

**Anexo 1 – Ejercicio Nro 5**

Rendimiento	84,82 %	payload/total	Perdida	15,18 %	header_tcp/total
Duración	0,17	Segundos	Throughput	17885,381	bps

Tiempo	192.168.1.9:1093			
	Sec	Flag	ACK	Datos
2,017659	527940	SYN		0
2,019867				
2,021621	527941	ACK	1313747314	0
2,035591	527941	PSH,ACK	1313747314	416
2,038578				
2,06386				
2,064879				
2,065233				
2,066909	528357	ACK	1313749402	0
2,067912	528357	ACK	1313749403	0
2,18271	528357	ACK	1313749403	0

136.159.5.59:80			
Sec	Flag	ACK	Datos
1313747313	SYN,ACK	527941	0
1313747314	ACK	528357	1460
1313748774	ACK	528357	628
1313749402	PSH,ACK	528357	0
1313749402	FIN, ACK	528357	0

Bytes		
Tx	Datos	Overhead
44	0	44
44	0	44
40	0	40
456	416	40
1500	1460	40
668	628	872
40	0	668
40	0	40
40	0	40
40	0	40
2952	2504	448

## Anexo 2 – Ejercicio Nro 6

Rendimiento	92,42 %	payload/total	Pérdida	7,58 %	header_tcp/total
Tiempo	289,328	Segundos	Throughput	510,64	bps

192.168.1.9:1161					
Tiempo	Sec	Flag	ACK	Datos	
1779,489569	282106	SYN		0	4
1779,490471	282106	SYN		0	4 Retransmisión
1779,546491					
1779,548262	282107	ACK	320923460	0	
1779,549422	282107	ACK	320923460	0	Retransmisión
1779,552033	282107	PSH, ACK	320923460	490	Retransmisión
1779,629637					
1779,702041					
1779,839334	282597	ACK	320924688	0	
1780,24391					
1780,246893					
1780,247261					
1780,24808					
1780,248755					
1780,250391	282597	ACK	320927779	0	
1780,251578	282597	ACK	320927993	0	
1780,340336	282597	ACK	320927993	0	Retransmisión
1780,457226	282597	PSH, ACK	320927993	453	Retransmisión
1780,516462					
1780,528886					
1780,52932					
1780,530919	283050	ACK	320929737	0	
1780,680356	283050	ACK	320929737	0	Retransmisión
1780,897652	283050	PSH, ACK	320929737	506	Retransmisión
1780,969217					
1781,101542					
1781,102303					
1781,103686	283556	ACK	320930261	0	
1781,106373					
1781,108966					
1781,109192	283556	ACK	320931833	0	
1781,111499					
1781,11191					
1781,113228	283556	ACK	320934977	0	
1781,167259					
1781,176242	283556	ACK	320936186	0	
1781,205415	283556	ACK	320936186	0	Retransmisión
1781,637343	283556	PSH, ACK	320936186	527	Retransmisión
1781,714789					
1781,801296					
1781,804605					
1781,807822	284083	ACK	320938282	0	
1781,810649					
1781,813383					
1781,817523					
1781,819283					
1781,820795					
1781,821058	284083	ACK	320938282	0	
1781,822211	284083	ACK	320939854	0	
1781,822913	284083	ACK	320942474	0	
1781,824076	284083	ACK	320942474	0	Retransmisión
1781,85896	284083	ACK	320942474	0	Retransmisión
1781,871168					
1781,879877	284083	ACK	320943827	0	
1782,223631	284083	PSH, ACK	320943827	507	Retransmisión
1782,294687					
1782,357021					
1782,35817					
1782,360933					
1782,361799					
1782,362045	284590	ACK	320945923	0	
1782,364616					
1782,364925					
1782,365183	284590	ACK	320948019	0	
1782,366355	284590	ACK	320949591	0	
1782,418958					
1782,565983	284590	ACK	320949747	0	
1782,679065	284590	ACK	320949747	0	Retransmisión
1783,41127	284590	PSH, ACK	320949747	515	Retransmisión
1783,482824					
1783,501562					
1783,503062					
1783,50442					
1783,506879					
1783,507106	285105	ACK	320951843	0	
1783,508472					
1783,508882	285105	ACK	320953797	0	
1783,51782	285105	ACK	320954693	0	
1783,639717	285105	ACK	320954693	0	Retransmisión
1783,905421	285105	PSH, ACK	320954693	494	Retransmisión
1783,976219					

216.239.39.99:80				
Sec	Flag	ACK	Datos	
320923459	SYN, ACK	282107	4	
320923460	ACK	282597	0	
320923460	PSH, ACK	282597	1228	Retransmisión
320924688	ACK	282597	1430	
320926118	ACK	282597	1430	
320927548	PSH, ACK	282597	231	
320927779	PSH, ACK	282597	209	
320927988	PSH, ACK	282597	5	
320927993	ACK	283050	0	
320927993	PSH, ACK	283050	1430	Retransmisión
320929423	PSH, ACK	283050	314	
320929737	ACK	283556	0	
320929737	PSH, ACK	283556	524	Retransmisión
320931691	PSH, ACK	283556	142	
320930261	PSH, ACK	283556	1430	
320931833	ACK	283556	1430	
320933263	ACK	283556	1430	
320934693	PSH, ACK	283556	284	
320934977	PSH, ACK	283556	1209	
320936186	ACK	284083	0	
320936186	PSH, ACK	284083	1048	Retransmisión
320937234	PSH, ACK	284083	1048	
320939712	PSH, ACK	284083	142	
320938282	PSH, ACK	284083	1430	
320939854	PSH, ACK	284083	1430	
320939854	PSH, ACK	284083	1430	Retransmisión
320941284	PSH, ACK	284083	1190	
320942474	PSH, ACK	284083	1353	
320943827	ACK	284590	0	
320943827	PSH, ACK	284590	1430	Retransmisión
320945257	PSH, ACK	284590	666	
320945923	ACK	284590	1430	
320947353	PSH, ACK	284590	666	
320948019	ACK	284590	1430	
320949449	PSH, ACK	284590	142	
320949591	PSH, ACK	284590	156	
320949747	ACK	285105	0	
320949747	ACK	285105	1430	Retransmisión
320951177	PSH, ACK	285105	666	
320951843	PSH, ACK	285105	524	
320952367	ACK	285105	1430	
320953797	PSH, ACK	285105	896	
320954693	ACK	285599	0	

