

Fair Routing for Overlapped Cooperative Heterogeneous Wireless Sensor 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 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, network load 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 topology of creation of more number of nodes [50 nodes] with default node configurations and packet transmission will be done based on PROPOSED FAIR COOPERATIVE ROUTING METHOD FCRP PROTOCOL which is developed in c++ and integrated in to NS2 package and QOS performance metrics like end to end delay, energy spent, packet delivery ratio, throughput, network load values are taken and graphs will be plotted in xgraph. Here Attack will be prevented and the network life time, performance will gets increased.

Flow of Implementation:

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

MODULE 5:

Comparison of the **existing (AODV PROTOCOL) and proposed (PROPOSED FCRP PROTOCOL) mechanism s** 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++