ABSTRACT

A Moving Network (MONET) scenario is a particular case when a group of nodes move together as a unit with respect to the ground network. Such groups are common characteristics of the vehicular environments .

The purpose of this research (thesis) is to know the performance of MONET (Moving Network) with these scenario : (1) MONET (Moving Network) which communicate with Base Stations, (2) MONET (Moving Network) which communicate with another MONET (Moving Network), (3) MONET (Moving Network) which communicate with MANET (Mobile Ad Hoc Network).

Simulation result indicates that the amount of a success package accepted by receiver is decreasing in line with the increasing amount of nodes. Simulation result also indicates that performance of network is decreasing in quality in line with addition amount of node and node mobility.

Keywords: MONET, vehicular, MANET, NS 2