

TUGAS KOMUNIKASI DATA & JARINGAN KOMPUTER



DISUSUN OLEH :

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09031181520115

SI REG 3B

DOSEN PENGAMPU :

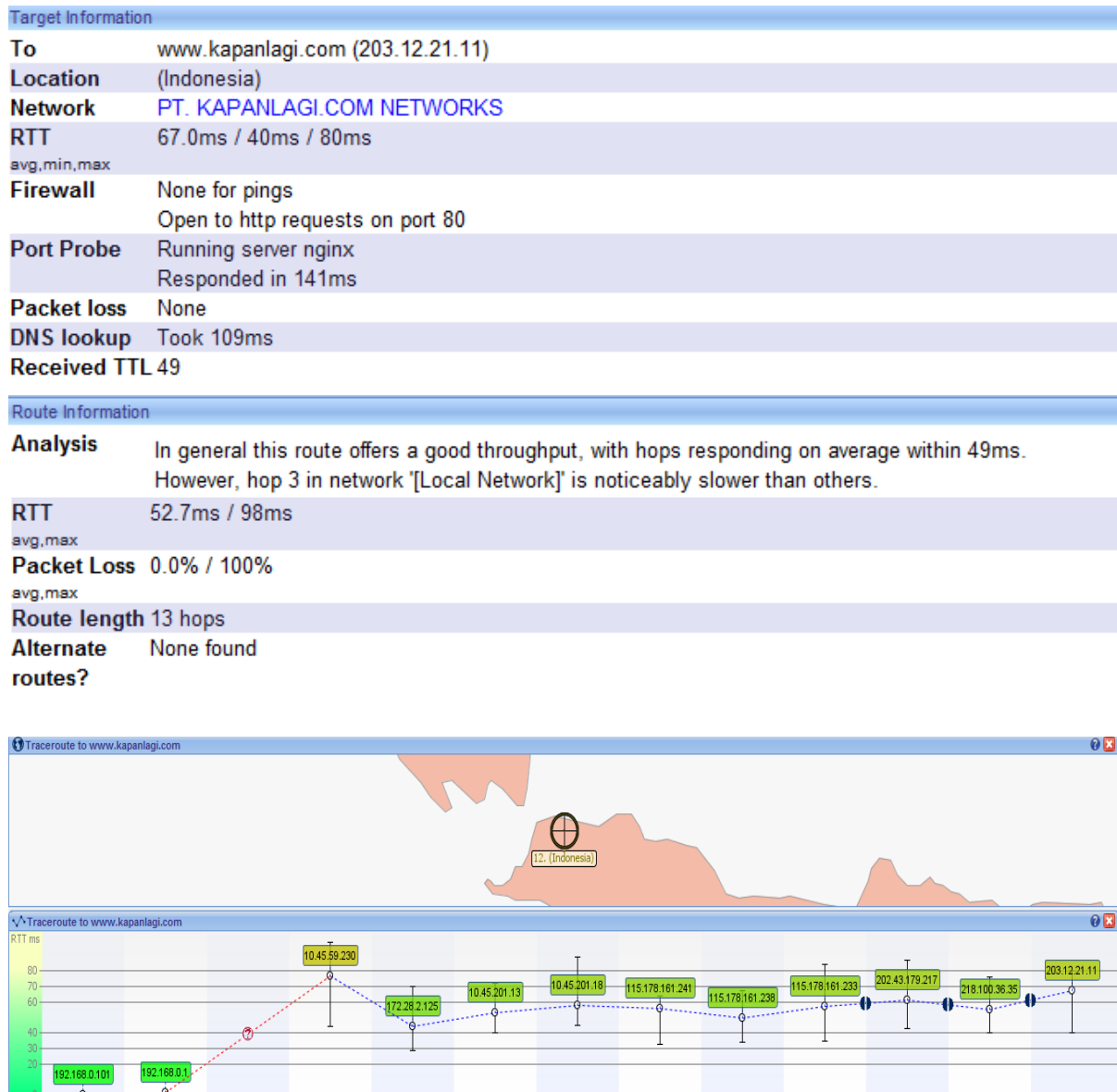
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**JURUSAN SISTEM INFORMASI
FAKULTAS ILMU KOMPUTER
UNIVERSITAS SRIWIJAYA
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ANALISIS IP ADDRESS DARI 2 SERVER INDONESIA DAN 2 SERVER LUAR NEGERI DENGAN VISUAL ROUTE DAN NETWORK-TOOLS.COM

