



Enabling Grids for E-science

# Certification Process

Di Qing

SA3

Academia Sinica & CERN

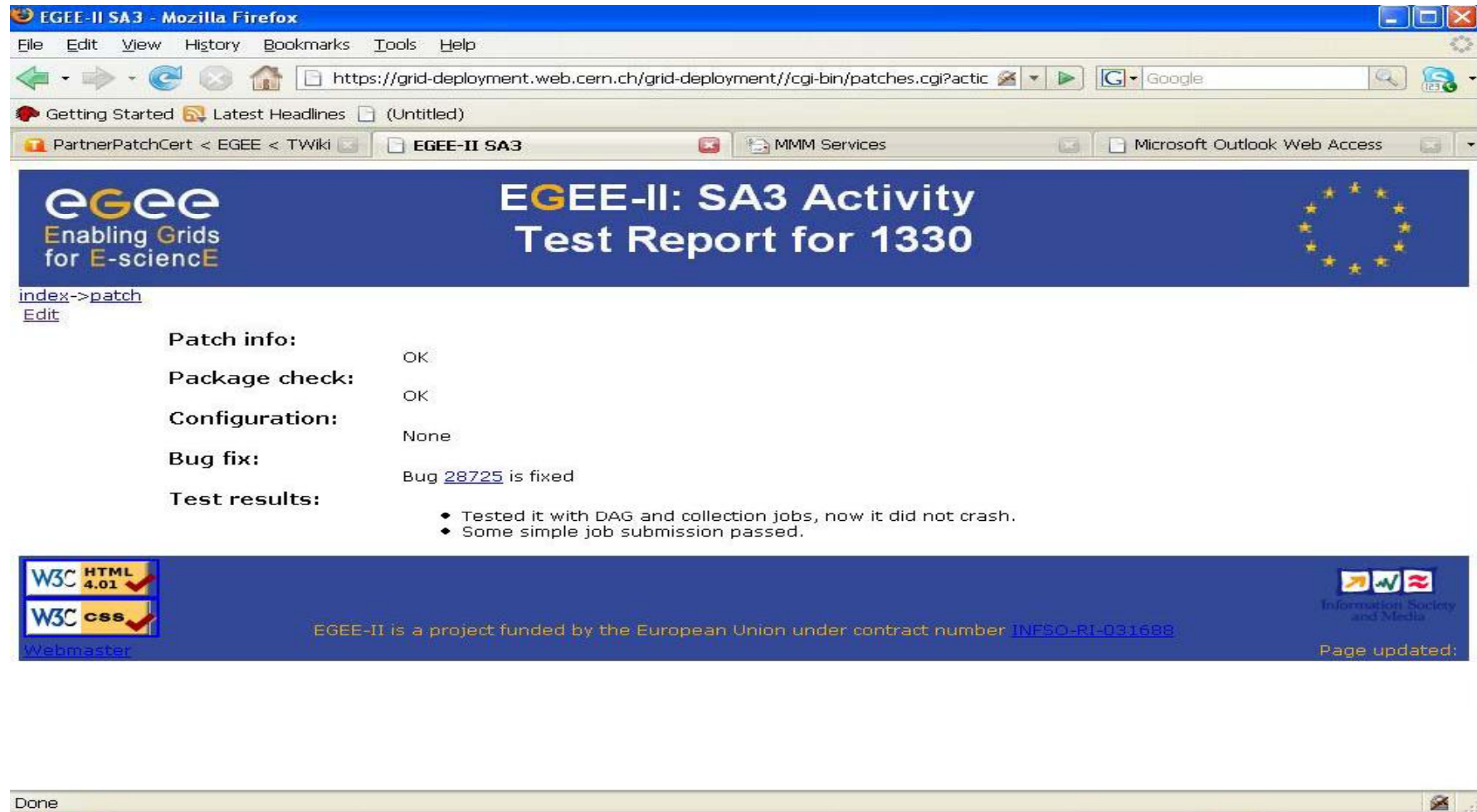
[www.eu-egee.org](http://www.eu-egee.org)



- **396 patches in EGEE II (from April 1, 2006)**
  - Certified: 188
  - Rejected: 59
  - Obsoleted: 101
  - Others: 48
- **Partners handled 18**
  - CSIC 1, GRNET 2, IMPERIAL 2, INFN 3, PIC 1, TCD 8, UCY 1
- **We need more partners to work on more patches**
  - Limited manpower working on patches at CERN
  - The certifications of some patches are already delayed

Partner	Components	Assignee
<b>CESGA</b>	<b>SGE</b>	
<b>CSIC</b>		
<b>DESY</b>	<b>dCache</b>	<b>osynge</b>
<b>GRNET</b>	<b>TORQUE,APEL. InfoSys</b>	<b>nvoustin</b>
<b>IMPERIAL</b>	<b>WMS,LB</b>	
<b>INFN</b>	<b>BLAH, LSF</b>	
<b>LAL</b>	<b>DPM, LFC</b>	
<b>PIC</b>	<b>VOBOX</b>	<b>neissner</b>
<b>TCD</b>	<b>R-GMA</b>	<b>jwalsh</b>
<b>UCY</b>	<b>AMGA</b>	

- **Patches are tracked by CERN Savannah**
  - <https://savannah.cern.ch/patch/?group=jra1mdw>
- **Certification starts when patch is in “Ready for certification”**
- **Checklist for certifying patches**
  - <https://twiki.cern.ch/twiki/bin/view/EGEE/CertificationChecklist>
- **Patch testing Dashboard**
  - <https://grid-deployment.web.cern.ch/grid-deployment/cgi-bin/patches.cgi?action=patch>
- **Patch certification by SA3 partners**
  - <https://twiki.cern.ch/twiki/bin/view/EGEE/PartnerPatchCert>



EGEE-II SA3 - Mozilla Firefox

File Edit View History Bookmarks Tools Help

https://grid-deployment.web.cern.ch/grid-deployment//cgi-bin/patches.cgi?actic

Getting Started Latest Headlines (Untitled)

PartnerPatchCert < EGEE < TWiki EGEE-II SA3 MMM Services Microsoft Outlook: Web Access

**EGEE**  
Enabling Grids  
for E-science

**EGEE-II: SA3 Activity  
Test Report for 1330**

[index->patch](#)  
[Edit](#)

**Patch info:** OK

**Package check:** OK

**Configuration:** None

**Bug fix:** Bug [28725](#) is fixed

**Test results:**

- Tested it with DAG and collection jobs, now it did not crash.
- Some simple job submission passed.

W3C HTML 4.01 ✓  
W3C CSS ✓

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Information Society and Media

Page updated:

Done

- **Pre-certification process**
- **WMS+LB experimental services**
  - The first experimental service started at CERN in July last year
  - VOs specially ATLAS and CMS were involved in testing
  - Developers were involved actively as well
  - Moved to INFN this year
  - The latest checkpoint release satisfied the acceptance criteria
- **Very useful for performance and scalability improvement**
- **Early involvement of VOs can make the services reaching production quality before certification**
- **Other experimental services?**

- **We definitely need more partners working on patch certification!!!**