

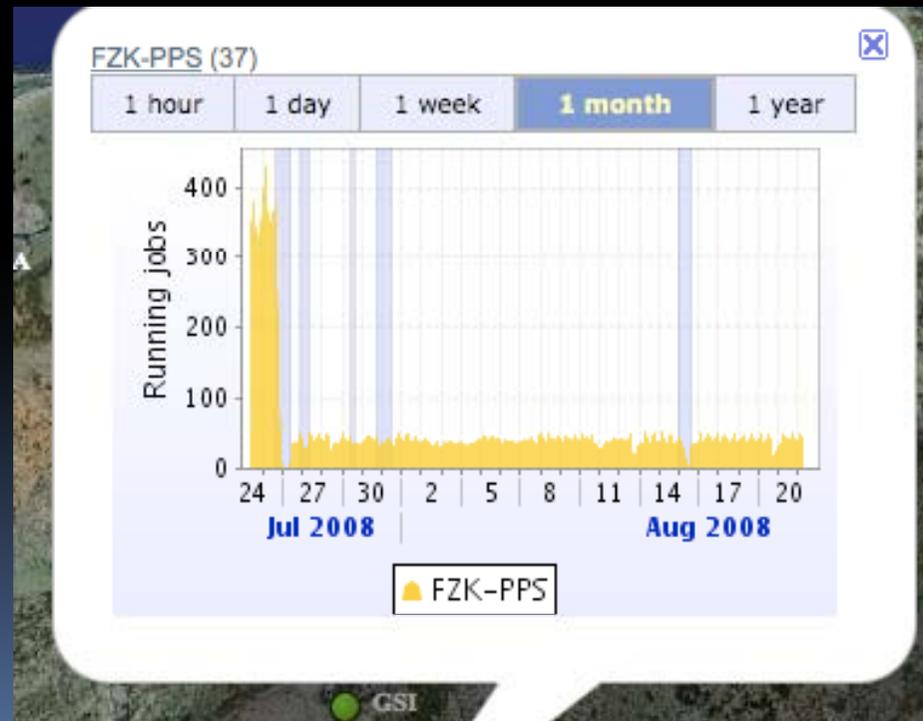


CREAM CE

ALICE TF MEETING (21/08/08)

The CREAM CE performance

- The CREAM CE is showing an stable an nice performance since we put it in production
- Once the performance was ensured, the number of resources has been decreased to 30-40 CPUs
- Since the last presentation, we have concentrated in the stability tests rather than in new implementations



CREAM CE: direct submission

- Changes in the jdl after the last presentation:
 - `Outputsandboxbasedesturi=« gsiftp://localhost»`
 - This field is mandatory if the `Outputsandbox` is specified
 - It defines the gridftp server where the outputs have to be retrieved at the end of the job
 - We were leaving the OSB into the CREAM CE
 - Via `globus-url-copy` (low level tool) we were later retrieving the output from the CREAM CE
- Retrieval procedure
 - This solution is very dirty
 - We can fulfill the CREAM CE in a no effective way
 - The 4 LHC experiments asked to eliminate the gridftp server of the VOBOX with the `gLite3.1` version
 - We need it back: In the vobox or outside we need a gridftp server at all sites providing CREAM CE
 - The gridftp server has been provided by the site manager at FZK into the VOBOX
 - Current implementation (done this week):
 - `Outputsandboxbasedesturi= «gsiftp://pps-vobox-fzk.gridka.de:2811/tmp/jobid»`

CREAM CE: what is missed in our implementation

- We are doing the following:
 - `export X509_USER_PROXY=delegated one`
 - `glite-ce-job-submit -a -r <ceid> myjdl1`
- We must do the following:
 - `export X509_USER_PROXY=delegated one`
 - `glite-ce-delegate-proxy -e <ce endpoint> <delid>`
 - `glite-ce-job-submit -D <delid> -r <ceid> myjdl1`
 - `glite-ce-job-submit -D <delid> -r <ceid> myjdl2`

CREAM CE: Direct submission

- It has however a point to remark:
 - We begin the 1st submission with a 48h proxy
 - We do not delegated anymore, so in 2 hours the proxy user with which we submit will be 46h
 - From time to time we will have to refresh the proxy
- Next meeting with the developers the 26th of Aug
 - Several procedures which we should done manually now should be included in the next release
 - We need top know the future releases plans and distribution across all the sites