

A First Look at Internet Backbone Traffic for Identifying Spam

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May 10, 2010

Abstract

Spam is an increasing problem and current anti-spam tools are only efficient in hiding the spam from users' mailboxes. There is a clear need for moving the defense against spam as close to the spammers as possible in order to reduce problems such as the amount of unwanted traffic and waste of mail server resources. In this talk, I will present the first steps of our ongoing work on measuring email traffic on network-level in order to understand the network characteristics of spam and the network behavior of spammers, and consequently validate that spam traffic can be detected at the network level.