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Moving sciebo to kubernetes: Lessons learned and practical considerations for productive workloads

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At Sciebo we migrated the first half of our productive ownCloud instances, serving over 200k customers across the state of North Rhine Westphalia at university institutions, to our new on-premise kubernetes platform. Last year we presented an overview of the rough architecture of the platform and promised some more insights for this year's CS3. ;-)

In this presentation we

- give a quick reminder consisting of little lies how to conceptualize all this kubernetes stuff
- discuss some choices we made in regard to our tooling
- mention some patterns and anti patterns we identified in the wild
- some practices and mantras that served us well
- address the elephant in the room and talk about some things we did roll on our own in order to move our already existing services to the cloud
- the road ahead

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