JARINGAN KOMPUTER

(Capturing Data Menggunakan Wireshark dan CMD)

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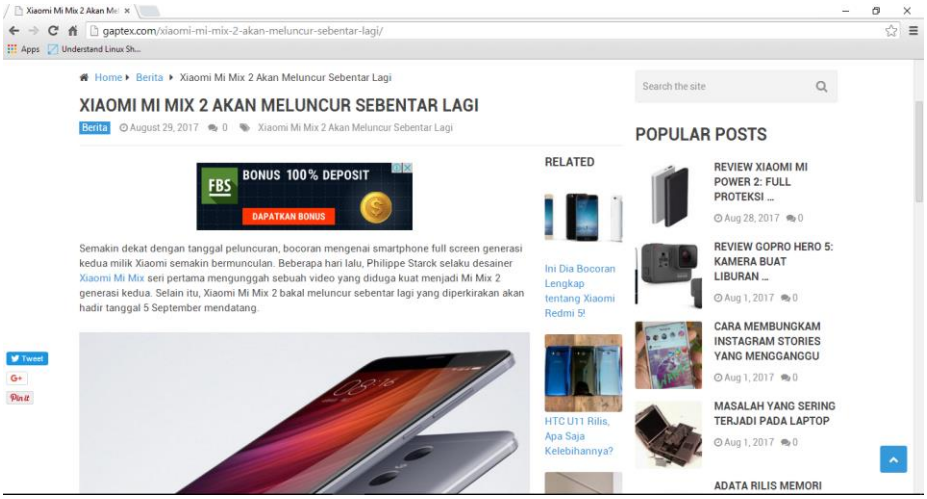
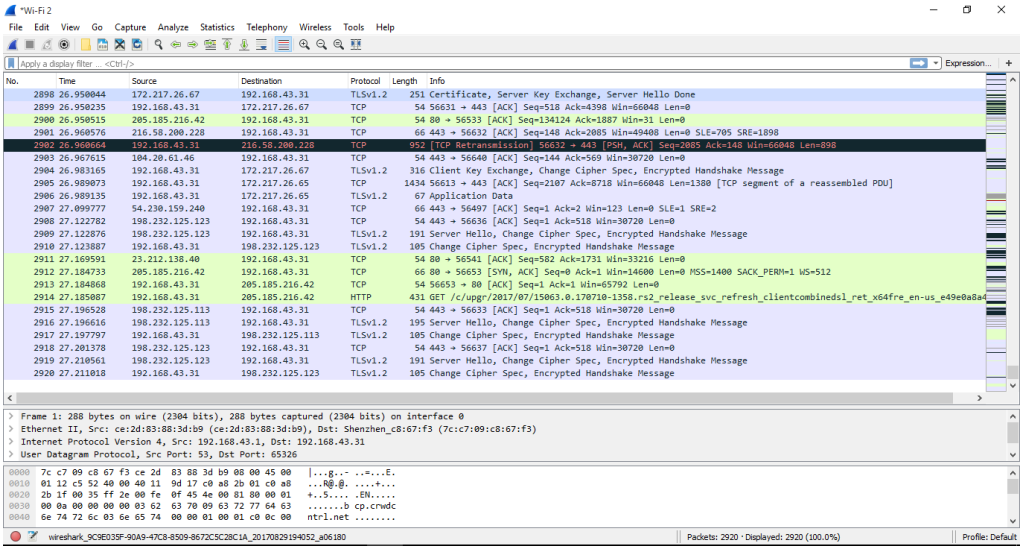
A. Web Browsing

Web Browsing yang saya buka adalah www.gaptex.com selama satu menit.



1. Wireshark

   Berikut ini merupakan sebagian dari hasil capturing data web browsing pada wireshark yang dilakukan selama satu menit.