Bytes			
Tx	Datos	Overhead	
44	4	40	
44	4	40	
44	4	40	
40	0	40	
40	0	40	
530	490	40	
40	0	40	
1268	1228	40	
40	0	40	
1470	1430	40	
1470	1430	40	
271	231	40	
249	209	40	
45	5	40	
40	0	40	
40	0	40	
40	0	40	
40	0	40	
493	453	40	
40	0	40	
1470	1430	40	
354	314	40	
40	0	40	
40	0	40	
546	506	40	
40	0	40	
564	524	40	
182	142	40	
40	0	40	
1470	1430	40	
1470	1430	40	
40	0	40	
1470	1430	40	
324	284	40	
40	0	40	
1249	1209	40	
40	0	40	
40	0	40	
567	527	40	
40	0	40	
1088	1048	40	
1088	1048	40	
40	0	40	
182	142	40	
1470	1430	40	
1470	1430	40	
1470	1430	40	
1230	1190	40	
40	0	40	
40	0	40	
40	0	40	
40	0	40	
40	0	40	
1393	1353	40	
40	0	40	
547	507	40	
40	0	40	
1470	1430	40	
706	666	40	
1470	1430	40	
706	666	40	
40	0	40	
1470	1430	40	
182	142	40	
40	0	40	
40	0	40	
196	156	40	
40	0	40	
40	0	40	
555	515	40	
40	0	40	
1470	1430	40	
706	666	40	
564	524	40	
1470	1430	40	
40	0	40	
936	896	40	
40	0	40	
40	0	40	
40	0	40	
534	494	40	
40	0	40	

## Ejercicio 6

1784,015945						320954693	PSH, ACK	285599	1430	Retransmisión	1470	1430	40
1784,016937						320956123	PSH, ACK	285599	666		706	666	40
1784,019244						320956789	ACK	285599	1430		1470	1430	40
1784,019471	285599	ACK	320956789	0							40	0	40
1784,019889						320958219	PSH, ACK	285599	103		143	103	40
1784,020961	285599	ACK	320958322	0							40	0	40
1784,2543	285599	ACK	320958322	0	Retransmisión						40	0	40
1784,672245	285599	PSH, ACK	320958322	538	Retransmisión						578	538	40
1784,749754						320958322	ACK	286137	0		40	0	40
1784,763373						320958322	PSH, ACK	286137	1430	Retransmisión	1470	1430	40
1784,765185						320959752	PSH, ACK	286137	1430		1470	1430	40
1784,765913						320961182	PSH, ACK	286137	431		471	431	40
1784,766982	286137	ACK	320961613	0							40	0	40
1784,829603	286137	ACK	320961613	0	Retransmisión						40	0	40
1785,11593	286137	PSH, ACK	320961613	527	Retransmisión						567	527	40
1785,184647						320961613	ACK	286664	0		40	0	40
1785,231377						320961613	PSH, ACK	286664	1430	Retransmisión	1470	1430	40
1785,233505						320963043	PSH, ACK	286664	666		706	666	40
1785,235098	286664	ACK	320963709	0							40	0	40
1785,237907						320963709	ACK	286664	1430		1470	1430	40
1785,241205						320965139	ACK	286664	1430		1470	1430	40
1785,241617						320966569	PSH, ACK	286664	284		324	284	40
1785,24279						320966853	PSH, ACK	286664	524		564	524	40
1785,245145						320967377	PSH, ACK	286664	1416		1456	1416	40
1785,245405	286664	ACK	320966853	0							40	0	40
1785,248569	286664	ACK	320968793	0							40	0	40
1785,269446	286664	ACK	320968793	0	Retransmisión						40	0	40
1785,273406	286664	ACK	320968793	0	Retransmisión						40	0	40
1785,340605	286664	PSH, ACK	320968793	507	Retransmisión						547	507	40
1785,41651						320968793	ACK	287171	0		40	0	40
1785,449703						320968793	PSH, ACK	287171	1430	Retransmisión	1470	1430	40
1785,45117						320970223	PSH, ACK	287171	666		706	666	40
1785,453705						320970889	PSH, ACK	287171	1048		1088	1048	40
1785,453927	287171	ACK	320970889	0							40	0	40
1785,456304						320971937	ACK	287171	1430		1470	1430	40
1785,458084						320973367	ACK	287171	1430		1470	1430	40
1785,45962						320974797	PSH, ACK	287171	1226		1266	1226	40
1785,459983	287171	ACK	320973367	0							40	0	40
1785,461359	287171	ACK	320976023	0							40	0	40
1785,57736	287171	ACK	320976023	0	Retransmisión						40	0	40
1785,581361	287171	ACK	320976023	0	Retransmisión						40	0	40
1785,828117	287171	PSH, ACK	320976023	506	Retransmisión						546	506	40
1785,904768						320976023	ACK	287677	0		40	0	40
1785,962672						320976023	PSH, ACK	287677	1430	Retransmisión	1470	1430	40
1785,964215						320977453	PSH, ACK	287677	1190		1230	1190	40
1785,964593						320980073	PSH, ACK	287677	238		278	238	40
1785,967276						320978643	ACK	287677	1430		1470	1430	40
1785,967498	287677	ACK	320978643	0							40	0	40
1785,968802	287677	ACK	320980311	0							40	0	40
1786,054476	287677	ACK	320980311	0	Retransmisión						40	0	40
1786,548102	287677	PSH, ACK	320980311	513	Retransmisión						553	513	40
1786,625669						320980311	ACK	288190	0		40	0	40
1786,647034						320980311	PSH, ACK	288190	1430	Retransmisión	1470	1430	40
1786,649596						320981741	PSH, ACK	288190	1430		1470	1430	40
1786,65126						320983171	PSH, ACK	288190	1332		1372	1332	40
1786,651599						320984503	PSH, ACK	288190	181		221	181	40
1786,652908	288190	ACK	320983171	0							40	0	40
1786,653911	288190	ACK	320984684	0							40	0	40
1786,736837	288190	ACK	320984684	0	Retransmisión						40	0	40
1786,816389	288190	PSH, ACK	320984684	450	Retransmisión						490	450	40
1786,879583						320984684	PSH, ACK	288640	578		618	578	40
1787,018438	288640	ACK	320985262	0							40	0	40
1787,672621	288640	PSH, ACK	320985262	664	Retransmisión						704	664	40
1787,740518						320985262	PSH, ACK	289304	563		603	563	40
1787,927242	289304	ACK	320985825	0							40	0	40
1789,26159	289304	PSH, ACK	320985825	465	Retransmisión						505	465	40
1789,343981						320985825	ACK	289769	0		40	0	40
1789,357021						320985825	ACK	289769	1430	Retransmisión	1470	1430	40
1789,357815						320987255	PSH, ACK	289769	666		706	666	40
1789,358398						320987921	PSH, ACK	289769	178		218	178	40
1789,359562	289769	ACK	320988099	0							40	0	40
1789,463009	289769	ACK	320988099	0	Retransmisión						40	0	40
1789,589611	289769	PSH, ACK	320988099	459	Retransmisión						499	459	40
1789,653251						320988099	PSH, ACK	290228	271		311	271	40
1789,678545	290228	ACK	320988370	0							40	0	40
1805,740298	290228	PSH, ACK	320988370	503	Retransmisión						543	503	40
1805,81288						320988370	PSH, ACK	290731	127		167	127	40
1805,960006	290731	ACK	320988497	0							40	0	40
1806,352672	290731	PSH, ACK	320988497	503	Retransmisión						543	503	40
1806,42194						320988497	PSH, ACK	291234	127		167	127	40
1806,565958	291234	ACK	320988624	0							40	0	40
1806,799216	291234	PSH, ACK	320988624	506	Retransmisión						546	506	40
1806,87376											40	0	40
1806,900247						320988624	ACK	291740	0		40	0	40
1806,902299						320988624	ACK	291740	1430	Retransmisión	1470	1430	40
1806,904753						320990054	PSH, ACK	291740	666		706	666	40
1806,906574						320990720	ACK	291740	1430		1470	1430	40
1806,906796	291740	ACK	320990720	0		320992150	ACK	291740	1430		1470	1430	40
1806,908183						320993580	PSH, ACK	291740	808		848	808	40

