Abstract

Feature Selection plays the very important role in Intrusion Detection System. One of the major challenge these days is dealing with large amount of data extracted from the network that needs to be analyzed. Feature Selection helps in selecting the minimum number of features from the number of features that need more computation time, large space, etc. This paper, analyzed different feature selection technique on the NSL-KDD dataset by using C45 classifier, compared these techniques by various performance metrics like classifier accuracy, number of features
selected, a list of features selected, elapsed time.

References

- Kaur, R., Kumar, G., & Kumar, K. A Comparative Study of Feature Selection Techniques for Intrusion Detection.

Index Terms

Computer Science

Information Sciences
Keywords
Intrusion Detection System  Feature Selection  Nsl-kdd  Data Mining  Classification.