ABSTRACT

CONTAINER MICRO-SERVICE ORIENTED PERFORMANCE MONITORING ALARM METHOD AND ALARM SYSTEM

The present invention relates to a container micro-service oriented performance monitoring alarm method. The method includes: deploying a monitoring collector: deploying the monitoring collector in a cloud computing platform to monitor performance indexes in container micro-services; determining a monitoring strategy and a threshold: determining a monitoring side strategy and the threshold by determining performance monitoring indexes of the micro-services and a key value; collecting performance data: monitoring corresponding components through the monitoring collectors; analyzing the collected performance data: performing data analysis through multi-dimensional modeling and decentralized control and linkage under the cloud computing platform; displaying the data: providing the display of corresponding different monitoring data and analysis results for different cloud resources; pushing alarms: unifying alarms of performance monitoring data by adopting a cluster of underlying performance collection services. The present invention also provides a corresponding alarm system, which effectively realizes the flexibility and expandability of various cloud resources in terms of performance monitoring data collection, data summarization and cleaning, analysising and displaying as well as abnormity alarms.

[Figure 1]