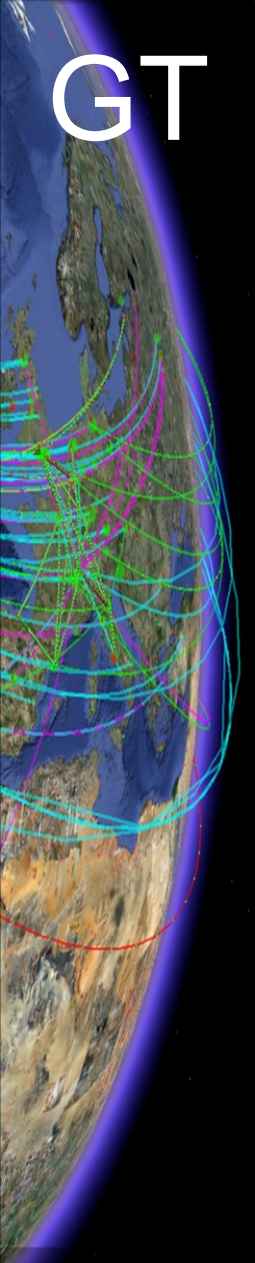
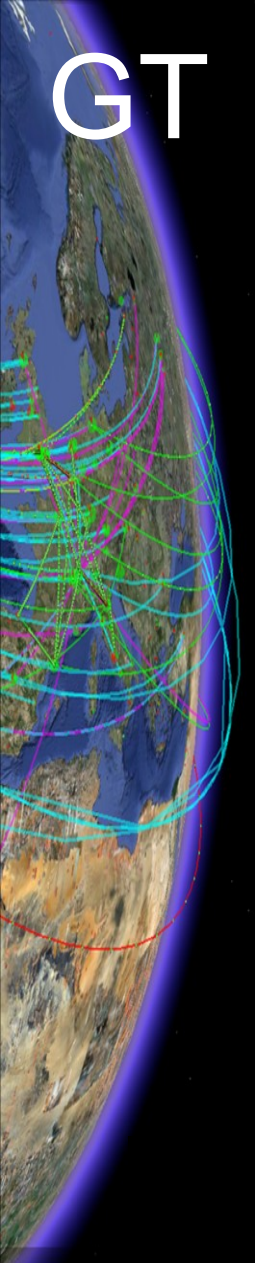


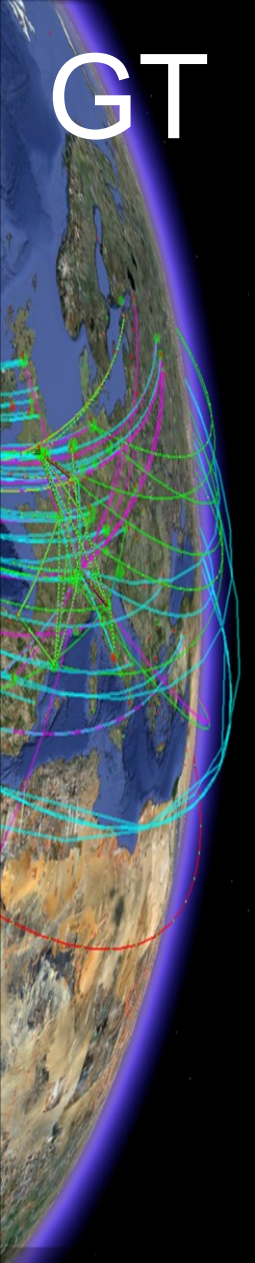
# Monitoring infrastructure and CREAM

David Collados



- Identify possible showstoppers or issues related to monitoring for CREAM
- LCG-CE & CREAM Nagios probes
- Site availability computation
- Blacklisting of CREAM through FCR