### Ejercicio 6

[illegible]

### Ejercicio 6

1813,670852						321036482	PSH, ACK	295861	1430			1470	1430	40
1813,672307						321037912	PSH, ACK	295861	1190			1230	1190	40
1813,67259						321039102	PSH, ACK	295861	96			136	96	40
1813,673189	295861	ACK	321036482	0								40	0	40
1813,675441						321039102	PSH, ACK	295861	96			136	96	40
1813,676203	295861	ACK	321039102	0								40	0	40
1813,71623	295861	ACK	321039198	0								40	0	40
1814,282459	295861	PSH, ACK	321039198	513	Retransmisión							553	513	40
1814,352987						321039198	ACK	296374	0			40	0	40
1814,382812						321039198	PSH, ACK	296374	1430	Retransmisión		1470	1430	40
1814,383841						321040628	PSH, ACK	296374	666			706	666	40
1814,386253						321041294	ACK	296374	1430			1470	1430	40
1814,38724						321042724	PSH, ACK	296374	847			887	847	40
1814,387473	296374	ACK	321041294	0								40	0	40
1814,388449	296374	ACK	321043571	0								40	0	40
1814,452172	296374	ACK	321043571	0	Retransmisión							40	0	40
1814,623723	296374	PSH, ACK	321043571	500	Retransmisión							540	500	40
1814,70314						321043571	ACK	296874	0			40	0	40
1814,72869						321043571	PSH, ACK	296874	127	Retransmisión		167	127	40
1814,853795	296874	ACK	321043698	0								40	0	40
2068,817558						321043698	FIN, ACK	296874	0			40	0	40
											Totales	147743	136543	11200

## Anexo 3 – Ejercicio Nro 7

Rendimiento	95,42 %	payload/total	Pérdida	4,58 %	header_tcp/total
Duración	7,23196	Segundos	Throughput	77283	bps

