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LAMPIRAN

Lampiran 1 paket ICMP yang diterima *victim* pada AP SMAEL_HUMAS

The screenshot shows a list of 20 ICMP Echo (ping) requests in the packet list pane. Each entry includes a sequence number, time, source IP (192.168.0.100), destination IP (192.168.0.104), protocol (ICMP), and length (60). The packet details pane shows the structure of an ICMP Echo request, including the type (8), code (0), and the 32-bit identifier and sequence number fields.

Lampiran 2 paket TCP yang diterima *victim* pada AP SMAEL_HUMAS

The screenshot displays a list of 20 TCP packets in the packet list pane. The source IP is consistently 192.168.0.100 and the destination is 192.168.0.104. The packets are identified as 'Data' (seq=1000000000) and 'Data' (seq=1000000000). The packet details pane shows the TCP header with flags (RST, ACK) and the sequence and acknowledgment numbers.

Lampiran 3 paket UDP yang diterima *victim* pada AP SMAEL_HUMAS

The screenshot shows a list of 20 UDP packets in the packet list pane. The source IP is 192.168.0.100 and the destination is 192.168.0.104. The packets are identified as 'Data' (len=100). The packet details pane shows the UDP header with the length field set to 100.

Lampiran 7 paket ICMP yang diterima *victim* pada AP SMAN_11_PKP

No.	Time	Source	Destination	Protocol	Length	Info
1.	1.8242	192.168.0.107	192.168.0.100	ICMP	84	Echo (ping) request id=0
2.	1.8243	192.168.0.107	192.168.0.100	ICMP	84	Echo (ping) request id=1
3.	1.8244	192.168.0.107	192.168.0.100	ICMP	84	Echo (ping) request id=2
4.	1.8245	192.168.0.107	192.168.0.100	ICMP	84	Echo (ping) request id=3
5.	1.8246	192.168.0.107	192.168.0.100	ICMP	84	Echo (ping) request id=4
6.	1.8247	192.168.0.107	192.168.0.100	ICMP	84	Echo (ping) request id=5
7.	1.8248	192.168.0.107	192.168.0.100	ICMP	84	Echo (ping) request id=6
8.	1.8249	192.168.0.107	192.168.0.100	ICMP	84	Echo (ping) request id=7
9.	1.8250	192.168.0.107	192.168.0.100	ICMP	84	Echo (ping) request id=8
10.	1.8251	192.168.0.107	192.168.0.100	ICMP	84	Echo (ping) request id=9
11.	1.8252	192.168.0.107	192.168.0.100	ICMP	84	Echo (ping) request id=10
12.	1.8253	192.168.0.107	192.168.0.100	ICMP	84	Echo (ping) request id=11
13.	1.8254	192.168.0.107	192.168.0.100	ICMP	84	Echo (ping) request id=12
14.	1.8255	192.168.0.107	192.168.0.100	ICMP	84	Echo (ping) request id=13
15.	1.8256	192.168.0.107	192.168.0.100	ICMP	84	Echo (ping) request id=14
16.	1.8257	192.168.0.107	192.168.0.100	ICMP	84	Echo (ping) request id=15
17.	1.8258	192.168.0.107	192.168.0.100	ICMP	84	Echo (ping) request id=16
18.	1.8259	192.168.0.107	192.168.0.100	ICMP	84	Echo (ping) request id=17
19.	1.8260	192.168.0.107	192.168.0.100	ICMP	84	Echo (ping) request id=18
20.	1.8261	192.168.0.107	192.168.0.100	ICMP	84	Echo (ping) request id=19
21.	1.8262	192.168.0.107	192.168.0.100	ICMP	84	Echo (ping) request id=20
22.	1.8263	192.168.0.107	192.168.0.100	ICMP	84	Echo (ping) request id=21
23.	1.8264	192.168.0.107	192.168.0.100	ICMP	84	Echo (ping) request id=22
24.	1.8265	192.168.0.107	192.168.0.100	ICMP	84	Echo (ping) request id=23
25.	1.8266	192.168.0.107	192.168.0.100	ICMP	84	Echo (ping) request id=24
26.	1.8267	192.168.0.107	192.168.0.100	ICMP	84	Echo (ping) request id=25
27.	1.8268	192.168.0.107	192.168.0.100	ICMP	84	Echo (ping) request id=26
28.	1.8269	192.168.0.107	192.168.0.100	ICMP	84	Echo (ping) request id=27
29.	1.8270	192.168.0.107	192.168.0.100	ICMP	84	Echo (ping) request id=28
30.	1.8271	192.168.0.107	192.168.0.100	ICMP	84	Echo (ping) request id=29
31.	1.8272	192.168.0.107	192.168.0.100	ICMP	84	Echo (ping) request id=30
32.	1.8273	192.168.0.107	192.168.0.100	ICMP	84	Echo (ping) request id=31