A. SERVER INDONESIA

1. kapanlagi.com



Kapanlagi.com memiliki IP address 203.12.21.11 berlokasi di Indonesia. Avg (rata-rata) dari RTT nya 67.0ms, minimal 40 ms, maksimal 80ms. RTT atau singkatan dari Round Trip Time adalah waktu yang dibutuhkan oleh client dalam mengirimkan suatu data menuju server dan kemudian paket data tersebut dikembalikan oleh server kepada user. Ini adalah RTT waktu sekali di buka, setiap membuka di lain waktu, RTT nya akan berbeda.

Dari hops yang di lewati, pertama akan melewati IP dari perangkat yang kita gunakan, lalu ke jaringan yang di gunakan dan melewati server yang ada di Indonesia, melewati PT Mora Telematika Indonesia baru ke Kapanlagi.com dngan RTT 52.7ms.

Analisis di network-tools.com

203.12.21.11 is from Indonesia (ID) in region Southern and Eastern Asia

Input: 203.12.21.11

canonical name: www1.kapanlagi.com

Registered Domain: kapanlagi.com

TraceRoute from Network-Tools.com to 203.12.21.11 [www1.kapanlagi.com]

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	2	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	40	40	43	129.250.2.182	ae-0.r22.snjsca04.us.bb.gin.ntt.net
6	217	222	217	129.250.3.49	ae-2.r20.sngpsi05.sg.bb.gin.ntt.net
7	212	211	211	129.250.3.147	ae-2.r00.sngpsi02.sg.bb.gin.ntt.net
8	229	229	229	116.51.27.70	-
9	219	219	219	119.110.127.90	ip-127-90.mcs.napinfo.net
10	220	219	219	202.6.232.94	202-6-232-94.padi.net.id
11	219	219	Timed out	202.6.232.178	202-6-232-178.padi.net.id
12	Timed out	Timed out	Timed out		-
13	220	220	220	203.12.21.11	www1.kapanlagi.com

Trace complete

Untuk menuju ke kapanlagi.com melewati 13 hop mulai dari US melewati SG lalu ke ID :

1. 206.123.64.233 is from United States (US) in region North America
2. 129.250.202.253 is from United States (US) in region North America
3. 129.250.6.128 is from United States (US) in region North America
4. 129.250.4.154 is from United States (US) in region North America
5. 129.250.2.182 is from United States (US) in region North America
6. 129.250.3.49 is from United States (US) in region North America
7. 129.250.3.147 is from United States (US) in region North America
8. 116.51.27.70 is from Singapore (SG) in region Southern and Eastern Asia
9. 119.110.127.90 is from Indonesia (ID) in region Southern and Eastern Asia
10. 202.6.232.94 is from Indonesia (ID) in region Southern and Eastern Asia
11. 202.6.232.178 is from Indonesia (ID) in region Southern and Eastern Asia
12. -
13. 203.12.21.11 is from Indonesia (ID) in region Southern and Eastern Asia

Input: 203.12.21.11

canonical name: www1.kapanlagi.com

Registered Domain: kapanlagi.com

INFORMASI terkait kapanlagi.com :