Tiempo	192.168.1.9:1076				Datos
	Sec	Flag	ACK		
2125,980127	0	SYN		0	4
2126,047199					
2126,047403	0	ACK	523973249		0
2126,055685	228970	PSH, ACK	523973249		400
2126,121567					
2126,128669					
2126,130558					
2126,131943	229370	ACK	523976169		0
2126,153445	229370	ACK	523976169		0
2126,203787					
2126,206258					
2126,208153					
2126,208378	229370	ACK	523979089		0
2126,220656	229370	ACK	523980549		0
2126,280147					
2126,28276					
2126,284775					
2126,285	229370	ACK	523983469		0
2126,29305					
2126,295006					
2126,295234	229370	ACK	523986389		0
2126,303899	229370	ACK	523987849		0
2126,318783	229370	ACK	523987849		0
2126,357288					
2126,359711					
2126,361571					
2126,361798	229370	ACK	523990769		0
2126,36622	229370	ACK	523992229		0
2126,368976					
2126,371815					
2126,37363					
2126,374962	229370	ACK	523995149		0
2126,377623					
2126,379444					
2126,380966	229370	ACK	523998069		0
2126,390013	229370	ACK	523999529		0
2126,403532	229370	ACK	523999529		0
2126,433759					
2126,436389					
2126,43907					
2126,439295	229370	ACK	524002449		0
2126,441449					
2126,443294					
2126,444443	229370	ACK	524005369		0
2126,447981					
2126,450688					
2126,450923	229370	ACK	524008289		0
2126,453682					
2126,455591					
2126,45582	229370	ACK	524011209		0
2126,457878					
2126,459692					
2126,459923	229370	ACK	524014129		0
2126,462396					
2126,464192					
2126,465797	229370	ACK	524018509		0
2126,48463	229370	ACK	524018509		0
2126,498508	229370	ACK	524018509		0
2126,510269					
2126,512643					
2126,514479					
2126,515818	229370	ACK	524021429		0
2126,518927					
2126,521493					
2126,521725	229370	ACK	524024349		0
2126,524222					
2126,526191					
2126,526414	229370	ACK	524027269		0
2126,528649					
2126,530512					
2126,532402	229370	ACK	524030189		0
2126,534186	229370	ACK	524031649		0
2126,537034					
2126,539823					
2126,541614					
2126,542745	229370	ACK	524034569		0
2126,55517					
2126,557455					
2126,55925					
2126,559487	229370	ACK	524037489		0
2126,561648	229370	ACK	524040409		0

12.156.2.199:80			
Sec	Flag	ACK	Datos
0	SYN, ACK	228970	4
523973249	ACK	229370	0
523973249	ACK	229370	1460
523974709	ACK	229370	1460
523976169	ACK	229370	1460
523977629	ACK	229370	1460
523979089	ACK	229370	1460
523980549	ACK	229370	1460
523982009	ACK	229370	1460
523983469	ACK	229370	1460
523984929	PSH, ACK	229370	1460
523986389	ACK	229370	1460
523987849	ACK	229370	1460
523989309	ACK	229370	1460
523990769	PSH, ACK	229370	1460
523992229	ACK	229370	1460
523993689	ACK	229370	1460
523995149	ACK	229370	1460
523996609	ACK	229370	1460
523998069	ACK	229370	1460
523999529	ACK	229370	1460
524000989	ACK	229370	1460
524002449	ACK	229370	1460
524003909	ACK	229370	1460
524005369	PSH, ACK	229370	1460
524006829	ACK	229370	1460
524008289	ACK	229370	1460
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524014129	ACK	229370	1460
524015589	ACK	229370	1460
524017049	ACK	229370	1460
524018509	ACK	229370	1460
524019969	ACK	229370	1460
524021429	ACK	229370	1460
524022889	PSH, ACK	229370	1460
524024349	ACK	229370	1460
524025809	PSH, ACK	229370	1460
524027269	ACK	229370	1460
524028729	ACK	229370	1460
524030189	ACK	229370	1460
524031649	ACK	229370	1460
524033109	ACK	229370	1460
524034569	ACK	229370	1460
524036029	ACK	229370	1460
524037489	ACK	229370	1460
524038949	ACK	229370	1460

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## Ejercicio 7

2126,56343	229370	ACK	524040409	0	Retransmisión
2126,568676					
2126,57055					
2126,571981	229370	ACK	524043329	0	Retransmisión
2126,586484	229370	ACK	524043329	0	
2126,596874	229370	ACK	524043329	0	
2126,60641					Retransmisión
2126,609134					
2126,611011					
2126,611241	229370	ACK	524046249	0	Retransmisión
2126,620768	229370	ACK	524047709	0	
2126,635585	229370	ACK	524047709	0	
2126,638899					Retransmisión
2126,641494					
2126,643348					
2126,644449	229370	ACK	524050629	0	Retransmisión
2126,657286					
2126,659641					
2126,661536					Retransmisión
2126,661754	229370	ACK	524053549	0	
2126,662969	229370	ACK	524056469	0	
2126,665548	229370	ACK	524056469	0	Retransmisión
2126,668122					
2126,670778					
2126,672592					Retransmisión
2126,673871	229370	ACK	524059389	0	
2126,691702					
2126,693535					Retransmisión
2126,694749	229370	ACK	524062309	0	
2126,695795	229370	ACK	524063769	0	
2126,707433					Retransmisión
2126,710022					
2126,71198					
2126,712207	229370	ACK	524066689	0	Retransmisión
2126,720222	229370	ACK	524068149	0	
2126,738338					
2126,740881					Retransmisión
2126,74286					
2126,743085	229370	ACK	524071069	0	
2126,747841	229370	ACK	524072529	0	Retransmisión
2126,762888	229370	ACK	524072529	0	
2126,766896					
2126,769453					Retransmisión
2126,771294					
2126,772464	229370	ACK	524075449	0	
2126,785893	229370	ACK	524076909	0	Retransmisión
2126,791847					
2126,794652					
2126,796759					Retransmisión
2126,796984	229370	ACK	524079829	0	
2126,813247	229370	ACK	524081289	0	
2126,818816					Retransmisión
2126,820778					
2126,822208	229370	ACK	524084209	0	
2126,834619					Retransmisión
2126,836955					
2126,838754					
2126,839962	229370	ACK	524087129	0	Retransmisión
2126,842384	229370	ACK	524088589	0	
2126,859018					
2126,861257					Retransmisión
2126,863067					
2126,86423	229370	ACK	524091509	0	
2126,873171	229370	ACK	524092969	0	Retransmisión
2126,886406					
2126,889438					
2126,891356					Retransmisión
2126,891588	229370	ACK	524095889	0	
2126,897313	229370	ACK	524097349	0	
2126,912927					Retransmisión
2126,91316	229370	ACK	524097349	0	
2126,915717					
2126,917688					Retransmisión
2126,918892	229370	ACK	524100269	0	
2126,933107	229370	ACK	524101729	0	
2126,945213					Retransmisión
2126,947059					
2126,94845	229370	ACK	524104649	0	
2126,952453	229370	ACK	524104649	0	Retransmisión
2126,967832	229370	ACK	524104649	0	
2126,971952					
2126,974328					Retransmisión
2126,976236					
2126,976461	229370	ACK	524107569	0	
2126,985558					Retransmisión
2126,98786					
2126,988338	229370	ACK	524110489	0	
2126,990961					Retransmisión
2126,992489	229370	ACK	524113409	0	

