Certification Process

Di Qing
SA3
Academia Sinica & CERN

www.eu-egee.org

Information Society and Media

EGEE and gLite are registered trademarks

Patch certification summary

- **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 ptaches**
  - Limited manpower working on patches at CERN
  - The certifications of some patches are already delayed

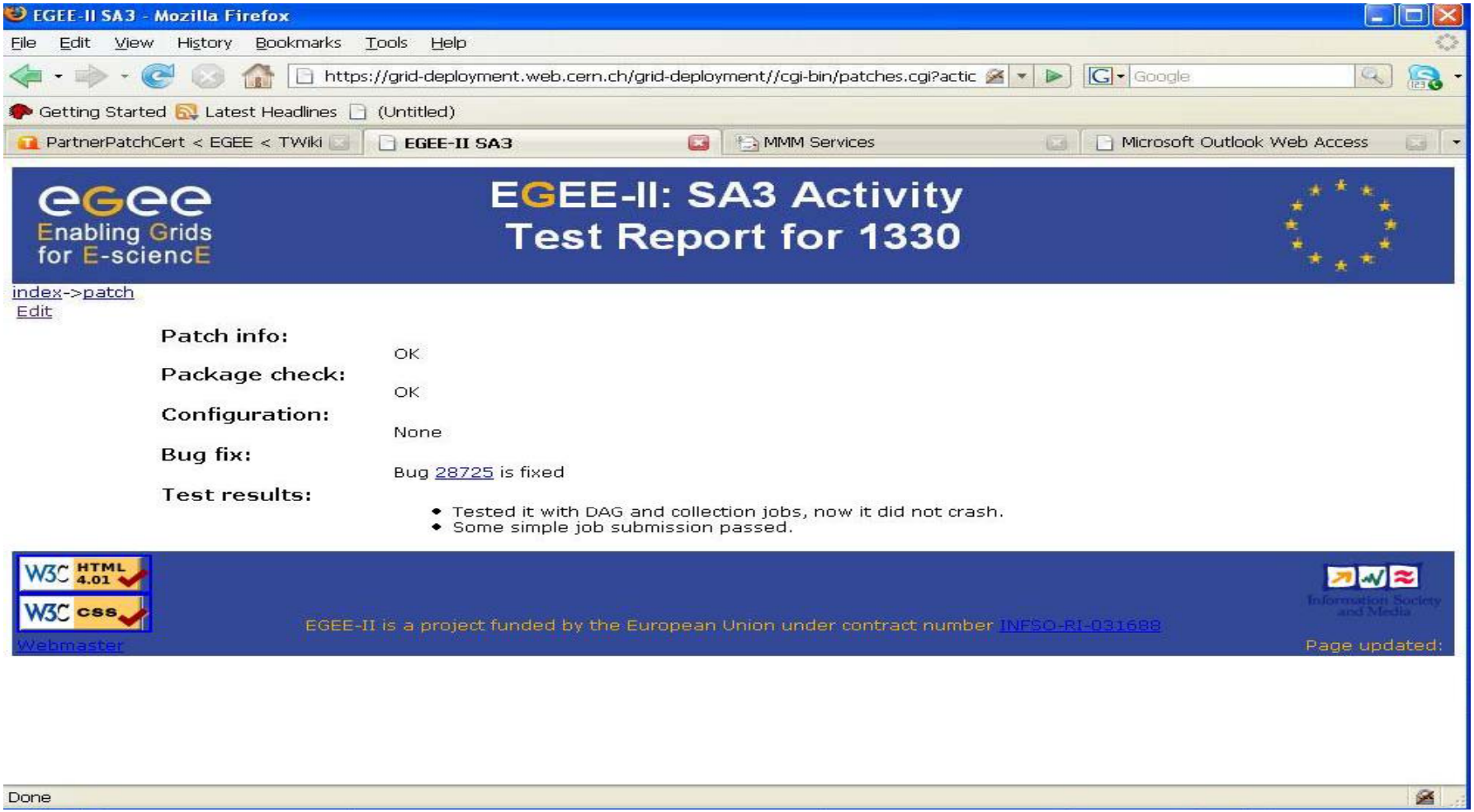
Partner expertise

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

Patch certification process

- **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

Patch test report of patch dashboard



Experimental services

- **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?**

Conclusion

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