

NAMA : PASCAL ADHI KURNIA TARIGAN

NIM : 09011281520113

KELAS : SK5C

Tugas PCAP

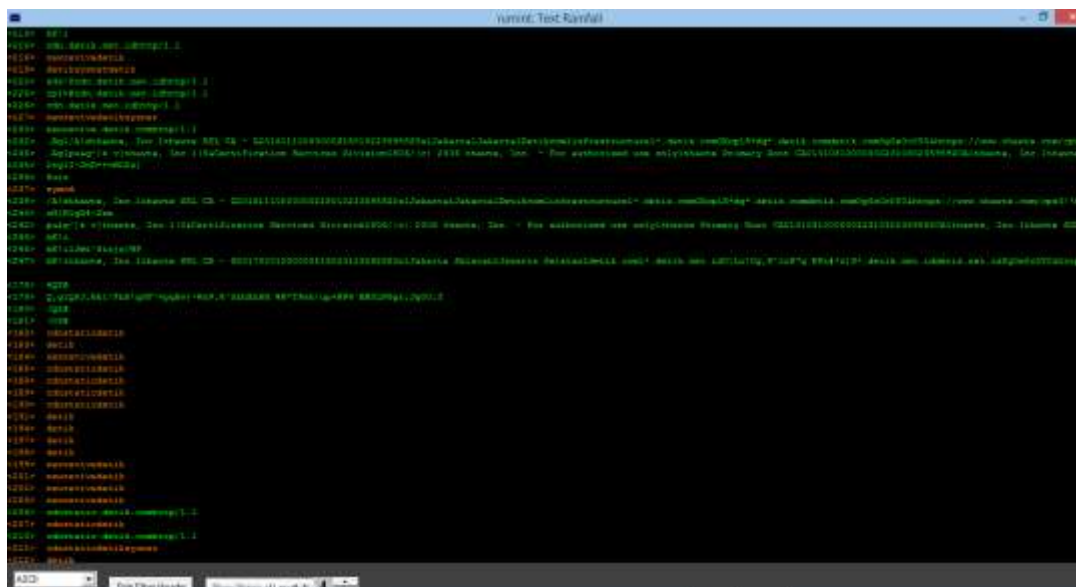
1. Aplikasi Mencari PCAP Visualisation

Menggunakan aplikasi *Rumint* yang di peroleh dari website www.rumint.org

2. Capture dan Menganalisa

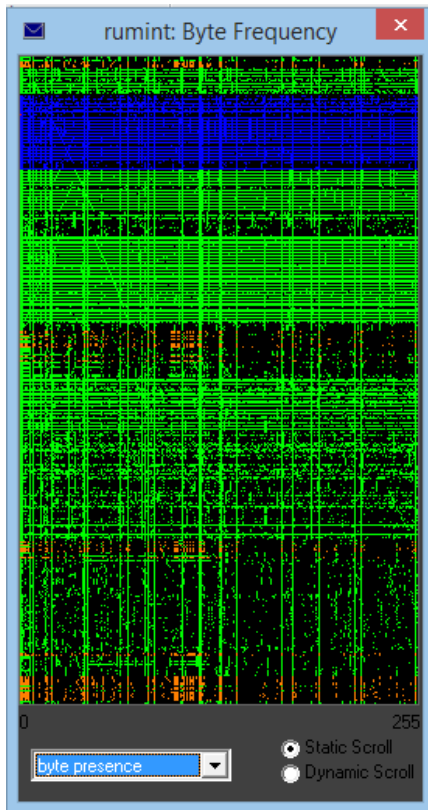
I. www.detik.com

a. Text Rainfall

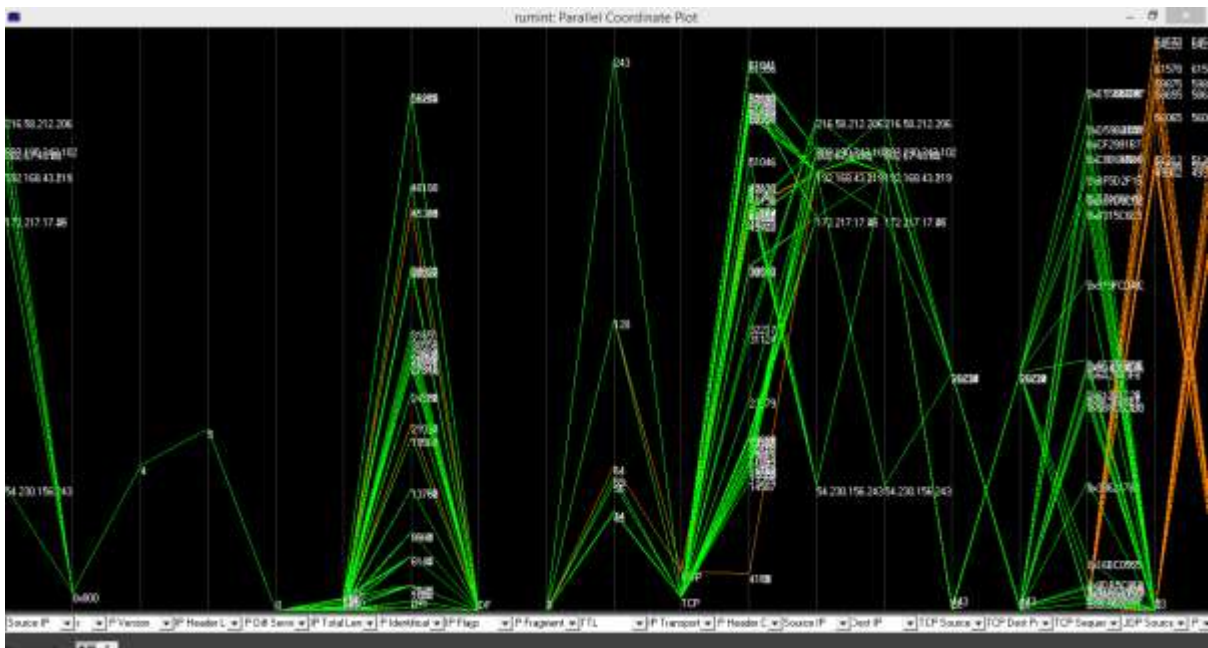


The screenshot shows the Rumint application interface with a text waterfall visualization. The waterfall consists of numerous horizontal lines of varying lengths, representing network traffic. The lines are color-coded, with some in red and others in green. The text within the lines is mostly illegible due to the small font size and the way the lines are stacked. The application title bar at the top reads "Rumint: Text Rainfall". At the bottom, there is a status bar with "1330" on the left and "Control Panel" on the right.