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524041869	ACK	229370	1460
524043329	ACK	229370	1460
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524059389	ACK	229370	1460
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524066689	ACK	229370	1460
524068149	ACK	229370	1460
524069609	ACK	229370	1460
524071069	ACK	229370	1460
524072529	PSH, ACK	229370	1460
524073989	ACK	229370	1460
524075449	ACK	229370	1460
524076909	ACK	229370	1460
524078369	ACK	229370	1460
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524087129	ACK	229370	1460
524088589	ACK	229370	1460
524090049	PSH, ACK	229370	1460
524091509	PSH, ACK	229370	1460
524092969	ACK	229370	1460
524094429	ACK	229370	1460
524095889	ACK	229370	1460
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524103189	ACK	229370	1460
524104649	ACK	229370	1460
524106109	ACK	229370	1460
524107569	ACK	229370	1460
524109029	ACK	229370	1460
524110489	PSH, ACK	229370	1460
524111949	ACK	229370	1460

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## Ejercicio 7

2127,000753	229370	ACK	524113409	0	Retransmisión
2127,004679					
2127,007276					
2127,009094					
2127,010235	229370	ACK	524116329	0	
2127,023001					
2127,023227	229370	ACK	524117789	0	
2127,025753					
2127,027621					
2127,028777	229370	ACK	524120709	0	
2127,03937					
2127,041176					
2127,042485	229370	ACK	524123629	0	
2127,048408	229370	ACK	524125089	0	
2127,06375	229370	ACK	524125089	0	Retransmisión
2127,075148					
2127,075415	229370	ACK	524125089	0	
2127,078019					
2127,079907					
2127,081091	229370	ACK	524128009	0	
2127,094444					
2127,096974					
2127,098853					
2127,099077	229370	ACK	524130929	0	
2127,100276	229370	ACK	524133849	0	
2127,11376	229370	ACK	524133849	0	Retransmisión
2127,119409					
2127,121455					
2127,123243					
2127,124534	229370	ACK	524136769	0	
2127,135002					
2127,137657					
2127,139469					
2127,141522					
2127,14175	229370	ACK	524139689	0	
2127,142719	229370	ACK	524141149	0	
2127,146894					
2127,148971					
2127,149179	229370	ACK	524144069	0	
2127,167603	229370	ACK	524145529	0	
2127,185044					
2127,185254	229370	ACK	524145529	0	
2127,188052					
2127,189873					
2127,191249	229370	ACK	524148449	0	
2127,212325	229370	ACK	524149909	0	
2127,215946					
2127,218506					
2127,220386					
2127,220612	229370	ACK	524152829	0	
2127,238577					
2127,241051					
2127,241287	229370	ACK	524155749	0	
2127,243692					
2127,245057	229370	ACK	524158669	0	
2127,246651	229370	ACK	524158669	0	Retransmisión
2127,256941					
2127,259524					
2127,261331					
2127,262497	229370	ACK	524161589	0	
2127,275104	229370	ACK	524163049	0	
2127,276702	229370	ACK	524163049	0	Retransmisión
2127,285234					
2127,287675					
2127,289559					
2127,289785	229370	ACK	524165969	0	
2127,306317	229370	ACK	524167429	0	
2127,317795					
2127,319646					
2127,321052	229370	ACK	524170349	0	
2127,340439	229370	ACK	524170349	0	Retransmisión
2127,348702					
2127,351269					
2127,353135					
2127,354319	229370	ACK	524173269	0	
2127,369579	229370	ACK	524174729	0	
2127,379066					
2127,38155					
2127,383492					
2127,384687	229370	ACK	524177649	0	
2127,403236	229370	ACK	524179109	0	
2127,411956					
2127,414207					
2127,416112					
2127,417292	229370	ACK	524182029	0	
2127,432892	229370	ACK	524183489	0	
2127,440731					
2127,443132					
2127,44508					

524113409	ACK	229370	1460
524114869	ACK	229370	1460
524116329	ACK	229370	1460
524117789	ACK	229370	1460
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524122169	ACK	229370	1460
524123629	ACK	229370	1460
524125089	ACK	229370	1460
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524128009	PSH, ACK	229370	1460
524129469	ACK	229370	1460
524130929	PSH, ACK	229370	1460
524132389	ACK	229370	1460
524133849	ACK	229370	1460
524135309	ACK	229370	1460
524136769	ACK	229370	1460
524138229	ACK	229370	1460
524139689	ACK	229370	1460
524141149	ACK	229370	1460
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524142609	ACK	229370	1460
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524145529	ACK	229370	1460
524146989	ACK	229370	1460
524148449	ACK	229370	1460
524149909	ACK	229370	1460
524151369	PSH, ACK	229370	1460
524152829	ACK	229370	1460
524154289	ACK	229370	1460
524155749	ACK	229370	1460
524157209	ACK	229370	1460
524158669	ACK	229370	1460
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524165969	ACK	229370	1460
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524168889	ACK	229370	1460
524170349	ACK	229370	1460
524171809	PSH, ACK	229370	1460
524173269	ACK	229370	1460
524174729	ACK	229370	1460
524176189	ACK	229370	1460
524177649	ACK	229370	1460
524179109	ACK	229370	1460
524180569	ACK	229370	1460
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524183489	ACK	229370	1460
524184949	ACK	229370	1460
524186409	ACK	229370	1460

