Abstract

A wireless Ad Hoc network is a collection of mobile nodes that form a dynamic, autonomous network. Nodes communicate with each other without depending on any infrastructure. Hence, in these networks each node acts as a host and as a router. Reactive Protocol Ad hoc Distance Vector Protocol is one of the widely used protocols in MANET. This paper aims at study of Ad hoc On demand Distance Vector (AODV). We have done in depth Performance analysis of AODV using the OPNET simulator. Effects of node mobility are analyzed on different parameters like routing traffic overhead, throughput and route errors in AODV.
Reference


Index Terms

Computer Science

Communications

Key words

Effects of Mobility

performance analysis of AODV