



gLite 3.0 PPS status



- Second gLite release candidate given to pre-production on Tuesday 11th April.

- Summary of the current issues:

1) No relocatable WN or UI.

Consequences:

a) some experiments won't have a useful UI as they need a UI under AFS.

b) although we can publish queues to production batch farms, the WNs there will be LCG-2 only and will be missing gLite client libraries.

2) Bulk submission has several major bugs against it. We have workarounds for most of them but we have no idea how these workarounds will fare under stress.

- A third release candidate fixing some of the outstanding bugs for DPM and dCache is expected for next week.



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ROC	Site Name	CORE SERVICES										SITE SERVICES										VOS SUPPORTED											
		BDII	FTS	R-GMA Reg.	LCG RB	gLite WMS	LFC (central)	UI (AFS)	MyProxy	agt	VOMS	LOG CE	LOG CE + prod batch queue	gLite CE	gLite CE + prod batch queue	MonBox	LFC Local	UI	SRM	Access to prod/in data	VOBOX	Fireman	IO	Hydra	AMGA	ALICE	ATLAS	CMS	LHCb	Blommed	Picard	SWITCH	DIUGENT
SWE	CE5GA-PPS			✓									✓	✓				A								x	x	x	x	x			
D/CH	FZK-PPS		A								✓		✓		✓			✓	A							x	x	x	x				
France	IN2P3-CC-PPS		✓							✓	A	A	✓	A	A	A		A	A							x	x	x	x	x			
CERN	PPS-CERN	A	✓		✓	✓				✓	✓	✓	✓	✓	✓	✓		✓	A	✓						x	x	x	x	x			
Italy	PPS-CNAF	✓	✓			✓			✓	✓	✓		✓		✓	A	✓	✓	A							x	x	x	x	x			
CE	PPS-CYFRONET										✓		✓		✓		✓	A								x	x	x	x	x			
SWE	PPS-IFIC				✓						✓		✓		✓		✓	✓	✓			✓				x				x	x		
SWE	PPS-LIP					✓			✓		✓		✓		✓		✓	✓								x	x	x	x	x			
Italy	PPS-PADOVA										✓		✓		✓		✓	A								x	x	x	x	x			
SWE	PPS-PIC	A			✓	✓					✓		✓		✓		✓	A	A	✓	✓					x	x	x	x	x			
SEE	PreGR-01-UoM										A		✓		✓		✓	A				✓				x	x	x	x	x			
SEE	PreGR-02-UPATRAS					✓							✓		✓		✓	✓								x	x	x	x	x			
AP	Taiwan-PPS		A								✓		✓		✓		✓	A	A							x	x		x				
UKI	UKI-LT2-IC-HEP-PPS					✓					✓				✓			A								x	x	x	x	x			
UKI	UKI-ScotGrid-Gla-PPS		✓								✓				✓			✓								x	x	x	x	x			
UKI	UKI-SOUTHGRID-BHAM-PRE-PRODUCTION SERVICE				✓						✓				✓			✓								x	x	x	x	x			

Last updated: 13 April 2006

Legend:

- Site LCG Tier-1
- ✓ gLite 3 RC2 service deployed in PPS and operational
- ✓ gLite 3 RC2 upgrade not yet completed
- A services requested to be added
- A Service requested by experiments but declined by site
- Committed to upgrade to RC2 within 3 days of release of RC
- Not yet committed to RC2 upgrade within 3 days
- Cannot upgrade to RC2 before Easter
- Site upgraded
- Site partially upgraded
- Site not started upgrade

Notes:

- Each PPS site must run a site BDII (it is installed by Yaim on the CE)
- LCG Tier-1 sites are requested to run both gLite and LCG CEs
- LCG Tier-2 sites can choose whether to run gLite or LCG CEs if they are short of boxes
- Where a site has both a gLite CE and an LCG CE they should share the batch system.
- Extra boxes and resources for services indicated with '?' will be requested and negotiated with sites by the experiment
- In case of shortness of boxes priority should be given to the requested services with respect to IO and glite CEs



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- The plan is to concentrate this week on gLite RB => LCG CE/LCG WN bulk submission. We should quickly be able to see whether the work-arounds we have in place for the bugs in bulk submission are sufficient to withstand significant load. If they are not then the developers, the certification team and PPS will all focus on getting patches written, regression tested and deployed on the PPS.



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Link to gLite 3.0 list of critical bugs:

<https://uimon.cern.ch/twiki/bin/view/LCG/Glite30IssueTracking>