

On the Throughput-Delay Tradeoff in Georouting Networks

MODULE 1:

Wireless topology of creation of simple packet transmission between nodes with default node configurations.

Flow of Implementation:

TCL Script, Default configurations of wireless,AODV protocol,NAM window.

EXISTING MECHANISM (PAPERS EXISTING METHOD)

MODULE 2:

wireless adhoc network topology of creation of more number of nodes [50 nodes] with default node configurations and packet transmission will be done based on NORMAL SCHEME and QOS performance metrics like end to end delay, energy spent,packet delivery ratio, throughput, overhead values are taken and graphs will be plotted in xgraph.

Flow of Implementation:

TCL Script, Default configurations of wireless,AODV protocol,NAM window,awk file execution,graph plot.

PROPOSED MECHANISM (PAPERS PROPOSED METHOD)

MODULE 3:

wireless adhoc network topology of creation of more number of nodes [50 nodes] with default node configurations and packet transmission will be based on PROPOSED CRB SCHEME (CONSTRAINED RELATIVE BEARING) CRB PROTOCOL which is developed in c++ and integrated in to NS2 package and network performance is increased with this method where as QOS performance metrics like end to end delay, energy spent,packet delivery ratio, throughput,overhead values are taken and graphs will be plotted in xgraph.

Flow of Implementation:

TCL Script, Default configurations of wireless, procedure written for CRB SCHEME, PROPOSED protocol, NAM window, awk file execution, graph plot.

MODULE 4:

Comparison of the existing NORMAL MECHANISM (AODV PROTOCOL) and proposed CRB MECHANISM (PROPOSED CRB PROTOCOL) with single trace file and graphs execution.

Flow of Implementation:

User generated trace files, graph plot.

NOTE:

SOFTWARES USED : REDHAT LINUX 9

Front End : TCL

Back End : C++

Enhancement (New work with the paper) has not given in the module break up. If the student has any idea on the same please contact else we will suggest you once we completed the paper work.