

Predicting Network Attack Using UNSW-NB15 Dataset

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Abstract

A network attack attempts to gain unauthorized access to the network. The UNSW_NB15 dataset [1], we will predict the network attack that is happening over the network. This dataset has nine types of attacks, namely, Fuzzers, Analysis, Backdoors, DoS, Exploits, Generic, Reconnaissance, Shellcode and Worms unlike other dataset like KDD-99 dataset which has only four attack types DOS, R2L, U2R, and PROBE.

Introduction

Methods

Comparisons

Example Analysis

Conclusions

References

- [1] N. Moustafa and J. Slay, “UNSW-NB15: A comprehensive data set for network intrusion detection systems (UNSW-NB15 network data set),” in *2015 military communications and information systems conference (MilCIS)*, 2015, pp. 1–6, doi: 10.1109/MilCIS.2015.7348942.