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Production Large Scale Cloud Infrastructure Experiences at CERN

Monday 14 October 2013 16:25 (20 minutes)

CERN's Infrastructure as a Service cloud is being deployed in production across the two data centres in Geneva and Budapest.

This talk will describe the experiences of the first six months of production, the different uses within the organisation and the outlook for expansion to over 15,000 hypervisors based on OpenStack by 2015.

The open source toolchain used, accounting and scheduling approaches and scalability challenges will be covered.

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