

MONITORING SYSTEM FOR VIRTUAL APPLICATION ENVIRONMENTS

Abstract

A monitoring system (10) for virtual application environments comprising: at least
5 one physical machine (16) executing a first operating system; at least one virtual
machine (18) operating on at least one of the at least one physical machines (16),
each such virtual machine (18) operating a second operating system; and an agent
program (14) operating on each of the at least one physical machines (16), where,
10 each agent program (14) is operable to obtain a first set of metrics from the first
operating system, such first set of metrics including metrics in respect of each virtual
machine (18) as viewed by the first operating system, and operable to connect to
the second operating system of each virtual machine (18) hosted on the physical
machine (16) the agent program (14) operates on and obtain a second set of
15 metrics in respect of the virtual machine (18) from the second operating system, the
agent program (14) further operable to communicate the first and second sets of
metrics to a manager program (12).

Figure 3