Domain Name: KAPANLAGI.COM

Registry Domain ID: 95240318_DOMAIN_COM-VRSN

Registrar WHOIS Server: whois.enom.com

Registrar URL: www.enom.com

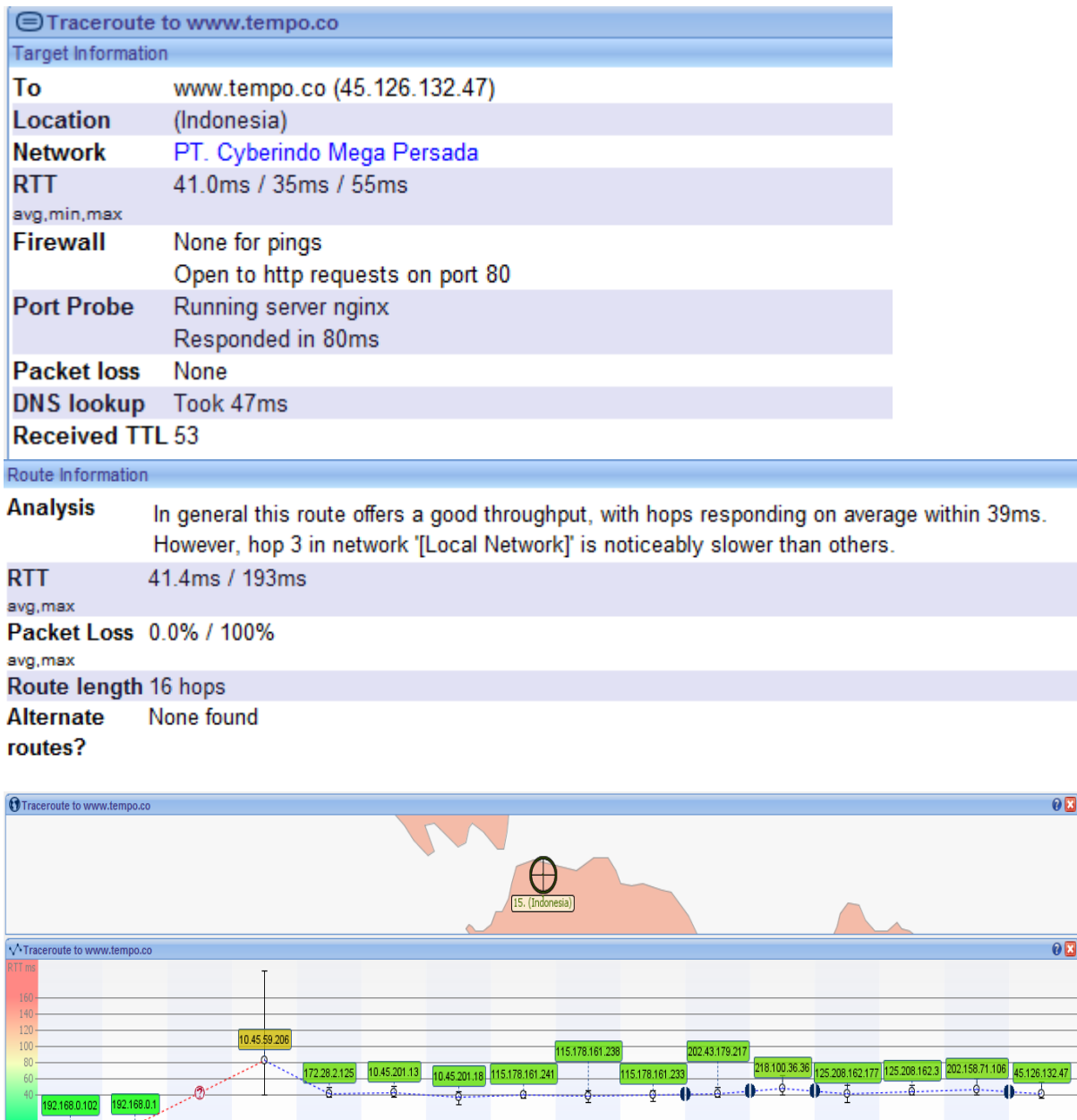
Updated Date: 2012-12-21T17:09:48.00Z

Creation Date: 2003-02-25T02:58:22.00Z

Registrar Registration Expiration Date: 2022-02-25T02:58:00.00Z

Registrar: ENOM, INC.
Registrar IANA ID: 48
Domain Status: clientTransferProhibited <https://www.icann.org/epp#clientTransferProhibited>
Registry Registrant ID:
Registrant Name: EKA WIHARTO
Registrant Organization: PT KAPANLAGI DOT COM NETWORK
Registrant Street: AXA TOWER 28
Registrant Street: JL. PROF. DR. SATRIO 18
Registrant City: JAKARTA
Registrant State/Province: DKI
Registrant Postal Code: 12940
Registrant Country: ID
Registrant Phone: +62.2157941919
Registrant Phone Ext:
Registrant Fax: +62.2157942015
Registrant Fax Ext:
Registrant Email: STEVE@KAPANLAGI.NET
Registry Admin ID:
Admin Name: EKA WIHARTO
Admin Organization: PT KAPANLAGI DOT COM NETWORK
Admin Street: AXA TOWER 28
Admin Street: JL. PROF. DR. SATRIO 18
Admin City: JAKARTA
Admin State/Province: DKI
Admin Postal Code: 12940
Admin Country: ID
Admin Phone: +62.2157941919
Admin Phone Ext:
Admin Fax: +62.2157942015
Admin Fax Ext:
Admin Email: STEVE@KAPANLAGI.NET
Registry Tech ID:
Tech Name: EKA WIHARTO
Tech Organization: PT KAPANLAGI DOT COM NETWORK
Tech Street: AXA TOWER 28
Tech Street: JL. PROF. DR. SATRIO 18
Tech City: JAKARTA
Tech State/Province: DKI
Tech Postal Code: 12940
Tech Country: ID
Tech Phone: +62.2157941919
