JARINGAN KOMPUTER

"CAPTURING DATA"

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JURUSAN SISTEM KOMPUTER

FAKULTAS ILMU KOMPUTER

UNIVERSITAS SRIWIJAYA

2017

CAPTURING DATA

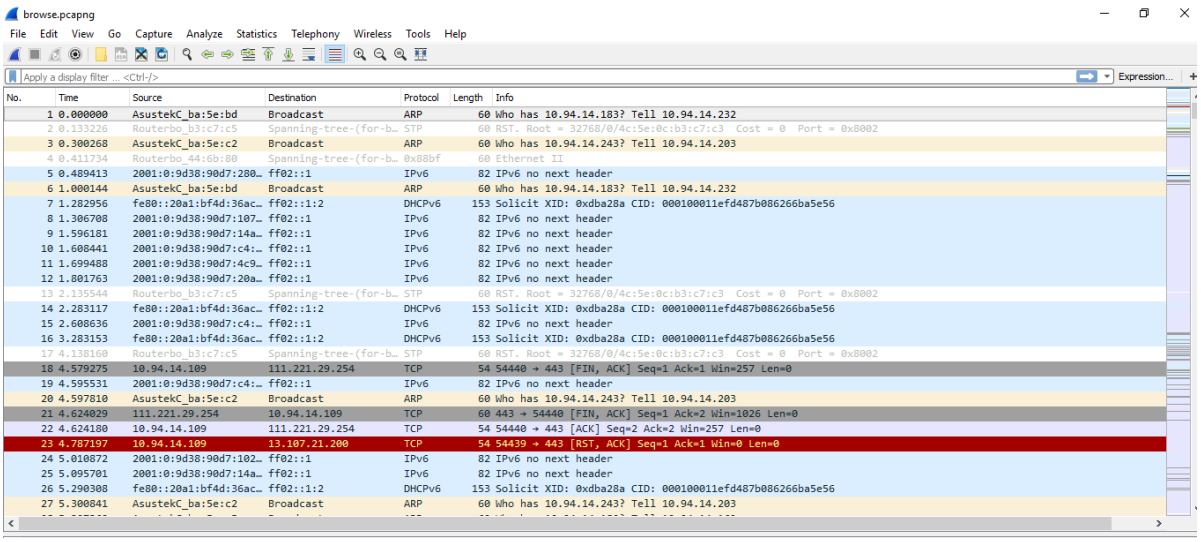
1. Browsing data melalui aplikasi wireshark.

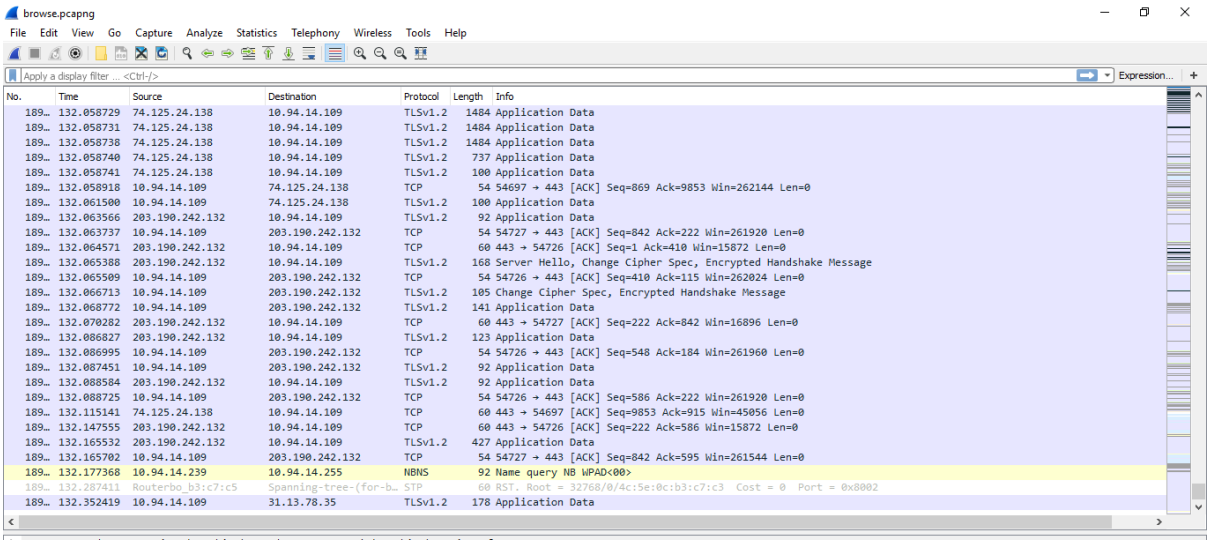
IP source : 203.190.242.102

IP Destination : 10.94.14.109

MAC Source : (d4:ca:6d:44:6b;80)

