Tier2 – Monitoring

Status Report
16.10.-30.10.2007

Benedikt Mura

- SAM errors

- ARDA Dashboard

- MC production

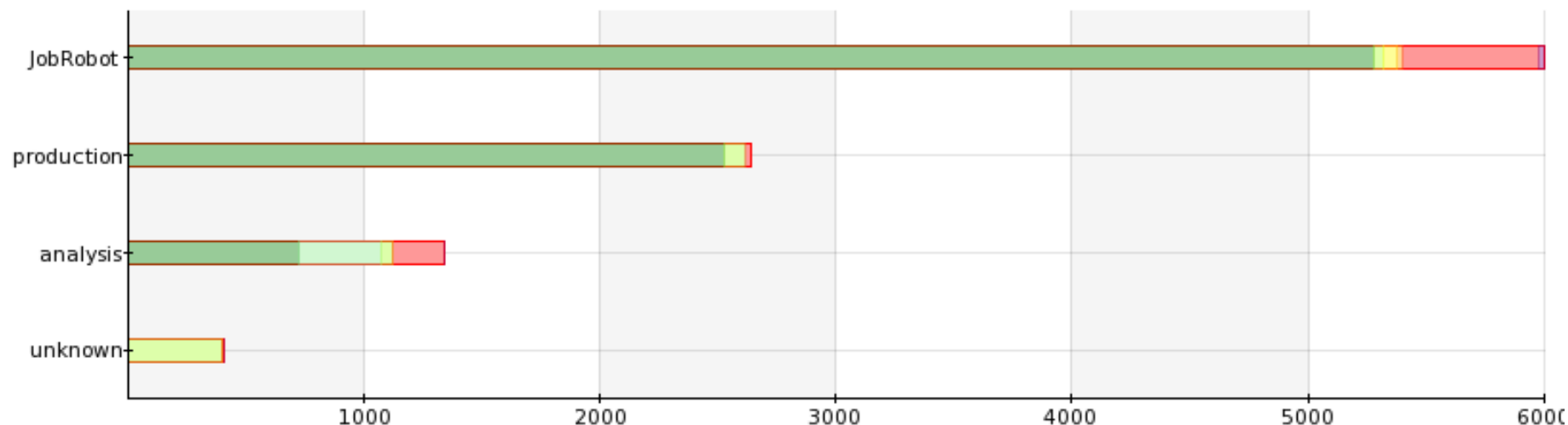- PhEDEx transfers

Service **A**vailability **M**onitoring

- grid-ce3:
  - **swinst warning** due to missing CMSSW version 1_2_3 & 1_3_1
    - ERROR: CMSSW version CMSSW_1_3_1 not installed
    - ERROR: CMSSW version CMSSW_1_2_3 not installed
  - **mc** test: no status available

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DESY-HH Dashboard

From   2007-10-16 17:48:29   until   2007-10-30 17:48:29
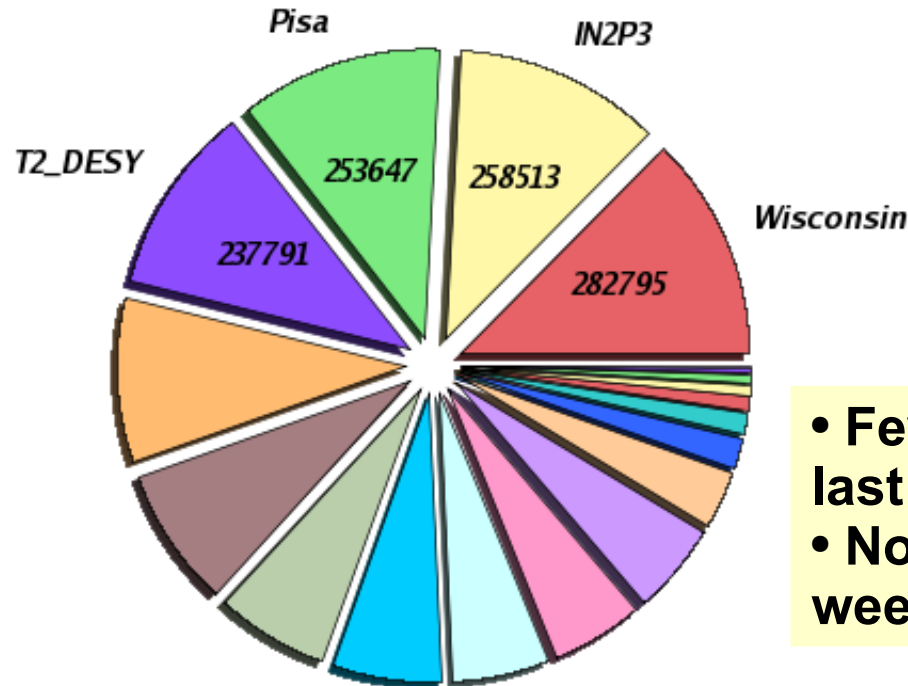

