

**Tesis Title : Defining Behavior Characteristic Of Distributed Denial Of Service Attacks Based On Management Information Base Variables**

**ABSTRACT**

*The goals of this thesis were defining behavior characteristic of distributed denial of service (DDoS) attacks based on management information base (MIB) variables. This research methods used method of analysis which include a study literature, experimental setup and evaluation. Based on the experimental setup was done and with the view of the behavior of existing MIB variables, the analyses of the result obtained shows that a large increase in the MIB variables on a particular network device is a sure indication of it being attacked in a DDoS manner. On the other hand a large raise in the MIB variable means that the system has been compromised and is a zombie participating in a DDoS attack against some other system. This knowledge could be used to detect the DDoS attack proactively. (FM)*

**Keywords :**

*Distributed denial of service attacks, management information base variables, experimental setup*