



## A REVIEW ON INTRUSION DETECTION SYSTEM IN MOBILE COMPUTING

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**ABSTRACT:** The appearance of mobile computing devices such as laptops, smart phones grew people started to expect to gain network connectivity. As a result several groups started working on means to accomplish this task. This led to wireless LANs being marketed by several companies however this proposed standard could be used in two ways, one with the presence of a base station and the other without the presence of a base station. In the latter case the computers would communicate to each other directly. This is called as an ad-hoc network. A further specified case of ad-hoc networks is when the nodes i.e., computers in this case are mobile. In these cases each node consists of a host and a router on the same device. This means that the nodes form a network without the use of an external routing device.

**Keywords:** companies, companies, networks, security, simultaneously

### [1]INTRODUCTION

As the appearance of mobile computing devices such as laptops, smart phones grew people started to expect to gain network connectivity. As a result several groups started working on means to accomplish this task. This led to wireless LANs being marketed by several companies. However this proposed standard could be used in two ways, one with the presence of a base station and the other without the presence of a base station. In the latter case the computers would communicate to each other directly. This is called as an ad-hoc network. A further specified case of ad-hoc networks is when the nodes i.e., computers in this case are mobile. In these cases each node consists of a host and a router on the same device. This means that the nodes form a network without the use of an external routing device. When a number of such nodes happen to be

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near to each other and form networks, and is called as ad-hoc network or Mobile ad hoc network (MANET). As we are aware now that MANETs do not have a fixed topology, thus every single node in the network acts as a host as well as a packet forwarding device i.e., a router. Further the nodes in a MANET can move in any direction and are allowed leave the network at any point of time.

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