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Evolution of the Hadoop platform for HEP

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The interest in using Big Data solutions based on Hadoop ecosystem is constantly growing in HEP community. This drives the need for increased reliability and availability of the central Hadoop service and underlying infrastructure provided to the community by the CERN IT department.
This contribution will report on the overall status of the Hadoop platform and the recent enhancements and features introduced in many areas including the service configuration, availability, alerting, monitoring and data protection, in order to meet the new requirements posed by the users comminity.

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