Migrating a WLCG tier-2 to a Cray XC-50 at CSCS-LCG2

Wednesday 18 October 2017 11:50 (25 minutes)

Founded in 1991, CSCS, the Swiss National Supercomputing Centre, develops and provides the key super-computing capabilities required to solve important problems to science and/or society. The centre enables world-class research and provides resources to academia, industry and the business sector. Through an agreement with CHIPP, the Swiss Institute of Particle Physics, CSCS hosts a WLCG tier-2 site, delivering computing and storage services to the ATLAS, CMS and LHCb experiments. In this presentation, we will describe the ongoing efforts in migrating all the tier-2 compute workloads for the served experiments from a dedicated x86_64 cluster that has been in continuous operation and evolution since 2007, to Piz Daint, the current European flagship HPC, which ranks third in the TOP500 at the time of writing.

Desired length

20

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