Lampiran 8 paket TCP yang diterima *victim* pada AP SMAN_11_PKP

No.	Time	Source	Destination	Protocol	Length	Info
1.	1.8214	192.168.0.107	192.168.0.100	TCP	60	RST Seq=1021280000 Win=0 Len=0
2.	1.8215	192.168.0.107	192.168.0.100	TCP	60	RST Seq=1021280000 Win=0 Len=0
3.	1.8216	192.168.0.107	192.168.0.100	TCP	60	RST Seq=1021280000 Win=0 Len=0
4.	1.8217	192.168.0.107	192.168.0.100	TCP	60	RST Seq=1021280000 Win=0 Len=0
5.	1.8218	192.168.0.107	192.168.0.100	TCP	60	RST Seq=1021280000 Win=0 Len=0
6.	1.8219	192.168.0.107	192.168.0.100	TCP	60	RST Seq=1021280000 Win=0 Len=0
7.	1.8220	192.168.0.107	192.168.0.100	TCP	60	RST Seq=1021280000 Win=0 Len=0
8.	1.8221	192.168.0.107	192.168.0.100	TCP	60	RST Seq=1021280000 Win=0 Len=0
9.	1.8222	192.168.0.107	192.168.0.100	TCP	60	RST Seq=1021280000 Win=0 Len=0
10.	1.8223	192.168.0.107	192.168.0.100	TCP	60	RST Seq=1021280000 Win=0 Len=0
11.	1.8224	192.168.0.107	192.168.0.100	TCP	60	RST Seq=1021280000 Win=0 Len=0
12.	1.8225	192.168.0.107	192.168.0.100	TCP	60	RST Seq=1021280000 Win=0 Len=0
13.	1.8226	192.168.0.107	192.168.0.100	TCP	60	RST Seq=1021280000 Win=0 Len=0
14.	1.8227	192.168.0.107	192.168.0.100	TCP	60	RST Seq=1021280000 Win=0 Len=0
15.	1.8228	192.168.0.107	192.168.0.100	TCP	60	RST Seq=1021280000 Win=0 Len=0
16.	1.8229	192.168.0.107	192.168.0.100	TCP	60	RST Seq=1021280000 Win=0 Len=0
17.	1.8230	192.168.0.107	192.168.0.100	TCP	60	RST Seq=1021280000 Win=0 Len=0
18.	1.8231	192.168.0.107	192.168.0.100	TCP	60	RST Seq=1021280000 Win=0 Len=0
19.	1.8232	192.168.0.107	192.168.0.100	TCP	60	RST Seq=1021280000 Win=0 Len=0
20.	1.8233	192.168.0.107	192.168.0.100	TCP	60	RST Seq=1021280000 Win=0 Len=0