Tech Phone Ext:
Tech Fax: +62.2157942015
Tech Fax Ext:
Tech Email: STEVE@KAPANLAGI.NET
Name Server: NS-1211.AWSDNS-23.ORG
Name Server: NS-1975.AWSDNS-54.CO.UK
Name Server: NS-408.AWSDNS-51.COM
Name Server: NS-941.AWSDNS-53.NET
DNSSEC: unSigned

2. tempo.co



Tempo.co memiliki IP address 45.126.132.47 berlokasi di Indonesia , rata-rata RTT nya pada saat itu 41.0ms, minimal 35ms, maksimal 55ms. Tempo.co memiliki netwok PT Cyberindo Mega Persada. Untuk menuju ke tempo.co melewati 16 hop, mulai dari hop perangkat yang kita gunakan, jaringan sampai ke hop www.tempo.co

Analisis di network-tools.com

Lookup failed: 45.126.132.47 No data

45.126.132.47 is from European Union (EU) in region Western Europe

TraceRoute from Network-Tools.com to 45.126.132.47

Hop	(ms)	(ms)	(ms)	IP Address	Host name
1	0	0	0	206.123.64.221	-
2	1	1	0	4.15.32.133	lag-127.ear1.dallas1.level3.net
3	Timed out	Timed out	Timed out		-
4	0	0	0	62.115.52.221	dls-b21-link.telia.net
5	33	33	33	62.115.123.139	las-b21-link.telia.net
6	170	191	175	62.115.138.119	hnk-b2-link.telia.net
7	215	211	211	62.115.114.225	snge-b1-link.telia.net
8	198	198	199	213.248.86.110	cyberindo-ic-138227-snge-b1.c.telia.net
9	222	222	222	121.100.5.234	-
10	209	209	209	121.100.4.82	-
11	216	216	224	202.158.31.131	ip31-131.cbn.net.id
12	220	220	220	210.210.161.149	210.210.161.149.cbn.net.id
13	230	230	230	210.210.161.3	210.210.161.3.cbn.net.id
14	226	224	224	202.158.71.106	ip71-106.cbn.net.id
15	218	218	218	45.126.132.47	-

Trace complete

INFORMASI terkait tempo.co :

