

TIER2 – Monitoring

Shifters report 15.08.-22.08. 2007

Christian Sander

- SAM status
- ARDA dashbord
- PhEDEx transfers
- MC Production

Service Availability Monitoring

- grid-ce0.desy.de: **Test-history not working**
(on Tuesday morning ok!)
- grid-ce1.desy.de: on maintenance
- grid-ce2.desy.de: **Test-history not working**
(on Tuesday morning ok!)
- grid-ce3.desy.de: **Test-history not working**;
on Tuesday morning errors with **frontier** and **swinst**

SAM - cont.

- Frontier error message:

```
node: grid-wn0316.desy.de
scramv1 project CMSSW CMSSW_1_3_1 ... starting
scramv1 project CMSSW CMSSW_1_3_1 ... starting
Creating a developer area based on project CMSSW, version
CMSSW_1_3_1
Getting project release area....
Error...no release area!
SCRAM fatal: No release area found.
CMSSW_frontier.sh: Error. CMSSW_1_3_1 not available
```

SAM needs SL3 software versions!!!
not available on ce3!!!

SAM - cont.

- Swinst error message:

Retrieving list of CMSSW versions installed

```
scramv1 list -c CMSSW
```

```
WARNING: scramv1 list error
```

Parsing list of installed CMSSW versions

```
Checking version CMSSW_1_3_1 installation
```

```
scramv1 project CMSSW CMSSW_1_3_1
```

```
Creating a developer area based on project CMSSW, version CMSSW_1_3_1
```

```
Getting project release area.... Error...no release area! SCRAM fatal: No  
release area found.
```

```
CMSSW version CMSSW_1_3_1 project configuration failed
```

```
Checking version CMSSW_1_2_3 installation
```

```
scramv1 project CMSSW CMSSW_1_2_3
```

```
Creating a developer area based on project CMSSW, version CMSSW_1_2_3
```

```
Getting project release area.... Error...no release area! SCRAM fatal: No  
release area found.
```

```
CMSSW version CMSSW_1_2_3 project configuration failed
```

```
ERROR: Some of the required CMSSW versions not found or not working
```

