

# TUGAS JARINGAN KOMPUTER



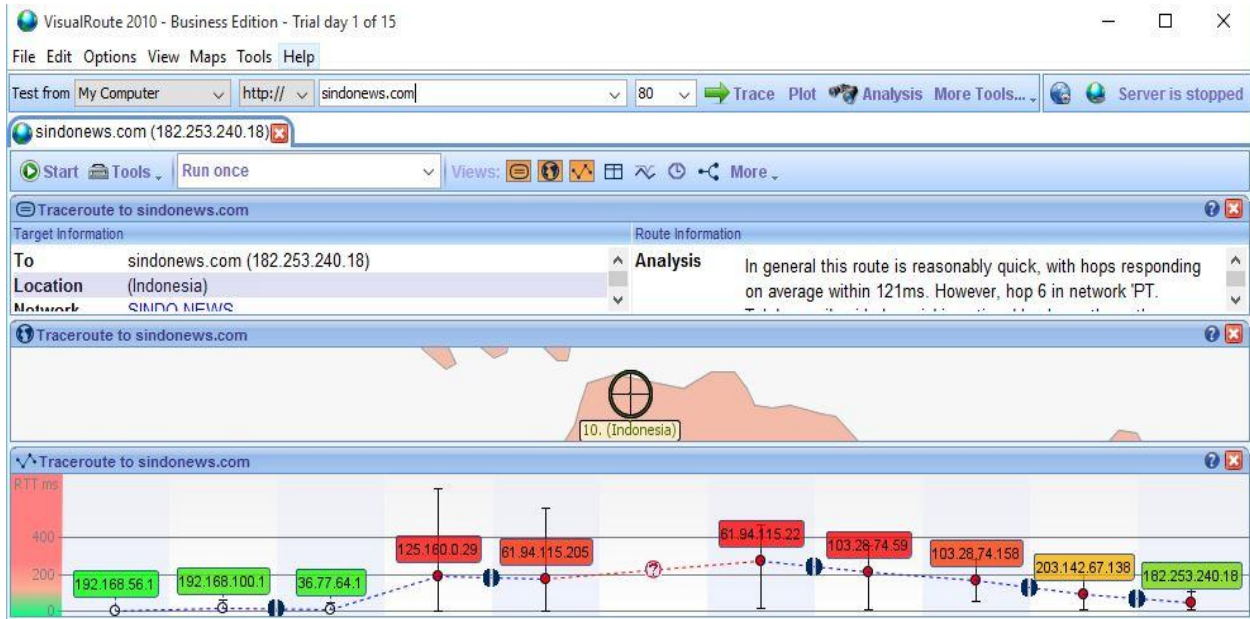
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JURUSAN SISTEM KOMPUTER  
FAKULTAS ILMU KOMPUTER  
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# 1. WEBSITE IIX

([www.sindonews.com](http://www.sindonews.com))



Gambar tersebut menunjukan IP yang ada pada website sindonews.com menggunakan VisualRoute 2010 dan terdapat 10 IP

## 1. 192.168.56.1

### TraceRoute from Network-Tools.com to 192.168.56.1

Hop	(ms)	(ms)	(ms)	IP Address	Host name
1	Timed out	Timed out	Timed out	-	-
2	Timed out	Timed out	Timed out	-	-
3	Timed out	Timed out	Timed out	-	-
4	Timed out	Timed out	Timed out	-	-
5	Timed out	Timed out	Timed out	-	-
6	Timed out	Timed out	Timed out	-	-
7	Timed	Timed	Timed	-	-

	out	out	out	
8	Timed out	Timed out	Timed out	-
9	Timed out	Timed out	Timed out	-
10	Timed out	Timed out	Timed out	-
11	Timed out	Timed out	Timed out	-
12	Timed out	Timed out	Timed out	-
13	Timed out	Timed out	Timed out	-
14	Timed out	Timed out	Timed out	-

Trace aborted.

IP pertama ini milik local server laptop pribadi saya disini saya menggunakan jaringan hotspot fasikom unsri indralaya

## 2. 192.168.100.1

### TraceRoute from Network-Tools.com to 192.168.100.1

Hop	(ms)	(ms)	(ms)	IP Address	Host name
1	Timed out	Timed out	Timed out		-
2	Timed out	Timed out	Timed out		-
3	Timed out	Timed out	Timed out		-
4	Timed out	Timed out	Timed out		-
5	Timed out	Timed out	Timed out		-
6	Timed out	Timed out	Timed out		-
7	Timed	Timed	Timed		-

	out	out	out	
8	Timed out	Timed out	Timed out	-
9	Timed out	Timed out	Timed out	-
10	Timed out	Timed out	Timed out	-
11	Timed out	Timed out	Timed out	-
12	Timed out	Timed out	Timed out	-
13	Timed out	Timed out	Timed out	-
14	Timed out	Timed out	Timed out	-

Trace aborted.

