

Panda GRID status

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on behalf of
Panda GRID Group

Panda XLII. Collaboration Meeting
Paris, 11.09.2012

Panda GRID @ GSI

- Central Services installation status after the May Panda GRID meeting:

- Lightweight Directory Access Protocol (LDAP) ✓ > GSI
- MySQL DataBases (DB) ✓ > GSI, Torino
- AliEn2 Central Services (CS) ✓ > GSI
- PANDA GRID MonaLisa (ML) ⚙️ ✗ > Jh / Torino

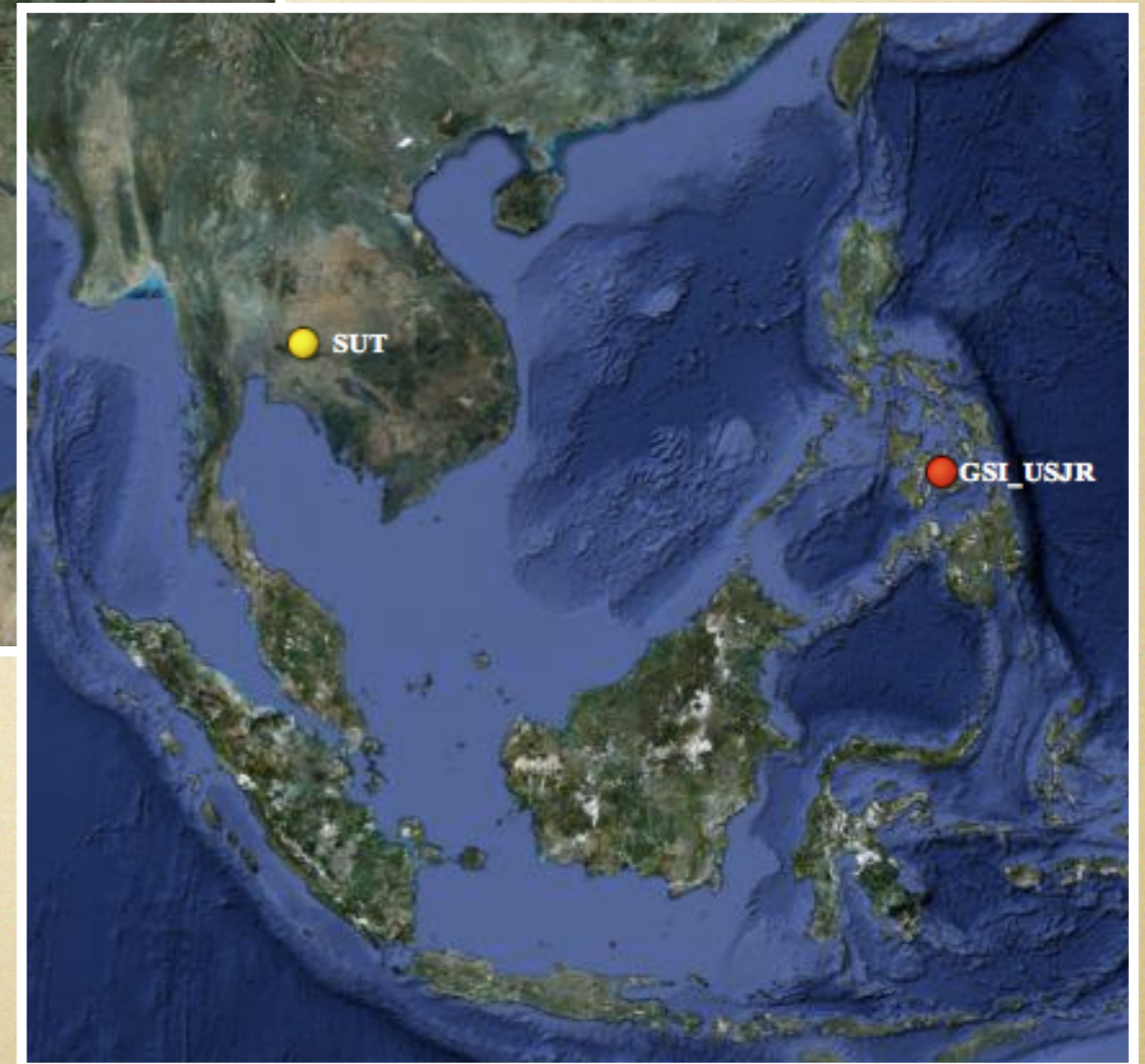
- Recent changes of AliEn required direct interventions of the CERN people to our MySQL and our machine settings - still working to bring the Panda GRID back

Panda GRID Map



~12 sites
~1400 CPUs

SC, LDAP, DB in GSI



Panda GRID Sites

PANDA Grid Machines

Site	VOBox		AliEn services				Proxy timeleft
	Machine	AliEn version	ML	CE	CM	CMreport	
1. Bucharest	panda01.nipne.ro	v2-20.44		Doin...	Ping...	Doin...	7:43
2. Dubna	lxpanda.jinr.ru	v2-20.36		Doin...	Ping...	Doin...	9:07
3. GridServerGSI	lxpandagrid03.gsi.de			-			-
4. GSI_USJR	61.9.87.219		-	-	-	-	-
5. Juelich	ikp642.ikp.kfa-juelich.de			HOLA...	HOLA...		-
6. KVI	kvit14.kvi.nl	v2-20.36					3d 14:06
7. KVI-2G	panda.grid.rug.nl		-	-	-	-	-
8. Mainz	himster.him.uni-mainz.de	v2-20.36					7:29
9. MLTorino	pandafarm01.to.infn.it	v2-20.44		Sep ...	Sep ...	Sep ...	4d 1:55
10. SUT	hpcc.sut.ac.th	v2-20.36					13d 16:03
11. Torino-2G	pandabox.to.infn.it						-
12. Vienna	smigrid02.smi.oeaw.ac.at	v2-20.44		Sep ...	Sep ...	Sep ...	12:04

Jobs share

Because of the database changes the information about old jobs is accessible only from the MySQL, and is not available from Monalisa. Also, the job counter started from 0 again.

status	jobs
DONE	204271
DONE_WARN	4833
ERROR_E	11026
ERROR_IB	1931
ERROR_RE	14766
ERROR_SV	14273
ERROR_V	59
EXPIRED	6338
INTERRUPTED	31
OVER_WAITI	1408
SAVED	338

site	jobs	DONE	ERROR	WAIT	STARTED	RUNNING	SAVE	ZOMBIE	OTHER
	1573	0	0	0	0	0	0	165	1408
PANDA::Bucharest::panda01	31141	25978	4892	0	0	0	0	271	0
PANDA::Dubna::pbs	9570	8212	251	0	0	0	69	1038	0
PANDA::GSI::lxgrid8	88322	74471	12005	0	0	0	0	1815	31
PANDA::Juelich::ce642	1382	1201	169	0	0	0	0	12	0
PANDA::KVI::PBS	36445	32052	3784	0	0	0	242	367	0
PANDA::Mainz::himster	64449	47635	14444	0	0	0	0	2370	0
PANDA::Torino::CREAM	9414	8502	758	0	0	0	0	154	0
PANDA::Torino::PBS	3963	2686	1276	0	0	0	0	1	0
PANDA::Vienna::smigrid02	9123	8367	584	0	0	0	27	145	0

TOTAL NUMBER OF JOBS IN THE LAST 6 MONTH:

259274

Conclusions

- We have to restore the stability of the Panda GRID
- We are waiting for the working java version of the ROOT API, which will simplify the job submission process
- We have to regain the users' trust