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IB > Vol.4 No.1, March 2012

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Smart System Resource Monitoring in Cloud

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ABSTRACT

Monitoring the system resources against numerous virtual machines in a cloud computing environment is a challenging task to system administrators. They rely on the system management tools to collect and reveal the utilization of various performance counters of each virtual machine. Such isolated views cannot disclose the real performance behavior of virtual machines. This paper demonstrates how to interpret the resource utilization of these performance counters correctly and how to automate the performance analysis processes to ease the workload of system administrators.

KEYWORDS

System Management; Cloud Computing; System Performance Analysis

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