Abstract

With the increase of customer base over internet, a large community of the user adopts p2p network because of its potential characteristics of file sharing. From the past decade there has been an extensive research work towards ensuring better security systems over p2p network. However, majority of the security techniques are either highly sophisticated or doesn’t yield full fledge security to the user. Hence, the proposed system introduces a security technique for safeguarding the communication channel that is used for multimedia contents sharing. The proposed system uses the potential characteristics of large scale distributed network and scalable coding to perform ciphering process of the multimedia files over P2P. The outcomes of the results are evaluated with respect to PSNR to find that computational overhead is significantly low. Thereby the proposed system ensure cost effective security model in p2p.

References


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**Index Terms**

Computer Science

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**Keywords**