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Characterizing Trustworthy Behavior of Email Servers
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The growth and wide-spread use of the Internet have led to the creation of more convenient services such as electronic mail or email communication. Email is one of the prevailing methods of communication and many organizations have invested heavily in building infrastructure to facilitate the availability of email. The abuse of email systems to send unsolicited messages, known as spamming, has led to a substantial investment to fight against spam. Most techniques for fighting spam use a content analysis approach to identify and block spam emails. Our approach differs in that we propose to characterize the statistical behavior of email servers to determine what features may be used to distinguish servers who are spam forwarders from those that exhibit trustworthy behavior.