IP kedua juga sama seperti IP pertama masih milik local server laptop pribadi saya disini saya menggunakan jaringan hotspot fasilkom unsri indralaya

### 3. 36.77.64.1

#### TraceRoute from Network-Tools.com to 36.77.64.1

Hop	(ms)	(ms)	(ms)	IP Address	Host name
1	7	0	0	206.123.64.233	-
2	1	1	1	129.250.202.253	xe-0-4-0-12.r01.dllstx04.us.bb.gin.ntt.net
3	1	1	2	129.250.6.128	ae-2.r23.dllstx09.us.bb.gin.ntt.net
4	39	38	39	129.250.4.154	ae-8.r23.snjsca04.us.bb.gin.ntt.net
5	37	37	37	129.250.2.182	ae-0.r22.snjsca04.us.bb.gin.ntt.net
6	213	213	226	129.250.3.49	ae-2.r20.sngpsi05.sg.bb.gin.ntt.net
7	221	220	220	129.250.3.147	ae-2.r00.sngpsi02.sg.bb.gin.ntt.net
8	208	242	208	116.51.27.178	-
9	211	211	214	180.240.204.5	-
10	213	213	213	180.240.204.58	-
11	220	219	219	61.94.117.129	-

12	238	237	238	61.94.115.205	-
13	225	225	225	61.94.115.206	-
14	227	227	228	36.77.64.1	-

Trace complete

IP ketiga ini milik PT.TELKOM INDONESIA disini saya menggunakan jaringan hotspot pribadi indohome

#### 4. 125.160.0.29

##### TraceRoute from Network-Tools.com to 125.160.0.29

Hop	(ms)	(ms)	(ms)	IP Address	Host name
1	0	0	0	206.123.64.221	-
2	1	1	1	129.250.202.253	xe-0-4-0-12.r01.dllstx04.us.bb.gin.ntt.net
3	1	1	1	129.250.6.128	ae-2.r23.dllstx09.us.bb.gin.ntt.net
4	41	40	39	129.250.4.154	ae-8.r23.snjsca04.us.bb.gin.ntt.net
5	37	37	37	129.250.2.182	ae-0.r22.snjsca04.us.bb.gin.ntt.net
6	224	224	224	129.250.3.49	ae-2.r20.sngpsi05.sg.bb.gin.ntt.net
7	231	231	231	129.250.3.147	ae-2.r00.sngpsi02.sg.bb.gin.ntt.net
8	235	240	236	116.51.26.34	-
9	225	225	224	180.240.190.190	-
10	225	225	225	180.240.190.190	-
11	221	223	223	180.240.193.126	-
12	249	249	251	61.94.115.205	-
13	233	234	234	125.160.0.29	-

Trace complete

IP keempat ini milik PT.TELKOM INDONESIA disini saya menggunakan jaringan hotspot pribadi indohome

## 5. 61.94.115.205

### TraceRoute from Network-Tools.com to 61.94.115.205

Hop	(ms)	(ms)	(ms)	IP Address	Host name
1	0	0	0	206.123.64.233	-
2	1	1	1	129.250.202.253	xe-0-4-0-12.r01.dllstx04.us.bb.gin.ntt.net
3	1	1	1	129.250.6.128	ae-2.r23.dllstx09.us.bb.gin.ntt.net
4	40	40	40	129.250.4.154	ae-8.r23.snjsca04.us.bb.gin.ntt.net
5	54	41	39	129.250.2.182	ae-0.r22.snjsca04.us.bb.gin.ntt.net
6	218	223	219	129.250.3.49	ae-2.r20.sngpsi05.sg.bb.gin.ntt.net
7	225	225	226	129.250.3.147	ae-2.r00.sngpsi02.sg.bb.gin.ntt.net
8	213	362	213	116.51.27.174	-
9	216	216	216	180.240.204.21	-
10	219	219	219	180.240.204.17	-
11	221	232	220	180.240.128.226	226.128-240-180.static.telin.sg
12	240	243	240	61.94.115.205	-

