Abstract

The requirements of high band width data spectrum and its efficient high speed transmission is the challenge which is exponentially rising due to the automation of all kinds of electrical and electronic gadgets. Currently most of the local area networks are adhoc due to which connectivity is a serious problem. The currently used DTN has several problems of call drop and data failure. Recently two phase commit protocol has been proposed which has high potential to overcome the problems of call drop. Two phase commit protocol on deployment in real time scenario has been analyzed for the DTN networks and we found most astonishing results in the improvement of the routing paradigm as compared to DSR and AODV protocols for routing throughput and for average end to end delay. This paper analyzes two phase commit protocol running in two different phases on deploying the DTN wireless scenario for heterogeneous network infrastructure and measures the effects successfully.
A Model Application of Two Phase Commit Protocol in Wireless DTN


Index Terms

Computer Science  Wireless

Keywords

Two phase commit protocol, Disruption tolerant network, Wireless network, Hop.