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# Cloud Resilience Unleashed: A Dual-Site Approach for HL-LHC era

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In preparation of the increasing computing needs of the HL-LHC, the IT department has built a new datacenter in Preveessin. These additional capacity will also enable IT services to prepare their Business Continuity and Disaster recovery plans.

With those two in mind, the cloud service has prepared a new deployment fully decoupled from the existing in Meyrin. This new setup allows users to operate with both datacentres seamlessly. The solution presented allows them to use resources on any of the sites even when there is a major outage in the other. This presentation will give an overview of the architecture, main differences and synchronization mechanisms between the deployments.

## Desired slot length

## Speaker release

Yes

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