Trace complete

IP kelima ini milik PT. Telekomunikasi Indonesia disini saya menggunakan jaringan hotspot pribadi indohome

## 6. 61.94.115.22

### TraceRoute from Network-Tools.com to 61.94.115.22

Hop	(ms)	(ms)	(ms)	IP Address	Host name
1	0	0	0	206.123.64.233	-
2	1	1	1	129.250.202.253	xe-0-4-0-12.r01.dllstx04.us.bb.gin.ntt.net
3	1	1	1	129.250.6.128	ae-2.r23.dllstx09.us.bb.gin.ntt.net
4	39	39	39	129.250.4.154	ae-8.r23.snjsca04.us.bb.gin.ntt.net
5	37	37	37	129.250.2.182	ae-0.r22.snjsca04.us.bb.gin.ntt.net

6	216	216	256	129.250.3.49	ae-2.r20.sngpsi05.sg.bb.gin.ntt.net
7	224	223	223	129.250.3.147	ae-2.r00.sngpsi02.sg.bb.gin.ntt.net
8	212	212	212	116.51.27.178	-
9	218	253	214	180.240.204.21	-
10	220	220	220	180.240.204.61	-
11	233	221	230	118.98.61.61	61.subnet118-98-61.astinet.telkom.net.id
12	Timed out	Timed out	Timed out		-
13	Timed out	Timed out	Timed out		-
14	Timed out	Timed out	Timed out		-
15	Timed out	Timed out	Timed out		-
16	Timed out	Timed out	Timed out		-
17	Timed out	Timed out	Timed out		-
18	Timed out	Timed out	Timed out		-
19	Timed out	Timed out	Timed out		-
20	Timed out	Timed out	Timed out		-
21	Timed out	Timed out	Timed out		-
22	Timed out	Timed out	Timed out		-
23	Timed out	Timed out	Timed out		-
24	Timed out	Timed out	Timed out		-
25	Timed out	Timed out	Timed out		-

Trace aborted.

IP keenam ini milik PT.Telekomunikasi Indonesia disini saya menggunakan jaringan hotspot pribadi indohome

## 7. 103.28.74.59

TraceRoute from Network-Tools.com to 103.28.74.59 [telkomnet-as17974.iix.net.id]

Hop	(ms)	(ms)	(ms)	IP Address	Host name
1	Destination network unreachable	Destination network unreachable	Destination network unreachable		-
2	Destination network unreachable	Destination network unreachable	Destination network unreachable		-
3	Destination network unreachable	Timed out	Timed out		-
4	Timed out	Destination network unreachable	Destination network unreachable		-
5	Destination network unreachable	Destination network unreachable	Destination network unreachable		-
6	Destination network unreachable	Destination network unreachable	Destination network unreachable		-
7	Destination network unreachable	Destination network unreachable	Destination network unreachable		-
8	Destination network unreachable	Timed out	Timed out		-
9	Timed out	Timed out	Timed out		-
10	Timed out	Timed out	Destination network unreachable		-
11	Destination network	Destination network	Destination network		-



	unreachable	unreachable	unreachable	
12	Destination network unreachable	Destination network unreachable	Destination network unreachable	-
13	Destination network unreachable	Destination network unreachable	Destination network unreachable	-
14	Destination network unreachable	Timed out	Timed out	-

Trace aborted.

IP ketujuh ini milik Telkomnet – as Indonesia disini saya menggunakan jaringan hotspot pribadi indohome

### 8. 103.28.74.158

**TraceRoute from Network-Tools.com to 103.28.74.158 [biznet-as17451.iix.net.id]**

Hop	(ms)	(ms)	(ms)	IP Address	Host name
1	Timed out	Timed out	Timed out		-
2	Timed out	Timed out	Destination network unreachable		-
3	Destination network unreachable	Destination network unreachable	Destination network unreachable		-
4	Destination network unreachable	Destination network unreachable	Destination network unreachable		-
5	Destination network unreachable	Destination network unreachable	Destination network unreachable		-
6	Destination network unreachable	Timed out	Timed out		-
7	Timed out	Timed out	Timed out		-
8	Timed out	Timed out	Destination network unreachable		-

	out	out	network unreachable	
9	Destination network unreachable	Destination network unreachable	Destination network unreachable	-
10	Destination network unreachable	Destination network unreachable	Destination network unreachable	-
11	Destination network unreachable	Destination network unreachable	Destination network unreachable	-
12	Destination network unreachable	Destination network unreachable	Timed out	-
13	Timed out	Timed out	Timed out	-
14	Timed out	Timed out	Timed out	-

Trace aborted.

