

Abstract

The evolution of wireless network technologies and the recent advances in mobile computing hardware have made possible the introduction of various applications in mobile adhoc networks. Not only is the infrastructure of these networks inherently vulnerable but they have increased requirements regarding their security as well. As intrusion prevention mechanisms, such as encryption and authentication, are not sufficient regarding security, we need a second line of defence, Intrusion Detection. The focus of this paper is on distributed and intelligent intrusion detection. We propose a model for building a distributed and behavioural intrusion detection system by using a classification method.