The rapid increase of information technology usage demands the high level of security in order to keep the data resources and equipments of the user secure. In this current era of networks,
there is an eventual stipulate for development of consistent, extensible, easily manageable and have low maintenance cost solutions for Intrusion Detection. Network Intrusion Detection based on rules formulation is an efficient approach to classify various type of attack. DoS or Probing attack are relatively more common and can be detected more accurately if contributing parameters are formulated in terms of rules. Genetic Algorithm is used to devise such rule. It is found that accuracy of rule based learning increases with the number of iteration.

Reference


- Baoyi Wang; Feng Li; Shaomin Zhang, “Research on Intrusion Detection Based on Campus Network”, Intelligent Information Technology Application, 2009 Vol 1, Pages 468-471.

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