

The architecture of the WLCG monitoring system

James Casey
CERN, Switzerland
james.casey@cern.ch

The WLCG Working Group on Service Monitoring has spent the last year examining the current solutions used to monitor the grid Infrastructures used by the WLCG Project in order to make recommendations

This paper describes the reason behind the work, namely the improvement of Grid service reliability, and describes some architectural principles it developed to aid in the design of a new Architecture.

We will outline the key technologies and products used in the new infrastructure, give examples of porting existing applications into the monitoring system, and finally will cover some of the integration issues that crop up when integrating monitoring from many grid infrastructures.