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## Ejercicio 7

2127,445303	229370	ACK	524186409	0	Retransmisión
2127,463047	229370	ACK	524187869	0	
2127,474021					
2127,475796					
2127,477183	229370	ACK	524190789	0	
2127,492444	229370	ACK	524190789	0	
2127,504414					
2127,507141					
2127,50898					
2127,51013	229370	ACK	524193709	0	
2127,523792	229370	ACK	524195169	0	Retransmisión
2127,533503					
2127,536132					
2127,538231					
2127,538463	229370	ACK	524198089	0	
2127,564838					
2127,567564					
2127,569373					
2127,5696	229370	ACK	524201009	0	
2127,576023	229370	ACK	524203929	0	Retransmisión
2127,577645	229370	ACK	524203929	0	
2127,594957					
2127,597422					
2127,599578					
2127,59982	229370	ACK	524206849	0	
2127,629308	229370	ACK	524208309	0	
2127,649542					
2127,651473					
2127,652916	229370	ACK	524211229	0	Retransmisión
2127,679199	229370	ACK	524211229	0	
2127,700308					
2127,702817					
2127,704723					
2127,704947	229370	ACK	524214149	0	
2127,729303	229370	ACK	524215609	0	
2127,751438					
2127,753682					
2127,755657					Retransmisión
2127,755891	229370	ACK	524218529	0	
2127,782084	229370	ACK	524219989	0	
2127,800056					
2127,80248					
2127,804442					
2127,804669	229370	ACK	524222909	0	
2127,832949	229370	ACK	524224369	0	
2127,852865					
2127,855484					
2127,857628					Retransmisión
2127,85785	229370	ACK	524227289	0	
2127,886286	229370	ACK	524228749	0	
2127,903121					
2127,904994					
2127,906424	229370	ACK	524231669	0	
2127,941666	229370	ACK	524231669	0	
2127,957434					
2127,960057					
2127,961885					
2127,963017	229370	ACK	524234589	0	Retransmisión
2127,99727	229370	ACK	524236049	0	
2128,012623					
2128,015807					
2128,017757					
2128,017978	229370	ACK	524238969	0	
2128,018354	229370	ACK	524238969	0	
2128,051315	229370	ACK	524240429	0	
2128,06765					
2128,07022					
2128,072019					Retransmisión
2128,073136	229370	ACK	524243349	0	
2128,104846	229370	ACK	524244809	0	
2128,121739					
2128,124374					
2128,126275					
2128,126495	229370	ACK	524247729	0	
2128,161891	229370	ACK	524249189	0	
2128,175802					
2128,177608					
2128,178957	229370	ACK	524252109	0	Retransmisión
2128,21558	229370	ACK	524252109	0	
2128,23314					
2128,235691					
2128,237491					
2128,238631	229370	ACK	524255029	0	
2128,270798	229370	ACK	524256489	0	
2128,286358					
2128,288895					
2128,290819					
2128,291996	229370	ACK	524259409	0	Retransmisión
2128,293015	229370	ACK	524259409	0	

524187869	ACK	229370	1460
524189329	PSH, ACK	229370	1460
524190789	PSH, ACK	229370	1460
524192249	ACK	229370	1460
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524195169	ACK	229370	1460
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524209769	PSH, ACK	229370	1460
524211229	ACK	229370	1460
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524214149	ACK	229370	1460
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524217069	ACK	229370	1460
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524221449	ACK	229370	1460
524222909	ACK	229370	1460
524224369	ACK	229370	1460
524225829	ACK	229370	1460
524227289	PSH, ACK	229370	1460
524228749	PSH, ACK	229370	1460
524230209	ACK	229370	1460
524231669	ACK	229370	1460
524233129	ACK	229370	1460
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524249189	PSH, ACK	229370	1460
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## Ejercicio 7

2128,296329	229370	ACK	524259409	0	Retransmisión
2128,331516	229370	ACK	524260869	0	
2128,341824					
2128,344045					
2128,345986					
2128,346209	229370	ACK	524263789	0	
2128,38904	229370	ACK	524265249	0	
2128,40331					
2128,405905					
2128,407739					
2128,408915	229370	ACK	524268169	0	
2128,445959	229370	ACK	524269629	0	
2128,46219					
2128,463989					
2128,465417	229370	ACK	524272549	0	
2128,504298	229370	ACK	524272549	0	Retransmisión
2128,51754					
2128,519851					
2128,521789					
2128,522013	229370	ACK	524275469	0	
2128,566229	229370	ACK	524276929	0	
2128,575197					
2128,577086					
2128,578922					
2128,580717					
2128,580941	229370	ACK	524279849	0	
2128,625604	229370	ACK	524281309	0	
2128,626813	229370	ACK	524281309	0	Retransmisión
2128,629849	229370	ACK	524281309	0	
2128,63766					
2128,640269					
2128,642189					
2128,642427	229370	ACK	524284229	0	
2128,686047	229370	ACK	524285689	0	
2128,701809					
2128,704153					
2128,706061					
2128,706292	229370	ACK	524288609	0	
2128,748032	229370	ACK	524290069	0	
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2128,758964					
2128,760365	229370	ACK	524292989	0	
2128,810071	229370	ACK	524292989	0	Retransmisión
2128,818589					
2128,821271					
2128,82311					
2128,823332	229370	ACK	524295909	0	
2128,871042	229370	ACK	524297369	0	
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2128,884648					
2128,886569					
2128,886793	229370	ACK	524300289	0	
2128,935896	229370	ACK	524301749	0	
2128,943361					
2128,945765					
2128,947621					
2128,947842	229370	ACK	524304669	0	
2129,003175	229370	ACK	524306129	0	
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2129,010547					
2129,012568					
2129,012801	229370	ACK	524309049	0	
2129,07728					
2129,07982					
2129,081684					
2129,081938	229370	ACK	524311969	0	
2129,083788	229370	ACK	524314889	0	
2129,085491	229370	ACK	524314889	0	Retransmisión
2129,144559	229370	ACK	524314889	0	
2129,156779					
2129,158716					
2129,160114	229370	ACK	524317809	0	
2129,215174					
2129,217866					
2129,219707					
2129,220873	229370	ACK	524320729	0	
2129,295364	229370	ACK	524322189	0	
2129,367982					
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2129,372516					
2129,373723	229370	ACK	524325109	0	
2129,453488	229370	ACK	524326569	0	
2129,517774	229370	ACK	524326569	0	Retransmisión
2129,526324					
2129,529052					
2129,530884					
2129,531111	229370	ACK	524329489	0	
2129,585719	229370	ACK	524330949	0	
2129,589447					

