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HTCondor monitoring at ScotGrid Glasgow

Thursday, September 24, 2020 5:40 PM (20 minutes)

Our Tier2 cluster (ScotGrid, Glasgow) uses HTCondor as batch system, combined with ARC-CE as front-end for job submission and ARGUS for authentication and user mapping.

On top of this, we have built a central monitoring system based on Prometheus that collects, aggregates and displays metrics on custom Grafana dashboards. In particular, we extract jobs info by regularly parsing the output of 'condor_status' on the condor_manager, scheduler, and worker nodes.

A collection of graphs gives a quick overlook of cluster performance and helps identify rising issues. Logs from all nodes and services are also collected to a central Loki server and retained over time.

Desired slot length

15

Speaker release

Yes

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Session Classification: Workshop session

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