

Network Traffic Analysis is a cornerstone in the analysis and detection of network attacks as well as benign traffic anomalies. There are a lot of methods available in the literature to analyze the network traffic in order to identify many of its characteristics. Some of the available tools use traffic visualization to help understanding anomalies. For those approaches, the network administrator is responsible for the detection part, the analysis is performed afterwards.

By using a representation of network traffic (mainly packet header information) as images, it becomes more possible to use the large repository of image and video processing tools to further investigate traffic traces.