

Assignment 3

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Tested on various file formats of different size.

Default Timeout: 30ms

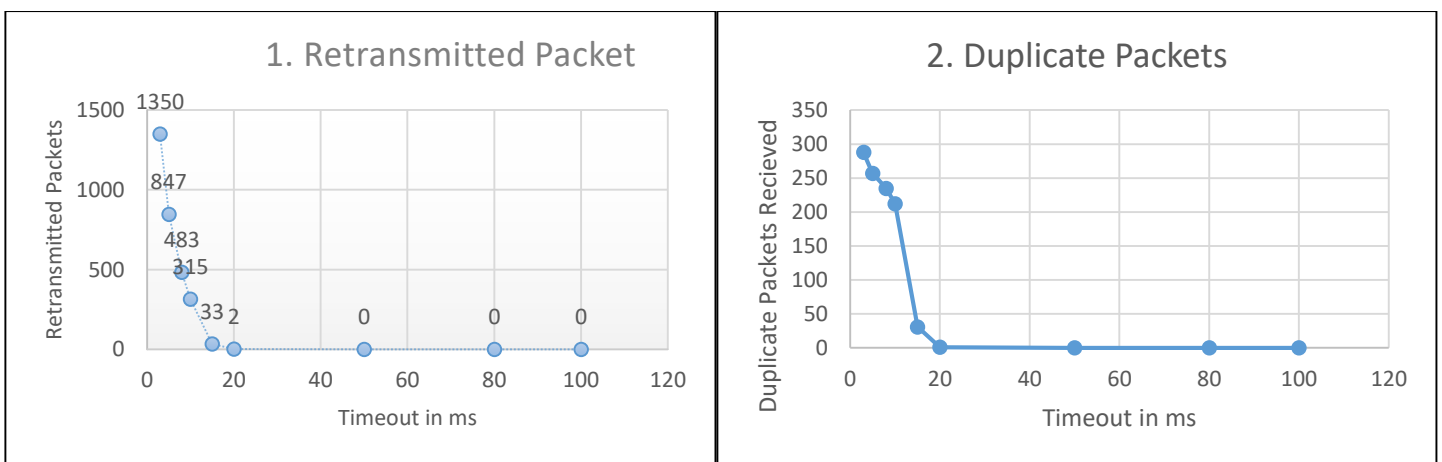
File Type	Actual Size	Received Size
.mp3	9883 KB	9883 KB
.mp4	15937 KB	15937 KB
.avi	712568 KB	712568 KB

Timeout for a packet **vs** Retransmitted Packets by Server (due to loss of acknowledgement /Packet loss) **and** Duplicate Packets received by client.

File Format : .mp4

Number of Packets: 404

Timeout (in ms)	Number of Unique Packets Send/Received	Retransmitted Packet By Server	Duplicate Packets received by client
100	404	0	0
80	404	0	0
50	404	0	0
20	404	2	1
15	404	33	31
10	404	315	212
8	404	483	235
5	404	847	257
3	404	1350	288



Plots based on Recorded observation **1)** Timeouts vs Retransmitted Packets and **2)** Timeouts vs Duplicate Packets