

Experience using Oracle OCI Cloud at CERN

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This contribution reports on the experience acquired from using the Oracle Cloud Infrastructure (OCI) as an Infrastructure as a Service (IaaS) within the distributed computing environments of the LHC experiments. The bare metal resources provided in the cloud were integrated using existing deployment and computer management tools. The model used in earlier cloud exercises was adapted to the bare metal requirements featuring the use of container technologies. We describe the architecture, the tools and the production experience obtained by the experiments.

The activities have been carried out in the framework of CERN openlab.

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