

## CMS experience in LCG SC3

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The most significant data challenge for CMS in 2005 has been the LCG service challenge 3 (SC3). For CMS the main purpose of the challenge was to exercise a realistic LHC startup scenario using complete experiment system, in what concerns transferring and serving data, submitting jobs and collecting their data, employing the next-generation world-wide LHC computing service.

A number of significant new components were submitted to the test by LCG. Compared to the past data challenges a number of important parameters have been changed for CMS, and a number of improvements to software and systems we tested. We describe our benchmark goals and how the tests were performed. We report on the results achieved, consequences, and conclusions drawn.

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