Load balancing is a crucial problem in mobile ad hoc networks. Many conventional routing protocols that are developed are not having functionality of coping up load balancing. Hence several kinds of approaches are followed in the design and development of load balancing routing protocols. This paper aims to survey research articles pertaining to load balancing research problem in mobile ad hoc networks. Here various approaches are taken into account and literatures' key ideas are presented.

- Vinh Pham, Erlend Larsen, Paal E. Engelstad, Øivind Kure, "Performance analysis of gateway load balancing in ad hoc networks with random topologies,”

- Soundararajan, S, Bhuvaneswaran, R. S. "Multipath load balancing & rate based
congestion control for mobile ad hoc networks (MANET) and its applications (DICTAP), 16-18 May 2012, Page(s): 30 - 35
on Mobile Computing and Networking (Mobicom98), Dallas, TX, 1998.
- M. Gerla, FishEye state routing protocol (FSR) for ad hoc networks, Internet Draft, draft-ietf-manet-fsr-03. txt, work in progress, 2002.

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Keywords

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