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dCache on Kubernetes

Tuesday 5 November 2024 11:15 (30 minutes)

dCache is composed by a set of components running in Java Virtual Machines (JVM) and a storage backend, Ceph in this case. CSCS moved these JVMs into containers and developed an Helm Chart to deploy them on a Kubernetes cluster. This cloud native approach makes the deployments and management of new dCache instances easier and faster.

Encountered challenges and future developments will be exposed in this presentation.

Desired slot length

15 minutes

Speaker release

Yes

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Session Classification: Operating systems, clouds, virtualisation, grids

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