
Status Report 07/08/08-22

- **Service Availability Monitoring (SAM) Error Occurrences**
- **MC Production status at DESY**
- **JobRobot Activities**
- **PhEDEx Transfer Rate**

SAM Error Occurrences

- SAM: A bunch of **dummy test jobs** of CMS to **test the availability** of the registered CE's
- 6 of those are listed on the DESY T2 Monitoring webpage (*basic, frontier, mc, sqjud, swinst, job*)

grid-**ce0**.desy.de:

- OK:
Last 24h only

grid-**ce2**.desy.de:

- OK:
Last 24h only

grid-**ce3**.desy.de:

- ERROR:
07/18 (24h) swinst/frontier

SAM history does not work...

- ce0,1 ok, **ce3 has wrong configuration**

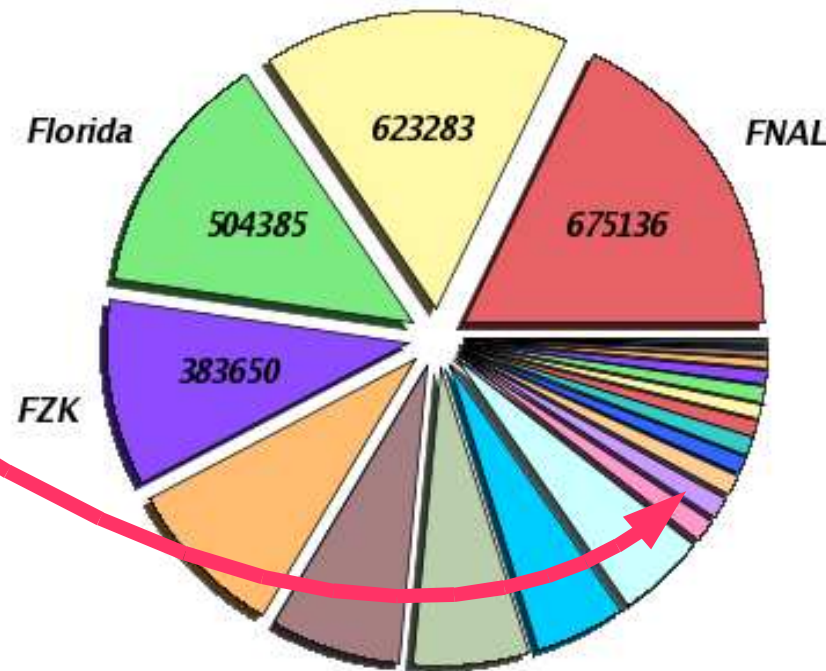
- Most common errors:

- timeout after 600sec (mc) <https://lcg-sam.cern.ch:8443/sam/sam.py?funct=TestResult&nodename=grid-ce3.desy.de&vo=CMS&testname=CE-cms-mc&testtimestamp=1187706700>
- CMSSW_1_3_1 not installed <https://lcg-sam.cern.ch:8443/sam/sam.py?funct=TestResult&nodename=grid-ce3.desy.de&vo=CMS&testname=CE-cms-frontier&testtimestamp=1187713375>

MC Production Activity

ProdAgent Merge Events Written by Site (Sum: 3782489 Events)

