Abstract

In recent days, Mobile Adhoc Networks have emerged as a major next generation wireless network technology. The wireless and distributed nature of MANETs paves way for the intruder to degrade the functionality of MANET. MANETs are vulnerable to numerous attacks at all layers, because the design of most MANET routing protocols assumes as if there is no malicious intruder node in the network. MANET is a collection of self configurable mobile nodes where each node acts as a router for other nodes, which allows data to travel, utilizing multi-hop network paths. In this paper, we made an exhaustive survey on various attacks in MANET and we try to categorize various attacks on the physical layer.
A Taxonomy of Physical Layer Attacks in MANET

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Index Terms

Computer Science
Networks

Keywords

MANET  MAC  DSSS