Reducing The Energy Consumption of The Network By Finding The Shortest Path Using Hybrid Algorithm

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Abstract - Literature review revealed that a mobile ad hoc network (MANET) is a self configuring infrastructure less network of mobile devices connected by wireless. In particular, a manet has no base stations: a node communicates directly with nodes within wireless range and indirectly with all other nodes using a dynamically-computed, multi -hop route via the other nodes of the manet. Each device in a MANET is free to move independently in any direction and will therefore change its links to other devices frequently. Energy is one of the important factor in designing manet. In this paper the energy consumption is reduced by finding the shortest path using hybrid multicast algorithm in DSDV protocol.