A New Probability based Analysis for Recognition of Unwanted Emails

Abstract

Electronic mail is used as a mean for personal and business communication. The volume of unwanted messages or mails that are received is growing as well. Cost of sending this type of Email is very low for sender, so several people and companies use it to quickly distribute unsolicited bulk messages, also called spam, to a large number of recipients. The reasons for
sending spam vary and may include marketing of products and services. Moreover, many people uses spam as a medium for attacks and distributing harmful content such as viruses, trojan horses, worms and other malware. Spam has become a major threat for business users, network administrators and even ordinary users. In addition to regulations, several technical solutions including commercial and open source products have been proposed and deployed to block this problem. In this work proposed and implement mechanism for block spam mails by implementing anti spam filters at the network gateway.

Reference

- John Aycock & Nathan Friess, “Spam Zombies from Outer Space” Department of


**Index Terms**

Computer Science

Security

**Key words**

Spam filtering
text categorization
machine learning
legitimate

emails

unsolicited commercial e-mail

spam
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