Abstract

With the increasing popularity of web services, attackers are paying more attention to hack the web services and the servers on which they run. Thus the need of effective modern intrusion detection system has taken prime importance for any system. At present intrusion detection system (IDS) analysis module uses the pattern matching technology, which is applied in various problems in the field of information security, genetic algorithms and evolutionary algorithm. As one of the solution to intrusion detection problems, pattern matching algorithms shown their advantages. This paper presents a feasibility study on a pattern matching algorithm.
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**Index Terms**

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**Keywords**

Intrusion detection; pattern matching; AC algorithm, WU-Manber algorithm, BM algorithm;