

COMP1047 – Computer Networks – Lab 5

Lab 5: Simulation of a AODV with UDP/TCP

IMPORTANT. In this lab, you will understand the working of aodv with UDP and TCP. In the ns_aodv.tcl file, I have generated a random topology with random movement. You need to observe the topology by running again and again because each time a different topology will generate. Sometimes there will be no communication and sometimes there will be little, and sometimes a proper communication. Furthermore, the AWK files will help you to understand the packet drop and throughput. The aodv.png file is to show you the route discovery process of Adhoc On Demand Vector routing protocol.

You will be provided with the following files

- i. [ns_aodv.tcl](#)
- ii. [throughput.awk](#)
- iii. [packet.awk](#)
- iv. [aodv.png](#)