IP kedepan ini milik Biznet Equinex disini saya menggunakan jaringan hotspot pribadi indohome

9. 203.142.67.138

#### TraceRoute from Network-Tools.com to 203.142.67.138

Hop	(ms)	(ms)	(ms)	IP Address	Host name
1	0	0	0	206.123.64.233	-
2	1	1	1	129.250.202.253	xe-0-4-0-12.r01.dllstx04.us.bb.gin.ntt.net
3	1	1	1	129.250.2.208	ae-9.r07.dllstx09.us.bb.gin.ntt.net
4	21	22	22	213.248.81.249	dls-bb1-link.telia.net
5	54	54	53	62.115.122.27	las-b21-link.telia.net.122.115.62.in-addr.arpa
6	215	215	215	62.115.134.42	snge-b1-link.telia.net
7	203	203	203	62.115.147.195	supra-ic-317658-snge-b1.c.telia.net
8	219	219	219	182.253.187.5	-

9	202	202	202	112.78.171.13	-
10	202	Timed out	202	112.78.190.41	-
11	212	212	213	203.142.67.50	-
12	214	215	215	203.142.67.138	-

Trace complete

IP kesembilan ini sama seperti IP kedelean milik Biznet Equinex disini saya menggunakan jaringan hotspot pribadi indohome

### 10. 182.253.240.18

#### TraceRoute from Network-Tools.com to 182.253.240.18

Hop	(ms)	(ms)	(ms)	IP Address	Host name
1	0	0	0	206.123.64.221	-
2	1	1	2	129.250.202.253	xe-0-4-0-12.r01.dllstx04.us.bb.gin.ntt.net
3	1	1	1	129.250.6.128	ae-2.r23.dllstx09.us.bb.gin.ntt.net
4	40	40	40	129.250.4.154	ae-8.r23.snjsca04.us.bb.gin.ntt.net
5	38	39	39	129.250.2.182	ae-0.r22.snjsca04.us.bb.gin.ntt.net
6	216	216	217	129.250.3.49	ae-2.r20.sngpsi05.sg.bb.gin.ntt.net
7	225	225	224	129.250.7.19	ae-1.r00.sngpsi05.sg.bb.gin.ntt.net
8	219	218	219	116.51.31.90	-
9	219	219	219	112.78.190.142	sq-equ-5.biznetnetworks.com
10	227	231	231	182.253.187.17	-
11	214	215	215	112.78.171.13	-
12	214	214	215	112.78.190.41	-
13	217	217	217	203.142.67.134	-
14	227	228	228	182.253.240.18	-

Trace complete

IP kesepuluh atau terakhir ini milik sindonews.com disini saya menggunakan jaringan hotspot pribadi indohome

```
Command Prompt
Microsoft Windows [Version 10.0.10240]
(c) 2015 Microsoft Corporation. All rights reserved.

C:\Users\M. Nizal>tracert www.sindonews.com

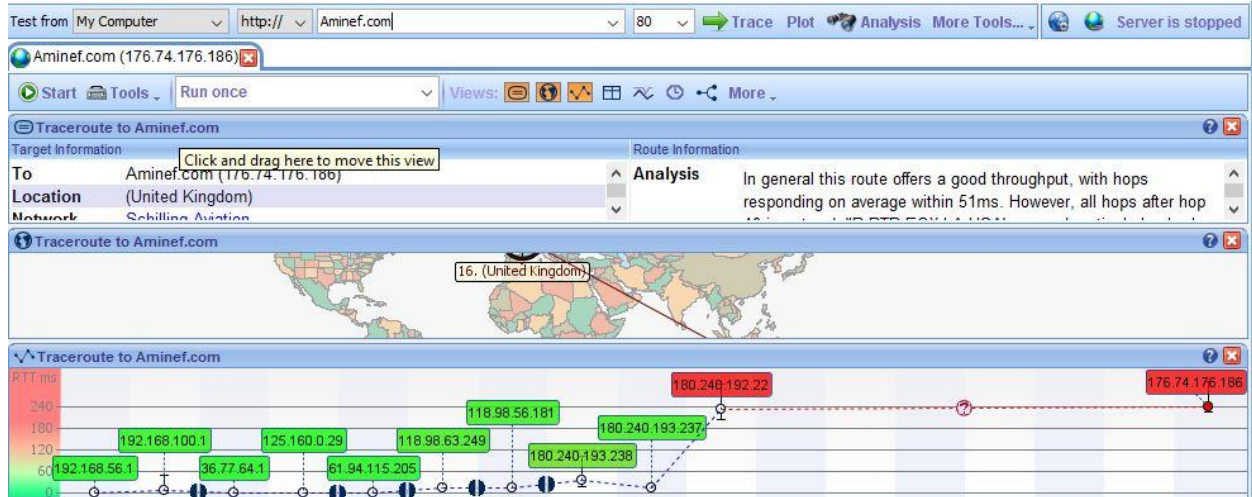
Tracing route to www.sindonews.com [182.253.240.18]
over a maximum of 30 hops:

  0  2 ms    1 ms    1 ms  1.100.168.192.in-addr.arpa [192.168.100.1]
  1  1 ms    <1 ms  1 ms  36.77.64.1
  2  3 ms    1 ms    1 ms  29.0.160.125.in-addr.arpa [125.160.0.29]
  3  2 ms    1 ms    1 ms  61.94.115.205
  4  15 ms   14 ms   15 ms  249.63.98.118.in-addr.arpa [118.98.63.249]
  5  17 ms   15 ms   14 ms  61.94.115.22
  6  12 ms   12 ms   11 ms  telkomnet-as17974.iix.net.id [103.28.74.59]
  7  15 ms  233 ms   15 ms  biznet-as17451.iix.net.id [103.28.74.158]
  8  13 ms   12 ms   13 ms  138.67.142.203.in-addr.arpa [203.142.67.138]
  9  14 ms   16 ms   14 ms  182.253.240.18

Trace complete.
```

