

Virtualization at CERN: a status report

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We present updates to the virtualization services provided by CERN IT.

- CERN's internal cloud has been moved into full production mode in December 2010, and has been running since then providing virtualized batch resources. We will report on operational experiences, as well as further developments made since the last meeting in Cornell, including benchmark results, OpenNebula and ISF experiences, a first view on SLC6.
- the CVI Self-Service continues to grow rapidly (>1200 VMs on >200 hypervisors), and so are the use requirements. We describe the service evolution of CVI 2, with a focus on Linux VMs.

We will also present the plans to evaluate Openstack at CERN.

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