Despite the development of new technologies of information and communication following the advent of the Internet and networks, computer security has become a major challenge, and works in this research are becoming more numerous. Various tools and mechanisms are developed to ensure a level of security to meet the demands of modern life. Among the systems, intrusion detection for identifying abnormal behavior or suspicious activities to undermine the legitimate operation of the system. The objective of this paper is the design and implementation of a comprehensive architecture of IDS in a network.

References

- Y. Fargaoui, A. Asimi, “Performance method of assessment of the intrusion detection and prevention systems,” IJ E ST, Vol. 3 No. 7 July 2011
- Y. Fargaoui, A. Asimi, &quot;Performance Assessment of tools of the intrusion
Model of an effective Intrusion Detection System on the LAN

Detection and Prevention Systems, "IJCSIS, Vol. 10 No. 1 January 2012
- MIT Lincoln Laboratory, DARPA Intrusion Detection Evaluation Data Sets, www.ll.mit.edu/IST
- K. Boudaoud, "Un systeme multi_agents pour la detection d'intrusion »
  Institution EURECOM Sophia-Antipolis.
- J. Hochbery K. Jackson, C Stallings, J. F Mclary, D. Dubois, J. Ford, NADIR
- The UCI KDD archive, Information and Computer Science, university of california.

Index Terms

Computer Science

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Keywords

Ids Architecture Model