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Backup and DR with Large Datasets

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SWITCHdrive is the File and Sync Solution from SWITCH. We are running on our internal SWITCHengines (Openstack) IaaS with CEPH storage. With the success of the service we are managing a relative large dataset.

We currently use CEPH rbd snapshots for backup, but with the growth of our service and growing Customer demands for disaster recovery and regulatory requirements we are looking at options to provide offsite backups

Due to our current setup of multiple NFS drive we are currently evaluating solutions for an offsite Disaster Recovery solution and backup.

This talk we will look at using backy2 a deduplicating block based backup to backup rbd volumes to S3 object storage. We will also look at other options and compare our results.

We would also like to reach out to the community to share experience and hear how other people are solving this issue.

Author: Mr KERINS, Fergus

Presenter: Mr KERINS, Fergus

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