

LHCb and cloud computing

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LHCb in the clouds

- Currently have intentions and some plans
 - VMDirac extension
 - Originally developed for EC2
 - Also integrates with OpenNebula, CloudStack
 - Use clouds with CERNVM
 - PhD Student working on this topic
 - Tests with cloud instances in Barcelona and Santiago
 - CHEP talk : <http://cdsweb.cern.ch/record/1460631?ln=en>
- In future expect to be able to use the grid / cloud in a transparent manner
 - Dirac “Interware”
 - Just need to know the relevant APIs