An Enhanced and Effective Encrypting Algorithm for High Volume Video Data Streaming Application on MANET

Abstract

In this paper we are proposing an effective encryption technique for high volume streaming data which has been sent over various communication links throughout the network. Applications requiring high volume of streaming data transmission include audio-video conferencing or Voice over Internet Protocol (VoIP) and Internet Protocol Television (IPTV). In general, whenever we use these types of applications the emphasis is always to achieve transfer rate as high as possible between one peer node and another. As a matter of fact while taking these things into consideration security issues related to data are always overlooked and this can cause a big problem. Also, when the data is transmitted over wireless network such as MANET (Mobile Ad hoc Network), the limited wireless bandwidth and computational capability will lead to new security challenges. This paper is a solution to such security problems which are faced in case of streaming data transmission.
References


Index Terms

Computer Science                  Emerging Trends in Technology

Keywords

Encryption Decryption Streaming Manet Xoring