GSM Voice based Performance Analysis of Reactive Routing Protocols of MANETs

Abstract

A mobile ad hoc network is a multihop wireless network formed by a group of wireless mobile nodes communicating with each other without any centralized infrastructure. This research paper evaluates the performance of AODV and DSR routing protocols in mobile ad hoc network using high quality GSM voice. Average end to end delay, packet loss and traffic sent are the performance metrics used to compare the above said routing protocols using NS-2 simulator. This simulation work shows that AODV is much better as compared to DSR on the basis of discussed parameters.

References

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\textbf{Index Terms}

Computer Science Wireless

\textbf{Keywords}

AODV  DSR  End-to-End delay  NS-2.