

Simply monitor a grid site with Nagios

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Nagios is a widely used open source framework for fabric monitoring. In order to efficiently utilize Nagios in grid environment we have developed a set of grid-specific extensions.

The main goal of the achieved system is to increase availability of grid hosts and services, by precise problem detection and instant notification. Furthermore, the system is integrated with exiting grid monitoring systems in order to provide site administrators with a more accurate picture of their grid site status.

In this paper, we describe the various components developed, and explain how they were integrated with standard grid monitoring systems. We also will show how reliability can be improved, especially for small sites without much system administration effort.