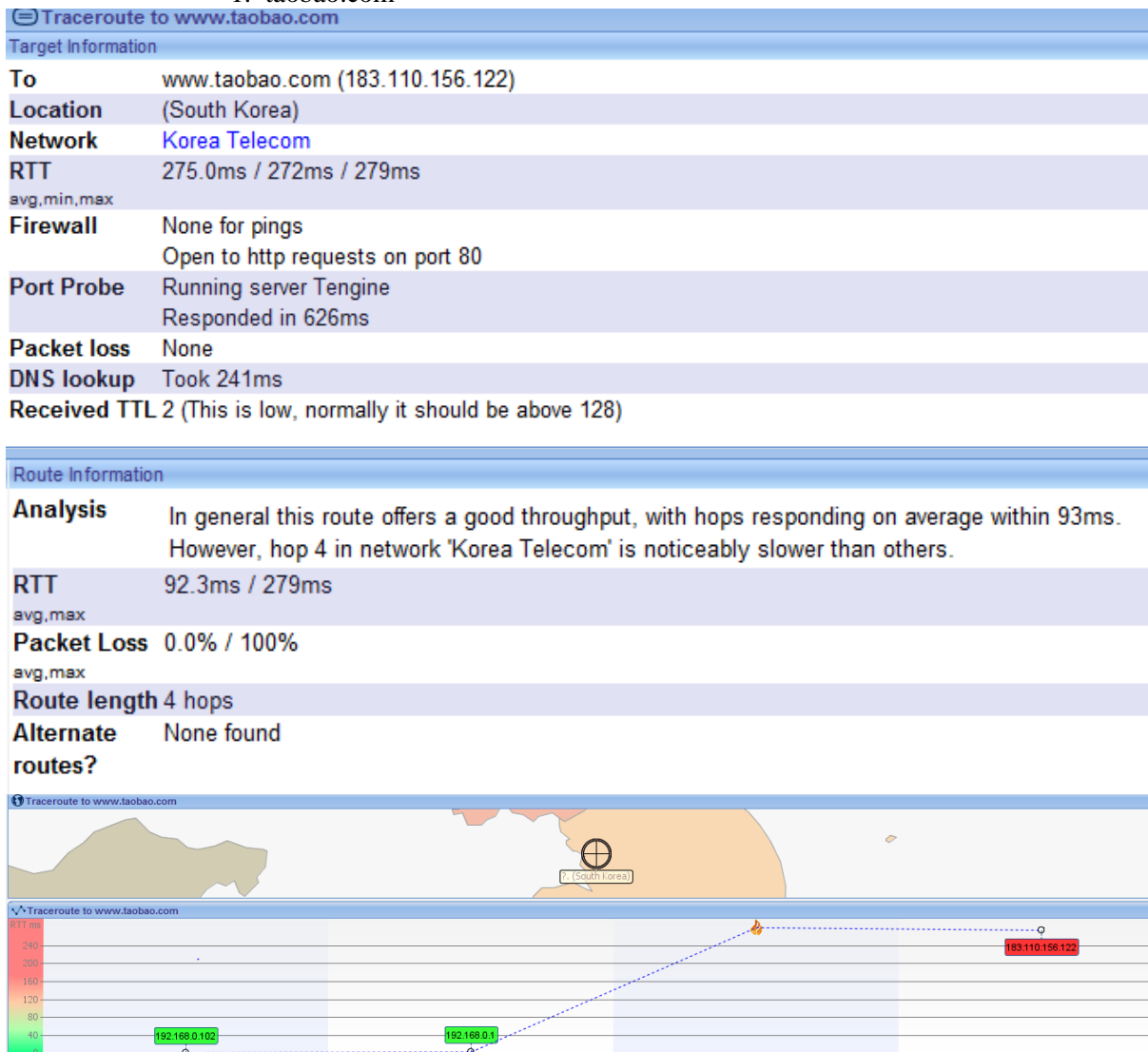
inetnum: 45.126.132.0 - 45.126.135.255
netname: IDNIC-CBNCLOUD-ID
descr: PT. Cyberindo Mega Persada
descr: Corporate / Direct Member IDNIC
descr: Cyber 2 Tower Lt.33
descr: Jl. HR. Rasuna Said Blok X-5 No.13
descr: Jakarta 12950
admin-c: CH57-AP
tech-c: TSH28-AP
remarks: send spam & abuse report to: noc@cbncloud.co.id
country: ID
mnt-by: MNT-APJII-ID
mnt-irt: IRT-CBNCLOUD-ID
mnt-routes: MAINT-ID-CBNCLOUD
status: ASSIGNED PORTABLE
changed: hm-changed@apnic.net 20150902
source: APNIC