DESY-HH Dashboard

any user ▼

DESY-HH (Hamburg, Germany) ▼

any ce ▼

any submissiontool ▼

any dataset ▼

any application ▼

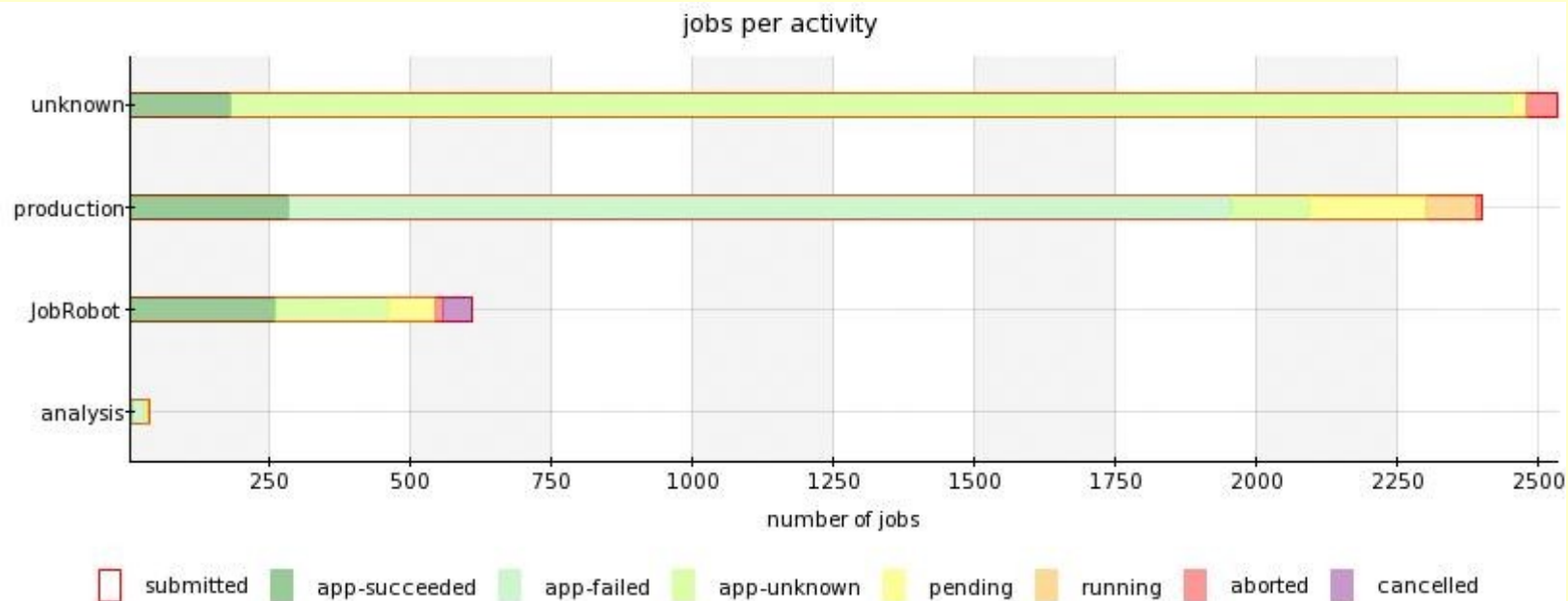
any rb ▼

any activity ▼

any grid ▼

☐ unk
 ☐ pend
 ☐ run
 ☐ term
 ☐ done
 ☐ canc
 ☐ abort
 ☐ g-unk
 ☐ succ
 ☐ fail
 ☐ a-unk
 ☐ donesuccess

