



A Review Paper- Network Vulnerability Scanning Using Ant Colony Optimization

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ABSTRACT: A Computer Network is often refers to as a network, is used to share resources, applications and information through devices connected to the network. Computer network is a collection of autonomous computer interconnected by a single technology. . Network Security is becoming an important issue for all the organizations, and with the increase in knowledge of hackers and intruders they have made many successful attempts to bring down high-profile company University network sand web services. The computers aresaidto be interconnected if they are able to exchange information. The connection need not be a copper wire, fiber optics, microwaves, infrared and communication satellites can be used.

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[1]INTRODUCTION

Computer network is a collection of autonomous computer interconnected by a single technology. A Computer Network is often refers to as a network, is used to share resources, applications and information through devices connected to the network. The computer aresaidto be interconnected if they are able to exchange information. The connection need not be a copper wire, fiber optics, microwaves, infrared and communication satellites can be used. Networks come in many sizes, shapes and forms. e m n issue here is resource sharing and the goal is to make all programs, equipment and especially data available to anyone on the network without regard to physical location of the resources and the user. There are two types of computer network configuration peer-to-peer networks and client/server networks. Client/server networks are more suitable for larger

networks. Network security is the process of preventig and detecting unauthorized access to your network. Peer-to-peer are commonly implemented where less than ten computers are involved and where strict security is not necessary. Detection helps you to determine whether or not someone attempted to break into your system, if in a safe, and thrown at the bottom of the ocean. Prevention measures help you to stop unauthorized users (also known as "intruders") from accessing any part of your Network. Network security refers to all hardware and software functions, characteristics, features, operational procedures, accountability measures, access controls, and administrative and management policy required to provide an acceptable level of protection for hardware, software, and information in a network .

[2] LITERATURE SURVEY