Abstract

Recently there has been substantial work done in the field of developing an energy efficient and reliable routing protocol for enhanced performance in Ad hoc networks. The field is maturing exponentially and is becoming one of the key research areas in the field of Communications with an objective of improving the quality of Ad hoc networks. The Ad-hoc on
demand distance vector (AODV) routing algorithm is a routing protocol designed for Ad-hoc mobile devices. AODV is a combination of DSR and DSDV. It has basic on-demand mechanism of Route Discovery and Route Maintenance similar to DSR, and the use of hop by hop routing, sequence numbers and periodic beacons similar to DSDV. In this paper we have studied and analyzed the enhanced versions of AODV protocol to improve the Quality of Service (QoS).

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Index Terms

Computer Science  Information

Key words

Manet  RAODV  ES-AODV

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