jobs per activity

submitted		app-succeeded		app-failed	app-unknown	pending	running	aborted	cancelled

activity↓	Grid		Application				Overall	
	#	%	Succ	Fail	Unk	App%	D/S	%
JobRobot	6006	89.09	5282	0	636	100	4538	76.68
analysis	1342	79.08	726	347	264	67.66	631	47.2
production	2641	99.01	2529	0	112	100	2527	95.68
unknown	413	98.74	0	0	409	0	0	0
total	10402	91.23	8537	347	1421	96.09	7696	74.68

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MC Production

ProdAgent Merge Events Written by Site (Sum: 2235101 Events)
48 Hours from 2007-10-20 08:18 to 2007-10-22 08:18 UTC

- Pisa 253647
- IN2P3 258513
- T2_DESY 237791
- Wisconsin 282795

- Few production jobs last week
- No production this week

Wisconsin (282795)   IN2P3 (258513)   Pisa (253647)   T2_DESY (237791)   WARSAW (204414)
Taiwan (175316)   Legnaro (142578)   T2_Belgium (136706)   London_IC_HEP (119893)   Florida (116002)
Belgium_UCL (115015)   CSCS (73599)   Purdue (38705)   Estonia (26799)   MIT (18647)
UCSD (13681)   Caltech (12000)   Bari (6800)   FNAL (2200)

PhEDEx Transfers to DESY (debug)
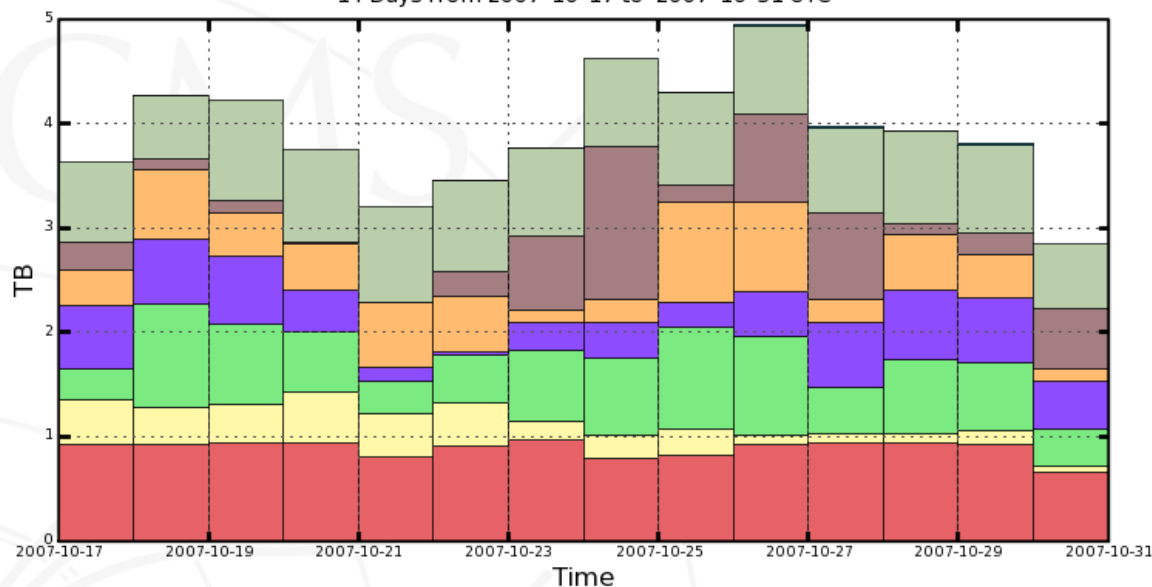
Commissioned links fromT1s
- CERN
- CNAF
- FNAL
- FZK
- IN2P3