Tabel Source

IP	MAC	INFO
172.217.26.70	ce:2d:83:88:3d:b9	192.168.43.31 TLSv1.2 1253 Application Data
172.217.26.67	ce:2d:83:88:3d:b9	TLSv1.2 251 Certificate, Server Key Exchange, Server Hello Done
192.168.43.31	7c:c7:09:c8:67:f3	TCP 952 [TCP Retransmission] 56632 → 443 [PSH, ACK] Seq=2085 Ack=148 Win=66048 Len=898
205.185.216.42	ce:2d:83:88:3d:b9	TCP 66 80 → 56653 [SYN, ACK] Seq=0 Ack=1 Win=14600 Len=0 MSS=1400 SACK_PERM=1

		WS=512
216.58.200.228	ce:2d:83:88:3d:b9	TCP 66 443 → 56632 [ACK] Seq=148 Ack=2085 Win=49408 Len=0 SLE=705 SRE=1898
104.20.61.46	ce:2d:83:88:3d:b9	TCP 54 443 → 56640 [ACK] Seq=144 Ack=569 Win=30720 Len=0
54.230.159.240	ce:2d:83:88:3d:b9	TCP 66 443 → 56497 [ACK] Seq=1 Ack=2 Win=123 Len=0 SLE=1 SRE=2
198.232.125.123	ce:2d:83:88:3d:b9	TLSv1.2 191 Server Hello, Change Cipher Spec, Encrypted Handshake Message
23.212.138.40	ce:2d:83:88:3d:b9	TCP 54 80 → 56541 [ACK] Seq=582 Ack=1731 Win=33216 Len=0
198.232.125.113	ce:2d:83:88:3d:b9	TLSv1.2 195 Server Hello, Change Cipher Spec, Encrypted Handshake Message

Tabel Destination

IP	MAC	INFO
192.168.43.31	7c:c7:09:c8:67:f3	TLSv1.2 1253 Application Data
192.168.43.31	7c:c7:09:c8:67:f3	TLSv1.2 251 Certificate, Server Key Exchange, Server Hello Done
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192.168.43.31	7c:c7:09:c8:67:f3	TCP 66 443 → 56632 [ACK] Seq=148 Ack=2085 Win=49408 Len=0 SLE=705 SRE=1898
192.168.43.31	7c:c7:09:c8:67:f3	TCP 54 443 → 56640 [ACK] Seq=144 Ack=569 Win=30720 Len=0
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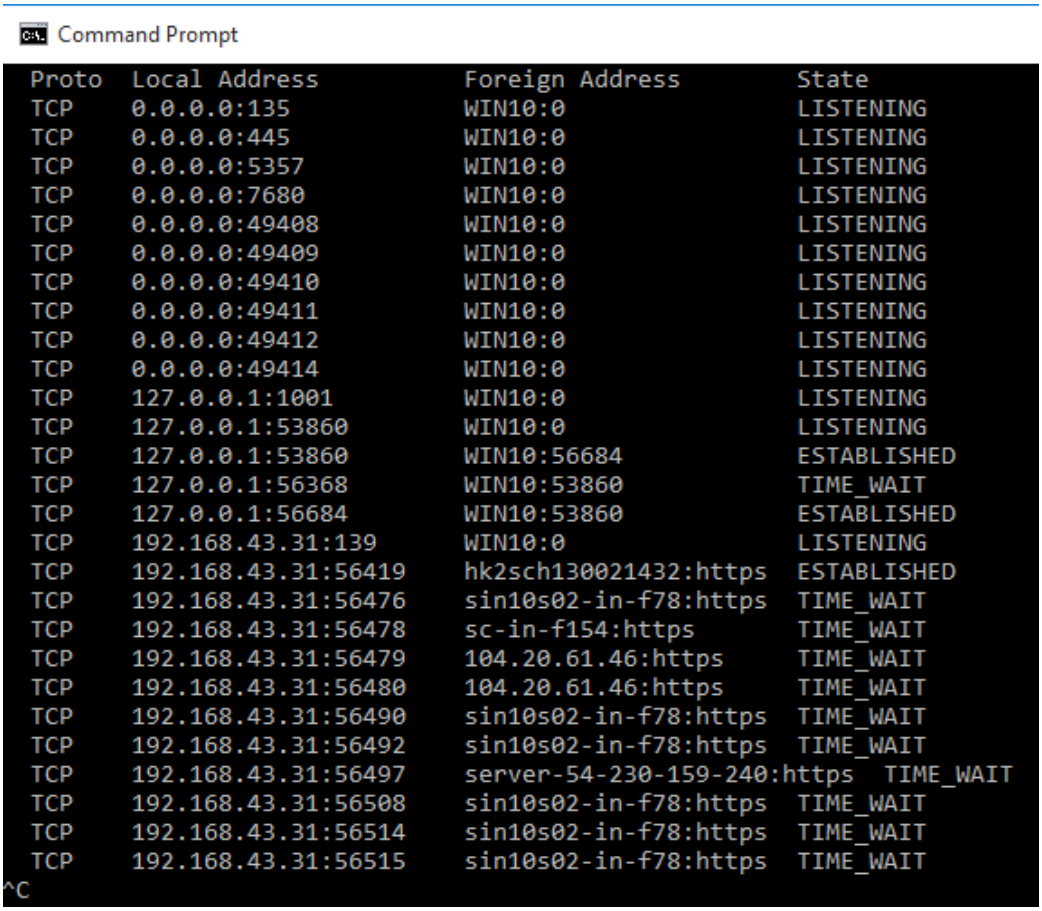
192.168.43.31	7c:c7:09:c8:67:f3	TLSv1.2 195 Server Hello, Change Cipher Spec, Encrypted Handshake Message

