Question 6:

New York

Step	Time	Time	Time	Host name	IP address
1	2	1	2	72-9-99-137-cust-gw.reverse.ezzi.net	72.9.99.137
2	2	5	7	ads-psc-cr01.ezzi.net	96.45.77.1
3	4	5	3	ads-psc-ir01-v261.ezzi.net	72.9.111.109
4	2	2	6	ads-psc-ir02-vl32-te2-2.ezzi.net	72.9.111.186
5	3	8	5		38.32.124.49
6	4	6	2	te0-3-1-12.rcr51.ewr06.atlas.cogentco.com	154.24.13.241
7	4	8	5	be3791.rcr21.ewr02.atlas.cogentco.com	154.24.61.177
8	4	9	5	be2236.ccr41.jfk02.atlas.cogentco.com	154.54.45.5
9	10	5	3	be3495.ccr31.jfk10.atlas.cogentco.com	66.28.4.182
10	4	9	5	ae-13.r01.nycmny17.us.bb.gin.ntt.net	129.250.8.145
11	13	6	3	ae-13.r20.nwrknj03.us.bb.gin.ntt.net	129.250.4.40
12	-	-	-		
13	74	61	62	ae-0.r23.sttlwa01.us.bb.gin.ntt.net	129.250.6.30
14	169	170	170	ae-16.r24.osakjp02.jp.bb.gin.ntt.net	129.250.3.61
15	171	172	172	ae-0.r25.osakjp02.jp.bb.gin.ntt.net	129.250.2.151
16	254	232	230	ae-0.r20.sngpsi07.sg.bb.gin.ntt.net	129.250.2.66
17	235	235	235	ae-1.r00.sngpsi07.sg.bb.gin.ntt.net	129.250.3.82
18	236	235	235	ae-0.a01.sngpsi07.sg.bb.gin.ntt.net	129.250.2.122
19	229	228	228		116.51.31.34
20	229	229	230	103-6-148-14.myrepublic.com.sg	103.6.148.14
21	2994	230	229	103-6-148-38.myrepublic.com.sg	103.6.148.38
22	232	230	231	87-128-140-158.myrepublic.com.sg	158.140.128.87
23	-	-	-		
24	1091	2902	337	87-128-140-158.myrepublic.com.sg	158.140.128.87
25	-	-	-		

Amsterdam

Step	Time	Time	Time	Host name	IP address
1	<1	<1	<1	gateway.as64425.com	5.182.210.1
2	1	1	14		185.173.233.9
3	2	1	1		81.20.67.49
4	1	1	1	ae-18.r25.amstnl02.nl.bb.gin.ntt.net	129.250.2.108
5	92	97	93	ae-5.r23.asbnva02.us.bb.gin.ntt.net	129.250.6.162
6	147	147	147	ae-10.r22.snjsca04.us.bb.gin.ntt.net	129.250.6.237
7	244	244	244	ae-17.r24.osakjp02.jp.bb.gin.ntt.net	129.250.2.119
8	244	244	244	ae-0.r25.osakjp02.jp.bb.gin.ntt.net	129.250.2.151
9	240	240	242	ae-0.r20.sngpsi07.sg.bb.gin.ntt.net	129.250.2.66
10	240	240	240	ae-1.r00.sngpsi07.sg.bb.gin.ntt.net	129.250.3.82
11	240	249	241	ae-1.a00.sngpsi03.sg.bb.gin.ntt.net	129.250.7.75
12	235	235	235		116.51.31.46
13	-	-	-		
14	236	237	236	87-128-140-158.myrepublic.com.sg	158.140.128.87
15	-	-	-		
16	2516	3000	752	87-128-140-158.myrepublic.com.sg	158.140.128.87
17	-	-	-		
18	2516	3000	752	87-128-140-158.myrepublic.com.sg	158.140.128.87
19	-	-	-		
20	-	-	-		
21	-	-	-		
22	-	-	-		
23	-	-	-		
24	-	-	-		
25	-	-	-		

Tokyo

Step	Time	Time	Time	Host name	IP address
1	1	<1	<1	hosted-by.i3d.net	31.204.145.130
2	66	66	66	132132.tyo.equinix.com	203.190.230.179
3	67	67	67	103-6-148-22.myrepublic.com.sg	103.6.148.22
4	67	67	67	103-6-148-38.myrepublic.com.sg	103.6.148.38
5	68	68	68	87-128-140-158.myrepublic.com.sg	158.140.128.87
6	-	-	-		
7	-	-	-		
8	-	-	-		
9	2920	3000	218	87-128-140-158.myrepublic.com.sg	158.140.128.87
10	-	-	-		
11	-	-	-		
12	2920	3000	218	87-128-140-158.myrepublic.com.sg	158.140.128.87
13	-	-	-		
14	-	-	-		
15	-	-	-		
16	-	-	-		
17	-	-	-		
18	2920	3000	218	87-128-140-158.myrepublic.com.sg	158.140.128.87
19	-	-	-		
20	-	-	-		
21	-	-	-		
22	-	-	-		
23	-	-	-		
24	-	-	-		
25	-	-	-		

Question 7:

No, because packets can go to and come back via different routes.