

Nama Kelompok : Uhuy Squad

Anggota Kelompok :

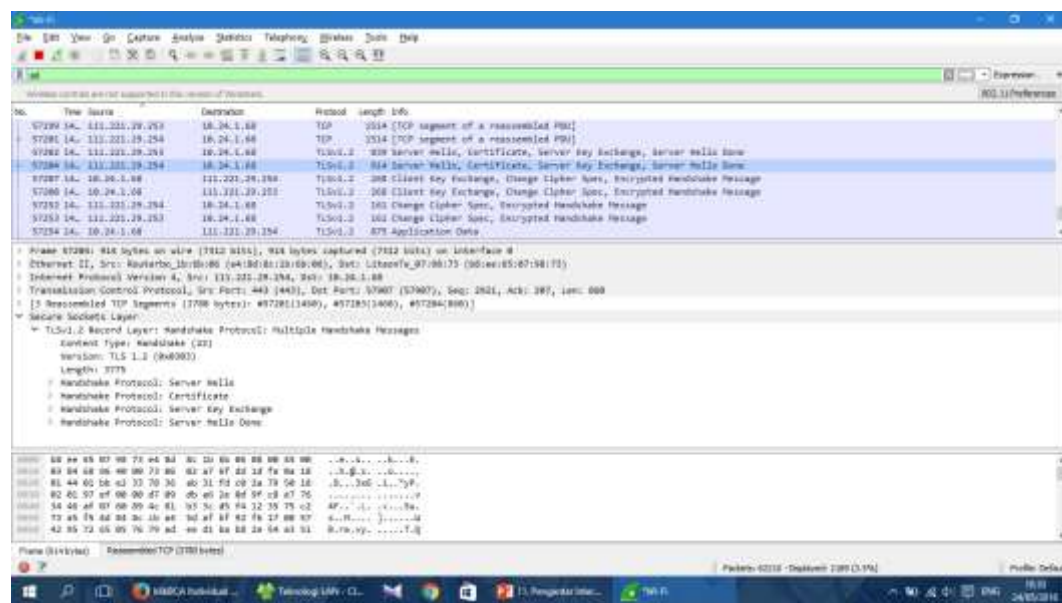
1. Ferliesha Yuni Hartanti
2. Harry Agung Saputra
3. Mohamad Ilham

Wireshark : HTTPS(SSL/TLS)

IP Source : 10.24.1.68

IP Destination : 111.221.29.254

1. Server Hello



2. Client Key Exchange

The screenshot shows a Wireshark packet capture of an SSL/TLS handshake. The packet list on the left shows packets 57299 through 57354. Packet 57303 is selected, showing details for the TLSv1.2 Record Layer, Handshake Protocol, Client Key Exchange. The packet length is 208 bytes. The details pane shows the following structure:

- Handshake Protocol: Client Key Exchange (208 bytes)
- Version: TLS 1.2 (0x0003)
- Length: 160
- Change Cipher Spec: Change Cipher Spec (208 bytes)
- Version: TLS 1.2 (0x0003)
- Length: 1
- Change Cipher Spec Message

The packet bytes pane shows the raw data of the packet, including the TLSv1.2 Record Layer and the Handshake Protocol.

3. Change Cipher Spec

The screenshot shows a Wireshark packet capture of an SSL/TLS handshake. The packet list on the left shows packets 57299 through 57354. Packet 57304 is selected, showing details for the TLSv1.2 Record Layer, Handshake Protocol, Change Cipher Spec. The packet length is 161 bytes. The details pane shows the following structure:

- Handshake Protocol: Change Cipher Spec (161 bytes)
- Version: TLS 1.2 (0x0003)
- Length: 1
- Change Cipher Spec Message

The packet bytes pane shows the raw data of the packet, including the TLSv1.2 Record Layer and the Handshake Protocol.

4. Application Data

The screenshot displays the Wireshark interface with a network capture of TLSv1.2 traffic. The packet list on the left shows a single packet, #1, which is a TLSv1.2 1307 Application Data packet. The packet details pane on the right shows the structure of the TLS record, including the TLSv1.2 Record Layer, Application Data (235), and the encrypted application data. The packet bytes pane at the bottom shows the raw hex and ASCII data of the captured packet.

Packet List:

No.	Time	Source	Destination	Protocol	Length	Info
0	0.000000	192.168.1.100	192.168.1.101	TCP	60	65535 → 8080 [RST] Seq=192.168.1.100
1	0.000000	192.168.1.100	192.168.1.101	TLSv1.2	1307	TLSv1.2 1307 Application Data

Packet Details:

- Frame 1 (1307 bytes on wire (1046 bytes), 1046 bytes captured (800 bytes) on interface 0**
- Ethernet II, Src: VMwareX86_00:0C:29:00:00:00, Dst: VMwareX86_00:0C:29:00:00:00**
- Internet Protocol Version 4, Src: 192.168.1.100, Dst: 192.168.1.101**
- Transmission Control Protocol, Src Port: 65535, Dst Port: 8080, Seq: 192.168.1.100, Len: 1046**
- Secure Sockets Layer**
 - TLSv1.2 Record Layer: Application Data (1046)**
 - Content Type: Application Data (235)**
 - Version: TLS 1.2 (0x0303)**
 - Length: 1046**
 - Encrypted Application Data: 0x00000000000000000000000000000000...**

Packet Bytes:

```

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  ...
0001  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  ...
0002  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  ...
0003  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  ...
0004  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  ...
0005  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  ...
0006  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  ...
0007  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  ...
0008  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  ...
0009  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  ...
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  ...
0011  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  ...
0012  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  ...
0013  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  ...
0014  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  ...
0015  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  ...
0016  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  ...
0017  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  ...
0018  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  ...
0019  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  ...
0020  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  ...
0021  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  ...
0022  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  ...
0023  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  ...
0024  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  ...
0025  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  ...
0026  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  ...
0027  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  ...
0028  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  ...
0029  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  ...
0030  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  ...
0031  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  ...
0032  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  ...
0033  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  ...
0034  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  ...
0035  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  ...
0036  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  ...
0037  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  ...
0038  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  ...
0039  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  ...
0040  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  ...
0041  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  ...
0042  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  ...
0043  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  ...
0044  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  ...
0045  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  ...
0046  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  ...
0047  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  ...
0048  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  ...
0049  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  ...
0050  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  ...
0051  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  ...
0052  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  ...
0053  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  ...
0054  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  ...
0055  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  ...
0056  00
```