Abstract

Mobile Ad hoc Network (MANET) is a wireless network with network topology that can change faster and unpredictable movement at mobile node. MANET consist two routing protocol, proactive routing and reactive routing. OLSR protocol included to proactive routing which send periodic message for establish or update routing table that used to send data packet. AODV prptocol included to reactive routing which execute route discovery process before send packet data.

Today problematic is not yet recommendation to implementation AODV protocol dan OLSR protocol. Therefore, this final project establish AODV and OLSR simulation for analysis tools that perpose to get better recomendation choice between AODV and OLSR protocol at real implementation.

Key words : Mobile Ad hoc Network (MANET), wireless, mobile node, proactive routing, reactive routing, route discovery, AODV protocol, OLSR protocol.