Algorithm for Detection and Prevention of E-mail Date Spoofing

Abstract

Different security protocols offer different levels of security to insecure Simple Mail Transfer Protocol. These protocols vary considerably in degree of efficiency and adaptability. E-mail
system not only suffers from various well known message integrity problems like spamming, phishing, sender spoofing, etc., but it also experiences a lesser known problem of date spoofing. This paper briefly appraises date spoofing and threats it can cause to e-mail and other e-systems. It also illustrates processes to send and receive date spoofed e-mail messages. Further, it lists solutions to the problem of date spoofing and proposes a model including necessary algorithms to detect and stop transmission and reception of date spoofed e-mail messages.

Reference


Index Terms

Computer Science    Network Security

Key words

E-mail Date Spoofing    Security Protocols    E-mail
Security
SMTP
Mail Transfer Process