

# Status update of the CERN private cloud

*Friday 18 May 2018 09:00 (20 minutes)*

CERN runs a private OpenStack Cloud with ~300K cores, ~3000 users and a number of OpenStack services. CERN users can built services using a pool of compute and storage resources using the OpenStack APIs like Ironic, Nova, Magnum, Cinder and Manila, on the other hand CERN cloud operators face some operational challenges at scale in order to offer them. In this talk, you will learn about the status of the CERN cloud, new services and plans for expansion.

## Desired length

20

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**Session Classification:** Clouds, virtualisation, grids

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