

# **QUALITY OF SERVICES (QOS) EVALUATION IN ADHOC NETWORKS USING SOURCE-INITIATED ON-DEMAND ROUTING ALGORITHMS**

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## **ABSTRACT**

This paper evaluates the performance in terms of QoS parameters such as medium access delay, LAN delay, Retransmission attempts, Throughput parameters of an adhoc- and routed adhoc-network for video- and voice-data by means of different source-initiated on-demand routing algorithms such as Adhoc On-demand Distance-Vector (AODV), Dynamic Source Routing (DSR) and Optimized Link State Routing (OLSR) routing algorithms.

**KEYWORDS:** Adhoc Network, Routing Algorithms, Adhoc On-demand Distance-Vector (AODV) Algorithm, Dynamic Source Routing (DSR) Algorithm, OLSR (Optimized Link State Routing) Algorithms