KOMUNIKASI DATA DAN JARINGAN KOMPUTER

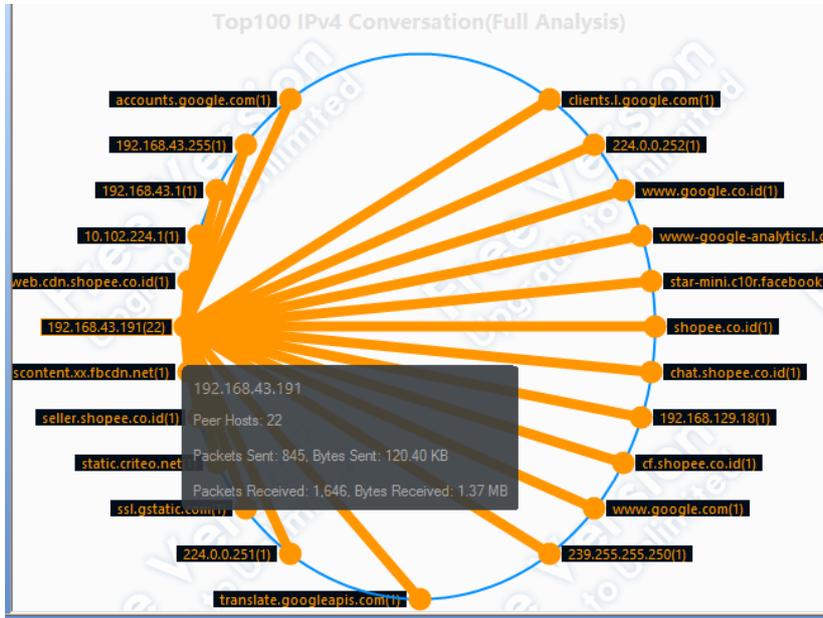Analisis isi paket data dari 10 ip address

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Dosen Pembimbing

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Berikut adalah screenshoot dari matrix pada file simpanan dari wireshark yang data data paket dianalisis menggunakan colasoft capsa.

Kita dapat menganalisis isi paket data pada ip conversation pada colasoft capsa seperti gambar dibawah ini:

Beberapa ip yang saya amati paket datanya antara lain:

Pertama, saya menganalisis Packet Decoding - 192.168.43.191<->172.217.27.106 - Analysis Project 1

Yang berarti paket yang dibawa dari ip kita 192.168.43.191 k

e ip 172.217.27.106 berisi paket data seperti gambar dibawah ini. Yang dapat kita lihat paket tersebut membuka situs translate.googleapis.com.

```
.2.~..(...4'..E...n;
@.......+....j.G..~.
".a..eP...P.........
.............:.....[V.
n ....jx....^.R....
...+./.,.0..........
......../.5.........
*............transl
ate.googleapis.com..
...#...............
...................
.........h2.http/1.
1..................
......
```

Kedua, saya akan mengamati Packet Decoding - 192.168.43.191<->216.58.203.238 - Analysis Project 1

Dan didapatkan isi paket memasuki alamat clients4.google.com

```
.2.~..(...4'..E...).@...?...+..:
...F....a.exJ.P....2...........
...Yk...*U...Y.....*.../z.G!m-.n
n....+./.,.0........../.5......d
.........clients4.google.com....
.............#...............
.....................h2.http
/1.1
```

Ketiga, saya mengamati Packet Decoding - 192.168.43.191<->74.125.130.84 - Analysis Project 1

Dari ip kita menuju ip 74.125.130.84 membawa paket data berisi alamat acounts.google.com

```
.2.~..(...4'..E...w.@.......+.J}
.T.I..s..lbr..P....C...........
.C..s.d..6J0.Y..W..e?.=0......>.
... JJ.+./.,.0................/
.5......................accoun
ts.google.com.....#............
...........................
.h2.http/1.1uP.................
....zz...
```

Ke empat, Packet Decoding - 172.217.27.99<->192.168.43.191 - Analysis Project 1

Yang mendapat isi paket diantaranya adalah android.com

```
Google Inc1.0...U....*.google.com0Y0...*.H.=
....*.H.=....B..X..b8..r...;.5..#.7.....8..:
.z..J.../wd6Wa.-....pb.........DS.........O...
0...U.%..O...+.........+.......O..{..U.....r
0..n..*.google.com..*.android.com..*.appengi
ne.google.com..*.cloud.google.com..*.gcp.gvt
2.com..*.google-analytics.com..*.google.ca..
*.google.cl..*.google.co.in..*.google.co.jp.
.*.google.co.uk..*.google.com.ar..*.google.c
om.au..*.google.com.br..*.google.com.co..*.g
oogle.com.mx..*.google.com.tr..*.google.com.
vn..*.google.de..*.google.es..*.google.fr..*
.google.hu..*.google.it..*.google.nl..*.goog
le.pl..*.google.pt..*.googleadapis.com..*.go
ogleapis.cn..*.googlecommerce.com..*.googlev
ideo.com..*.gstatic.cn..*.gstatic.com..*.gvt
1.com..*.gvt2.com..*.metric.gstatic.com..*.u
rchin.com..*.url.google.com..*.youtube-nocoo
kie.com..*.youtube.com..*.youtubeedu
```

Dan masih banyak lainnya.

Kelima, **Packet Decoding - 192.168.43.191<->114.125.33.46 - Analysis Project 1**

Isi paketnya adalah www.google.co.id

```
.2.~..(...4'..E....H@...j...+.r}
!..A... ..bP..P....b............
.....Gy>..{..... .L{l{.....3.+..
.....+./.,.0........./.5.......a
.........www.google.co.id.......
.............#..................
....................h2.http/1.
1
```

Keenam, **Packet Decoding - 192.168.43.191<->74.125.130.102 - Analysis Project 1**

Membawa alamat www.google-analytics.com

```
.2.~..(...4'..E...%k@....g..+.J}
.f.a..f...e...P................
...m.%0Tn.....J....%....kv..3C.M
.....+./.,.0........./.5.......i
.........www.google-analytics.co
m................#...........
.........................h2
.http/1.1
```

Ketujuh, **Packet Decoding - 192.168.43.191<->103.223.1.17 - Analysis Project 1**

Berisi alamat seller.shopee.co.id

```
.2.~..(...4'..E...5.@...n...+.g.
...j....$Sg...P...U............
.>...*..m.....U...P.&q.Y........
.....+./.,.0........./.5.......d
.........seller.shopee.co.id....
.................#.............
.......................h2.http
/1.1
```

Kedelapan,

Paket menuju 31.13.78.35 berisi alamat www.facebook.com

```
.2.~..(...4'..E...W @...Im..+...
N#.k..Hq.$b.c)P...XE............
.3x.~j7......>..".J......gXR..z.
(....+./.,.0........./.5.......a
.........www.facebook.com.......
.............#..................
....................h2.http/1.
1
```

Kesembilan,

Paket ke ip ini berisi cdn.shopee.co.id

```
.2.~..(...4'..E...1.@...s...+.g.
./.f......g7F4P....1............
....D!p.{.........X..'P....._.s+
.....+./.,.0........./.5.......a
.........cdn.shopee.co.id.......
.............#..................
....................h2.http/1.
1
```

Ke sepuluh dan terakhir

Paket membawa alamat static.criteo.net

```
.2.~..(...4'..E...~.@.......+...
HJ.i..Q...e"..P....b............
...._G......7(..Q....Yc......b.y
.....+./.,.0........./.5.......b
.........static.criteo.net......
.............#..................
....................h2.http/1
.1
```