



# Sample Project: WLCG monitoring applications imply large scale data processing, data analysis...

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## Title

WLCG monitoring applications imply large scale data processing, data analysis...

## Description

WLCG monitoring applications imply large scale data processing, data analysis and visualization. The WLCG monitoring consolidation project has been setup in order to propose a revised strategy and architecture for WLCG monitoring and to suggest implementation technologies and approaches for the transition to the simplified WLCG monitoring infrastructure. In the scope of this project the candidate will take part in the evaluation of the modern technologies (Hadoop, Hbase, Apache Drill, Elasticsearch, Kibana, etc...) which can be used for data storage, processing and visualization and applying these technologies for the WLCG monitoring use-cases .

## Skills

Databases: NoSQL. Information Technologies: Developing distributed computing systems (e.g. clusters, batch systems), Developing with virtualised infrastructure (e.g. Openstack), System administration (e.g. with GNU/Linux, Microsoft Windows, Networks), Using software development tools (e.g. Git, Jira, Trac). Programming Languages: Python, Shell Script

## Disciplines

Information Technologies

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