A mobile ad hoc network (MANET) is a group of nodes or devices without any fixed infrastructure or centralized control. There will be no centralized control (like switch router etc.) or network infrastructure for a MANET to be set up, thus making its deployment very quick and inexpensive. In mobile ad-hoc network, the intermediate nodes or devices play role of router which routed the packets to the terminal node. The nodes ability to changes its location freely ensures a flexible and versatile non-static network topology which is another important function of a mobile ad-hoc network. Some of the ad-hoc applications cover emergency disaster relief, military operations over a battlefield (vulnerable infrastructure), and wilderness expeditions (transient networks), and community networking through health monitoring using medical sensor network (MSN). The security challenges in mobile ad-hoc networks have become a key
concern to provide secure and reliable communication. The Attacks on mobile ad-hoc networks minimizes network reliability and performance. The DOS (denial-of-service), Distributed denial-of-service (DDoS) attacks are very quickly growing problem. The variety and multitude of both the attacks and the defence approaches is overwhelming. These attacks affected network resources, denying of service for valid node and degrades performance of network. In this paper, distributed denial of service attacks (DDoS) is presented which are attacked on mobile ad-hoc network and advised approach to detect DDoS attack and provide valid solutions to maximize network performance and resources through comparison of different network parameters.

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