524260869	ACK	229370	1460
524262329	ACK	229370	1460
524263789	ACK	229370	1460
524265249	ACK	229370	1460
524266709	PSH, ACK	229370	1460
524268169	ACK	229370	1460
524269629	PSH, ACK	229370	1460
524271089	ACK	229370	1460
524272549	ACK	229370	1460
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524278389	ACK	229370	1460
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524284229	ACK	229370	1460
524285689	ACK	229370	1460
524287149	PSH, ACK	229370	1460
524288609	ACK	229370	1460
524290069	PSH, ACK	229370	1460
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524304669	ACK	229370	1460
524306129	ACK	229370	1460
524307589	ACK	229370	1460
524309049	ACK	229370	1460
524310509	PSH, ACK	229370	1460
524311969	ACK	229370	1460
524313429	ACK	229370	1460
524314889	ACK	229370	1460
524316349	ACK	229370	1460
524317809	ACK	229370	1460
524319269	ACK	229370	1460
524320729	ACK	229370	1460
524322189	ACK	229370	1460
524323649	ACK	229370	1460
524325109	ACK	229370	1460
524326569	ACK	229370	1460
524328029	PSH, ACK	229370	1460
524329489	ACK	229370	1460
524330949	PSH, ACK	229370	1460

Retransmisión

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### Ejercicio 7

2129,592102				
2129,593934				
2129,594207	229370	ACK	524333869	0
2129,660419				
2129,662266				
2129,66345	229370	ACK	524336789	0
2129,73171	229370	ACK	524338249	0
2129,792365	229370	ACK	524338249	0
2129,804879				
2129,807625				
2129,80955				
2129,809774	229370	ACK	524341169	0
2129,862634	229370	ACK	524342629	0
2129,865384				
2129,868117				
2129,869977				
2129,870202	229370	ACK	524345549	0
2129,934834				
2129,937213				
2129,939067				
2129,93929	229370	ACK	524348469	0
2129,94076	229370	ACK	524349929	0
2130,00498	229370	ACK	524351389	0
2130,011912				
2130,014577				
2130,016385				
2130,017475	229370	ACK	524354309	0
2130,077988	229370	ACK	524355769	0
2130,078881	229370	ACK	524355769	0
2130,081473				
2130,083348				
2130,084724	229370	ACK	524358689	0
2130,151525				
2130,151741	229370	ACK	524358689	0
2130,154074				
2130,155878				
2130,157224	229370	ACK	524361609	0
2130,219736	229370	ACK	524363069	0
2130,223688				
2130,226293				
2130,228139				
2130,229322	229370	ACK	524365989	0
2130,291369				
2130,293773				
2130,29559				
2130,295817	229370	ACK	524368909	0
2130,296984	229370	ACK	524371829	0
2130,302192	229370	ACK	524371829	0
2130,370323	229370	ACK	524371829	0
2130,3734				
2130,376047				
2130,377904				
2130,378124	229370	ACK	524374749	0
2130,443338				
2130,445154				
2130,446381	229370	ACK	524377669	0
2130,449463	229370	ACK	524379129	0
2130,520067				
2130,522287				
2130,524097				
2130,525318	229370	ACK	524382049	0
2130,526941	229370	ACK	524383509	0
2130,595174	229370	ACK	524383509	0
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2130,603705				
2130,603935	229370	ACK	524386429	0
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2130,66992				
2130,671781				
2130,672016	229370	ACK	524389349	0
2130,673171	229370	ACK	524392269	0
2130,680128	229370	ACK	524392269	0
2130,750697				
2130,750904	229370	ACK	524392269	0
2130,753703				
2130,755595				
2130,756771	229370	ACK	524395189	0
2130,821365				
2130,823257				
2130,824472	229370	ACK	524398109	0
2130,827907	229370	ACK	524399569	0
2130,898626				
2130,90124				
2130,903151				
2130,903377	229370	ACK	524402489	0
2130,90941	229370	ACK	524403949	0
2130,97983				
2130,982321				