irt: IRT-CBNCLOUD-ID
address: PT. Cyberindo Mega Persada
address: Cyber 2 Tower Lt.33
address: Jl. HR. Rasuna Said Blok X-5 No.13
address: Jakarta 12950
e-mail: noc@cbncloud.co.id
abuse-mailbox: noc@cbncloud.co.id
admin-c: CH57-AP
tech-c: TSH28-AP
auth: # Filtered
mnt-by: MAINT-ID-CBNCLOUD
changed: noc@cbncloud.co.id 20130319
source: APNIC

person: CBNnet Hostmaster
nic-hdl: CH57-AP
e-mail: hostmaster@cbn.net.id
address: PT. Cyberindo Aditama
address: Cyber 2 Tower 33rd Floor
address: Jl. HR. Rasuna Said X5 No.13
address: Jakarta 12950 - Indonesia
phone: +62-21-2996-4900
fax-no: +62-21-574-2481
country: ID
changed: hostmaster@cbn.net.id 20060518
changed: hostmaster@idnic.net 20150624
mnt-by: NOC-MAINT-CBN-APNIC
source: APNIC

person: Tony S. Hariman
address: PT. Cyberindo Mega Persada
address: Cyber 2 Tower Lt.33
address: Jakarta 12950
address: DKI Jakarta
country: ID
phone: +62-21-29964900
fax-no: +62-21-5742481
e-mail: noc@cbncloud.co.id
nic-hdl: TSH28-AP
mnt-by: NOC-MAINT-CBN-APNIC
changed: hostmaster@cbn.net.id 20130311
source: APNIC

B. Server di luar negeri
1. taobao.com



Jika di lihat dari gambar di atas, hanya ada 4 hop yan muncul, namun satu hop tidak merespon. Taobao.com berlokasi di Korea, rata-rata RTT nya 275.0ms, minimal 272ms, 279ms.

Analisis di network-tools.com

183.110.156.122 is from Korea, Republic of (KR) in region Southern and Eastern Asia

TraceRoute from Network-Tools.com to 183.110.156.122

Hop	(ms)	(ms)	(ms)	IP Address	Host name
1	0	0	0	206.123.64.221	-
2	0	0	0	206.123.64.157	-
3	0	0	0	64.124.196.225	xe-4-2-0.er2.dfw2.us.above.net
4	1	0	0	64.125.29.121	ae8.er1.dfw2.us.zip.zayo.com
5	0	1	0	64.125.20.65	ae11.cr1.dfw2.us.zip.zayo.com
6	49	34	27	64.125.30.180	ae27.cs1.dfw2.us.eth.zayo.com
7	27	27	27	64.125.29.53	ae3.cs1.lax112.us.eth.zayo.com
8	28	27	27	64.125.30.185	ae27.cr1.lax112.us.zip.zayo.com
9	27	29	27	64.125.26.5	ae9.mpr1.lax12.us.zip.zayo.com
10	27	27	27	121.189.3.245	-
11	161	161	161	112.174.87.209	-
12	161	173	157	112.174.83.117	-
13	161	161	157	112.174.85.6	-
14	Timed out	161	161	112.174.34.230	-
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		-
26	Timed out	Timed out	Timed out		-
27	Timed out	Timed out	Timed out		-
28	Timed out	Timed out	Timed out		-

Trace aborted.

INFORMASI terkait taobao.com :

inetnum: 183.96.0.0 - 183.127.255.255
netname: KORNET

descr: Korea Telecom
admin-c: IM667-AP
tech-c: IM667-AP
country: KR
status: ALLOCATED PORTABLE
mnt-by: MNT-KRNIC-AP
mnt-irt: IRT-KRNIC-KR
changed: hostmaster@nic.or.kr 20170203
source: APNIC

