

ABSTRACT

Leisure communicate through the medium of electronic mail or email now has been greatly reduced. One cause of discomfort is spam. In email communications, spam can be interpreted as unsolicited emails and never asked, but acceptable. Email spam is typically sent by a person or an email server. Of course it is very disturbing in sending and receiving email letters, besides that also can take cost and include abuse of authority in Internet communications that already have a certain standard.

To avoid spam emails are then required the creation of a mail server that does not require a lot of costs, can run with the stable, and has a complete component for the prevention of spam email. Components such as sending messages is SMTP, POP3 as the maker or recipient of the message, and IMAP as a web-based maker of messages. Prevention of spam emails do with how to configure filtering directly with the sender address that is not desired, or insert additional software to prevent spam automatically in the software or the SMTP Mail Transfer Agent is used. Mail Transfer Agent is software that is used to run the SMTP functions in order to work properly. One of the popular Mail Transfer Agent is Postfix. Postfix Mail Transfer Agent is software that runs on Linux operating systems. Besides being a free license, Postfix also more widely used by the administrator because of scalability, reliability, and meet the standard SMTP Internet. Furthermore, this email server also be complemented by antivirus and antispam software support to improve the security system.

Therefore, to meet all aspects of security in communicating by email, this project presents an email server that uses the Linux operating system Centos 4.5 as the operating system and using Postfix as a mail transfer agent program, and supplemented by courses Clamav, SpamAssassin and MailScanner as antivirus and antispam. This email server is managed detection a spam email with a long process of 2.712974 seconds

Keywords: *email, email server, spam, spam email*