And of course from RWTH.

• In general good performance
• Up to 5 TB/day

CMS PhEDEx - Transfer Volume
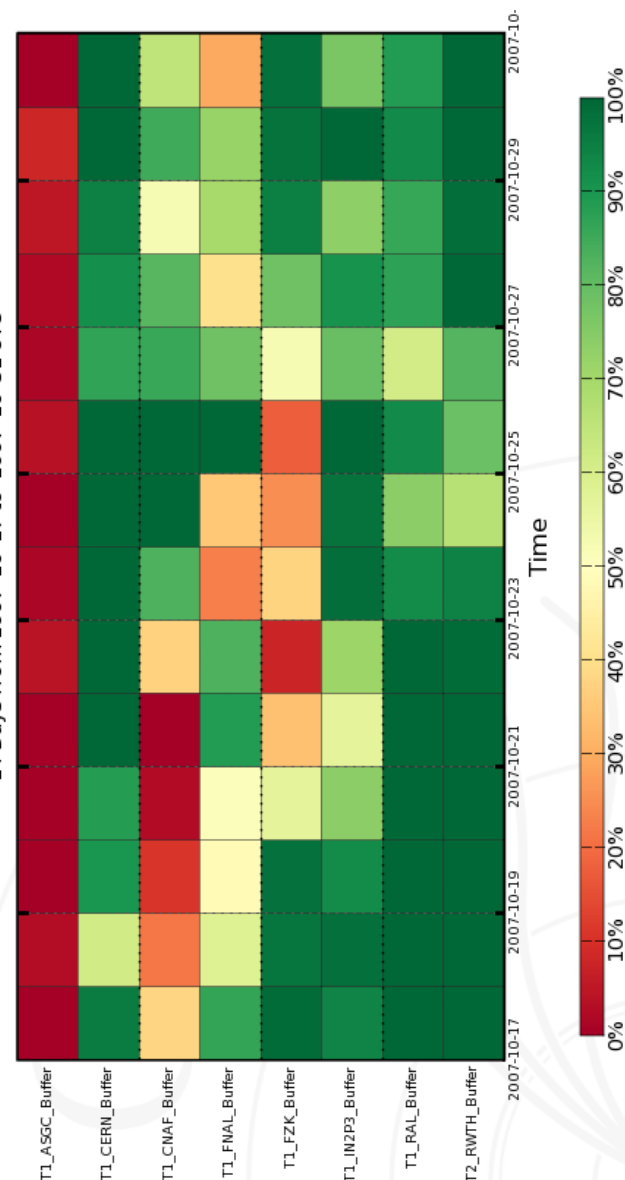14 Days from 2007-10-17 to 2007-10-31 UTC

Legend: T1_ASGC_Buffer, T1_CERN_Buffer, T1_CNAF_Buffer, T1_FNAL_Buffer, T1_FZK_Buffer, T1_IN2P3_Buffer, T1_RAL_Buffer, T2_RWTH_Buffer