2007-08-15 09:52:58 to 2007-08-21 09:52:58

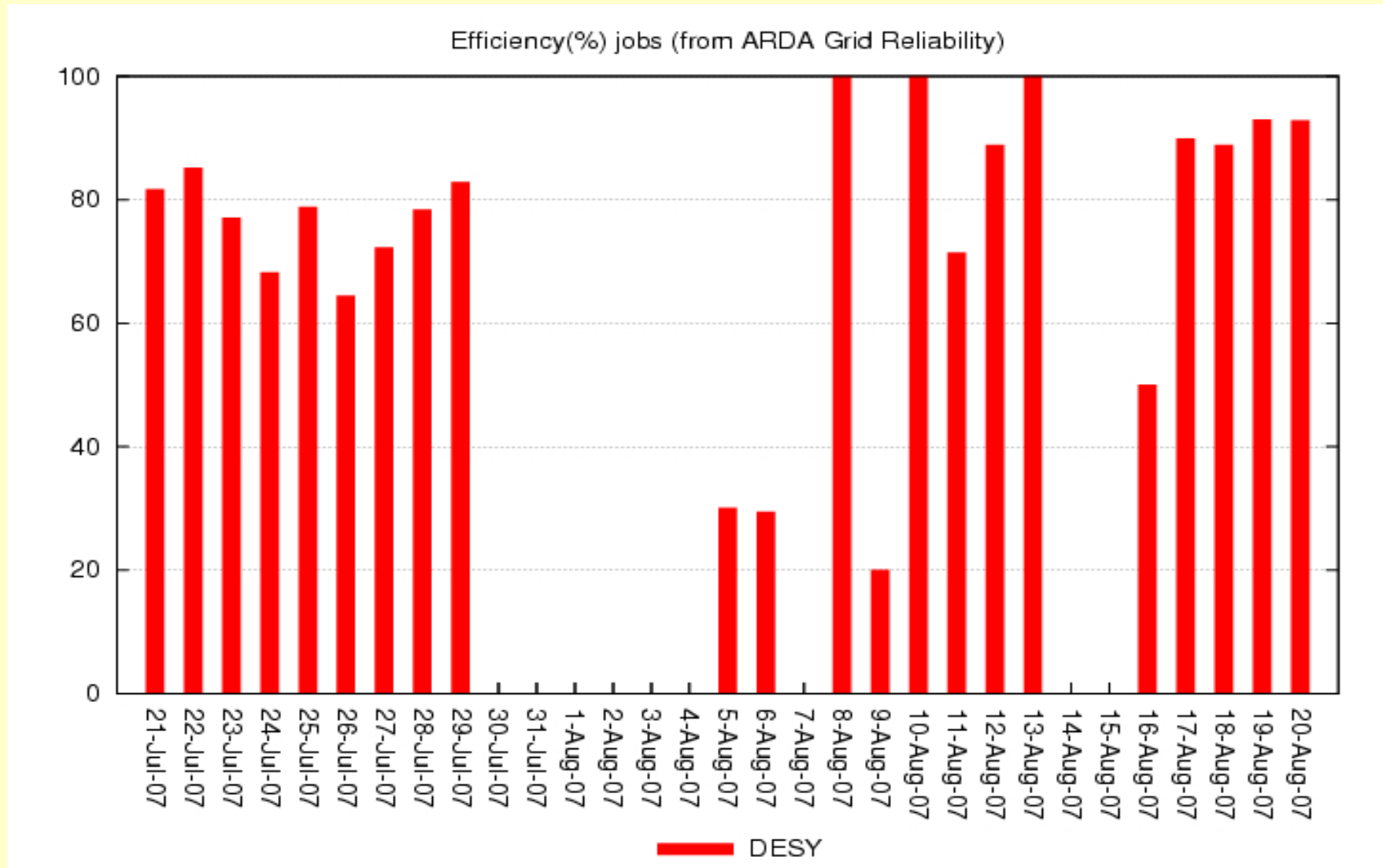


Application	#	Grid	Application				Overall	
		%	Success	Failed	Unknown	%	D/S	%
JobRobot	607	97.26	258	0	267	100	258	49.14
analysis	35	100	5	20	7	20	5	15.63
production	2402	99.48	284	1670	151	14.53	284	13.49
unknown	2536	97.81	181	0	2330	100	181	7.21

Dashboard - cont.

- JobRobot efficiency is not very good (~50%); output is retrieved successful by user, but EXIT code is undefined???
- 1670 failed production jobs (mainly over weekend): maybe related to missing site_info config files on new grid-ce3; Yves is aware of this ... site_info file copied on Monday 20.08. ... so far no improvement ... connected to SAM problems on ce3?

