Abstract

Network forensics is a type of digital forensics which goal is to monitoring, correlate, examine and analysis of computer network traffic for various purposes like- information gathering, legal evidence, or intrusion detection. Now a days, various services like email, web, online transactions are used as network communication schemes. The purpose of this paper is to give an overview of different real time security mechanisms for forensic investigation of network communication schemes.

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**Index Terms**

Computer Science Networks

**Keywords**

Network forensics, IDS, SIDS, HIDS, AIDS