Ini merupakan Perbandingan dengan menggunakan tracert pada cmd dengan situs [www.sindonews.com](http://www.sindonews.com) berdasarkan analisa saya lebih detail melihat IP melalui CMD karena menggunakan network-tools.com harus memiliki jaringan yang kencang.

2. WEBSITE US  
(www.Aminef.com)



1. 192.168.56.1

**TraceRoute from Network-Tools.com to 192.168.56.1**

Hop	(ms)	(ms)	(ms)	IP Address	Host name
1	Timed out	Timed out	Timed out	-	-
2	Timed out	Timed out	Timed out	-	-
3	Timed out	Timed out	Timed out	-	-
4	Timed out	Timed out	Timed out	-	-
5	Timed out	Timed out	Timed out	-	-
6	Timed out	Timed out	Timed out	-	-
7	Timed out	Timed out	Timed out	-	-
8	Timed out	Timed out	Timed out	-	-
9	Timed out	Timed out	Timed out	-	-

10	Timed out	Timed out	Timed out	-
11	Timed out	Timed out	Timed out	-
12	Timed out	Timed out	Timed out	-
13	Timed out	Timed out	Timed out	-
14	Timed out	Timed out	Timed out	-

Trace aborted

IP pertama ini milik local server laptop pribadi saya disini saya menggunakan jaringan hotspot pribadi indohome

## 2. 192.168.100.1

### TraceRoute from Network-Tools.com to 192.168.100.1

Hop	(ms)	(ms)	(ms)	IP Address	Host name
1	Timed out	Timed out	Timed out	-	-
2	Timed out	Timed out	Timed out	-	-
3	Timed out	Timed out	Timed out	-	-
4	Timed out	Timed out	Timed out	-	-
5	Timed out	Timed out	Timed out	-	-
6	Timed out	Timed out	Timed out	-	-
7	Timed out	Timed out	Timed out	-	-
8	Timed out	Timed out	Timed out	-	-
9	Timed out	Timed out	Timed out	-	-

10	Timed out	Timed out	Timed out	-
11	Timed out	Timed out	Timed out	-
12	Timed out	Timed out	Timed out	-
13	Timed out	Timed out	Timed out	-
14	Timed out	Timed out	Timed out	-

Trace aborted.

