

## Baremetal provisioning in the CERN cloud

*Friday, May 18, 2018 9:40 AM (20 minutes)*

Virtual machines is the technology that formed the modern clouds - private and public - however the physical machine are back in a more cloudy way. Cloud providers are offering APIs for baremetal server provisioning on demand and users are leveraging containers for isolation and reproducible deployments. In this talk, I will be presenting one of the newest services at the CERN cloud, Ironic, the Baremetal service of OpenStack. You will learn how the Cloud team improves its operational workflow and accounting and how users can use the same tooling they are used to when working with virtual machines. Finally, you will hear about the recent integration efforts between the container and baremetal services.

### Desired length

20

**Primary author:** TRIGAZIS, Spyridon (CERN)

**Presenter:** TRIGAZIS, Spyridon (CERN)

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

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