



**Universität
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Report from the Data Transfer Shift

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DATA:

Cosmics raw data(TRD PID references):

- * 2009 B=0.2T
- * 2009 B=0.5T

Missing files (11 runs) from LHC10d

LHC10e pass-2:

- * 25 runs (39M)
- * list updated on svn
- * re-run when reconstruction is complete (now 88%)

LHC10f/g: 10% random chunks requested

- * data was already at GSI; nothing done

SIMULATION pp:

LHC10f6a:

- * 61 runs (172M)
- * 13% of chunks missing
- * still running on node 2
- * lists update for last pp train, should be updated for today

LHC10e20:

- * 74 runs (14.5M events)
- * 20% of chunks missing
- * lists on svn ???

LHC10e21:

- * 74 runs (15M events)
- * 13% of chunks missing
- * still running on node 1
- * lists on svn ???

LHC10f6:

- * running on node 3

SIMULATION PbPb:

LHC11a3:

- * 5 runs (225k events)
- * 21% of chunks missing
- * lists updated on svn

Transfers demands up to now:

- * TRD Krypton run 140381 when it appears Alien
- * complete pp LHC10e pass2
- * complete LHC10f6a
- * complete LHC10e20 and LHC10e21
- * complete LHC11a3 - MC PbPb

Very discontinuous run:

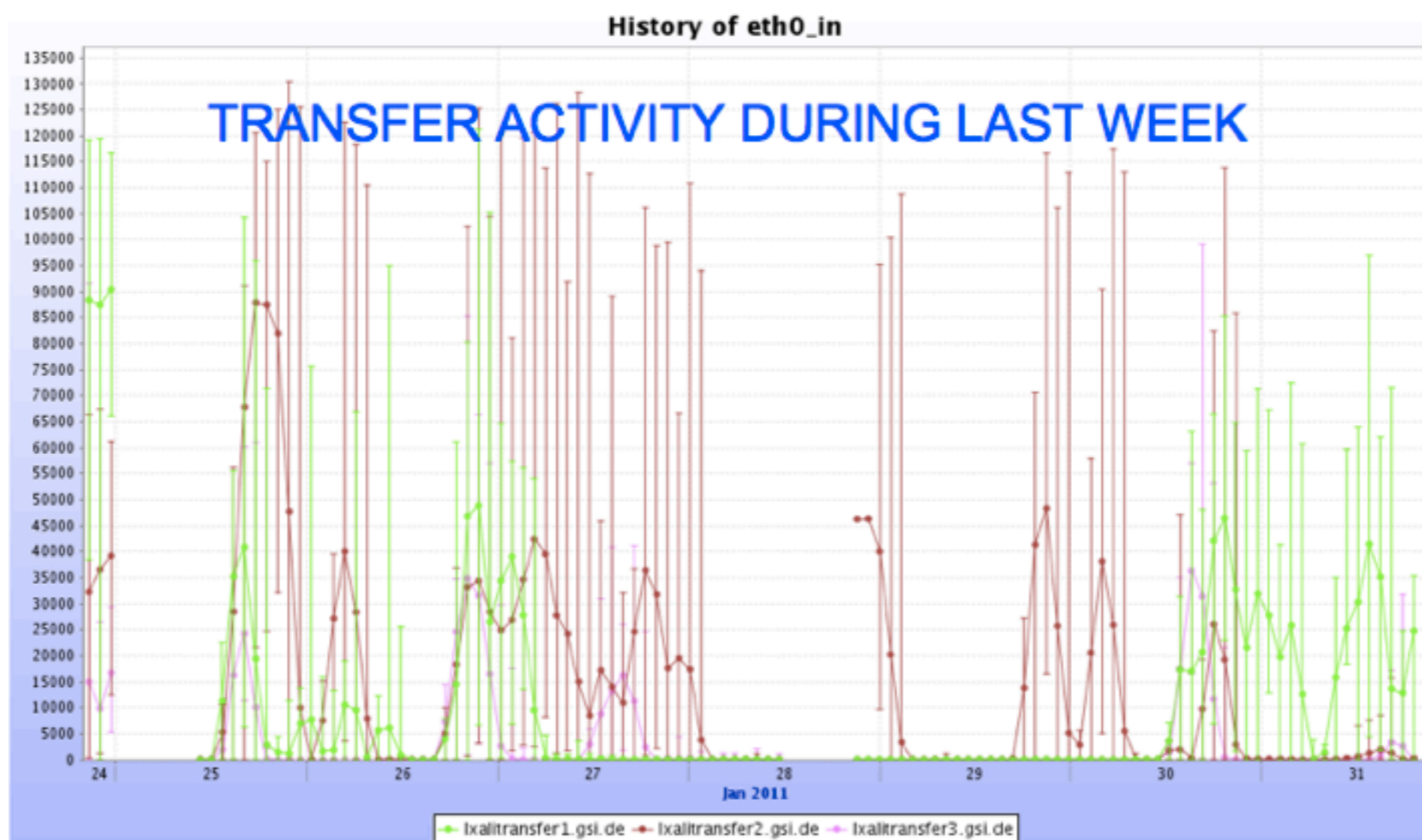
- * machines can stay one day with transfer rate of some kB/s (see next slide)
- * re-start the transfer does not help

***Black Lists is being updated
(datatransfer/database/)***

** LHC10d pass2*

** LHC10f6a (Ana)*

should be done before today's train



NODE	Last	Min	Average	Max
Ixalitransfer1	24753	6.275	11257	121200
Ixalitransfer2	193.3	3.269	15366	130413
Ixalitransfer3	9.555	5.581	3494	99106
TOTAL	8318		10039	

Problems during shift(Yvonne)

- Transfer status of node not visible in ML (fixed by Kilian Schwarz)
- Node 3 had no access to home directory (fixed by Kilian Schwarz)
- Alien down Several restarts of various nodes

Update on Transfer scripts

For MC(as we have for read data)

- * retrieve production info(nEvents,chunks) info from ML(*alien independent*)
- * generate train update lists after removing files on blacklist
- * create summary table

`root / train / trunk / STEER / datatransfer / summary / LHC11a3_SIM / summaryTable.txt`

Revision **5046**, 0.7 kB (checked in by mkweon, 4 hours ago)
new summary table

Line													
1	=====												
2	Runs for LHC11a3												
3	=====												
4			chunks	chunks	chunks	chunks	chunks	chunks	chunks	chunks	chunks	chunks	list
5	runNo	nEvt	[ML]	[GSI]	ok[GSI]	bad[GSI]	blk[GSI]	mis[GSI]	%mis[GSI]	train	%train		
6	=====												
7	137161	47810	4928	4836	4834	2	0	92	1.8	4834	100.0	PbPb	
8	137162	45420	4982	4846	4846	0	0	136	2.7	4846	100.0	PbPb	
9	137232	39320	4924	4847	4840	7	0	77	1.5	4840	100.0	PbPb	
10	137236	48040	4964	4913	4829	84	0	51	1.0	4829	100.0	PbPb	
11	137243	45000	4923	0	0	0	0	4923	100.0			_____	

Using same scripts for both MC, read data:

- >. runCheck.sh
- >. runSummary.sh

To do:

- * full test during HD shift
- * update README