Contribution ID: **8**   Type: **not specified**

How CERN's New Datacenter Enhances Cloud Infrastructure and Data Resilience with Ceph

The storage needs of CERN's OpenStack cloud infrastructure are fulfilled by Ceph, which provides diverse storage solutions including volumes with Ceph RBD, file sharing through CephFS, and S3 object storage via Ceph RadosGW. The integration between storage and compute resources is possible thanks a to close collaboration between OpenStack and Ceph teams. In this talk we review the architecture of our production deployment and how it evolved with the arrival of the new datacenter in Prevessin (France) in the context of supporting BC/DR scenarios

Desired slot length

15

Speaker release

Yes

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Session Classification: Storage & data management

Track Classification: Storage & data management