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The application of CVMFS at IHEP

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IHEP has been using CVMFS since 2017 and `cvmfs-stratum-one.ihep.ac` server provides software repository duplicate services for `cern.ch`, `opensciencegrid.org`, `egi.eu`, `ihep.ac.cn`. Part of this report will introduce the status and next plan of `CVMFS-stratum-one.ihep.ac.cn`.

China's Large High Altitude Air Shower Observatory (LHAASO), a cosmic ray detection facility located in the high mountains of Sichuan province. The experimental data of LHAASO captured by the detector will be processed in the computer room which located in the high altitude and poor natural environment, and then transmitted to IHEP. The other part of this report will introduce the application of CVMFS in LHAASO experiments, and share some problems encountered in the use of CVMFS.

Expect to use for 10 minutes.

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Session Classification: User Stories