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High Performance Storage Tests At The INFN Pisa Computing Centre

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We report about the tests performed in the INFN Pisa Computing Centre with some of the latest generation storage devices. Fibre Channel and NAS solutions have been tested in a realistic environment, both participating in Worldwide CMS's Service Challenges, and simulating analysis patterns with more than 500 jobs accessing concurrently]data files. Both usage pattern have evidenced the ability to use today's storage links at 10 Gbit/s, allowing a steady transfer rate exceeding what a single Gbit/s interface cannot guarantee when the number of concurrent users increase over a few hundred nodes.

Summary

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