

Weekly Operations Status Report

UKI

Reporting Period: 28/02/05 to 07/03/05

Details of ROC / Tier 1

ROC/Tier 1 Manager:	Jeremy Coles
Number of sites in region:	19
New sites:	0

Availability of Core Services Hosted by the Region

Sites hosting a core service* that failed or was unstable during the reporting period	Core Service that Failed and Problem Encountered	Total days unavailable per site

* Core Services are RBs, BDIIs, RLSSs, VO servers, MyProxy servers.

Non-Functional Sites

Names of sites that were non-functional** during the reporting period	Problem Encountered	Total days unavailable per site
QMUL-LCG	LCG version too old (LCG-2_1_1)	
BITLab-LCG	LCG version too old	

** Non-functional means that the site has a status of either "Critical tests failed" or "Job Submission failed" in the Site Functional Test Suite or have a . It does NOT include unstable/failed core services (see above).

Scheduled Down Time

Sites at which there was scheduled maintenance during the reporting period	Total days unavailable per site
LivHEP-LCG2 (upgrades)	4
Scotgrid-gla (SL3 & 2.3.0 upgrades)	7
RHUL-LCG2 (down while security incident assessed)	7
UCL-HEP (CE replacement. 2.3.0 upgrade)	7
RALPP-LCG (air-con maintenance)	3
Lanc-LCG2 (equipment relocation)	7

Sites at which there will be scheduled maintenance during the next reporting period	Total days unavailable per site
LivHEP-LCG2 (upgrades)	3
Scotgrid-gla (SL3 & 2.3.0 upgrades)	7
RHUL-LCG2 (down for security reasons)	7

UCL-HEP (CE replacement. 2.3.0 upgrade)	7
RALPP-LCG (air-con maintenance)	7
Lanc-LCG2 (equipment relocation)	1
SHEFFIELD-LCG2 (2.3.1 upgrade)	1

Operational Issues Encountered During the Reporting Period

- LivHEP-LCG2 experiencing cooling problems. Upgrading to 2.3.0 but experienced a compromise of the LCFG server
- Trinity College Dublin are experiencing a large number of disk failures which is hampering their progress
- QMUL will install only LCG-2_2_0 on Fedora WN as still waiting TDC port of LCG-2_3_0.
- YAIM configuration not able to handle non-default PBS configurations easily – has affected more sites since last reported
- Resource Broker lcgrb01 obtained a corrupted queue.fl file. This was cleaned up but jobs were lost.

• Have all sites upgraded to LCG-2 2.3.0? No

Sites which still need to upgrade	When will the upgrade be completed?
csTCDie	Estimated - end of March.
BITLab-LCG	Building SL3 LCG 2.3.0 cluster in parallel
QMUL-eScience	Unknown – dependent on Fedora port
RHUL-LCG2	March – security incident investigations taking priority

Upgrade to Scientific Linux 3 (or equivalent)

By when will all service nodes in the region be upgraded?	QMUL runs Fedora. Other sites by end March.
By when will the WNs in the region be upgraded?	See above.

Points to Raise at the Operations Meeting

- How are these weekly reports actively used outside of the Operations Meeting? Are there any plans for a 1-page summary each week giving the “Status of EGEE Operations”?
- Can the escalation procedure be clarified? If a task action is raised to phonecall can it be reverted back ie de-escalated if they action the request or make contact?
- The release announcement of LCG2_3_1

<http://www.listserv.rl.ac.uk/cgi-bin/wa.exe?A2=ind0502&L=lcg-rollout&F=&S=&P=70024>

is a security updates and contained a fixed fetch-crl and a fixed resource broker for security problems.

Both of these could have been deployed with zero interruption to the work load. However the security release also contained feature updates to edg-rm and lcg_utils, upgrades of these could cause running jobs to fail. So a simple security update has now become a significant upgrade. Clearly sometimes a security update could be a significant upgrade but that was not the case this time. The consequence is that the security upgrade will be slower or rushed more than it should be. This could be interpreted as a misuse of a security update to deploy extra software.

- Atlas asked if they could hit the Tier-1 using direct Condor submissions rather than resource broker and condor. This approach allowed the farm to be filled quickly.