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(57) Abstract :

A method for application performance management is disclosed herein. The method includes monitoring the efficiency of an application in real-time, providing diagnostics to rapidly identify the source of performance issues, dispatching alerts when performance measurements surpass a predetermined threshold, tracking the application's internal activity at the code level; displaying key metrics, trends, and anomalies on interactive and customizable dashboards for a comprehensive overview of the application's performance, identifying irregularities in performance metrics using a machine learning-based approach and providing intelligent insights into potential root causes, and proactively identifying performance issues and automatically initiating remediation actions, including the generation and sharing of performance reports.

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