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      BCP 60
      RFC 3360

      Title: Inappropriate TCP Resets Considered Harmful
      Author(s): S. Floyd
      Status: Best Current Practice
      Date: August 2002
      Mailbox: floyd@icir.org
      Pages: 19
      Characters: 46748
      SeeAlso: BCP 60

      I-D Tag: draft-floyd-tcp-reset-04.txt

      URL: ftp://ftp.rfc-editor.org/in-notes/rfc3360.txt

This document is being written because there are a number of
firewalls in the Internet that inappropriately reset a TCP connection
upon receiving certain TCP SYN packets, in particular, packets with
flags set in the Reserved field of the TCP header. In this document
we argue that this practice is not conformant with TCP standards, and
is an inappropriate overloading of the semantics of the TCP reset.
We also consider the longer-term consequences of this and similar
actions as obstacles to the evolution of the Internet infrastructure.

This document specifies an Internet Best Current Practices for the
Internet Community, and requests discussion and suggestions for
improvements. Distribution of this memo is unlimited.

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