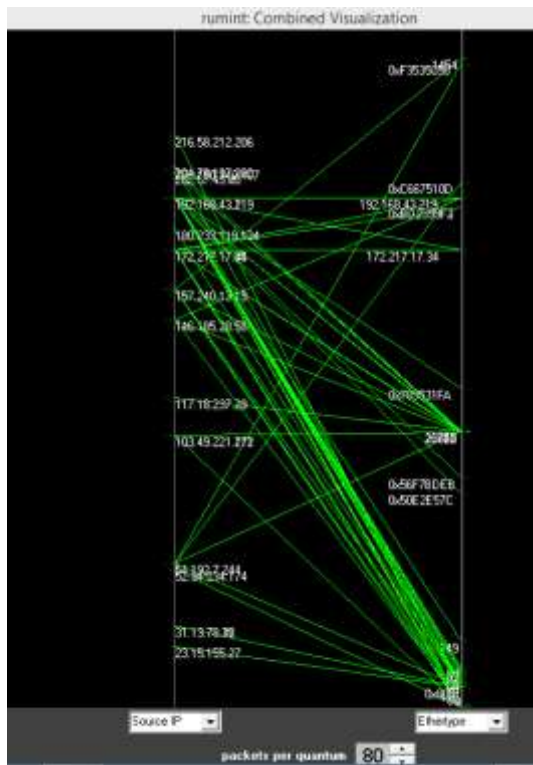
b. Byte Frequency



c. Parallel Coordinate Plot

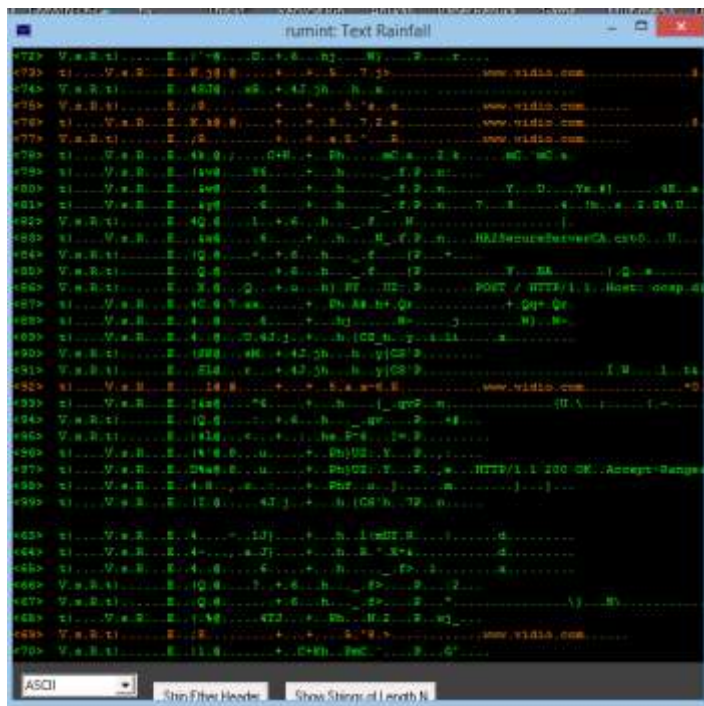


d. Combined Visualization



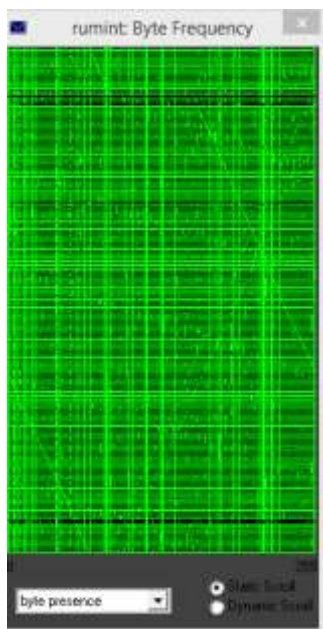
II. www.vidio.com

a. Text Rainfall

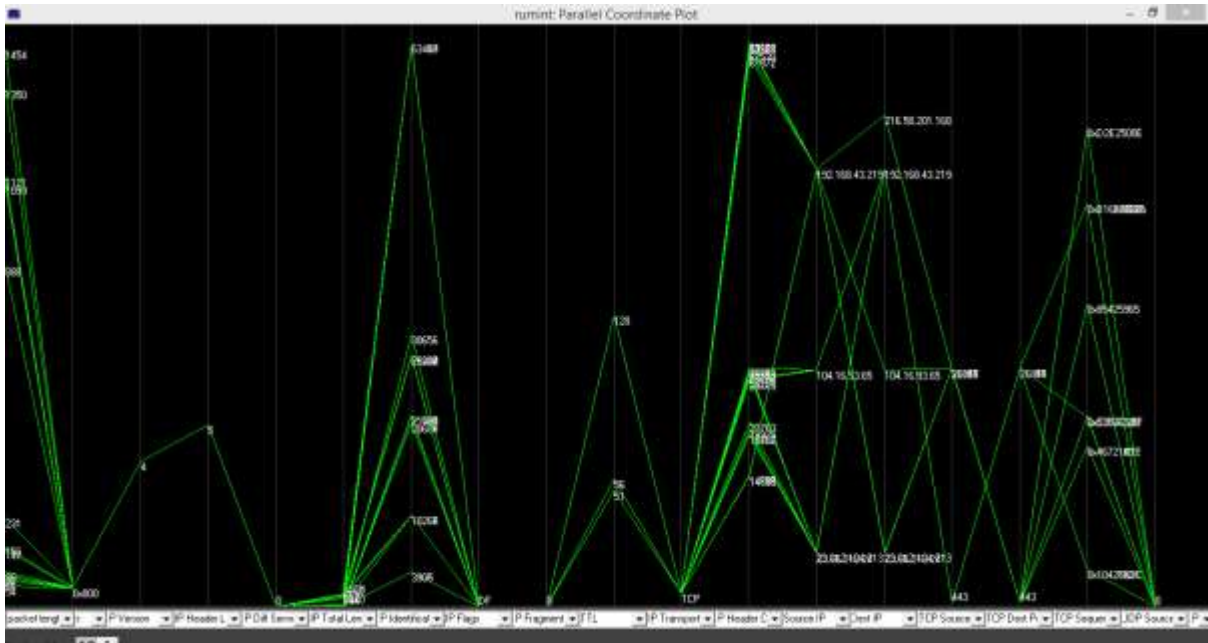


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672> V x 8 t i ... E 178 ... D 178 ... R 178 ... W ... P ... t ...
673> t i ... V x 8 t i ... E 859 ... D 859 ... R 859 ... W ... P ... t ... www.vidio.com ...
674> V x 8 t i ... E 4674 ... D 4674 ... R 4674 ... W ... P ... t ... www.vidio.com ...
675> V x 8 t i ... E 74 ... D 74 ... R 74 ... W ... P ... t ... www.vidio.com ...
676> t i ... V x 8 t i ... E 718 ... D 718 ... R 718 ... W ... P ... t ... www.vidio.com ...
677> V x 8 t i ... E 72 ... D 72 ... R 72 ... W ... P ... t ... www.vidio.com ...
