

# Study of Priority Aware Mechanism in ANTHOCNET Protocol

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## Abstract

Quality of Service for Mobile Adhoc Network is one of the pioneering research areas and variety of routing protocols is introduced. However, those routing protocols is not support multiple routes by assigning priority according to their desired data rates. In this paper, Priority Aware AntHocNet protocol is proposed in order to enhance the Quality of Service for Mobile Adhoc Network. In order to ensure the Quality of Service, five different flows are considered where in the priority has been assigned according to its Bandwidth. From the simulation, it is observed that the proposed PA- AntHocNet protocol performs better than the exiting one.

*Keywords* — Quality of service, bandwidth estimation, AntHocNet priority aware mechanism, mobile adhoc networks