

An Assessment of Document Clustering Based on KNMF Algorithm Applying Hadoop.

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● Abstract

There are lots of ways to monitor and manage the network. However, until date there are still large numbers of organization who are practicing network management without co-coordinating the tools and components into their system and time taken and the cost produced by these kinds of un-integrated practice is remarkable. To solve this problem, the integrated network management function is required to examine each subsystem regularly, and inform network administrator of error occurrence. In this paper we discuss how Nagios enables your network management capacity through monitoring functionalities and notification utility. Further we highlights the most important feature of Nagios and its capacity of alert and notification to the technical staff of the problem, allowing them to begin remediation processes before affecting the business processes, end-users, or customers of any organization. Our case study attempted of detecting and monitoring faults in a medium size network environment. The Nagios fault detection system is evaluated and its potentiality for self-healing and notification capabilities researched. This paper outlines possibilities of interconnecting Nagios with other applications in order to further facilitate and automate recovery after service failures thereby reducing the possible loss to the corporation. This case study also examines the role of network management in corporate management through utilization of monitoring tool named as Nagios.

● Key words

Network Monitoring, Notification, Capacity Planning