

## **SUPPRESSION OF MALWARE DIFFUSION IN IOT NETWORKS USING GAME THEORY APPROACH**

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IoT devices are heterogeneous in nature and have numerous services to ease our lifestyle. Many Denial of Service (DoS) attacks tend to happen in network and it is essential to protect our system against them. Various techniques are used to identify the DoS attacks. In this paper Game theoretic approach is used. The Iterative Elimination of Dominated Strategies (IEDS) is being implemented to identify Denial Of Service (DoS) attacks. Experimental results show that game model identifies the attacks with detection rate of 97 percent.