



# Monitoring

John Gordon, STFC-RAL GDB meeting @CERN, 10 October 2007







# Monitoring

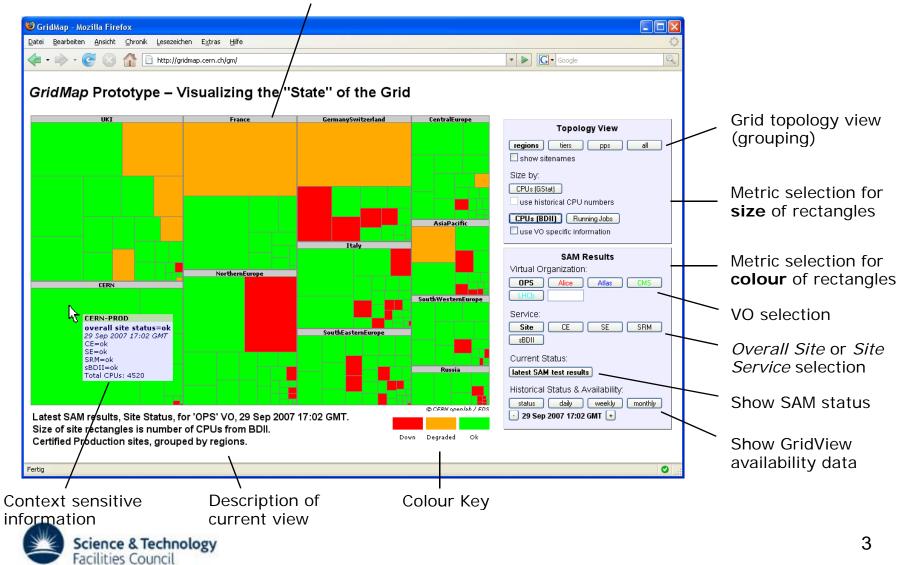


- GridMaps
- VO SAM Tests
- Comparing generic and VO SAM Tests
- Measuring Reliability By Monitoring



# GridMap Prototype View Component

LCG





# GridMap Prototype: Link to Existing U **Tools**

Clicking on a site opens a page with details in

GridView/SAM GermanySwitzerland CentralEurope Site Detail Availability UKI-LT2-QMUL availability=83% 25 Sep 2007 (whole day) CE=96% SE=92% SRM=92% NorthernEurope sBDII=100% SouthWesternEuro Total CPUs: 1102 INFN-PISA CE availability=100% 25 Sep 2007 (whole day) gridce.pi.infn.it=100% gridce2.pi.infn.it=63% Total CPUs: 650 SAM Test Results





#### WLCG - Sites Reliability Summary

#### September 2007

	OPS	ALICE	ATLAS	CMS	LHCb
CERN-PROD	100%	97%	100%	100%	96%
FZK-LCG2	91%	95%	62%	99%	91%
IN2P3-CC	70%	45%	26%	8%	97%
INFN-T1	80%	97%	85%	100%	66%
NDGF-T1	97%	0%	76%	0%	-
RAL-LCG2	90%	96%	100%	100%	97%
SARA-MATRIX	92%	96%	92%	53%	90%
TRIUMF-LCG2	95%	-	98%	-	-
Taiwan-LCG2	93%	-	98%	95%	-
USCMS-FNAL-WC1	89%	-	-	38%	-
pic	93%	-	100%	100%	93%
BNL-LCG2	91%	-	72%	-	-
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>=91%	>=82%	<82%
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### **VO Specific SAM Tests**

- information about the VO-specific SAM tests is now being collected and organized by D.Vicinanza in this wiki page:
- https://twiki.cern.ch/twiki/bin/view/LCG/SAMVOSpecificT ests
- Sites can now tell what the tests they are failing are actually testing.







## Availability

- Are the current availability metrics a good measure of availability?
- eg a site is UP if one of its SEs are UP
- If this SE does not support your VO then the site is not available to you.
- BUT if a site is only if ALL its SEs are up then very few sites will be UP
- Generic vs VO-specific
- Can we move such tests to VO-land?



# Revisit Site Monitoring in November

