Wireless Ad hoc Networks: A Survey of MAC based Routing Mechanisms

International Journal of Computer Applications
Foundation of Computer Science (FCS), NY, USA

Volume 167
Number 3

Year of Publication: 2017

Authors:
M. Thenmozhi, S. Sivakumari

10.5120/ijca2017914197

Abstract

With the expansion of ubiquitous computing stages and handheld wireless devices, wireless ad hoc networks had ended up pushed inquire about region in the field of wireless communication so as to give information communications among devices in spite of their physical areas. Media get to control without further ado called as MAC assumes an indispensable part in wireless communication stack and it has gotten requesting research consideration in the field of wireless ad hoc networks.

Wireless ad hoc networks are particularly described by the few variables which recognize them from traditional PC networks and reliable routing is the constantly requesting errand in such networks. As of late, to drop down the radio clog and for acquiring better throughput, writings on MAC have been contemplated. In this overview explore work MAC based routing systems for enhancing dependability in wireless ad hoc networks has been inspected.

From the survey certain discoveries for seeking after future research work are gotten.
References


Index Terms

Computer Science  Wireless

Keywords

Wireless ad hoc networks, MAC, wireless communications, throughput, reliability.