Security is an essential requirement in mobile ad hoc network (MANETs). In this paper, we proposed the survey of countermeasures of all security attacks of network layer in MANETs. To the best of our knowledge, this is the first paper that explaining all the existing countermeasures of network layer attacks in MANETs. The countermeasures are features or functions that reduce or eliminate security vulnerabilities and attacks.

Reference

- Payal N. Raj and Prashant B. Swades, “DPRAODV: A Dynamic Learning System Against
Countermeasures of Network Layer Attacks in MANETs

Countermeasures of Network Layer Attacks in MANETs

- Claude Cr´epeau, Carlton R. Davis and Muthucumaru Maheswaran, “A secure MANET routing protocol with resilience against byzantine behaviours of malicious or selfish nodes ”, 21st International Conference on Advanced Information Networking and Applications Workshops (AINAW’07) 0-7695-2847-3/07 $20.00 © 2007 IEEE.
- Sergey Chapkin, Boto Bako, Frank Kargl, Elmar Schoch,” Location Tracking Attack in Ad hoc Networks based on Topology Information “, 1-4244-0507-6/06/$20.00 ©2006 IEEE.

Index Terms

Computer Science Security

Key words

MANET Security attacks

Network Layer