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Monitoring of Grid Behaviour by LHCb

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Facilities offered by WLCG are extensively used by LHCb in all aspects of their computing activity. A real time knowledge of the status of all Grid components involved is needed to optimize their exploitation. This is achieved by employing different monitoring services each one supplying a specific overview of the system. SAME tests are used in LHCb for monitoring the status of CE services hence its availability for LHCb; DIRAC proprietary monitoring tools allow to track experiment application problems; a Dirac transfer monitoring system reports about failures in data transfers; FTS transfer tests are also closely monitored and the ARDA Dashboard provides complementary information on site reliability. This paper addresses the lack of correlation and analysis of all the available information and proposes a solution for such a central service.

Submitted on behalf of Collaboration (ex, BaBar, ATLAS)

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