

Ixcloud infrastructure - status and lessons learned

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In December 2010 CERN moved parts of the batch resources into a cloud like infrastructure, and is running some of the batch resources in a fully virtualized infrastructure since then. This presentation will give an overview over the experiences learned from this exercise, the performance and results, impressions on operational overhead, and problems seen since the deployment of the infrastructure. On the development path, first experiences with SLC6 are shown.

In addition, CERN has opened some resources to special users from ATLAS and LHCb via OpenNebula's EC2 interface, which they have been using to test CERNVM generated images which directly connect to the experiment frameworks to get their payload. First results from these tests are shown as well.

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