MAC Destination : (1c:b7:2c:e7:5b:74)





SOURCE	
IP	INFO
203.190.242.107	Client Key Exchange, Change Cipher Spec, Encrypted Handshake Message
10.94.14.109	New Session Ticket, Change Cipher Spec, Encrypted Handshake Message
103.49.221.211	Application Data
10.94.14.109	443 → 54489 [ACK] Seq=3866 Ack=473 Win=29440 Len=0
10.94.14.109	Application Data

DESTINATION	
IP	INFO
10.94.14.158	Standard query 0x7ea3 A isatap
103.49.221.122	Application Data
10.94.14.109	54489 → 443 [ACK] Seq=6556 Ack=7612 Win=261760 Len=0
31.13.78.35	Application Data
10.94.14.109	54700 → 443 [ACK] Seq=1875 Ack=476862 Win=262144 Len=0

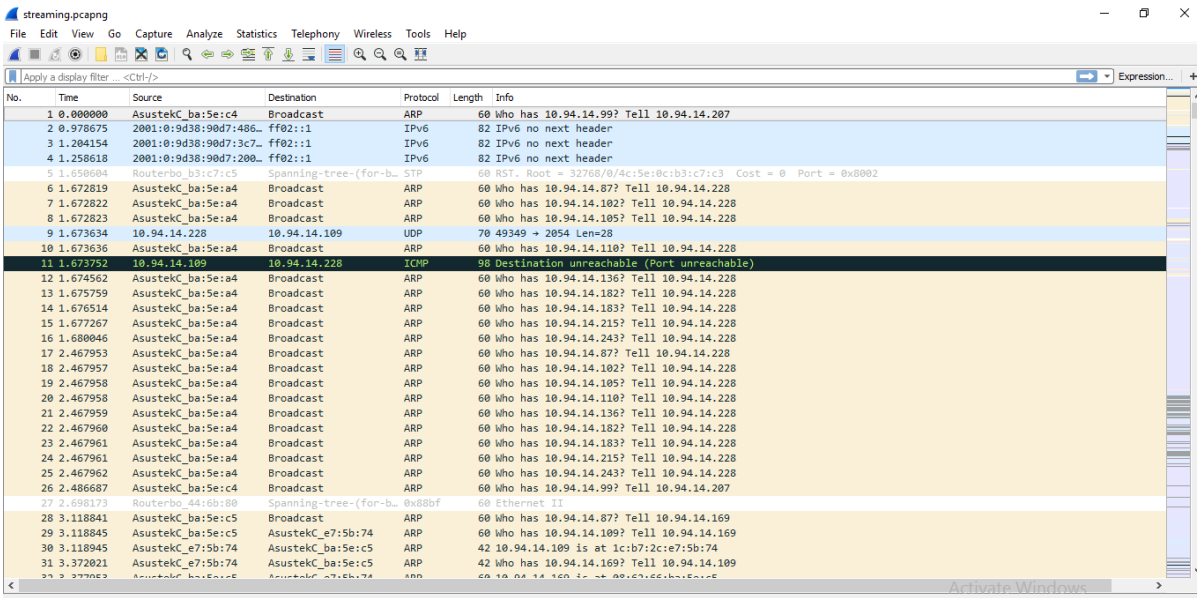
2. Streaming video melalui aplikasi wireshark.

