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### **REVIEW ARTICLE**

# **REVIEW PAPER ON RESPONSE BASED APPROACHES FOR DETECTION OF MISBEHAVING NODES IN MANETS**

**Swapna Taksande<sup>1</sup>, Prof. Rajani Bhoomarker<sup>2</sup>, Prof. Sameena Jafar<sup>3</sup>**

<sup>1</sup>Department of Electronics and Communication, Rajeev Gandhi Proud yogiki Vishwviyalaya, India

<sup>2</sup>Department of Electronics and Communication, Rajeev Gandhi Proud yogiki Vishwviyalaya, India

<sup>3</sup>Department of Electronics and Communication, Rajeev Gandhi Proud yogiki Vishwviyalaya, India

<sup>1</sup> swapna.t2007@gmail.com, <sup>2</sup> jounjarerajni@gmail.com, <sup>3</sup> hodecpatelcollege@gmail.com

**Abstract:** Mobile Ad-hoc Networks (MANET) are Infrastructure less networks where self-configuring mobile nodes are connected by wireless links. In MANET, each node in a network performs as both a transmitter and a receiver. They rely on each other to store and forward packets. Due to inherent characteristics like decentralization, self configuring, self -organizing networks, they can be deployed easily without need of expensive infrastructure and have wide range of military to civilian and commercial applications. But wireless medium, dynamically changing topology, limited battery and lack of centralized control in MANETs, make them vulnerable to various types of attacks. Intrusion Detection System (IDS) is required to detect the malicious attackers before they can accomplish any significant damages to the network. This paper focus on problem of misbehaving nodes in MANETs which is based on Dynamic source routing. As well as for above said problem this papers point out pros and cons of various responses based techniques.

**Keywords-** MANET; Misbehaving nodes; DSR; Selfish nodes; forged acknowledgement

Full Text: <http://www.ijcsmc.com/docs/papers/January2014/V3I1201465.pdf>