guarantees or support for other sites

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The batch system part was split off into a subdocument, which immediately improved both documents.

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- Cookbook on *How to integrate your favourite batch system*
- Integration check list
- more standardized tests

More in the joint session on Thursday.



photo: Onno Zweers

- patch #2593: Condor and CREAM
- patch #2517: New Torque and Maui
- task #8088: coordination over the convergence of info dynamic providers
- writing the 'cook book' and 'check list'

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