Abstract

In any network based system and organization identifying the possible attacks is very crucial and important to perceive the data integrity and security. Researchers are working in this field and several works is in progress. Due to the immense use, frequently updating in the data structure and large number of intrusions nature variability there are lot of scope in this area in terms of intrusion detection and classification. The main aim of this paper is to explore the gaps in the previous techniques and find out the methodologies by which any kind of hybridization is possible which can be capable in improving the classification accuracy.

References

20. Han LI. Using a dynamic K-means algorithm to detect anomaly activities. In
A Review and Meta-Analysis for Efficient Intrusion Detection on KDD Dataset


27. Thaseen IS, Kumar CA. Intrusion detection model using fusion of PCA and optimized SVM. In Contemporary Computing and Informatics (IC3I), 2014 International Conference on 2014 Nov 27 (pp. 879-884). IEEE.


33. Dubey AK, Dubey AK, Agarwal V, Khandagre Y. Knowledge discovery with a subset-superset approach for Mining Heterogeneous Data with dynamic support. In Software Engineering (CONSEG), 2012 CSI Sixth International Conference on 2012 Sep 5 (pp. 1-6). IEEE.


Index Terms

Computer Science

Information Sciences

Keywords

Intrusion detection techniques, KDD, DOS, U2R, R2L and probe