Lampiran 9 paket UDP yang diterima *victim* pada AP SMAN_11_PKP

No.	Time	Source	Destination	Protocol	Length	Info
1.	1.8744	192.168.0.107	192.168.0.100	UDP	80	15505 + 0 Len=0
2.	1.8745	192.168.0.107	192.168.0.100	UDP	80	15506 + 0 Len=0
3.	1.8746	192.168.0.107	192.168.0.100	UDP	80	15507 + 0 Len=0
4.	1.8747	192.168.0.107	192.168.0.100	UDP	80	15508 + 0 Len=0
5.	1.8748	192.168.0.107	192.168.0.100	UDP	80	15509 + 0 Len=0
6.	1.8749	192.168.0.107	192.168.0.100	UDP	80	15510 + 0 Len=0
7.	1.8750	192.168.0.107	192.168.0.100	UDP	80	15511 + 0 Len=0
8.	1.8751	192.168.0.107	192.168.0.100	UDP	80	15512 + 0 Len=0
9.	1.8752	192.168.0.107	192.168.0.100	UDP	80	15513 + 0 Len=0
10.	1.8753	192.168.0.107	192.168.0.100	UDP	80	15514 + 0 Len=0
11.	1.8754	192.168.0.107	192.168.0.100	UDP	80	15515 + 0 Len=0
12.	1.8755	192.168.0.107	192.168.0.100	UDP	80	15516 + 0 Len=0
13.	1.8756	192.168.0.107	192.168.0.100	UDP	80	15517 + 0 Len=0
14.	1.8757	192.168.0.107	192.168.0.100	UDP	80	15518 + 0 Len=0
15.	1.8758	192.168.0.107	192.168.0.100	UDP	80	15519 + 0 Len=0
16.	1.8759	192.168.0.107	192.168.0.100	UDP	80	15520 + 0 Len=0
17.	1.8760	192.168.0.107	192.168.0.100	UDP	80	15521 + 0 Len=0
18.	1.8761	192.168.0.107	192.168.0.100	UDP	80	15522 + 0 Len=0
19.	1.8762	192.168.0.107	192.168.0.100	UDP	80	15523 + 0 Len=0
20.	1.8763	192.168.0.107	192.168.0.100	UDP	80	15524 + 0 Len=0
21.	1.8764	192.168.0.107	192.168.0.100	UDP	80	15525 + 0 Len=0
22.	1.8765	192.168.0.107	192.168.0.100	UDP	80	15526 + 0 Len=0
23.	1.8766	192.168.0.107	192.168.0.100	UDP	80	15527 + 0 Len=0
24.	1.8767	192.168.0.107	192.168.0.100	UDP	80	15528 + 0 Len=0
25.	1.8768	192.168.0.107	192.168.0.100	UDP	80	15529 + 0 Len=0
26.	1.8769	192.168.0.107	192.168.0.100	UDP	80	15530 + 0 Len=0
27.	1.8770	192.168.0.107	192.168.0.100	UDP	80	15531 + 0 Len=0
28.	1.8771	192.168.0.107	192.168.0.100	UDP	80	16219 + 0 Len=0
29.	1.8772	192.168.0.107	192.168.0.100	UDP	80	16294 + 0 Len=0
30.	1.8773	192.168.0.107	192.168.0.100	UDP	80	16294 + 0 Len=0
31.	1.8774	192.168.0.107	192.168.0.100	UDP	80	16295 + 0 Len=0
32.	1.8775	192.168.0.107	192.168.0.100	UDP	80	16296 + 0 Len=0
33.	1.8776	192.168.0.107	192.168.0.100	UDP	80	16297 + 0 Len=0

Lampiran 10 hasil *cracking* AP smael5 pada pengujian 2

```

Aircrack-ng 1.7
[00:36:14] 3783176/26357416 keys tested (1721.94 k/s)
Time left: 3 hours, 38 minutes, 29 seconds          14.35%

KEY FOUND! [ sarpras3691 ]

Master Key      : 73 CB C6 DC 0D 2A 41 3D C6 C7 7C AF 3F A9 8D F8
                  65 F8 5F 98 89 DD EC 1F AB BF B3 08 9F 41 0E 92

Transient Key   : 30 03 85 3B 35 80 9D AC 62 F3 38 C5 95 65 D5 2F
                  01 09 2C C7 01 AE 41 0C AF 0C A9 00 00 00 00 00
                  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
                  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

EAPOL HMAC     : 9A 17 92 32 D3 A9 73 58 FD 5D 98 60 6C E5 DD A0

