



RESEARCH ARTICLE

A Study of Manet and Wormhole Attack in Mobile Adhoc Network

Ranjeeta Siwach¹, Vanditaa Kaul²

¹Computer Science & Engineering, BSAITM, Faridabad, M.D University, India

²Computer Science & Engineering, BSAITM, Faridabad, M.D University, India

Abstract— Mobile Ad Hoc Networks is the most popular networks widely used in various applications. It consists of mobile nodes where each node communicates with each other. The control of nodes is not administrated by any access point. It generally works by broadcasting the information and used air as medium. Its broadcasting nature and transmission medium also help attacker to disrupt network. Many type of attack can be done on such Mobile Ad Hoc Network.

In this paper, we have analyzed the performance of Mobile Ad-hoc Networks (MANET) under wormhole attack. Wormhole attack makes some malicious node in the network that disrupts to delivery of Packets. This paper provides some important information about wormhole and its detection and prevention methods.

Key Terms: - MANET; wormhole; NEVO

Full Text: <http://www.ijcsmc.com/docs/papers/June2013/V2I6201384.pdf>