

Reference	IT-DB-116
Project/ Activity	Implementation of CEPH storage based Database on Demand instances
Duration	1 year, renewable (maximum 2 years)
Profile	Bachelor's degree in Computer Science or equivalent technical experience. Skills in software development with Python and Linux system administration will be a bonus. Strong communications skills and ability to work independently.
Description	<p>The candidate would help integrate CEPH as an storage back-end for databases instances hosted in the Database on Demand DBaaS platform, currently running over 1K databases for the many different CERN communities.</p> <p>The integration work will target automation of procurement and operations automation for CEPH based storage volumes via integration in the CERN Database group Storage API; end-user side work to integrate end-user volume deployment and exploitation on physical, virtual and container based compute solutions, and performance and feature tuning of the solution with the goal to achieve parity with the current NetApp based storage layer.</p>
Specific details	