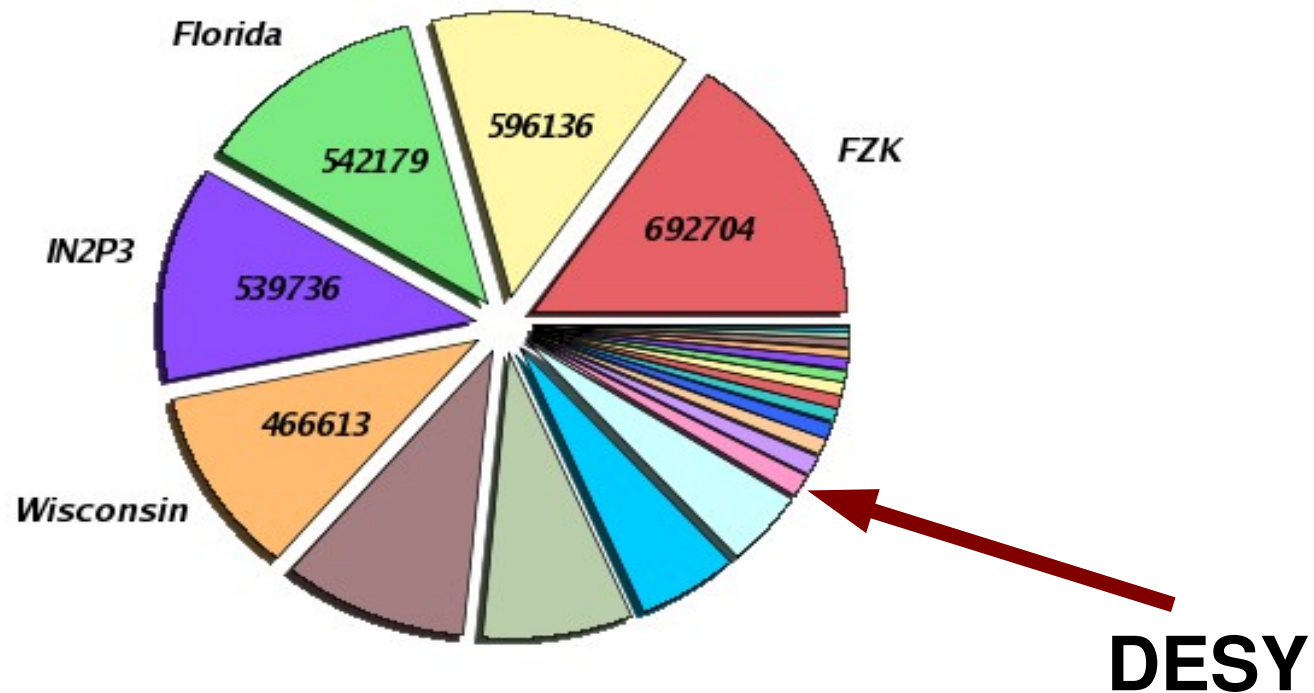
ARDA Grid Reliability



MC Production

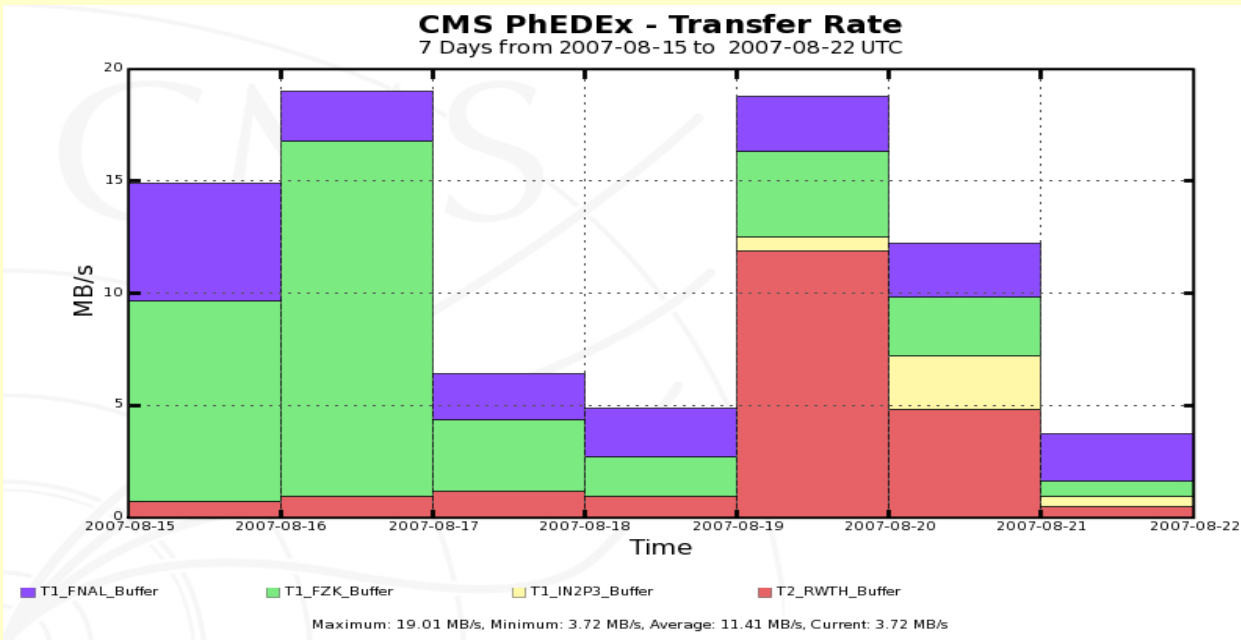
ProdAgent Merge Events Written by Site (Sum: 4443946 Events)