678> t i ... V x 8 t i ... E 48 ... D 48 ... R 48 ... W ... P ... t ... www.vidio.com ...
679> t i ... V x 8 t i ... E 180 ... D 180 ... R 180 ... W ... P ... t ... www.vidio.com ...
680> t i ... V x 8 t i ... E 180 ... D 180 ... R 180 ... W ... P ... t ... www.vidio.com ...
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710> V x 8 t i ... E 180 ... D 180 ... R 180 ... W ... P ... t ... www.vidio.com ...
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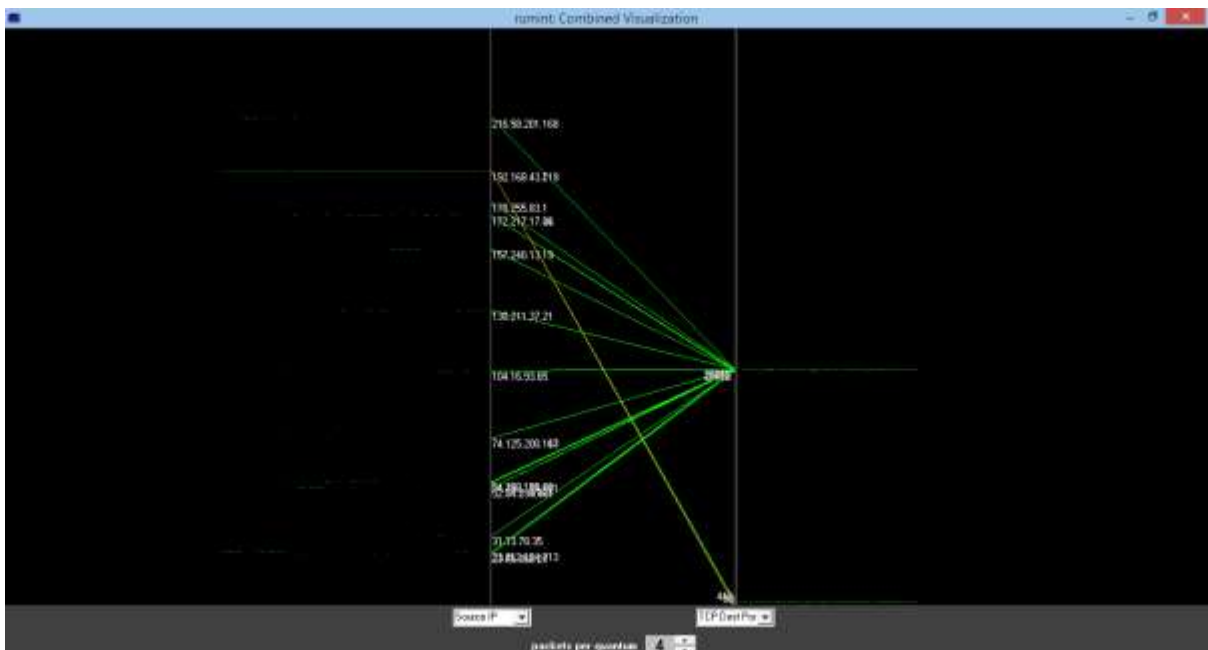
b. Byte Frequency



c. Parallel Coordinate Plot



d. Combined Visualization



ANALISA

.pcap adalah berkas data, yang dibuat oleh Ethereal, yang sekarang menjadi Wireshark. Ini adalah program gratis yang digunakan terutama untuk analisis jaringan. Ini dibawa bersama dengan paket data jaringannya.

Pembuatan Visualisasi PCAP menggunakan aplikasi ringan *rumint* yang di bisa di download di www.rumint.org . Dari aplikasi tersebut didapatkan grafik proses transfer dari source ke destination. Dari setiap bentuk grafik mulai dari text rainfall, byte frequency, parallel coordinate plot, combined coordination ,yang paling mudah memahaminya adalah pada bentuk grafik parallel coordinate dan combined coordination karena langsung memuat source dan destination dengan menghubungkan garis satu demi satu, sedangkan text rainfall menggunakan ASCII dan parallel coordinate sulit melihat source dan destinaionnya. Dari grafik dapat disimpulkan bahwa dari source ke destination memerlukan banyak persinggahan ke IP adress lainnya sehingga sampai ke tujuan dengan rute tercepat.

Referensi

Khaliq, M.Abdul.2017."Ekstensi file .pcap".<http://id.downloadastro.com/File%20Windows/pcap/>