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A new HTCondor monitoring for CNAF Tier-1

Monday, 20 September 2021 17:50 (30 minutes)

The CNAF Tier-1, composed of almost 1000 worker nodes and nearly 40000 cores, completed its migration to HTCondor more than one year ago. After having adapted existing monitoring tools (built with Sensu, Influx and Grafana) to work with the new batch system, an effort has started to collect a more rich and “condor oriented” set of metrics that are used to provide better insights on the pool status.

The data are collected into a PostgreSQL database, which makes them also available for further analysis or different applications, and presented by a specifically designed dashboard built using the dash and plotly python libraries.

Desired slot length

Speaker release

Yes

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Session Classification: Workshop session

Track Classification: HTCondor user presentations