Algorithm for Detection and Prevention of E-mail Date Spoofing

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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