



HEPIX SPRING 2015 WORKSHOP

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## Ceph storage at RAL

*Wednesday, March 25, 2015 11:05 AM (25 minutes)*

RAL is currently exploring the possibilities offered by Ceph. This talk will describe two of these projects. The first project aims to provide large scale, high throughput storage for experimental data. This will initially be used by the WLCG VOs. A prototype cluster built from old hardware has been in testing since October 2014. The WLCG VOs will continue to need to access their data via familiar protocols. The cluster is therefore accessed via xrootd and GridFTP gateways. We describe the current state of the project, the testing that has already been carried out as well as future plans for the cluster.

The second project provides Ceph RBD storage for the cloud infrastructure at RAL. This cluster is on hardware optimised for Ceph and provides low latency data access. This talk will describe the current status of the project as well as our experience running the cluster.

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