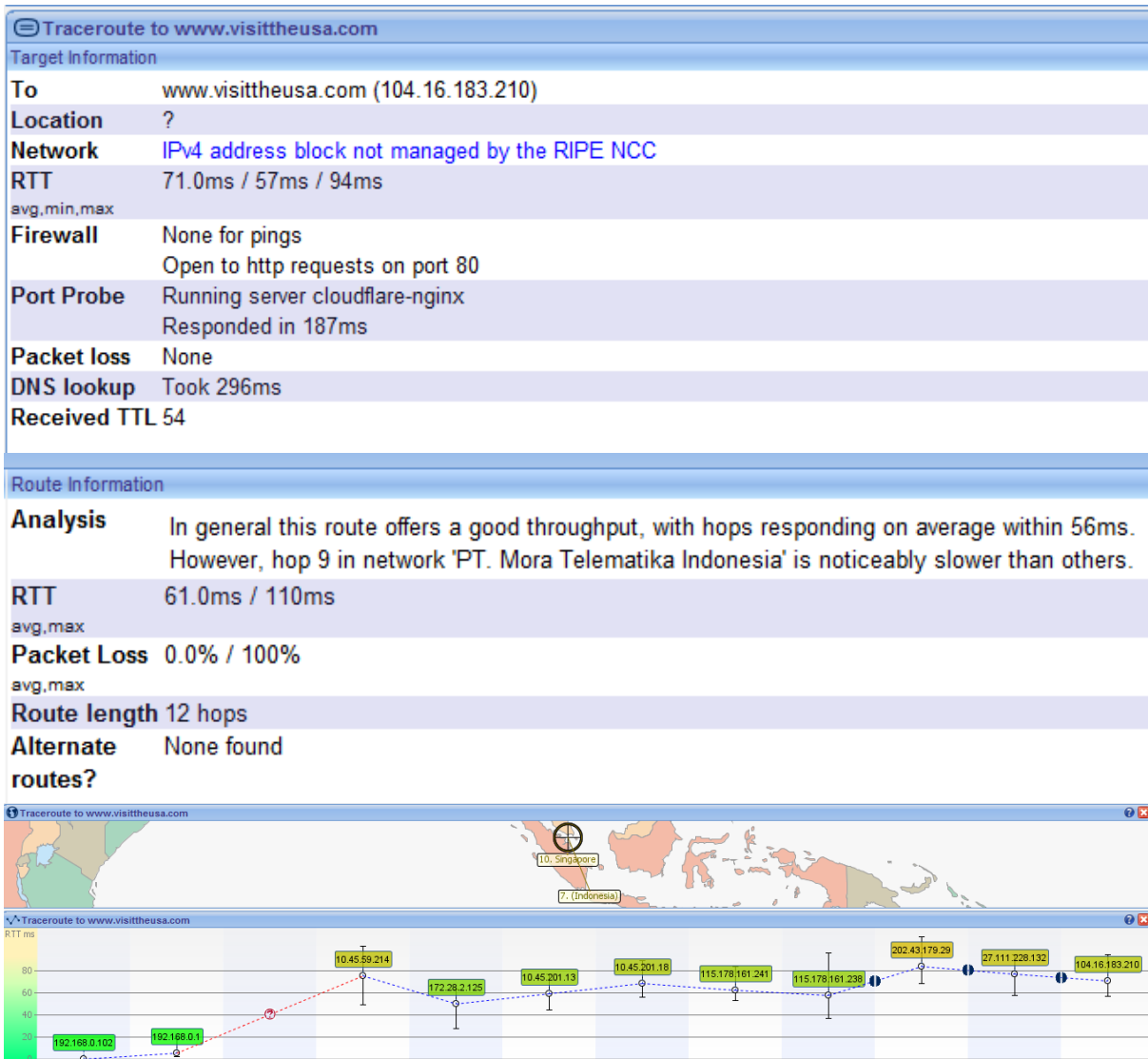
irt: IRT-KRNIC-KR
address: Seoul Songpa-gu Jungdae-ro 135
e-mail: hostmaster@nic.or.kr
abuse-mailbox: hostmaster@nic.or.kr
admin-c: IM574-AP
tech-c: IM574-AP
auth: # Filtered
mnt-by: MNT-KRNIC-AP
changed: hostmaster@nic.or.kr 20150513
source: APNIC

person: IP Manager
address: Gyeonggi-do Bundang-gu Seongnam-si Buljeong-ro 90
country: KR
phone: +82-2-500-6630
e-mail: kornet_ip@kt.com
nic-hdl: IM667-AP
mnt-by: MNT-KRNIC-AP
changed: hostmaster@nida.or.kr 20161208
changed: hostmaster@nic.or.kr 20161230
source: APNIC

