

# How to integrate portals with EGI monitoring system

*Thursday, 20 September 2012 11:50 (20 minutes)*

## **Printable Summary**

Scientific gateways have become an essential tool for research in the age of e-Science. Their operation and performance has to be monitored in order to ensure quality of service for end users. Such monitoring also has to ensure an integrated overview of the global status of the scientific gateway, as well as the detailed status of the individual scientific gateway layers and components. In addition, it has to enable sending of alerts to administrators when a particular issue is identified, to enable scheduling of downtimes during service maintenance, as well as to produce infrastructure performance statistical reports.

In this talk we will give brief overview of the current production monitoring system in EGI, and discuss possibilities for its extensions to monitoring of scientific gateways. We will try to identify relevant properties of scientific gateways to be monitored, and to describe the corresponding probes.

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**Session Classification:** Science Gateways

**Track Classification:** Virtual Research Environments (Gergely Sipos: track leader)