ABSTRACT

DESIGN AND IMPLEMENTATION OF FILTERING ACCESS TO COMPUTER NETWORK USING MIKROTIC FIREWALL IN PT.PURI AGUNG PROPERTINDO

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With the rapid development of computer technology, along with the increasing need for effective and efficient services. The use of computer network systems today has become a necessity that must be owned by companies or organizations in the digital era today. In this practical work the author aims to implement a network filtering system using mikrotik firewall for PT. Puri Agung Propertindo, so that employees at the company can use the internet network when working better and smoothly. This practical work process takes approximately four months, i.e. from January 2018 until April 2018. The processes undertaken include: data collection, problem analysis and needs, design and implementation, and testing. After implementing and testing network filtering system at PT. Puri Agung Propertindo, the authors can conclude that by doing this network filtering so that there is a site that is blocked on the internal internet network company then the internet network access on the company more smoothly.

Keywords : Filtering, Firewall, Mikrotik
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