Abstract

A tremendous growth is seen in the field of communication. UMTS also known as 3G technology offers user wide range of data services and voice services. Continuity of services is necessary for mobile user and this continuity is achieved by mechanism called handover. This paper provides a detailed investigation of soft and hard handovers. QOS parameters of handovers using different multimedia application (HTTP, FTP, EMAIL, VOIP) are analyzed. The scenarios of UMTS networks are implemented and simulated using OPNETTM 14.5. and it is concluded that soft handovers proves better in performance for different multimedia applications.

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Index Terms

Computer Science Networks

Keywords

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