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HammerCloud extension for Data Centre commissioning

Wednesday, 26 April 2017 14:30 (25 minutes)

HammerCloud is a testing service to run continuous tests or on-demand large-scale stress tests of the WLCG resources with real-life experiment jobs.

HammerCloud is used by the ATLAS and CMS experiments in production. It has been a useful service to commission both compute resources and various components of the complex distributed systems of the LHC experiments, as well as integral part of the monitoring suite essential for the computing operations of the experiments and their automation.

This contribution will review recent developments of the HammerCloud service that allow use of HammerCloud infrastructure to test Data Centre resources in the early phases of the infrastructure and services commissioning process. One of the benefits we believe HammerCloud can provide is to be able to tune the commissioning of the new infrastructure, functional and also stress testing, as well as benchmarking with a “standard candle” jobs, with experiment realistic workloads, that can be heavy for CPU, or I/O, or IOPS, or everything together.

Length of talk (minutes)

20

Scheduling constraints / preferences

Dear All, I will be presenting this talk and a talk “Unified Monitoring Architecture for CERN IT and Grid Services” in the “Basic IT Services” track, it would be really great if the talks were not scheduled for the same time slot. Many thanks in advance! Jarka Schovancova (CERN IT)

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Session Classification: Computing and batch systems

Track Classification: Computing & Batch Services