IP kedua ini sama seperti IP pertama milik server laptop pribadi saya disini saya menggunakan jaringan hotspot pribadi indohome

### 3. 36.77.64.1

#### TraceRoute from Network-Tools.com to 36.77.64.1

Hop	(ms)	(ms)	(ms)	IP Address	Host name
1	0	0	0	206.123.64.233	-
2	1	1	1	129.250.202.253	xe-0-4-0-12.r01.dllstx04.us.bb.gin.ntt.net
3	1	1	1	129.250.6.128	ae-2.r23.dllstx09.us.bb.gin.ntt.net
4	39	39	39	129.250.4.154	ae-8.r23.snjsca04.us.bb.gin.ntt.net
5	37	37	38	129.250.2.182	ae-0.r22.snjsca04.us.bb.gin.ntt.net
6	213	214	213	129.250.3.49	ae-2.r20.sngpsi05.sg.bb.gin.ntt.net
7	220	221	221	129.250.3.147	ae-2.r00.sngpsi02.sg.bb.gin.ntt.net
8	208	208	208	116.51.27.178	-
9	211	214	214	180.240.204.5	-
10	213	213	213	180.240.204.58	-
11	219	219	219	61.94.117.129	-
12	237	237	237	61.94.115.205	-
13	225	225	225	61.94.115.206	-
14	227	227	227	36.77.64.1	-

Trace complete

IP ketiga ini milik PT.TELKOM INDONESIA disini saya menggunakan jaringan hotspot pribadi indohome.

#### 4. 125.160.0.29

##### TraceRoute from Network-Tools.com to 125.160.0.29

Hop	(ms)	(ms)	(ms)	IP Address	Host name
1	0	0	0	206.123.64.221	-
2	1	1	1	129.250.202.253	xe-0-4-0-12.r01.dllstx04.us.bb.gin.ntt.net
3	1	1	1	129.250.6.128	ae-2.r23.dllstx09.us.bb.gin.ntt.net
4	39	39	39	129.250.4.154	ae-8.r23.snjsca04.us.bb.gin.ntt.net
5	40	38	39	129.250.2.182	ae-0.r22.snjsca04.us.bb.gin.ntt.net
6	223	226	240	129.250.3.49	ae-2.r20.sngpsi05.sg.bb.gin.ntt.net
7	231	231	231	129.250.3.147	ae-2.r00.sngpsi02.sg.bb.gin.ntt.net
8	235	236	235	116.51.26.34	-
9	225	228	225	180.240.190.190	-
10	225	228	225	180.240.190.190	-
11	225	223	223	180.240.193.126	-
12	278	249	249	61.94.115.205	-
13	234	233	240	125.160.0.29	-

Trace complete

IP keempat ini milik PT.TELKOM INDONESIA disini saya menggunakan jaringan hotspot pribadi indohome

#### 5. 61.94.115.205

##### TraceRoute from Network-Tools.com to 61.94.115.205

Hop	(ms)	(ms)	(ms)	IP Address	Host name
1	0	0	0	206.123.64.233	-



2	1	1	1	129.250.202.253	xe-0-4-0-12.r01.dllstx04.us.bb.gin.ntt.net
3	1	1	1	129.250.6.128	ae-2.r23.dllstx09.us.bb.gin.ntt.net
4	40	40	40	129.250.4.154	ae-8.r23.snjsca04.us.bb.gin.ntt.net
5	39	39	39	129.250.2.182	ae-0.r22.snjsca04.us.bb.gin.ntt.net
6	218	226	218	129.250.3.49	ae-2.r20.sngpsi05.sg.bb.gin.ntt.net
7	226	225	225	129.250.3.147	ae-2.r00.sngpsi02.sg.bb.gin.ntt.net
8	224	213	213	116.51.27.174	-
9	215	219	219	180.240.204.5	-
10	219	219	219	180.240.204.17	-
11	220	233	221	180.240.128.226	226.128-240-180.static.telin.sg
12	240	241	240	61.94.115.205	-

Trace complete

IP kelima ini milik PT.Telekomunikasi Indonesia disini saya menggunakan jaringan hotspot pribadi indohome

## 6. 118.98.63.249

### TraceRoute from Network-Tools.com to 118.98.63.249

Hop	(ms)	(ms)	(ms)	IP Address	Host name
1	0	0	0	206.123.64.233	-
2	Timed out	Timed out	Timed out		-
3	32	32	32	4.69.144.10	ae-1-60.edge1.losangeles9.level3.net
4	32	32	32	4.69.144.10	ae-1-60.edge1.losangeles9.level3.net
5	32	32	32	4.53.228.154	pt.telekomu.edge1.losangeles9.level3.net
6	218	210	210	180.240.192.37	-
7	219	219	219	61.94.117.125	-
8	Timed out	Timed out	Timed out		-
9	Timed out	Timed out	Timed out		-
10	Timed out	Timed out	Timed out		-