48 Hours from 2007-08-19 09:09 to 2007-08-21 09:09 UTC

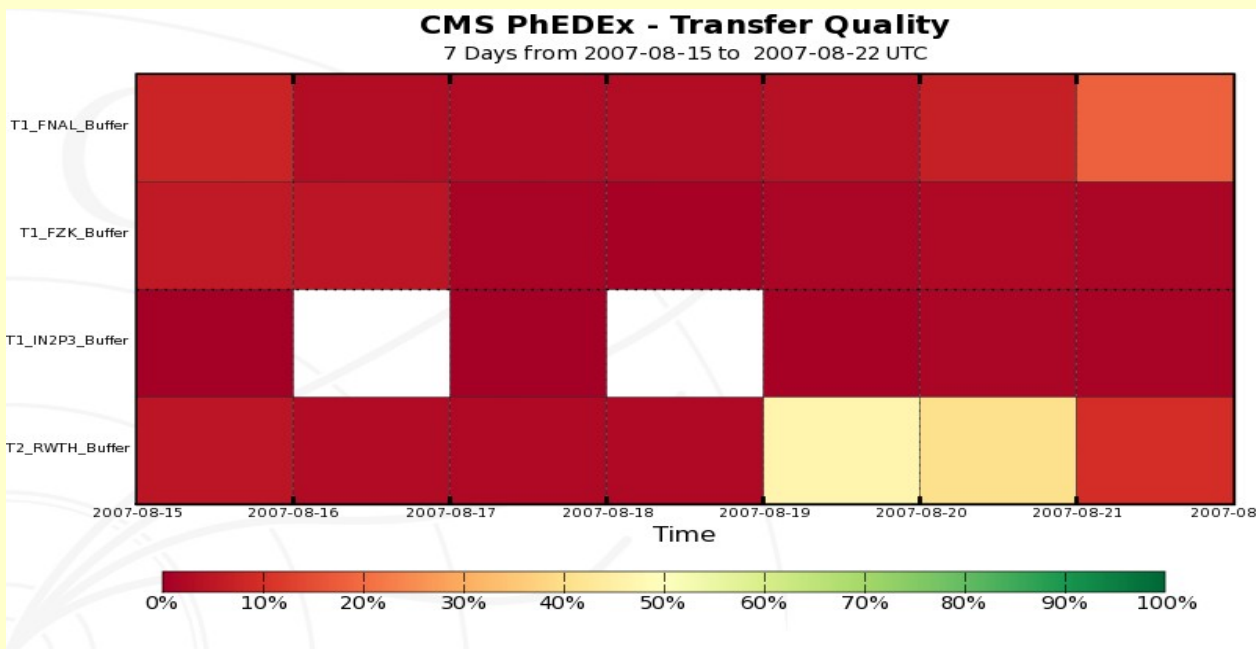


FZK (692704)	FNAL (596136)	Florida (542179)	IN2P3 (539736)	Wisconsin (466613)
Nebraska (430438)	MIT (347482)	Caltech (230358)	Spain_CIEMAT (190316)	RutherfordPPD (54627)
WARSAW (50504)	Vienna (40153)	London_Brunel (39256)	Pisa (33501)	SPRACE (31067)
T2_Belgium (28803)	BUDAPEST (28156)	London_RHUL (27336)	Spain_IFCA (23903)	LIP-Lisbon (20354)
Belgium_UCL (17241)	Purdue (7736)	Taiwan (4349)	T2_DESY (998)	

