

PERFORMANCE ANALYSIS OF DIFFERENT ROUTING PROTOCOLS USING NS-3

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ABSTRACT

Routing is the method of selecting appropriate paths in a network along which to send data over network traffic. Due to rapidly increasing demand of data consumption and network resources required to introduce new approaches of network configurations and architecture is proposed and implemented. Mobile ad hoc network is very popular domain of research due to their ad hoc nature and this nature produces some disadvantages over performance and security, to understand network gaps and their properties in proper manner. In this paper we include the MANET supported routing protocols and perform their performance analysis over different performance parameters i.e. PDR, throughput.

KEYWORDS: MANET, Routing Protocols DSDV, AODV, OLSR, Performance Metrics