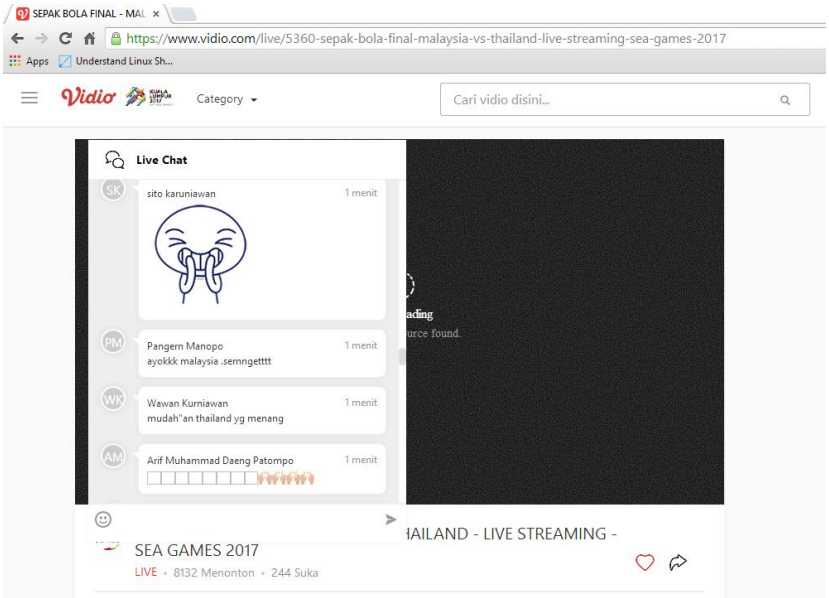
2. CMD

Berikut ini merupakan hasil dari capturing data web browsing pada CMD yang dilakukan selama satu menit.



