ABSTRACT

Filtering techniques in a router can be done in a variety of ways. Whether or not a technique of filtering can be seen from escaped or whether a package that has been defined as well as its influence on the hardware being used. The development of the techniques of filtering in a router more kinds, in tune with the more rapid development of hardware development.

Package Filtering is a way of working with the firewall monitors incoming and outgoing packets, allow it to pass or halted based on the Internet Protocol address (IP), Protocol, and port. Packet filtering is usually quite effectively used to withstand attacks from outside a LAN. Packet filtering firewall with also called static. During the communication with the internet network, packet that comes filtered and matched with rules that had previously been made in building a firewall.

In Indonesia itself Kominfo has provided tips and preventive measures that can be done on the side of the computer. Namely, by disabling the SMB functions and RDP, a windows patch updates, data backup/file on the storage of another and so on. However, there is no harm if it will add security method in a network system. On the Router Mikrotik, can take advantage of the features of the Firewall Filter to block incoming viruses do.

Packet filtering is usually quite effectively used to withstand attacks from outside a LAN. Packet filtering firewall with also called static. During the communication with the internet network, packet that comes filtered and matched with rules that had previously been made in building a firewall. If the data match, then the data can be accepted and vice versa if it does not fit in with the rules, then the data are rejected.

Key : Firewall, Filtering, Router