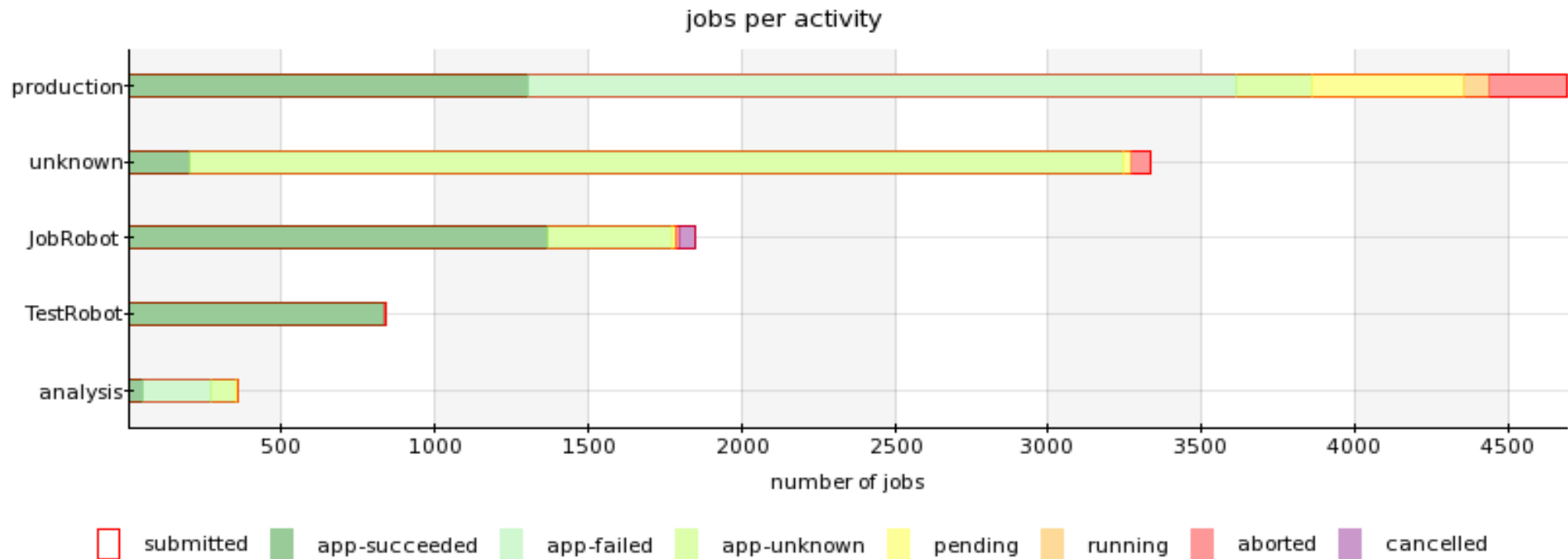
48 Hours from 2007-08-19 14:53 to 2007-08-21 14:53 UTC



- Just as an example
- Varying production activities at DESY all time

JobRobot Activities

- DESY T2 Job Activities monitored from 07/08/08(12:00)-22(17:00)
- DESY HH only, any application, sorted by application

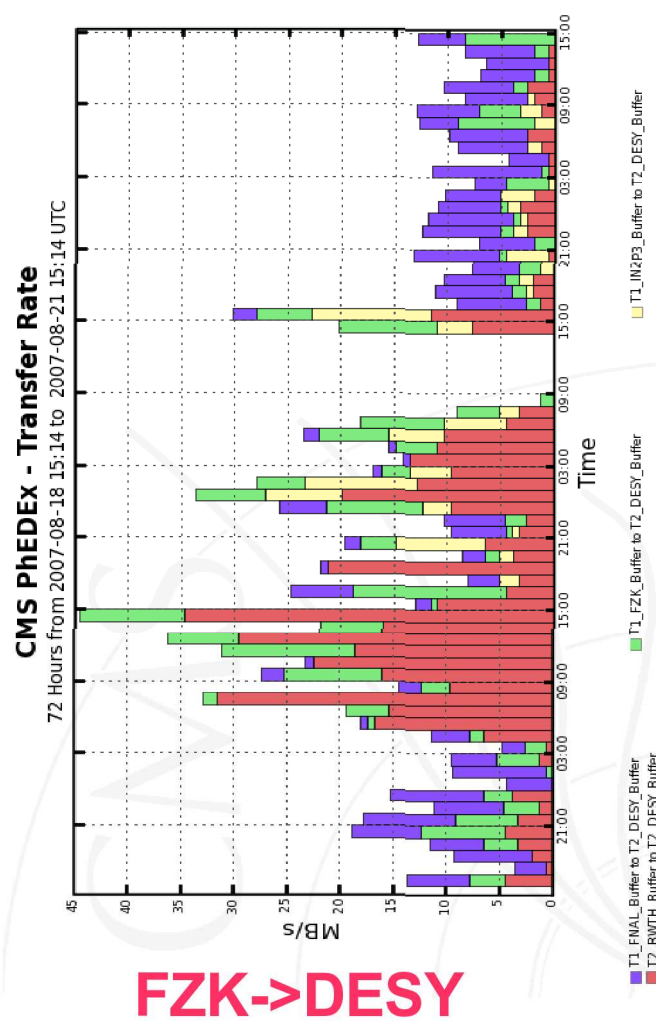


- Grid efficiency: **99%** (job_robot)
- Application efficiency: **100%** (job_robot)
- Over All efficiency: **74%** (job_robot)

