

## CERN Cloud Infrastructure update

*Friday, 18 October 2019 09:00 (25 minutes)*

CERN runs a private OpenStack Cloud with ~300K cores, ~3K users and several OpenStack services. CERN users can build services from a pool of compute and storage resources using OpenStack APIs such as Ironic, Nova, Magnum, Cinder and Manila.

For that reason, CERN cloud operators face some operational challenges at scale in order to offer these services in a stable manner.

In this talk, you will learn about the status of the CERN cloud, new services and plans for expansion.

### Speaker release

Yes

### Desired slot length

20

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**Session Classification:** Grids, Clouds and Virtualisation

**Track Classification:** Grid, Cloud & Virtualisation