

Firewall Technologies

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Abstract

Today, most businesses are based on a computer system, more or less developed. For daily activities the organization needs to be able to connect to the Internet, possibly from a local area network (LAN). But, once with the benefits of the Internet, there are also security risks that the organization must minimize by measures and appropriate controls. Among security issues arising from using the Internet include hacker attacks, computers infection with viruses, malware and spyware. In theory, hackers can enter inside the organization network and steal confidential data, damaging computers or the entire organization's local area network. In this sense, firewall implementation is a security measure needed to any organization. This paper presents firewall types and technologies, attacks on firewalls and some security measures on the internal network.

Index terms: firewall, firewall attacks, security

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