% Information related to '183.96.0.0 - 183.127.255.255'

inetnum: 183.96.0.0 - 183.127.255.255
netname: KORNET-KR
descr: Korea Telecom
country: KR
admin-c: IA9-KR
tech-c: IM9-KR
status: ALLOCATED PORTABLE
mnt-by: MNT-KRNIC-AP
mnt-irt: IRT-KRNIC-KR
remarks: This information has been partially mirrored by APNIC from
remarks: KRNIC. To obtain more specific information, please use the
remarks: KRNIC whois server at whois.krnic.net.
changed: hostmaster@nic.or.kr
source: KRNIC

2. visittheusa.com



Visittheusa.com melewati 12 hops dengan satu hops tidak merespon. Berlokasi di Singapore dengan rata-rata RTT nya 71.0ms, minimal 57ms, maksimal 94ms.

Analisis di network-tools.com

Lookup failed: 104.16.183.210 No data
104.16.183.210 is from United States (US) in region North America

TraceRoute from Network-Tools.com to 104.16.183.210

Hop	(ms)	(ms)	(ms)	IP Address	Host name
1	0	1	0	206.123.64.233	-
2	1	1	1	173.219.246.92	173-219-246-92.suddenlink.net
3	239	240	363	173.219.225.56	173-219-225-56.suddenlink.net
4	Timed out	Timed out	Timed out		-
5	1	0	0	104.16.183.210	-

Trace complete

Informasi terkait visittheusa.com :

Network IP address lookup:

Whois query for **104.16.183.210**...

NetRange: 104.16.0.0 - 104.31.255.255
CIDR: 104.16.0.0/12
NetName: CLOUDFLARENET
NetHandle: NET-104-16-0-0-1
Parent: NET104 (NET-104-0-0-0-0)
NetType: Direct Assignment
OriginAS: AS13335
Organization: Cloudflare, Inc. (CLOUD14)
RegDate: 2014-03-28
Updated: 2015-10-01
Comment: <https://www.cloudflare.com>
Ref: <https://whois.arin.net/rest/net/NET-104-16-0-0-1>

OrgName: Cloudflare, Inc.
OrgId: CLOUD14
Address: 101 Townsend Street
City: San Francisco
StateProv: CA
PostalCode: 94107
Country: US
RegDate: 2010-07-09
Updated: 2017-01-28
Comment: <http://www.cloudflare.com/>
Ref: <https://whois.arin.net/rest/org/CLOUD14>

OrgAbuseHandle: ABUSE2916-ARIN
OrgAbuseName: Abuse
OrgAbusePhone: +1-650-319-8930
OrgAbuseEmail: abuse@cloudflare.com
OrgAbuseRef: <https://whois.arin.net/rest/poc/ABUSE2916-ARIN>

OrgNOCHandle: NOC11962-ARIN
OrgNOCName: NOC
OrgNOCPhone: +1-650-319-8930
OrgNOCEmail: noc@cloudflare.com
OrgNOCTRef: <https://whois.arin.net/rest/poc/NOC11962-ARIN>

OrgTechHandle: ADMIN2521-ARIN
OrgTechName: Admin
OrgTechPhone: +1-650-319-8930
OrgTechEmail: admin@cloudflare.com
OrgTechRef: <https://whois.arin.net/rest/poc/ADMIN2521-ARIN>

RNOCHandle: NOC11962-ARIN
RNOCHandle: NOC
RNOCHandle: +1-650-319-8930
RNOCHandle: noc@cloudflare.com
RNOCHandle: <https://whois.arin.net/rest/poc/NOC11962-ARIN>

RAbuseHandle: ABUSE2916-ARIN
RAbuseName: Abuse
RAbusePhone: +1-650-319-8930
RAbuseEmail: abuse@cloudflare.com
RAbuseRef: <https://whois.arin.net/rest/poc/ABUSE2916-ARIN>

RTechHandle: ADMIN2521-ARIN
RTechName: Admin
RTechPhone: +1-650-319-8930
RTechEmail: admin@cloudflare.com
RTechRef: <https://whois.arin.net/rest/poc/ADMIN2521-ARIN>

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