Maximum: 4.95 TB, Minimum: 2.84 TB, Average: 3.91 TB, Current: 2.84 TB

CMS PhEDEx - Transfer Quality
14 Days from 2007-10-17 to 2007-10-31 UTC

PhEDEx Transfers from DESY(debug)
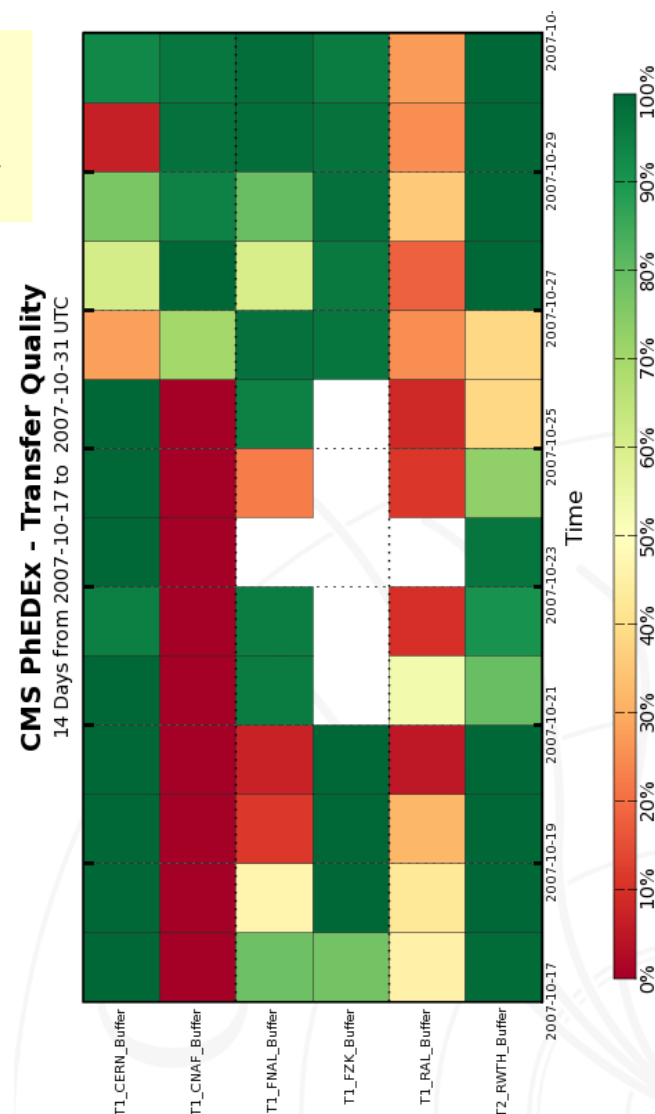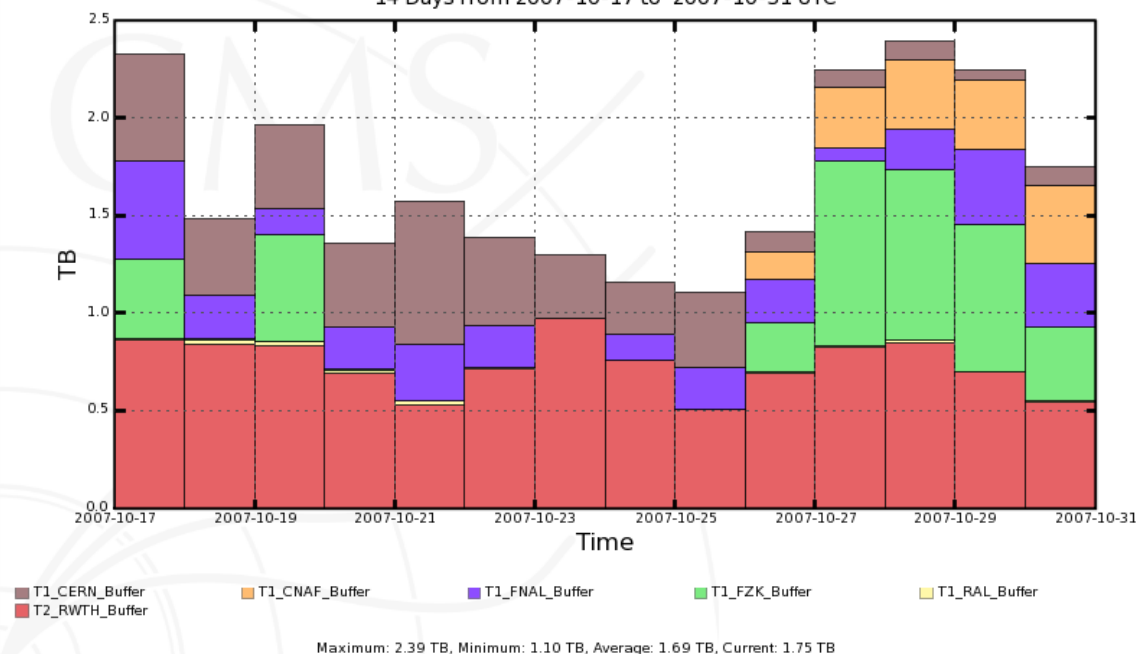
Commissioned links to T1s
- FZK
- CERN

