



Enabling Grids for E-sciencE

Extension of CREAM Pilot: How to contribute

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SA1 Coordination Meeting- 15 Sep 2008

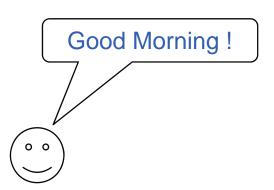
www.eu-egee.org





Contents

- A few info
- Current Layout
- How to contribute





Status of the pilot

- Pilot of CREAM in PPS is now at phase 2
- Alice and CMS mostly involved in testing
- SA3 certifiers doing pre-certification (scalability testing on the ICE WMS)
- 30 CREAM CEs (~30) now available
- Scalabilty test in progress:
 - non-cpu-intensive jobs sent through an ICE-WMS



New sites needed

- Need more sites for a more realistic test
- Different batch systems than torque and Isf
- Possible to implement the testbed at one site as several CEs sharing a small set of computing resources
 - e.g. by setting-up the CREAM CEs on virtual nodes.
- No access to production resources is requested for the scalability test (BUT NEEDED for USER TESTS)
- Sites should run the "pilot" version of CREAM,
 - Pointless to use the one now in production



CREAM Pilot Phase2

Enabling Grids for E-sciencE CMS **PROD-BDII** gstat-PPS SAM-PPS **Nagios-PPS** production grid UI **PPS-BDII** pre-production grid ICE-WMS **Alice** CNAF site 2 site N site 1 CREAM CREAM CREAM 1 CREAM m prod WNs prod WNs prod WNs



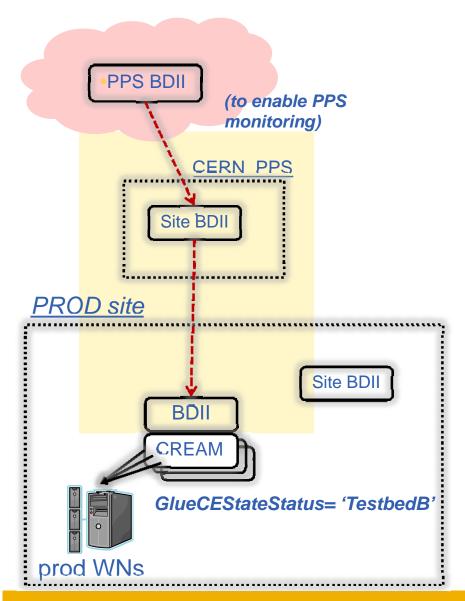
CREAM Pilot Phase2

Enabling Grids for E-sciencE gstat-PPS SAM-PPS **Nagios-PPS** UI PPS-BDII pre-production grid ICE-WMS **Alice** CNAF site 2 site N site 1 CREAM CREAM CREAM 1 CREAM m prod WNs prod WNs prod WNs



Integration: PROD Site

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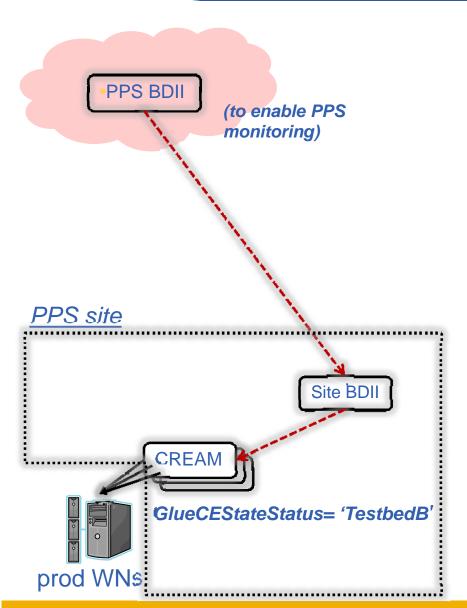


- Supported Vos : ops, dteam, cms OR alice
- CREAM registration in GOCDB = Optional



Integration: PPS Site

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Operations

- Updates released in quasi-production fashion
 - YAIM
 - Release notes
 - Patches (in status="With Provider")
- Administrators available for upgrades when needed (1-2 per month)
- Registration of the resources in the GOC DB is optional
- The services should be published by a [dedicated] site BDII



Advantages for sites

- Possible local deployment/integration issues seen even before certification
- Experience with a system to be deployed in the near future

- Contact: <u>egee-pps-pilot-cream@cern.ch</u> (or myself)
- Minutes of the check-point meetings:
 - https://twiki.cern.ch/twiki/bin/view/LCG/PPIslandKickOff
- Details about the pilot (planning, layout, technical info):
 - https://twiki.cern.ch/twiki/bin/view/LCG/PpsPilotCream





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