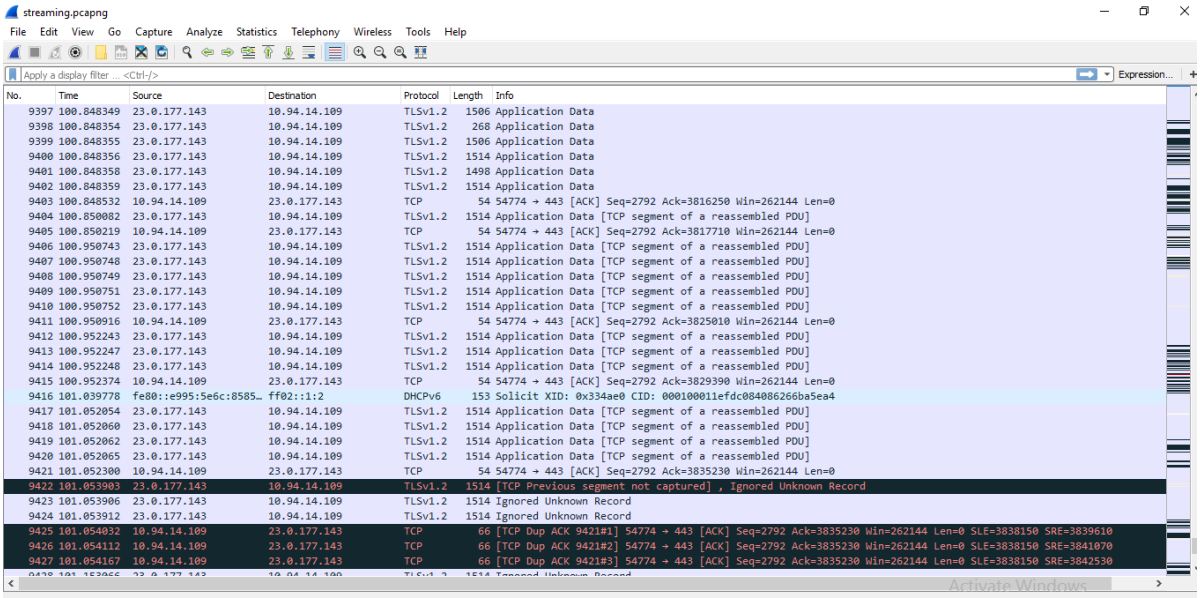
IP source : 10.94.14.109

IP Destination : 23.0.177.143

MAC Source : (1c:b7:2c:e7:5b:74)

MAC Destination : (d4:ca:6d:44:6b;80)





SOURCE	
IP	INFO
23.0.177.143	54774 → 443 [ACK] Seq=2792 Ack=3817710 Win=262144 Len=0
10.94.14.109	Application Data [TCP segment of a reassembled PDU]
10.94.14.109	Encrypted Heartbeat, Ignored Unknown Record
130.211.37.21	Application Data
10.94.14.109	New Session Ticket, Change Cipher Spec, Encrypted Handshake Message

DESTINATION	
IP	INFO
130.211.37.21	Application Data
74.125.24.113	443 → 54760 [ACK] Seq=913 Ack=2015 Win=48384 Len=0
10.94.14.109	Client Hello
106.10.198.33	Server Hello
54.230.156.60	New Session Ticket, Change Cipher Spec, Encrypted Handshake Message

1.Browsing data melalui CMD.

