

Profile for DCCP Congestion Control ID 4: the Small-Packet Variant of TFRC CC.

Sally Floyd and Eddie Kohler
draft-floyd-ccid4-00.txt

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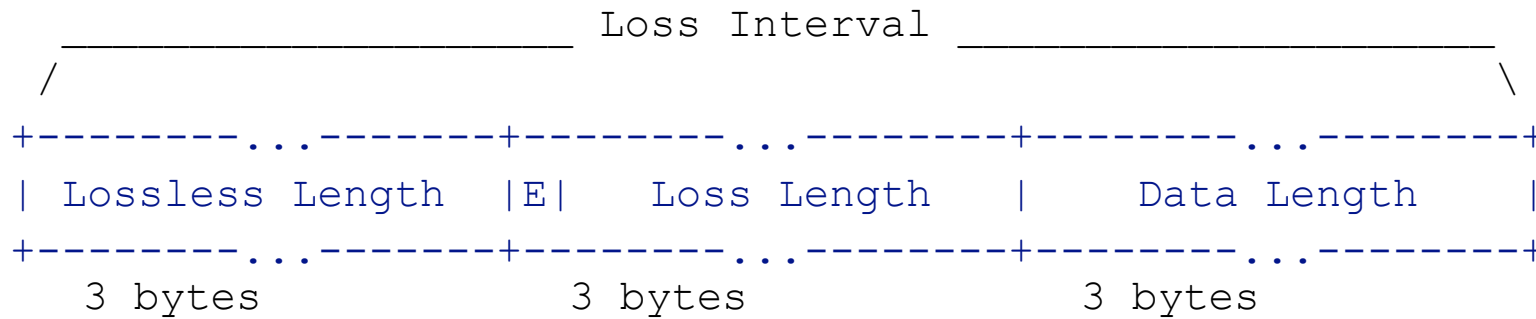
DCCP Working Group, IETF

Slides: <http://www.icir.org/floyd/talks.html>

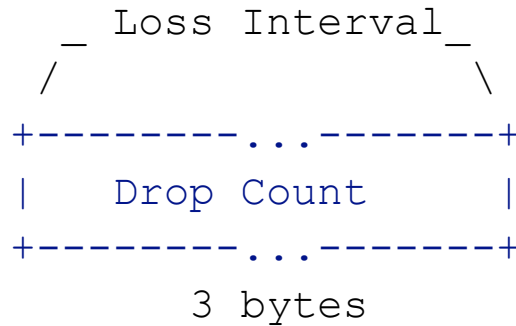
CCID 4 differences from CCID 3

- Header size:
 - The allowed transmit rate includes headers.
- Minimum sending rate:
 - A minimum interval of 10 ms. between packets.
- Loss rates for short loss intervals:
 - The computed loss rate takes into account the number of packets dropped.
 - If the most recent loss interval is short, it is not included in the calculation of the average loss interval size.
- The nominal segment size:
 - The nominal segment size used by the TCP throughput equation is set to 1460 bytes.

New: a CCID 3 Dropped Packets option



The old CCID 3 Loss Intervals Option.



The new CCID 3 Dropped Packets Option.

The CCID 3 Dropped Packets Option

- Specified in draft-kohler-dccp-ccid3-drops-00.txt (available from <http://www.read.cs.ucla.edu/dccp/>).

