

Today, it is quite common to see software migrations from an on-premises solution to a cloud solution. The product MANTA Flow Platform also experiences this transformation. As a part of this transformation, the introduction of a new component, the MANTA Flow Agent, is necessary. MANTA Flow Agent is a Java application supposed to run on a customer's machine and execute received commands from a remote running on a cloud side. This yields the natural need for the consideration of monitoring support. In this master thesis, we describe in more detail the responsibility of the MANTA Flow Agent, the multi-agent environment, motivation and requirements for the monitoring support for the MANTA Flow Agent. Furthermore, we provide an analysis of suitable technologies which could be used to bring such monitoring support. Then, we discuss different alternatives and solutions and their fit in our context. Finally, we describe the architecture for monitoring support and the implementation of a simple proof of concept solution based on a Java agent and the Prometheus, a time series database.