Command Prompt

```
Microsoft Windows [Version 10.0.14393]
(c) 2016 Microsoft Corporation. All rights reserved.

C:\Users\ASUS X453SA>netstat -a

Active Connections

  Proto  Local Address          Foreign Address        State
  TCP    0.0.0.0:135            DESKTOP-6Q502CS:0      LISTENING
  TCP    0.0.0.0:445            DESKTOP-6Q502CS:0      LISTENING
  TCP    0.0.0.0:2508           DESKTOP-6Q502CS:0      LISTENING
  TCP    0.0.0.0:5357           DESKTOP-6Q502CS:0      LISTENING
  TCP    0.0.0.0:49664          DESKTOP-6Q502CS:0      LISTENING
  TCP    0.0.0.0:49665          DESKTOP-6Q502CS:0      LISTENING
  TCP    0.0.0.0:49666          DESKTOP-6Q502CS:0      LISTENING
  TCP    0.0.0.0:49667          DESKTOP-6Q502CS:0      LISTENING
  TCP    0.0.0.0:49668          DESKTOP-6Q502CS:0      LISTENING
  TCP    0.0.0.0:49669          DESKTOP-6Q502CS:0      LISTENING
  TCP    0.0.0.0:53228          DESKTOP-6Q502CS:0      LISTENING
  TCP    10.94.14.109:139       DESKTOP-6Q502CS:0      LISTENING
  TCP    10.94.14.109:54475     203.190.242.59:https   TIME_WAIT
  TCP    10.94.14.109:54532     74.125.24.113:https    ESTABLISHED
  TCP    10.94.14.109:54562     203.190.242.187:https  TIME_WAIT
  TCP    10.94.14.109:54563     203.190.242.187:https  TIME_WAIT
  TCP    10.94.14.109:54564     203.190.242.172:https  TIME_WAIT
  TCP    10.94.14.109:54565     203.190.242.172:https  TIME_WAIT
  TCP    10.94.14.109:54566     203.190.242.172:https  TIME_WAIT
  TCP    10.94.14.109:54567     203.190.242.172:https  TIME_WAIT
  TCP    10.94.14.109:54568     203.190.242.172:https  TIME_WAIT
  TCP    10.94.14.109:54569     203.190.242.172:https  TIME_WAIT
```

Command Prompt

```
  TCP    0.0.0.0:49667          DESKTOP-6Q502CS:0      LISTENING
  TCP    0.0.0.0:49668          DESKTOP-6Q502CS:0      LISTENING
  TCP    0.0.0.0:49669          DESKTOP-6Q502CS:0      LISTENING
  TCP    0.0.0.0:53228          DESKTOP-6Q502CS:0      LISTENING
  TCP    10.94.14.109:139       DESKTOP-6Q502CS:0      LISTENING
  TCP    10.94.14.109:54475     203.190.242.59:https   TIME_WAIT
  TCP    10.94.14.109:54532     74.125.24.113:https    ESTABLISHED
  TCP    10.94.14.109:54562     203.190.242.187:https  TIME_WAIT
  TCP    10.94.14.109:54563     203.190.242.187:https  TIME_WAIT
  TCP    10.94.14.109:54564     203.190.242.172:https  TIME_WAIT
  TCP    10.94.14.109:54565     203.190.242.172:https  TIME_WAIT
  TCP    10.94.14.109:54566     203.190.242.172:https  TIME_WAIT
  TCP    10.94.14.109:54567     203.190.242.172:https  TIME_WAIT
  TCP    10.94.14.109:54568     203.190.242.172:https  TIME_WAIT
  TCP    10.94.14.109:54569     203.190.242.172:https  TIME_WAIT
  TCP    10.94.14.109:54570     203.190.242.102:https  TIME_WAIT
  TCP    10.94.14.109:54571     203.190.242.102:https  TIME_WAIT
  TCP    10.94.14.109:54572     103.49.221.122:https   TIME_WAIT
  TCP    10.94.14.109:54573     103.49.221.122:https   TIME_WAIT
  TCP    10.94.14.109:54574     203.190.242.102:https  TIME_WAIT
  TCP    10.94.14.109:54575     103.49.221.115:https   TIME_WAIT
  TCP    10.94.14.109:54576     103.49.221.115:https   TIME_WAIT
  TCP    10.94.14.109:54577     203.190.242.102:https  TIME_WAIT
  TCP    10.94.14.109:54578     203.190.242.102:https  TIME_WAIT
  TCP    10.94.14.109:54579     203.190.242.102:https  TIME_WAIT
  TCP    10.94.14.109:54580     103.49.221.249:https   TIME_WAIT
  TCP    10.94.14.109:54581     103.49.221.249:https   TIME_WAIT
^C
C:\Users\ASUS X453SA>
```

