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## ALICE Job Submission to A Cloud without Dedicated Storage Element.

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The constant need for virtual resources at LHC experiments can be explained by a lack of computing resources and and also by flexibilty that gives virtualization for providing new platforms and computing power. Researches for virtual resource integration into ALICE Grid environment have been done by many teams [1][2][3].

In our report we present an compilation of existing approaches which include cloud access using htCondor [4] using MCVM image [5] and CEPH FS [6] for storing data and for running virtual machines. The work has been performed on distributed resources of Bogolyubov Institute of Theoretical Physics (Ukraine), Saint Petersbourg State University (Russia), and CERN (Switzerland). The tests and performance estimations for the suggested approach have been presented.

## References:

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