

# ATLAS computing on Swiss Cloud SWITCHengines

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Consolidation towards more computing at flat budgets beyond what pure chip technology can offer, is a requirement for the full scientific exploitation of the future data from the Large Hadron Collider. One consolidation measure is to exploit cloud infrastructures whenever they are financially competitive. We report on the technical solutions and the performance used and achieved running ATLAS production on SWITCHengines. SWITCHengines is the new cloud infrastructure offered to Swiss academia by the National Research and Education Network SWITCH. While solutions and performances are general, financial considerations and policies, which we also report on, are country specific.

## **Tertiary Keyword (Optional)**

Computing middleware

## **Primary Keyword (Mandatory)**

Cloud technologies

## **Secondary Keyword (Optional)**

Computing facilities

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