11	Timed out	Timed out	Timed out	-
12	Timed out	Timed out	Timed out	-
13	Timed out	Timed out	Timed out	-
14	Timed out	Timed out	Timed out	-
15	Timed out	Timed out	Timed out	-
16	Timed out	Timed out	Timed out	-
17	Timed out	Timed out	Timed out	-
18	Timed out	Timed out	Timed out	-
19	Timed out	Timed out	Timed out	-
20	Timed out	Timed out	Timed out	-
21	Timed out	Timed out	Timed out	-

Trace aborted

IP keenam ini milik subnet 118-98-56.astinet.telkom.net.id disini saya menggunakan provider hotspot pribadi indohome

## 7. 118.98.56.181

**TraceRoute from Network-Tools.com to 118.98.56.181 [181.subnet118-98-56.astinet.telkom.net.id]**

Hop	(ms)	(ms)	(ms)	IP Address	Host name
1	0	0	0	206.123.64.233	-
2	Timed out	Timed out	Timed out		-
3	32	32	32	4.69.144.202	ae-4-90.edge1.losangeles9.level3.net
4	32	32	32	4.69.144.202	ae-4-90.edge1.losangeles9.level3.net

5	32	32	32	4.53.228.154	pt.telekomu.edge1.losangeles9.level3.net
6	210	210	210	180.240.192.37	-
7	218	219	219	61.94.117.129	-
8	Timed out	Timed out	Timed out		-
9	Timed out	Timed out	Timed out		-
10	Timed out	Timed out	Timed out		-
11	Timed out	Timed out	Timed out		-
12	Timed out	Timed out	Timed out		-
13	Timed out	Timed out	Timed out		-
14	Timed out	Timed out	Timed out		-
15	Timed out	Timed out	Timed out		-
16	Timed out	Timed out	Timed out		-
17	Timed out	Timed out	Timed out		-
18	Timed out	Timed out	Timed out		-
19	Timed out	Timed out	Timed out		-
20	Timed out	Timed out	Timed out		-
21	Timed out	Timed out	Timed out		-

Trace aborted

IP ketujuh ini milik subnet118-98-56.astinet.telkom.net.id disini saya menggunakan provider hotspot pribadi indohome

## 8. 180.240.193.238

### TraceRoute from Network-Tools.com to 180.240.193.238

Hop	(ms)	(ms)	(ms)	IP Address	Host name
1	0	0	0	206.123.64.233	-
2	1	1	1	129.250.202.253	xe-0-4-0-12.r01.dllstx04.us.bb.gin.ntt.net
3	1	1	1	129.250.6.128	ae-2.r23.dllstx09.us.bb.gin.ntt.net
4	40	40	40	129.250.4.154	ae-8.r23.snjsca04.us.bb.gin.ntt.net
5	39	39	39	129.250.2.182	ae-0.r22.snjsca04.us.bb.gin.ntt.net
6	213	213	213	129.250.3.49	ae-2.r20.sngpsi05.sg.bb.gin.ntt.net
7	220	220	220	129.250.3.147	ae-2.r00.sngpsi02.sg.bb.gin.ntt.net
8	270	225	225	116.51.26.34	-
9	Timed out	Timed out	Timed out		-
10	224	224	224	180.240.204.66	-
11	217	215	215	180.240.193.238	-

Trace complete

IP kedepan ini milik MARITIME SQUARE (SINGAPURA) disini saya menggunakan provider hotspot pribadi indohome

## 9. 180.240.193.237

### TraceRoute from Network-Tools.com to 180.240.193.237

Hop	(ms)	(ms)	(ms)	IP Address	Host name
1	Timed out	0	0	206.123.64.233	-
2	1	1	1	129.250.202.253	xe-0-4-0-12.r01.dllstx04.us.bb.gin.ntt.net
3	1	1	1	129.250.6.128	ae-2.r23.dllstx09.us.bb.gin.ntt.net
4	39	39	39	129.250.4.154	ae-8.r23.snjsca04.us.bb.gin.ntt.net
5	38	37	37	129.250.2.182	ae-0.r22.snjsca04.us.bb.gin.ntt.net

6	214	214	215	129.250.3.49	ae-2.r20.sngpsi05.sg.bb.gin.ntt.net
7	225	222	222	129.250.3.147	ae-2.r00.sngpsi02.sg.bb.gin.ntt.net
8	226	226	298	116.51.26.34	-
9	236	234	222	180.240.193.237	-

Trace complete

IP kesembilan ini milik MARITIME SQUARE (SINGAPURA disini saya menggunakan provider hotspot pribadi indohome