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524335329	ACK	229370	1460
524336789	ACK	229370	1460
524338249	ACK	229370	1460
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524344089	ACK	229370	1460
524345549	ACK	229370	1460
524347009	ACK	229370	1460
524348469	ACK	229370	1460
524349929	PSH, ACK	229370	1460
524351389	PSH, ACK	229370	1460
524352849	ACK	229370	1460
524354309	ACK	229370	1460
524355769	ACK	229370	1460
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524365989	ACK	229370	1460
524367449	ACK	229370	1460
524368909	ACK	229370	1460
524370369	ACK	229370	1460
524371829	PSH, ACK	229370	1460
524373289	ACK	229370	1460
524374749	ACK	229370	1460
524376209	ACK	229370	1460
524377669	ACK	229370	1460
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524383509	ACK	229370	1460
524384969	ACK	229370	1460
524386429	ACK	229370	1460
524387889	ACK	229370	1460
524389349	PSH, ACK	229370	1460
524390809	ACK	229370	1460
524392269	PSH, ACK	229370	1460
524393729	ACK	229370	1460
524395189	ACK	229370	1460
524396649	ACK	229370	1460
524398109	ACK	229370	1460
524399569	ACK	229370	1460
524401029	ACK	229370	1460
524402489	ACK	229370	1460
524403949	ACK	229370	1460
524405409	ACK	229370	1460

[illegible]

## Ejercicio 7

2130,984882					
2130,985112	229370	ACK	524406869	0	
2130,987509	229370	ACK	524408329	0	
2130,989368	229370	ACK	524408329	0	Retransmisión
2130,991343	229370	ACK	524408329	0	Retransmisión
2131,0621					
2131,064732					
2131,066641					
2131,066863	229370	ACK	524409789	0	
2131,0681	229370	ACK	524412709	0	
2131,137726					
2131,140099					
2131,142099					
2131,144028					
2131,14425	229370	ACK	524415629	0	
2131,148752	229370	ACK	524417089	0	
2131,219231					
2131,221098					
2131,22244	229370	ACK	524420009	0	
2131,228629	229370	ACK	524420009	0	Retransmisión
2131,299996					
2131,30276					
2131,304614					
2131,304841	229370	ACK	524422929	0	
2131,308045	229370	ACK	524424389	0	
2131,378842					
2131,381539					
2131,383382					
2131,38456	229370	ACK	524427309	0	
2131,392126	229370	ACK	524428769	0	
2131,462747					
2131,465446					
2131,467318					
2131,467552	229370	ACK	524431689	0	
2131,475185	229370	ACK	524433149	0	
2131,546052					
2131,548853					
2131,550727					
2131,550954	229370	ACK	524436069	0	
2131,567266	229370	ACK	524437529	0	
2131,637324					
2131,639151					
2131,640575	229370	ACK	524440449	0	
2131,729219	229370	ACK	524440449	0	Retransmisión
2131,800678					
2131,802667					
2131,805275					
2131,807121					
2131,808303	229370	ACK	524443369	0	
2131,897366	229370	ACK	524444829	0	
2131,968995					
2131,971472					
2131,973446					
2131,973671	229370	ACK	524447749	0	
2131,983043	229370	ACK	524449209	0	
2132,055247					
2132,056462					
2132,058185					
2132,059631	229370	ACK	524452129	0	
2132,074658	229370	ACK	524453589	0	
2132,145527					
2132,148062					
2132,150069					
2132,150296	229370	ACK	524456509	0	
2132,253415	229370	ACK	524457969	0	
2132,257837	229370	ACK	524457969	0	Retransmisión
2132,329477					
2132,331956					
2132,333827					
2132,334991	229370	ACK	524460889	0	
2132,420308	229370	ACK	524462349	0	
2132,492782					
2132,494628					
2132,496046	229370	ACK	524465269	0	
2132,508791	229370	ACK	524465269	0	Retransmisión
2132,580673					
2132,582856					
2132,5847					
2132,584927	229370	ACK	524468189	0	
2132,594428	229370	ACK	524469649	0	
2132,665584					
2132,667971					
2132,669914					
2132,670138	229370	ACK	524472569	0	
2132,684125	229370	ACK	524474029	0	
2132,755426					
2132,758029					
2132,759979					
2132,760204	229370	ACK	524476949	0	

524406869	ACK	229370	1460
524408329	ACK	229370	1460
524409789	ACK	229370	1460
524411249	ACK	229370	1460
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524415629	ACK	229370	1460
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524424389	ACK	229370	1460
524425849	ACK	229370	1460
524427309	ACK	229370	1460
524428769	ACK	229370	1460
524430229	PSH, ACK	229370	1460
524431689	ACK	229370	1460
524433149	PSH, ACK	229370	1460
524434609	ACK	229370	1460
524436069	ACK	229370	1460
524437529	ACK	229370	1460
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524441909	ACK	229370	1460
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524444829	ACK	229370	1460
524446289	ACK	229370	1460
524447749	ACK	229370	1460
524449209	ACK	229370	1460
524450669	PSH, ACK	229370	1460
524452129	ACK	229370	1460
524453589	PSH, ACK	229370	1460
524455049	ACK	229370	1460
524456509	ACK	229370	1460
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524476949	ACK	229370	1460

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## Ejercicio 7

2132,770862	229370	ACK	524478409	0
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2132,845421				
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2132,84755	229370	ACK	524481329	0
2132,862309	229370	ACK	524482789	0
2132,934252				
2132,936534				
2132,938379				
2132,93976	229370	ACK	524485709	0
2132,951622	229370	ACK	524485709	0
2133,022591				
2133,025206				
2133,027065				
2133,027289	229370	ACK	524488629	0
2133,045247	229370	ACK	524490089	0
2133,11666				
2133,118982				
2133,120829				
2133,121905	229370	ACK	524493009	0
2133,137029	229370	ACK	524494469	0
2133,207579				
2133,209926				
2133,211835				
2133,212083	229370	ACK	524497389	0

404

Retransmisión

524478409	ACK	229370	1460
524479869	ACK	229370	1460
524481329	ACK	229370	1460
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524482789	ACK	229370	1460
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524491549	PSH, ACK	229370	1460
524493009	ACK	229370	1460
524494469	PSH, ACK	229370	1460
524495929	ACK	229370	1460
524497389	ACK	229370	1460
524140			

524140

532904

Retransmisión

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558908	533308	25600