

## ABSTRACT

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*The rapid development of information technology and telecommunications today lead to changes lifestyle of the world people. Therefore cause a problem of high data usage so it's needed a way to manage data in order to be structured and properly controlled. Hadoop is a open source software framework based on java so it can be legal to do development. Apache Ambari is one of the Hadoop components that can be used for installation, monitoring and management of the Hadoop cluster. Hadoop can used manage data with a very large frequency distributed and runs on a cluster consisting of multiple connected computers. Apache Ambari application development can be one of the ways for administrators to installation, monitoring and management Hadoop.*

*Keywords: Apache Ambari, Apache Hadoop, administrator, monitoring*