draft-demizu-tcpm-paws-reordering-01.txt
draft-poon-tcp-tstamp-mod-01.txt

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PAWS and Reordering

- Problem: PAWS may discard reordered legitimate segments when retransmission happens

- Proposal: Record sequence number and TSval for every 2^{30} bytes of data

- Issues: Failed to protect ACK segments

- Next Revision: Solve the issue by applying the same algorithm to ACK

Timestamps Modification Issues

- Remove the mechanism which touches Cisco's IPR

- Valid range of TSecr is limited

- Issue: current proposal does not protect against wrapped around ACKs, will be fixed in the next revision