```

Lampiran 11 hasil *cracking* AP smael5 pada pengujian 3

```

Aircrack-ng 1.7
[00:39:25] 3782848/26357416 keys tested (1586.13 k/s)
Time left: 3 hours, 57 minutes, 12 seconds          14.35%

KEY FOUND! [ sarpras3691 ]

Master Key      : 73 CB C6 DC 0D 2A 41 3D C6 C7 7C AF 3F A9 8D F8
                  65 F8 5F 98 89 DD EC 1F AB BF B3 08 9F 41 0E 92

Transient Key   : 30 03 85 3B 35 80 9D AC 62 F3 38 C5 95 65 D5 2F
                  01 09 2C C7 01 AE 41 0C AF 0C A9 00 00 00 00 00
                  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
                  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

EAPOL HMAC     : 9A 17 92 32 D3 A9 73 58 FD 5D 98 60 6C E5 DD A0

```

Lampiran 12 hasil *cracking* AP smael5 pada pengujian 4

```

Aircrack-ng 1.7
[00:43:00] 3782656/26357416 keys tested (1456.98 k/s)
Time left: 4 hours, 18 minutes, 14 seconds          14.35%

KEY FOUND! [ sarpras3691 ]

Master Key      : 73 CB C6 DC 0D 2A 41 3D C6 C7 7C AF 3F A9 8D F8
                  65 F8 5F 98 89 DD EC 1F AB BF B3 08 9F 41 0E 92

Transient Key   : 30 03 85 3B 35 80 9D AC 62 F3 38 C5 95 65 D5 2F
                  01 09 2C C7 01 AE 41 0C AF 0C A9 00 00 00 00 00
                  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
                  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

EAPOL HMAC     : 9A 17 92 32 D3 A9 73 58 FD 5D 98 60 6C E5 DD A0

```

Lampiran 13 hasil *cracking* AP smael5 pada pengujian 5

```

Aircrack-ng 1.7
[00:37:24] 3782744/26357416 keys tested (1669.43 k/s)
Time left: 3 hours, 45 minutes, 22 seconds          14.35%
KEY FOUND! [ sarpras3691 ]

Master Key      : 73 CB C6 DC 0D 2A 41 3D C6 C7 7C AF 3F A9 8D F8
                  65 F8 5F 98 89 DD EC 1F AB BF B3 08 9F 41 0E 92

Transient Key   : 30 03 85 3B 35 80 9D AC 62 F3 38 C5 95 65 D5 2F
                  01 09 2C C7 01 AE 41 0C AF 0C A9 00 00 00 00 00
                  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
                  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

EAPOL HMAC     : 9A 17 92 32 D3 A9 73 58 FD 5D 98 60 6C E5 DD A0

```

Lampiran 14 hasil *cracking* AP SMAEL_HUMAS pada pengujian 2

```

Aircrack-ng 1.7
[00:21:24] 2103168/26357416 keys tested (1664.71 k/s)
Time left: 4 hours, 2 minutes, 49 seconds          7.98%
KEY FOUND! [ humassmael11 ]

Master Key      : AF AC 8E D6 D2 28 B5 00 6B 96 75 AE DB 6F CE C0
                  97 FF 74 0C 3B EA 8F 4B BA FA A2 33 5A BD 38 42

Transient Key   : 17 FA 92 53 2C C1 D5 BF 37 03 8B 26 08 5C 1C 56
                  F2 2B 9C 7F 5F 4B DF B8 BF EF 92 B9 D9 2C E8 A7
                  1D EE 7A 81 C1 6F 47 BF 3B 62 CA BF 15 1D 45 00
                  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

EAPOL HMAC     : 5B 47 E5 9B 19 E9 B7 30 35 0A BC 96 4A F4 DB 57