2. Stearming video melalui CMD.

Command Prompt

```
Microsoft Windows [Version 10.0.14393]
(c) 2016 Microsoft Corporation. All rights reserved.

C:\Users\ASUS X453SA>netstat -a

Active Connections

  Proto  Local Address          Foreign Address        State
  TCP    0.0.0.0:135            DESKTOP-6Q502CS:0      LISTENING
  TCP    0.0.0.0:445            DESKTOP-6Q502CS:0      LISTENING
  TCP    0.0.0.0:2508           DESKTOP-6Q502CS:0      LISTENING
  TCP    0.0.0.0:5357           DESKTOP-6Q502CS:0      LISTENING
  TCP    0.0.0.0:49664          DESKTOP-6Q502CS:0      LISTENING
  TCP    0.0.0.0:49665          DESKTOP-6Q502CS:0      LISTENING
  TCP    0.0.0.0:49666          DESKTOP-6Q502CS:0      LISTENING
  TCP    0.0.0.0:49667          DESKTOP-6Q502CS:0      LISTENING
  TCP    0.0.0.0:49668          DESKTOP-6Q502CS:0      LISTENING
  TCP    0.0.0.0:49669          DESKTOP-6Q502CS:0      LISTENING
  TCP    0.0.0.0:53228          DESKTOP-6Q502CS:0      LISTENING
  TCP    10.94.14.109:139       DESKTOP-6Q502CS:0      LISTENING
  TCP    10.94.14.109:54867     kul09s01-in-f3:https   TIME_WAIT
  TCP    10.94.14.109:55022     a-0001:https           ESTABLISHED
  TCP    10.94.14.109:55024     kul09s01-in-f3:http    ESTABLISHED
  TCP    10.94.14.109:55025     kul09s01-in-f3:http    ESTABLISHED
  TCP    10.94.14.109:55026     kul09s01-in-f3:https   ESTABLISHED
  TCP    10.94.14.109:55027     74.125.24.156:https    ESTABLISHED
  TCP    10.94.14.109:55028     74.125.24.156:https    ESTABLISHED
  TCP    10.94.14.109:55029     74.125.24.94:https     ESTABLISHED
  TCP    10.94.14.109:55030     74.125.24.94:https     ESTABLISHED
  TCP    10.94.14.109:55031     74.125.24.132:https    ESTABLISHED
```

Command Prompt

```
  Proto  Local Address          Foreign Address        State
  TCP    0.0.0.0:135            DESKTOP-6Q502CS:0      LISTENING
  TCP    0.0.0.0:445            DESKTOP-6Q502CS:0      LISTENING
  TCP    0.0.0.0:2508           DESKTOP-6Q502CS:0      LISTENING
  TCP    0.0.0.0:5357           DESKTOP-6Q502CS:0      LISTENING
  TCP    0.0.0.0:49664          DESKTOP-6Q502CS:0      LISTENING
  TCP    0.0.0.0:49665          DESKTOP-6Q502CS:0      LISTENING
  TCP    0.0.0.0:49666          DESKTOP-6Q502CS:0      LISTENING
  TCP    0.0.0.0:49667          DESKTOP-6Q502CS:0      LISTENING
  TCP    0.0.0.0:49668          DESKTOP-6Q502CS:0      LISTENING
  TCP    0.0.0.0:49669          DESKTOP-6Q502CS:0      LISTENING
  TCP    0.0.0.0:53228          DESKTOP-6Q502CS:0      LISTENING
  TCP    10.94.14.109:139       DESKTOP-6Q502CS:0      LISTENING
  TCP    10.94.14.109:54867     kul09s01-in-f3:https   TIME_WAIT
  TCP    10.94.14.109:55022     a-0001:https           ESTABLISHED
  TCP    10.94.14.109:55024     kul09s01-in-f3:http    ESTABLISHED
  TCP    10.94.14.109:55025     kul09s01-in-f3:http    ESTABLISHED
  TCP    10.94.14.109:55026     kul09s01-in-f3:https   ESTABLISHED
  TCP    10.94.14.109:55027     74.125.24.156:https    ESTABLISHED
  TCP    10.94.14.109:55028     74.125.24.156:https    ESTABLISHED
  TCP    10.94.14.109:55029     74.125.24.94:https     ESTABLISHED
  TCP    10.94.14.109:55030     74.125.24.94:https     ESTABLISHED
  TCP    10.94.14.109:55031     74.125.24.132:https    ESTABLISHED
  TCP    10.94.14.109:55032     74.125.24.132:https    ESTABLISHED
  TCP    10.94.14.109:55033     74.125.24.94:https     ESTABLISHED
  TCP    10.94.14.109:55034     74.125.24.94:https     ESTABLISHED
^C
C:\Users\ASUS X453SA>
```