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Multi tenancy with htcondor

Wednesday 12 October 2022 11:15 (25 minutes)

At final we have a large unifed cluster.
4 years ago there were three clusters sharing the same infrastructure (network and data center).
A dedicated cluster per team.

We decided to join forces and recreate a large cluster to better utilize the resources.

Docker volumes able us to share compute resources and allow different storage access per team.

In addition for that we are able to go further using docker networks and iptables. it allow us to share phisycal network without the risk of data leaks between teams.

We will discuss about the challenges that we currently facing different job sizes, small pool for fast response and negotiation cycle.

Desired slot length

Speaker release

Yes

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Session Classification: Workshop Session

Track Classification: HTCondor user presentations