



GridPP

UK Computing for Particle Physics

PerfSonar Mesh

Alessandra Forti

Duncan Rand

- PerfSonar Task Force starting to work on mesh configuration
 - A mesh configuration is maintained centrally
 - Each instance of the mesh has an agent pointing to the URL containing the configuration and configuring the tests.
 - Agent is currently a script that can be run by hand or with a cron job.
 - Duncan wrote the first mesh configuration adapting the USATLAS example.
 - Config files then converted to json for PS machines consumption
 - Config files maintained in AFS at CERN
 - Multiple meshes are possible
 - Will test first in Manchester and IC and then ask sites to install the mesh agent and try the mesh configuration
 - Might require to upgrade the PS machines
 - More info
 - http://www.usatlas.bnl.gov/twiki/bin/view/Projects/PerfSONAR_PS_Mesh