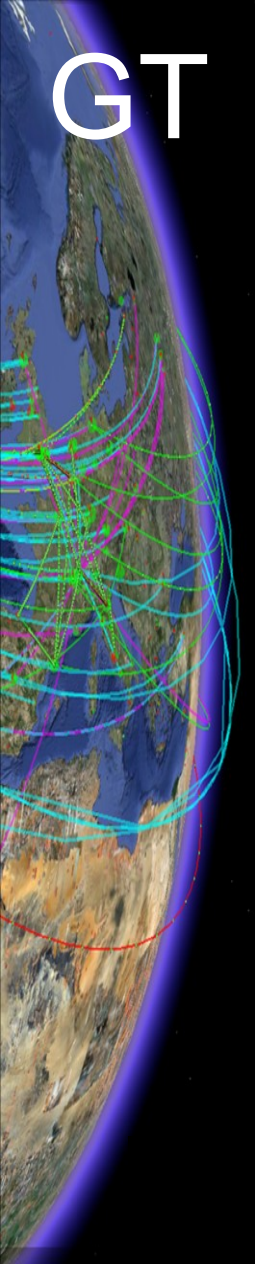


- CREAM probe equivalent to the CE
  - full job-submission chain via WMS (job submission, states monitoring, output sand-box retrieval)
  - WN tests (C&R, Get, Rep, Del, host cert, etc)
- Direct Job Submission check available with no WN tests
- Documentation at <https://tomtools.cern.ch/confluence/display/SAMDOC/Grid+probes>

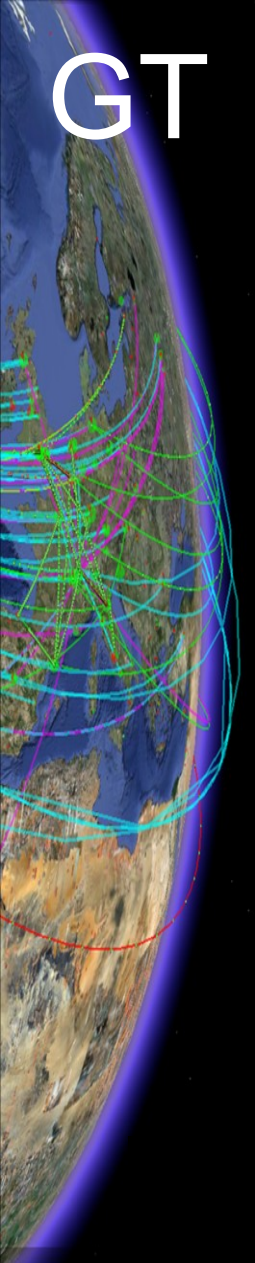


- CREAM is not considered for availabilities
- Can be included at any time considering
  - CREAM status = OR of CREAM services
  - Site status = AND of (sBDII, SRM, CE, CREAM) overall status (if they exist in the site)
- By end of March ACE will support other algorithms, like:
  - Overall CE status = OR (any CE or CREAM)
  - Site status = AND of (sBDII, SRM, CE) status

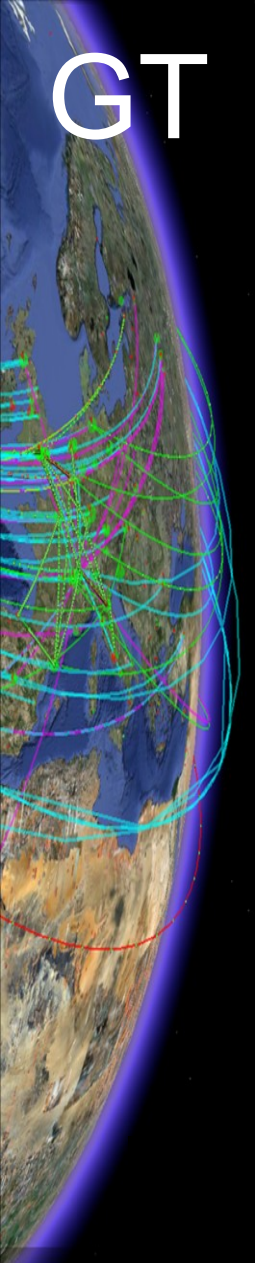
- Computation of a CREAM service status is not defined
- Proposal: start with the same set used for CEs
  - Job submission, WN tests, host certificate□



- Old FCR does not support blacklisting of CREAM while FCR is still used by CMS
- We are working on a solution based on Nagios results to replace that FCR functionality
- Expect a first implementation by the end of January



- There is a CREAM Nagios probe equivalent to the CE one
- We can start including CREAM for availability computations if agreed
- The missing FCR blacklisting functionality for CMS is being resolved
- We consider no showstoppers from the monitoring infrastructure





Questions?