

ABSTRACT

Security held very important role in today's data communication. Therefore network administrator should be able to prevent all the security attack possibilities. Understanding characteristic of intrusion would help him to design the security system.

Packet scanning is the first step to intrude the network. Before launching the attack, intruder usually tries to gather information about the whole network to know the vulnerabilities. After scanning the network, mostly gaining illegal access to the network is almost a certain next step.

Some intrusion detection systems do not do correct definition in packet scanning. Usually they do not put scanning as an intrusion action. In this final research I will try to generate packet scanning and redefine some parameters of packet scanning.