



The CREAM CE: Update on status

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*WLCG Grid Deployment Board,
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CE transition criteria

- Table showing current status of Transition Criteria:

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

- Summary

- CondorG submission (criterion B): Results reported by US-CMS show job failure rate of ~25%. Main source of errors is around proxy renewal/delegation.
Under investigation by US-CMS and developers
- WMS-ICE submission (criterion C): Still weeks (months?) away
- SAM tests (criterion F): Many tests ready. Several already running against production CREAM CEs. All running against PPS CREAM CEs
- EGEE SA3 has started testing to determine the performance criteria (graceful failure, 5k concurrent jobs, etc.)
 - Thanks to Gianni Pucciani



Pilot Service: Testing by CMS

- CMS just started testing job submission
CRAB → ICE-WMS (patched) → CREAM CEs in production
- Need more CREAM CEs in production
 - Particularly ones supporting CMS !!
 - Current list for CMS:
 - ce201.cern.ch
 - ce202.cern.ch
 - cream-1-fzk.gridka.de
 - cream-2-fzk.gridka.de
 - cream-ce01.marie.hellasgrid.gr
 - t2-ce-02.to.infn.it



MB milestones for CREAM CE

- **June 1st:**
 - All European T1 + TRIUMF and CERN; at least 1 CREAM CE each.
 - 5 T2s supporting ALICE with 1 CREAM CE each
- **August 1st:**
 - At least 2 T2s for each experiment providing 1 CREAM CE each
- **October 1st:**
 - 50 sites providing CREAM CEs in addition to the ones above



MB milestones for CREAM CE

■ How are we doing?

■ Full list of CREAM CEs in production today:

- alice02.spbu.ru
- ce0004.m45.ihep.su
- ce01.sdfarm.kr
- ce201.cern.ch
- ce202.cern.ch
- cream1.farm.particle.cz
- cream-1-fzk.gridka.de
- cream-2-fzk.gridka.de
- cream-ce01.marie.hellasgrid.gr
- cream-ce.pdc.kth.se
- grid29.gsi.de
- gridce02.tier2-kol.res.in
- nanlcg04.in2p3.fr
- t2-ce-02.to.infn.it



CREAM CE in production

■ More information:

- Latest version 3.1.13-0, released 2 days ago (11.05.2009)

<http://glite.web.cern.ch/glite/packages/R3.1/deployment/glite-CREAM/glite-CREAM.asp>

- Known Issues:

<http://glite.web.cern.ch/glite/packages/R3.1/deployment/glite-CREAM/glite-CREAM-known-issues.asp>

and

<http://grid.pd.infn.it/cream/field.php?n=Main.KnownIssues>

