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ownCloud scalability research

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Over the past year we dropped the requirement that ownCloud should run on every PHP platform. This allows us to research architectural changes, like push notifications, microservices, dockerized deployments, HSM integration and storing metadata in POSIX or object storages. On the client side we are exploring E2EE, virtual filesystems and delta sync. Together with feedback from our community this will allow us to ease deployment, maintenance and scaling of an ownCloud instance.

Author: DREYER, Jörn (ownCloud GmbH)

Co-authors: MÜLLER, Thomas; Mr JAHNS, Patrick (ownCloud)

Presenters: DREYER, Jörn (ownCloud GmbH); MÜLLER, Thomas

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