

The CMS experiment workflows on StoRM-based storage at Tier-1 and Tier-2 centers

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The CMS experiment is preparing for data taking in many computing activities, including the testing, deployment and operation of various storage solutions to support the computing workflows of the experiment. Some Tier-1 and Tier-2 centers supporting the collaboration are deploying and commissioning StoRM storage systems. That is, posix-based disk storage systems on top of which StoRM implements the Storage Resource Manager (SRM version 2) interface allowing for a standard-based access from the Grid. This paper presents some tests made with CMS applications performing reference Tier-N workflows on StoRM storage, the configurations and solutions adopted and the experience so far achieved in production level operations.

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