Close to being commissioned
- FNAL
- CNAF

- In general good performance
- Up to a 2.5 TB/day

CMS PhEDEx - Transfer Volume
14 Days from 2007-10-17 to 2007-10-31 UTC

Maximum: 2.39 TB, Minimum: 1.10 TB, Average: 1.69 TB, Current: 1.75 TB

CMS PhEDEx - Transfer Quality
14 Days from 2007-10-17 to 2007-10-31 UTC

PhEDEx Transfers to DESY (prod)

- Only few activity
- Rate & Quality acceptable

CMS PhEDEx - Transfer Rate
14 Days from 2007-10-17 to 2007-10-31 UTC

T1_CERN_Buffer   T1_FNAL_Buffer

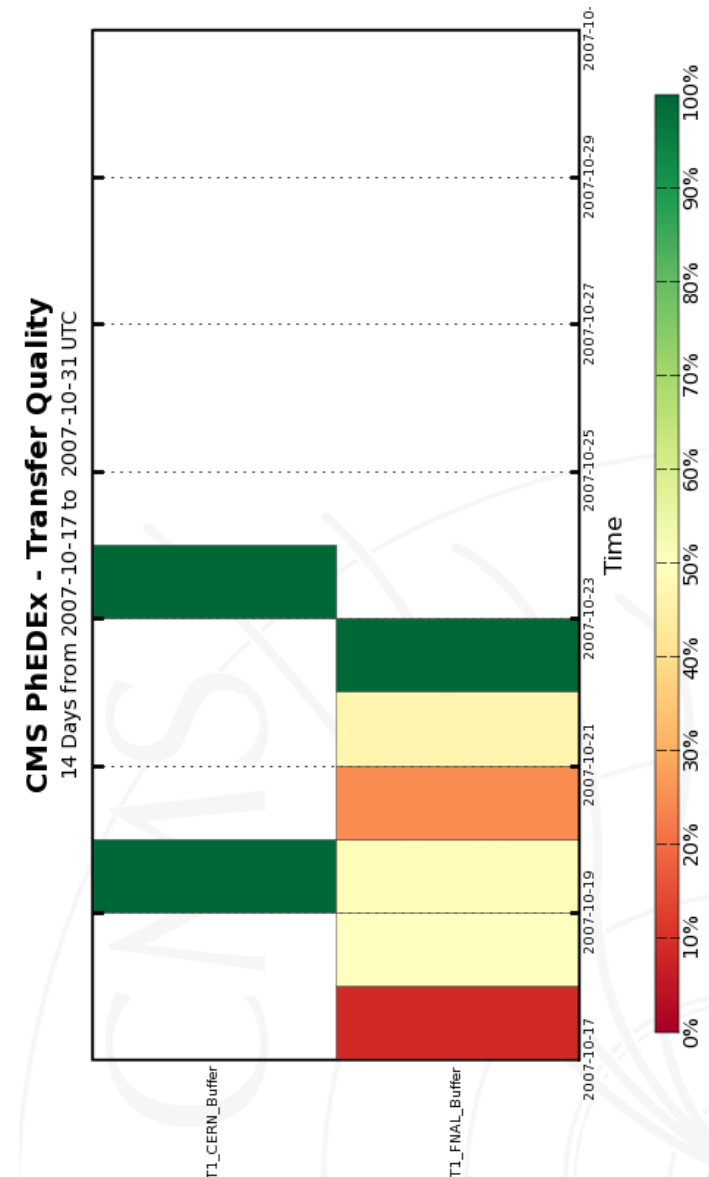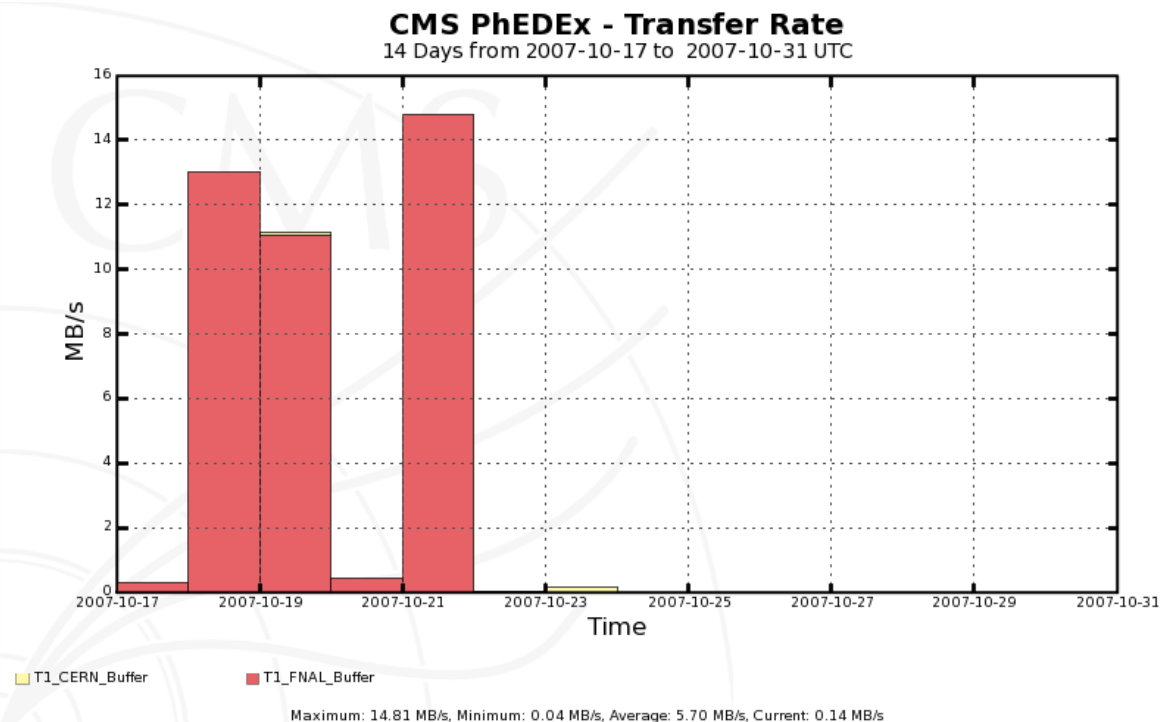Maximum: 14.81 MB/s, Minimum: 0.04 MB/s, Average: 5.70 MB/s, Current: 0.14 MB/s

CMS PhEDEx - Transfer Quality
14 Days from 2007-10-17 to 2007-10-31 UTC

PhEDEx Transfers from DESY(prod)

- Only few activity
- Rate & Quality acceptable

CMS PhEDEx - Transfer Rate
14 Days from 2007-10-17 to 2007-10-31 UTC

Maximum: 20.29 MB/s, Minimum: 0.24 MB/s, Average: 5.82 MB/s, Current: 0.67 MB/s

T1_FZK_Buffer   T2_RWTH_Buffer

CMS PhEDEx - Transfer Quality
14 Days from 2007-10-17 to 2007-10-31 UTC