Stable

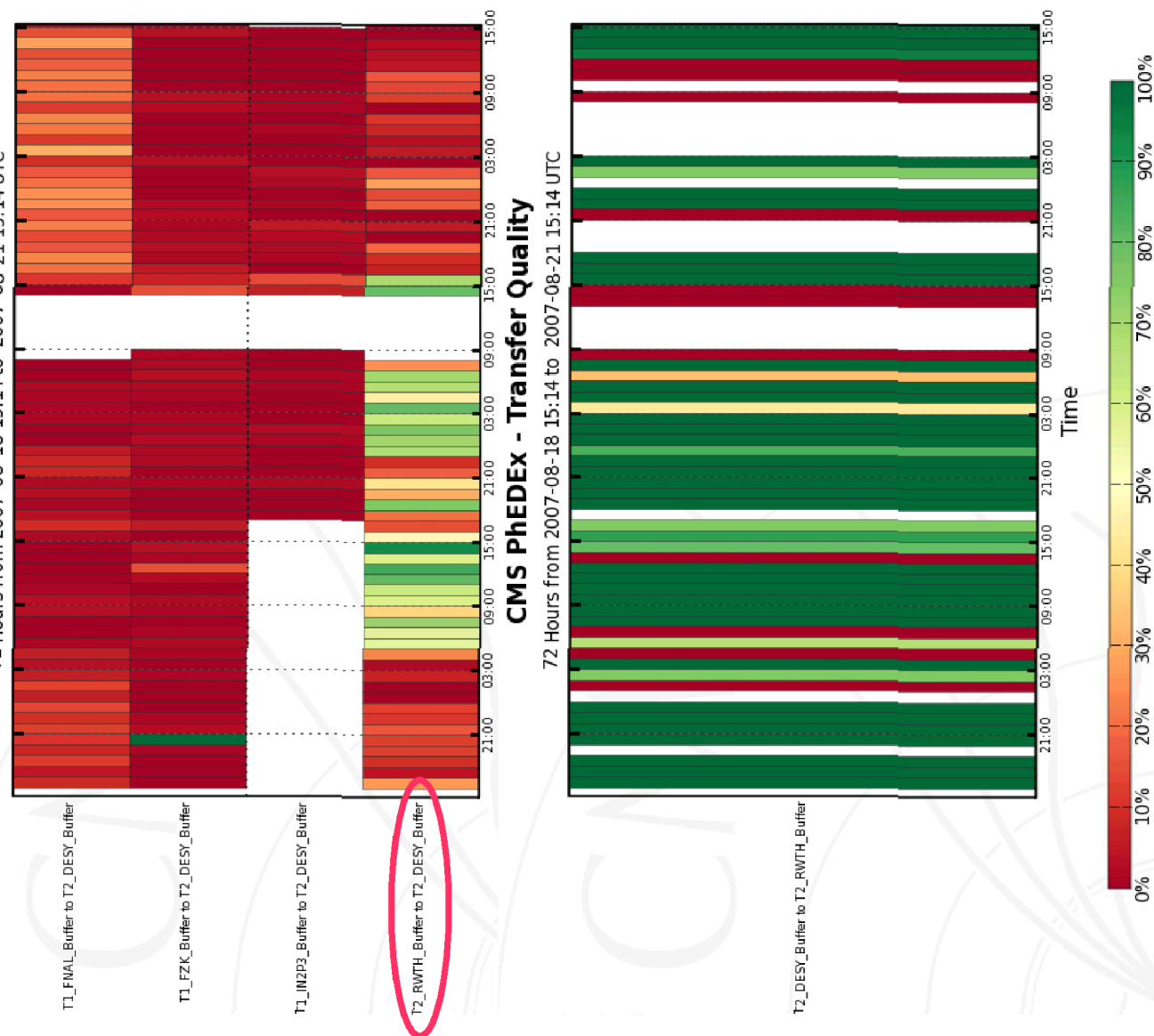
PhEDEx Transfers

Last 72 hours:



Maximum: 44.50 MB/s, Minimum: 1.30 MB/s, Average: 14.96 MB/s, Current: 12.86 MB/s

CMS PhEDEx - Transfer Quality
72 Hours from 2007-08-18 15:14 to 2007-08-21 15:14 UTC



Conclusions

- SAM test history **does not work**?! Change in CE setup? CE3 wrong configured
- Varying but steady MC Production activity at DESY
- JobRobot Activities have an **efficiency of ~75%** (cmp to ~80% 1 month ago)
- PhEDEX: transfers FZK <--> DESY better than 0% efficient