		Que	stion 1				
	500 bytes	No Queue Delay			1000 byes	No Queue Delay	
	10	2.4	7.6		11	2.8	8.2
	2.8	2.4	0.4		10	2.8	7.2
	2.4	2.4	0		2.8	2.8	0
	4	2.4	1.6		3	2.8	0.2
	5.5	2.4	3.1		5.5	2.8	2.7
			Average: 2.54				Average 3.66
Question 1:	The average que	eing delay by the 10	000 byte packets are	3.66 ms			
	a reasonable est for a packet of 60	imate of transmissi	elay at around 2.4 ms on and propagation of about 2 ms, as that w ttle room for the proc	delay combined, vould account for			
Question 2					Trial 1	Trial 2	
Нор	Delay 1	Delay 2	Delay 3	IP Address	Trial 1 Avg	Trial 2 Avg	
1	2.787	2.121	2.032	192.168.8.1	2.313333333	2.526333333	
2	2.799	2.114	2.526	10.2.50.1	2.479666667	2.532333333	
3	3.197	4.038	3.789	65.203.17.249	3.674666667	4.023	
4	4.378	4.2	3.631	67.207.46.8	4.069666667	4.756333333	
5	3.974	3.855	3.065	67.207.46.6	3.631333333	4.586333333	
6	3.463	3.984	8.87	62.115.190.186	5.439	5.143	
7	18.302	17.942	17.851	62.115.140.52	18.03166667	18.40066667	
8	20.284	19.234	19.952	62.115.115.217	19.82333333	19.43266667	
9	19.918	19.918	19.021	62.115.61.151	19.619	22.45233333	
10	19.088	19.761	20.615	172.67.170.83	19.82133333	19.60166667	
Trial 2							
Нор	Delay 1	Delay 2	Delay 3	IP Address	Average		
1	3.289	2.304	1.986	192.168.8.1	2.526333333		
2	2.224	3.191	2.182	10.2.50.1	2.532333333		
3	3.444	4.666	3.959	65.203.17.249	4.023		

4	7.784	3.352	3.133	67.207.46.8	4.756333333		
5	3.67	3.167	6.922	67.207.46.6	4.586333333		
6	3.782	7.696	3.951	62.115.190.186	5.143		
7	18.931	18.388	17.883	62.115.140.52	18.40066667		
8	19.27	20.922	18.106	62.115.115.217	19.43266667		
9	21.096	24.114	22.147	62.115.61.151	22.45233333		
10	19.743	19.598	19.464	172.67.170.83	19.60166667		
Question 3b	this would likely I	be due to higher tra	the source and a give affic on the network (on as interference from	queuing delay). It o	could also)	
Question 3a	Delay	Min Delay (ms)	Queing Delay (ms)	Avg Queuing Del	ay (ms)		
netmeter.eu	147.02	146.59	0.43	5.63			
77.78.109.83	153.847		7.26				
	153.329	Avg Delay (ms)	6.74				
11 & Trial 2 (ms) 2	- Tr						
		IP Address					
	151.359		4.77				
	147.591		1.00				

147.193	0.61	
151.941	5.35	
146.6	0.01	
151.309	4.72	
147.145	0.56	
150.776	4.19	
150.252	3.67	
147.217	0.63	
153.384	6.80	
146.807	0.22	
146.971	0.38	
150.598	4.01	
146.865	0.28	
150.549	3.96	
150.599	4.01	
146.989	0.40	
146.851	0.26	
147.034	0.45	
146.909	0.32	
153.563	6.98	
153.532	6.95	
150.631	4.04	
150.36	3.77	
146.825	0.24	
151.655	5.07	
237.539	90.95	
199.025	52.44	
231.944	85.36	
153.228	6.64	
153.311	6.72	
153.276	6.69	

147.011	0.42	
153.636	7.05	
154.282	7.70	
153.462	6.88	
153.432	6.85	
151.916	5.33	
147.751	1.16	
154.463	7.88	
159.111	12.52	
147.099	0.51	
152.765	6.18	
154.166	7.58	
155.596	9.01	
153.432	6.85	
153.168	6.58	
152.823	6.24	
154.252	7.67	
146.777	0.19	
153.46	6.87	
146.824	0.24	
153.429	6.84	
153.333	6.75	
151.061	4.47	
146.986	0.40	
153.202	6.62	
153.418	6.83	
146.985	0.40	
153.427	6.84	
153.478	6.89	
149.937	3.35	
153.453	6.87	

151.449	4.86	
153.35	6.76	
154.054	7.47	
150.408	3.82	
147.186	0.60	
153.349	6.76	
147.532	0.95	
146.957	0.37	
146.976	0.39	
153.94	7.35	
153.16	6.57	
153.563	6.98	
151.688	5.10	
150.53	3.94	
153.236	6.65	
153.101	6.51	
146.963	0.38	
153.184	6.60	
153.627	7.04	
153.377	6.79	
153.441	6.85	
153.383	6.80	
149.006	2.42	
147.53	0.94	
148.549	1.96	
151.023	4.44	
150.801	4.21	
146.603	0.02	
150.959	4.37	
152.989	6.40	
153.296	6.71	

