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WLCG perfSONAR-PS Update

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As reported at the last HEPiX meeting, the WLCG has been supporting the deployment of perfSONAR-PS Toolkit instances at all WLCG sites over the last year. The WLCG perfSONAR-PS Deployment Task Force has now wrapped up its work in April 2014.

The perfSONAR network monitoring framework was evaluated and agreed as a proper solution to cover the WLCG network monitoring use cases: it allows WLCG to plan and execute latency and bandwidth tests between any instrumented endpoint through a central scheduling configuration, it allows archiving of the metrics in a local database, it provides a programmatic and a web based interface exposing the tests results; it also provides a graphical interface for remote management operations.

In this presentation we will provide an update on the status of perfSONAR in WLCG and future plans for commissioning and maintaining perfSONAR in the scope of the WLCG Operations Coordination initiative and its role in supporting higher level services that are under development.

Summary

An overview of perfSONAR status and plans in WLCG

Author: MC KEE, Shawn (University of Michigan (US))

Presenter: MC KEE, Shawn (University of Michigan (US))

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