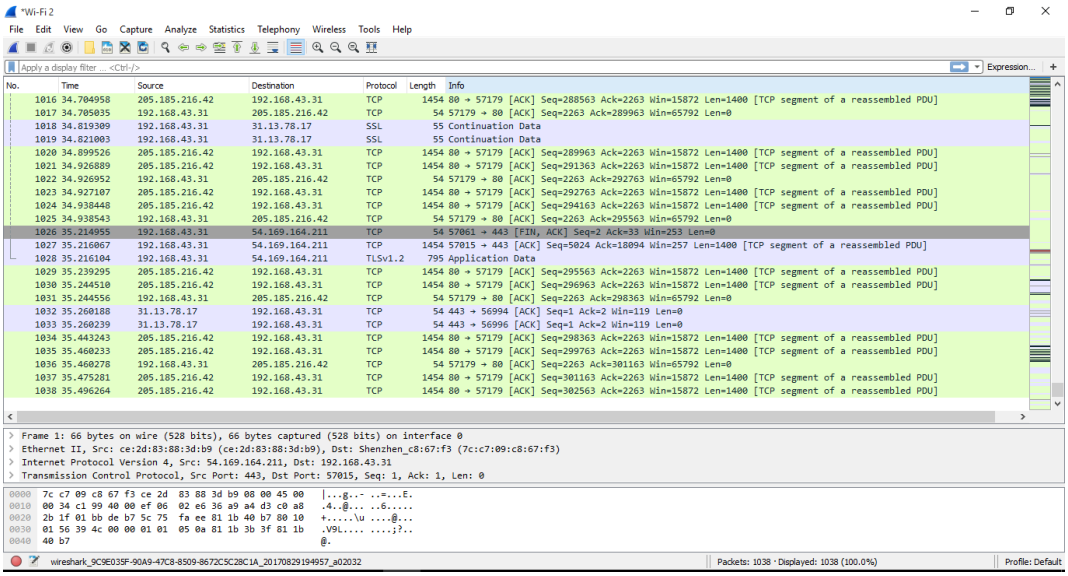
B. Online Streaming

Online Streaming yang saya buka adalah www.vidio.com selama satu menit.



1. Wireshark

Berikut ini merupakan sebagian dari hasil capturing data online streaming pada wireshark yang dilakukan selama satu menit.



Tabel Source

IP	MAC	INFO
205.185.216.42	ce:2d:83:88:3d:b9	TCP 1454 80 → 57179 [ACK] Seq=226925 Ack=1509 Win=15872 Len=1400 [TCP segment of a reassembled PDU]
192.168.43.31	7c:c7:09:c8:67:f3	TCP 66 [TCP Dup ACK 871#1] 57179 → 80 [ACK] Seq=1509 Ack=229725 Win=111872 Len=0 SLE=232525 SRE=233786
54.230.156.222	ce:2d:83:88:3d:b9	TCP 54 443 → 57035 [ACK] Seq=33 Ack=2 Win=127 Len=0
54.169.164.211	ce:2d:83:88:3d:b9	TCP 54 443 → 57124 [ACK] Seq=33 Ack=3 Win=175 Len=0
172.217.26.67	ce:2d:83:88:3d:b9	TCP 66 443 → 57011 [ACK] Seq=1 Ack=2 Win=176 Len=0 SLE=1 SRE=2
66.117.25.55	ce:2d:83:88:3d:b9	TCP 54 443 → 57157 [ACK] Seq=55 Ack=2 Win=40958 Len=0
172.217.26.80	ce:2d:83:88:3d:b9	TCP 54 443 → 56895 [FIN, ACK] Seq=1 Ack=2 Win=180 Len=0
216.58.200.227	ce:2d:83:88:3d:b9	TCP 66 443 → 56867 [ACK] Seq=1 Ack=2 Win=288 Len=0 SLE=1 SRE=2
157.240.13.35	ce:2d:83:88:3d:b9	TCP 54 443 → 57049 [ACK] Seq=1 Ack=2 Win=220 Len=0
31.13.78.17	ce:2d:83:88:3d:b9	TCP 54 443 → 56994 [ACK] Seq=1 Ack=2 Win=119 Len=0

Tabel Destination

IP	MAC	INFO
192.168.43.31	7c:c7:09:c8:67:f3	TCP 1454 80 → 57179 [ACK] Seq=226925 Ack=1509 Win=15872 Len=1400 [TCP segment of a reassembled PDU]
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192.168.43.31	7c:c7:09:c8:67:f3	TCP 54 443 → 56895 [FIN, ACK] Seq=1 Ack=2 Win=180 Len=0
192.168.43.31	7c:c7:09:c8:67:f3	TCP 66 443 → 56867 [ACK] Seq=1 Ack=2 Win=288 Len=0 SLE=1 SRE=2
192.168.43.31	7c:c7:09:c8:67:f3	TCP 54 443 → 57049 [ACK] Seq=1 Ack=2 Win=220 Len=0
192.168.43.31	7c:c7:09:c8:67:f3	TCP 54 443 → 56994 [ACK] Seq=1 Ack=2 Win=119 Len=0

2. CMD

Berikut ini merupakan hasil dari capturing data online streaming pada CMD yang dilakukan selama satu menit.