153.261	6.67	
146.896	0.31	
153.457	6.87	
153.409	6.82	
154.065	7.48	
153.292	6.71	
148.156	1.57	
153.183	6.60	
153.813	7.23	
146.806	0.22	
155.595	9.01	
151.368	4.78	
151.2	4.61	
146.748	0.16	
153.311	6.72	
146.785	0.20	
151.733	5.15	
154.583	8.00	
153.278	6.69	
153.438	6.85	
153.323	6.74	
153.553	6.97	
153.187	6.60	
153.709	7.12	
153.346	6.76	
153.516	6.93	
153.449	6.86	
153.468	6.88	
153.377	6.79	
146.92	0.33	
148.409	1.82	

153.242	6.66	
153.306	6.72	
146.952	0.37	
153.235	6.65	
153.357	6.77	
153.488	6.90	
153.372	6.79	
153.357	6.77	
153.305	6.72	
153.345	6.76	
146.813	0.23	
154.129	7.54	
153.482	6.90	
146.986	0.40	
153.55	6.96	
153.403	6.82	
153.324	6.74	
147.011	0.42	
147.905	1.32	
153.321	6.73	
146.828	0.24	
153.659	7.07	
147.782	1.20	
152.837	6.25	
153.792	7.21	
153.483	6.90	
153.405	6.82	
153.361	6.77	
152.937	6.35	
154.309	7.72	
154.337	7.75	

153.384	6.80	
153.393	6.81	
153.39	6.80	
153.316	6.73	
153.387	6.80	
148.018	1.43	
149.989	3.40	
146.99	0.40	
153.333	6.75	
153.521	6.93	
153.046	6.46	
147.055	0.47	
153.385	6.80	
153.265	6.68	
153.492	6.91	
147.099	0.51	
153.729	7.14	
153.468	6.88	
153.381	6.79	
153.699	7.11	
153.577	6.99	
154.738	8.15	
153.474	6.89	
153.245	6.66	
154.059	7.47	
146.954	0.37	
153.416	6.83	
146.92	0.33	
153.861	7.27	
154.075	7.49	
150.654	4.07	

146.829	0.24	
158.266	11.68	
153.419	6.83	
153.904	7.32	
146.984	0.40	
153.521	6.93	
147.611	1.02	
150.586	4.00	
150.728	4.14	
147.376	0.79	
151.72	5.13	
151.303	4.72	
149.94	3.35	
147.025	0.44	
146.985	0.40	
147.393	0.81	
153.51	6.92	
153.52	6.93	
153.436	6.85	
154.002	7.42	
154.327	7.74	
146.98	0.39	
147.08	0.49	
153.575	6.99	
146.776	0.19	
153.315	6.73	
150.503	3.92	
150.241	3.65	
147.486	0.90	
150.997	4.41	
147.295	0.71	

153.407	6.82	
153.415	6.83	
153.499	6.91	
146.925	0.34	
150.595	4.01	
150.829	4.24	
152.393	5.81	
150.84	4.25	
150.786	4.20	
146.82	0.23	
152.81	6.22	
151.672	5.09	
150.523	3.94	
146.929	0.34	
153.53	6.94	
153.459	6.87	
152.99	6.40	
153.306	6.72	
153.472	6.89	
147.792	1.21	
153.454	6.87	
153.475	6.89	
154.607	8.02	
150.308	3.72	
153.642	7.06	
153.487	6.90	
153.303	6.72	
153.342	6.76	
153.317	6.73	
153.318	6.73	
149.816	3.23	

150.62	4.03	
150.522	3.94	
146.725	0.14	
151.133	4.55	
149.241	2.65	
151.798	5.21	
151.963	5.38	
146.882	0.30	
151.01	4.42	
221.201	74.61	
146.756	0.17	
150.705	4.12	
147.15	0.56	
150.664	4.08	
153.32	6.73	
150.743	4.16	
146.904	0.32	
150.686	4.10	
151.313	4.73	
151.224	4.64	
151.368	4.78	
153.576	6.99	
150.507	3.92	
147.005	0.42	
151.672	5.09	
151.156	4.57	
153.308	6.72	
153.49	6.90	
150.214	3.63	
150.519	3.93	
150.666	4.08	

147.004	0.42	
148.457	1.87	
153.327	6.74	
153.47	6.88	
153.416	6.83	
153.418	6.83	
151.954	5.37	
153.461	6.87	
153.432	6.85	
154.251	7.66	
153.404	6.82	
153.466	6.88	
154.089	7.50	
153.781	7.19	
152.818	6.23	
146.946	0.36	
153.489	6.90	
154.448	7.86	
146.945	0.36	
153.21	6.62	
148.405	1.82	
153.462	6.88	
153.905	7.32	
153.328	6.74	
153.244	6.66	