Abstract

Nowadays, mail services are used rigorously for communication purpose. Due to the widespread demand for mail services, performance degradation may occur for mail servers. Performance is an open issue that is affected by many factors including the technical factors. To identify the factors that have an impact on the performance of the mail services, we have carried out an experimental study by focusing on few prominent mail services. In this paper, the results of the experimental study and the results obtained from activity-based performance prediction approach are compared and discussed. Regression analysis is used for comparison, and the obtained value shows that both are closure to each other.

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Index Terms

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Keywords

Web applications, Mail Services, Software Performance Engineering, Experimental Study.