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Building a scalable and fully automated public cloud platform based on Seafile and Ceph

Tuesday 28 January 2020 18:00 (20 minutes)

Building a scalable public cloud platform for hundred of thousands from scratch can be a difficult and challenging task.

This session will cover a short introduction of luckycloud and how we integrated and fully automated the deployment of Seafile clusters with highly scalable multi petabyte storage backends. We will also show how we build a reliable and powerful storage backend for our Seafile clusters based on Ceph with our partner Croit.

We will show how to use Croit to easily setup a Ceph based S3 object storage and optimize it for Seafile. Furthermore we show different functions how Seafile and Ceph work together best and speak about the challenges that have to be overcome.

We will also show how we configured the core components to make the setup efficient and stable. This will not focus on automation itself but the automation of Seafile deployment in combination with Ceph and S3 as storage backend.

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