

Abstract Details

Title: A Survey Paper on Attacks in Mobile Ad-Hoc Network

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Abstract: Mobile ad hoc networks are a new paradigm of wireless communication. A Mobile Ad hoc Network (MANET) is a dynamic wireless network that can be formed infrastructure less connections in which each node can act as a router. The nodes in MANET themselves are responsible for dynamically discovering other nodes to communicate. There are various challenges that are faced in mobile ad hoc environment. In Present years, the security is an essential requirement in mobile ad hoc network. In comparison to wired network the mobile ad hoc network (MANET) is more exposed to being attacked. Because of its fundamental Properties, such as dynamic topology, limited power and limited bandwidth, it is very hard to achieve absolute security in the mobile ad hoc network. . MANET has no clear line of defense, so, it is accessible to both legitimate network users and malicious attackers. In this paperwork we pay attention to the different attacks within Mobile ad hoc networks such as active (flooding, black hole, spoofing, and wormhole) and passive (eavesdropping, traffic monitoring, and traffic analysis) attacks with description.

Keywords: MANET, Survey, Security attacks, DoS.