Introduction

GDB

John Gordon, STFC

GDB meeting @CERN December 2nd 2009

Science & Technology Facilities Council

Since the Previous Meeting

- **FP7 Calls closed 24th November. Phew!!**
  - Bids submitted by INSPIRE, ROSCOE, EMI, QUEST
  - Others?
- **SC'09**, Portland, Oregon, November 16-20th 2009
  - HP and IBM dominate the Top500
- **Oversight Board**
- **Collaboration Board**
- **First beam and collisions**

GDB meetings in 2010

- Second Wednesday of each month
- Rooms booked for first six months
- Proposal for March 24 to cover March/April
  - At NIKHEF
  - MB Face to face on 23rd.
  - See EGI.eu Hedquarters
- Pre-GDB rooms booked, Jan, Feb, May, June, July, August, October
- Other offers to host a meeting?

- January 13
- February 10
- March 24
- May 12
- June 9

- July 14
- August 11
- September 8
- October 13
- November 10
- December 8

Science & Technology Facilities Council

Pre-GDB meetings

- None currently planned
- Ideas please.

Forthcoming Events

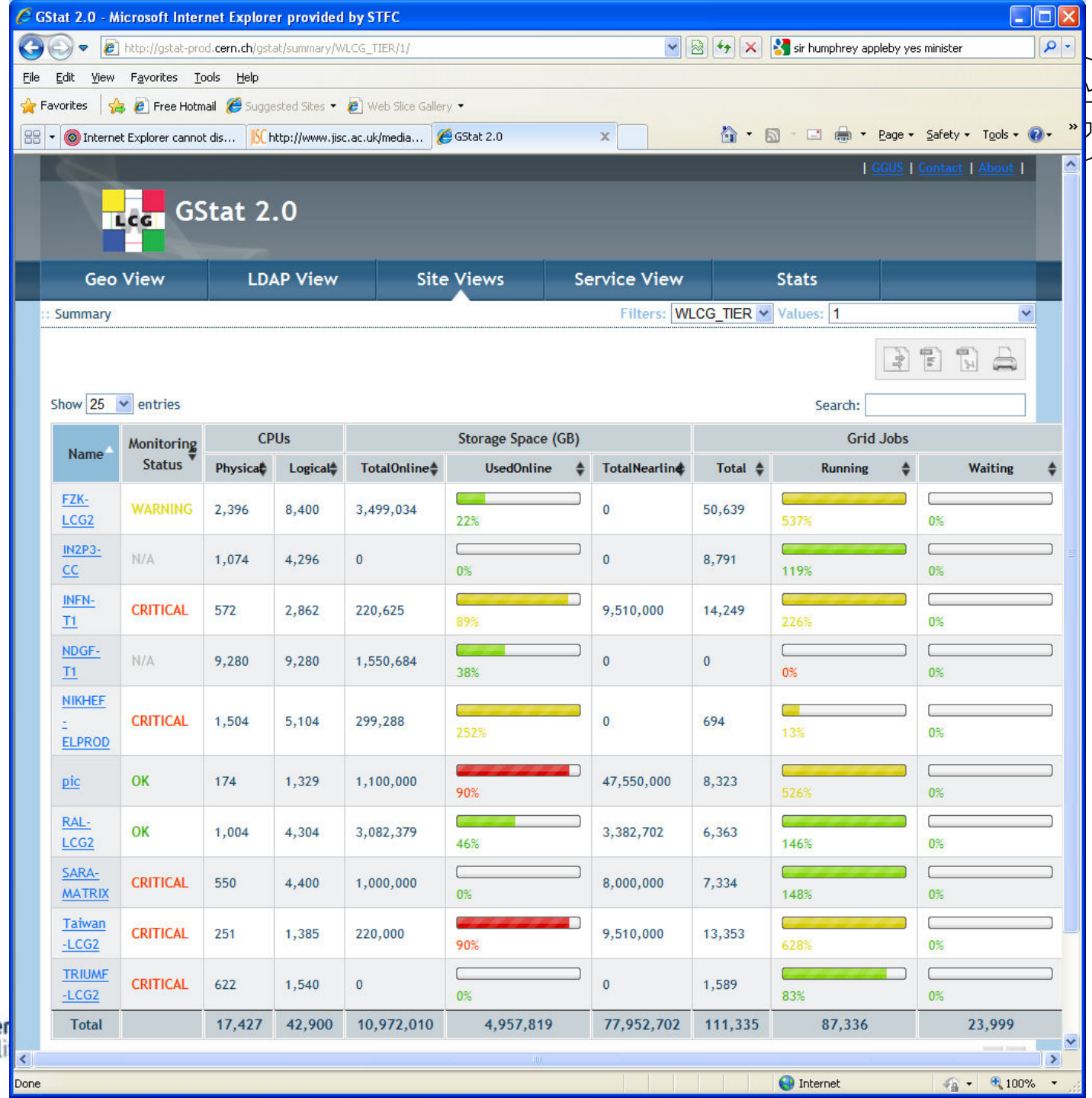
- **EGI Council,** Stockholm 3rd December 2009
- **EGI-DS Workshop,** Stockholm 3rd-4th December 2009
- **LHCOPN** Bologna**,** 10th December 2009
- **ISGC**, Taipei, 7-12 March 2010
- **EGEE User Forum**, Uppsala, 12-16 April, 2010