PhEDEx – Transfer to DESY

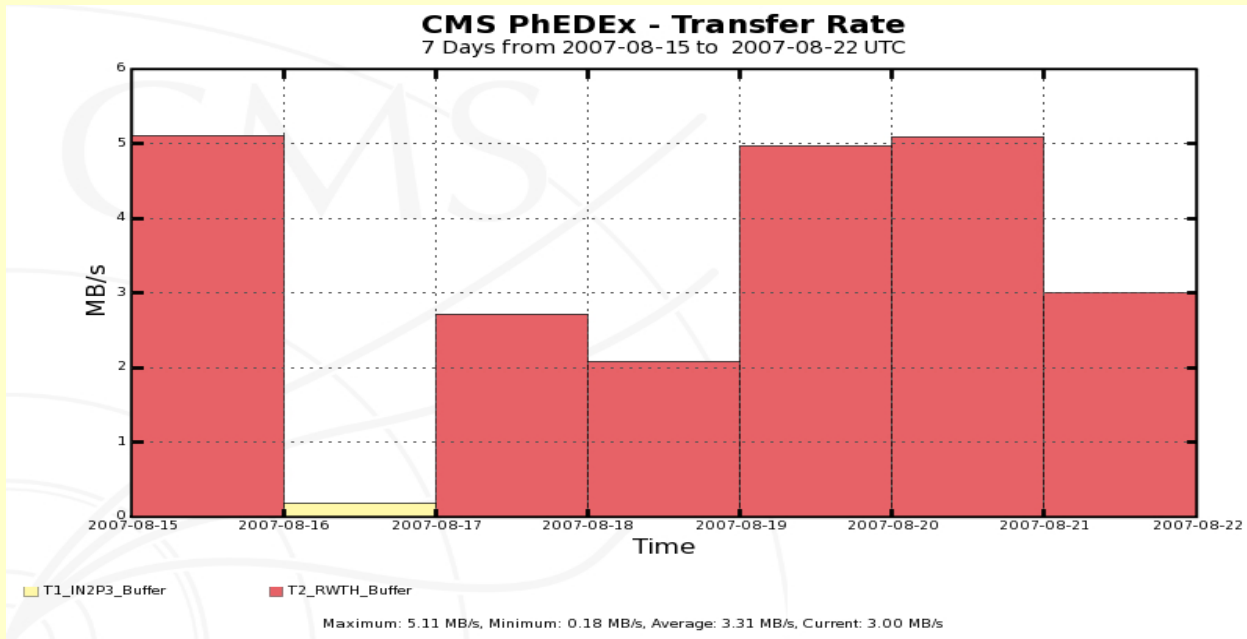


- Average transfer rate ~ 11 MB/s

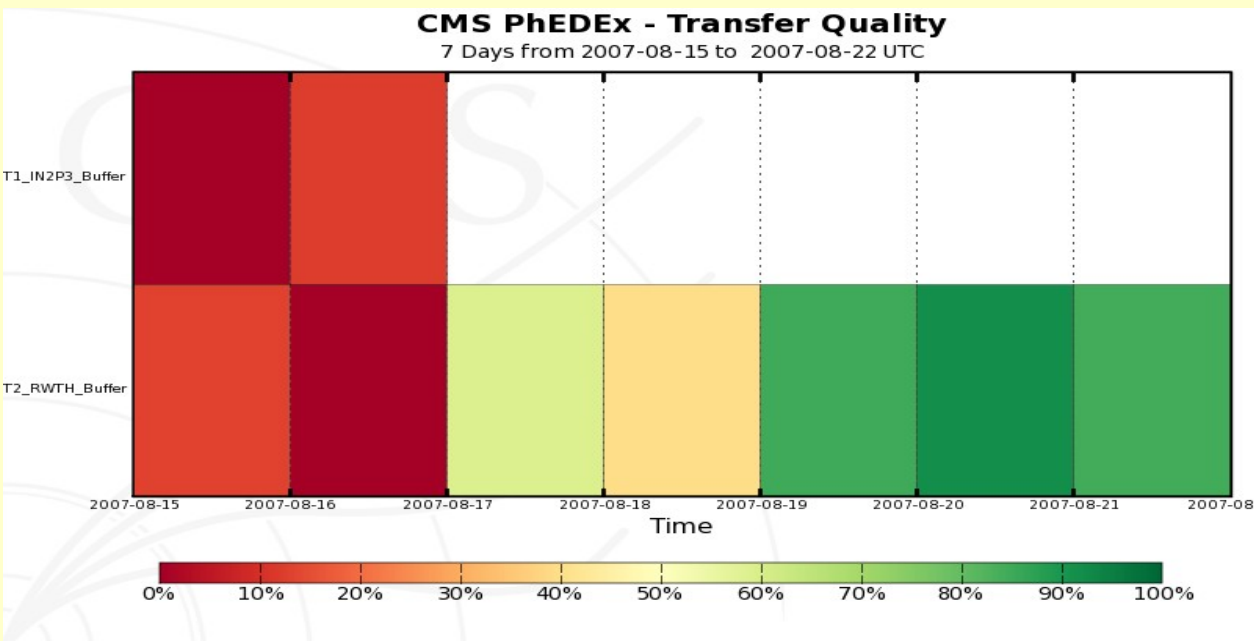


- Quality is bad

PhEDEx – Transfers from DESY



- Only one reasonable link to Aachen



- Quality in the last days ok!