### 10. 180.240.192.22

#### TraceRoute from Network-Tools.com to 180.240.192.22

Hop	(ms)	(ms)	(ms)	IP Address	Host name
1	0	0	0	206.123.64.221	-
2	2	2	1	129.250.202.253	xe-0-4-0-12.r01.dllstx04.us.bb.gin.ntt.net
3	1	1	1	129.250.6.128	ae-2.r23.dllstx09.us.bb.gin.ntt.net
4	40	39	39	129.250.4.154	ae-8.r23.snjsca04.us.bb.gin.ntt.net
5	37	37	37	129.250.2.182	ae-0.r22.snjsca04.us.bb.gin.ntt.net
6	215	216	215	129.250.3.49	ae-2.r20.sngpsi05.sg.bb.gin.ntt.net
7	222	222	222	129.250.3.147	ae-2.r00.sngpsi02.sg.bb.gin.ntt.net
8	226	226	227	116.51.26.34	-
9	214	213	213	180.240.204.44	-
10	215	215	220	180.240.204.54	-
11	433	411	411	180.240.192.22	-

Trace complete

IP kesepuluh ini milik MARITIME SQUARE (SINGAPURA ) disini saya menggunakan provider hotspot pribadi indohome

### 11. 176.74.176.186

#### TraceRoute from Network-Tools.com to 176.74.176.186

Hop	(ms)	(ms)	(ms)	IP Address	Host name
1	0	0	0	206.123.64.221	-
2	1	1	1	173.219.246.92	173-219-246-92.suddenlink.net
3	305	Timed out	303	173.219.225.54	173-219-225-54.suddenlink.net
4	1	0	1	206.223.118.30	10ge.ten1-3.dal-eqx-cor-1.peer1.net
5	127	127	127	216.187.124.74	10ge.xe-1-0-0.chi-eqx-dis-1.peer1.net
6	127	127	127	216.187.88.208	10ge-xe-2-2-0.nyc-telx-dis-1.peer1.net
7	127	127	127	216.187.114.131	-
8	124	124	142	216.187.115.118	10ge.xe-1-0-0.ldn-teleh-dis-1.peer1.net
9	126	127	127	216.187.112.90	10ge.xe-0-0-1.por-5ltp1ops-dis-3.peer1.net
10	130	128	130	216.187.112.187	por-5ltp1a-xe3-1.peer1.net
11	127	127	127	176.74.176.186	-

Trace complete

IP kesebelas ini milik Aminef.com disini saya provider hotspot pribadi indohome

```

Command Prompt
Microsoft Windows [Version 10.0.10240]
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C:\Users\M. Nizal>tracert www.aminef.com

Tracing route to www.aminef.com [176.74.176.186]
over a maximum of 30 hops:

  0  1 ms    <1 ms   <1 ms   1.100.168.192.in-addr.arpa [192.168.100.1]
  1  1 ms    1 ms    1 ms    36.77.64.1
  2  2 ms    1 ms    5 ms    29.0.160.125.in-addr.arpa [125.160.0.29]
  3  1 ms    1 ms    1 ms    61.94.115.205
  4  18 ms   18 ms   18 ms   249.63.98.118.in-addr.arpa [118.98.63.249]
  5  16 ms   14 ms   14 ms   181.subnet118-98-56.astinet.telkom.net.id [118.98.56.181]
  6  20 ms   22 ms   22 ms   238.193.240.180.in-addr.arpa [180.240.193.238]
  7  14 ms   13 ms   13 ms   237.193.240.180.in-addr.arpa [180.240.193.237]
  8  206 ms  206 ms  209 ms  22.192.240.180.in-addr.arpa [180.240.192.22]
  9  *      *      *      Request timed out.
 10  *      *      *      Request timed out.
 11  *      *      *      Request timed out.
 12  *      *      *      Request timed out.
 13  *      *      *      Request timed out.
 14  *      *      *      Request timed out.
 15  *      *      *      Request timed out.
 16  *      *      *      Request timed out.
 17  289 ms  246 ms  256 ms  186.176.74.176.in-addr.arpa [176.74.176.186]

Trace complete.

```

Ini merupakan Perbandingan dengan menggunakan tracert pada cmd dengan situs [www.Aminef.com](http://www.Aminef.com) berdasarkan analisa saya lebih detail melihat IP melalui CMD karena menggunakan network-tools.com harus memiliki jaringan yang kencang.