GDB Issues

- **Pilot Jobs, SCAS, gLExec**
- **CREAM**
- SL5
- Virtualisation

Main Topics Today

- Pilot Jobs – SCAS/glexec.
- Security Patching
- EGI-Inspire
- Middleware
- Passing Job Parameters
- Technical Forum



Name	Monitoring Status	CPUs		Storage Space (GB)			Grid Jobs		
		Physical	Logical	TotalOnline	UsedOnline	TotalNearline	Total	Running	Waiting
FZK-LCG2	WARNING	2,396	8,400	3,499,034	22%	0	50,639	537%	0%
IN2P3-CC	N/A	1,074	4,296	0	0%	0	8,791	119%	0%
INFN-T1	CRITICAL	572	2,862	220,625	89%	9,510,000	14,249	226%	0%
NDGF-T1	N/A	9,280	9,280	1,550,684	38%	0	0	0%	0%
NIKHEF-ELPROD	CRITICAL	1,504	5,104	299,288	252%	0	694	13%	0%
pic	OK	174	1,329	1,100,000	90%	47,550,000	8,323	526%	0%
RAL-LCG2	OK	1,004	4,304	3,082,379	46%	3,382,702	6,363	146%	0%
SARA-MATRIX	CRITICAL	550	4,400	1,000,000	0%	8,000,000	7,334	148%	0%
Taiwan-LCG2	CRITICAL	251	1,385	220,000	90%	9,510,000	13,353	628%	0%
TRIUMF-LCG2	CRITICAL	622	1,540	0	0%	0	1,589	83%	0%
Total		17,427	42,900	10,972,010	4,957,819	77,952,702	111,335	87,336	23,999

Installed Capacity

- Laurence Field described at November GDB
- Sanity Checks run by Nagios on all sites.
  - Steve Traylen raising tickets on sites
- Only the site can say whether the real resource data is correct.
- I presented T1 comparison to MB
  - They are actioned to fix or explain.
- Many more issues at T2s.
  - T1s to coordinate getting T2s fixed.
  - May also tackle through EGEE ROCs

Issues

- Sites not publishing according to the recommendations in URL
- Country name
- EGEE ROC
- WLCG Tier status
- Correct information providers
- Correctly configured

- Please check out what your site is publishing and correct as necessary
- LDAP browser in gstat. Compare your site with others

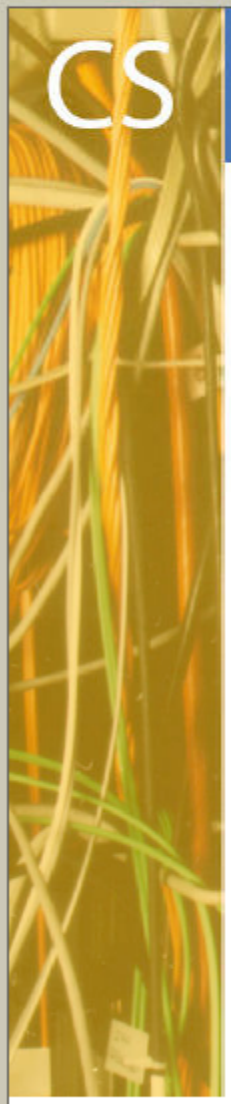
GGUS

- There was an incident in November where a change to GGUS left Vos unable to submit alarm tickets.
- This raised two questions:-
- GGUS quality procedures. Can they convince users that they test changes enough to prevent a repeat?
- Out of hours support.
- GGUS actively working on these. A User Support Advisory Group meeting next week will discuss and I hope that GGUS can present the conclusions and progress to the January GDB

LHCOPN

- Wayne Salter presented some questions to an earlier GDB.
- These have been refined through further discussion and presented to the CB on Nov 13th and then MB on Nov 24th.

Adobe Acrobat Professional - [Questions_from_the_OPN_community-1.pdf]
File Edit View Document Comments Tools Advanced Window Help
Search Create PDF Comment & Markup Send for Review Secure Sign Forms
Select Object Data Tool 86% Help
Bookmarks Signatures Pages Model Tree Attachments Comments



Questions from the OPN community

CERN IT Department

- Should Tier1-Tier1 links (not foreseen for Tier0-Tier1 traffic) be part of LHCOPN?
  - Consistent operational model
  - Fuller overview of Tier0/Tier1 networking for WLCG
  - Known Tier1-Tier1 links not in LHCOPN
    - NLT1-TRIUMF, NLT1-ASGC, FNAL-KIT, NLT1-FNAL
- Are there any new networking requirements, e.g. for improving Tier1-Tier2 connectivity?
  - If so, should LHCOPN community investigate this?
- Should we define SLA for links?

CERN IT Department
CH-1211 Genève 23
Switzerland
www.cern.ch/it

LHCOPN

- MB answered yes to all three questions and gave Wayne a remit to develop the ideas further.
- He would like to form a working group of
  - Networkers
  - Experiment data distribution experts
  - Sites
- Volunteers should form an orderly queue
- Wayne.salter@cern.ch