```

Lampiran 15 hasil *cracking* AP SMAEL_HUMAS pada pengujian 3

```

Aircrack-ng 1.7
[00:23:17] 2103024/26357416 keys tested (1530.25 k/s)
Time left: 4 hours, 24 minutes, 9 seconds          7.98%
KEY FOUND! [ humassmael11 ]

Master Key      : AF AC 8E D6 D2 28 B5 00 6B 96 75 AE DB 6F CE C0
                  97 FF 74 0C 3B EA 8F 4B BA FA A2 33 5A BD 38 42

Transient Key   : 17 FA 92 53 2C C1 D5 BF 37 03 8B 26 08 5C 1C 56
                  F2 2B 9C 7F 5F 4B DF B8 BF EF 92 B9 D9 2C E8 A7
                  1D EE 7A 81 C1 6F 47 BF 3B 62 CA BF 15 1D 45 00
                  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

EAPOL HMAC     : 5B 47 E5 9B 19 E9 B7 30 35 0A BC 96 4A F4 DB 57

```

Lampiran 16 hasil *cracking* AP SMAEL_HUMAS pada pengujian 4

```

Aircrack-ng 1.7
[00:24:05] 2103024/26357416 keys tested (1479.91 k/s)
Time left: 4 hours, 33 minutes, 9 seconds          7.98%
KEY FOUND! [ humassmael11 ]

Master Key      : AF AC 8E D6 D2 28 B5 00 6B 96 75 AE DB 6F CE C0
                  97 FF 74 0C 3B EA 8F 4B BA FA A2 33 5A BD 38 42

Transient Key   : 17 FA 92 53 2C C1 D5 BF 37 03 8B 26 08 5C 1C 56
                  F2 2B 9C 7F 5F 4B DF B8 BF EF 92 B9 D9 2C E8 A7
                  1D EE 7A 81 C1 6F 47 BF 3B 62 CA BF 15 1D 45 00
                  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

EAPOL HMAC     : 5B 47 E5 9B 19 E9 B7 30 35 0A BC 96 4A F4 DB 57

```

Lampiran 17 hasil *cracking* AP SMAEL_HUMAS pada pengujian 5

```

Aircrack-ng 1.7
[00:24:29] 2103193/26357416 keys tested (1455.68 k/s)
Time left: 4 hours, 37 minutes, 41 seconds          7.98%
KEY FOUND! [ humassmael11 ]

Master Key      : AF AC 8E D6 D2 28 B5 00 6B 96 75 AE DB 6F CE C0
                  97 FF 74 0C 3B EA 8F 4B BA FA A2 33 5A BD 38 42

Transient Key   : 17 FA 92 53 2C C1 D5 BF 37 03 8B 26 08 5C 1C 56
                  F2 2B 9C 7F 5F 4B DF B8 BF EF 92 B9 D9 2C E8 A7
                  1D EE 7A 81 C1 6F 47 BF 3B 62 CA BF 15 1D 45 00
                  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

EAPOL HMAC     : 5B 47 E5 9B 19 E9 B7 30 35 0A BC 96 4A F4 DB 57

```

Lampiran 18 hasil *cracking* AP SMAEL4 pada pengujian 2

```

Aircrack-ng 1.7
[00:19:42] 1712152/26357416 keys tested (1471.95 k/s)
Time left: 4 hours, 39 minutes, 3 seconds          6.50%
KEY FOUND! [ teamitsmael ]

Master Key      : D8 B3 E6 61 7B 2E F8 29 AC 27 11 69 B2 37 3D 48
                  2F 26 D0 34 43 EB 9A 63 32 4C 46 49 B5 49 9C AD

Transient Key   : 63 20 C0 50 F4 23 65 DD 7A 2A CE C1 AE 8A 47 19
                  5F 20 89 1E E4 BF 4E ED A0 29 66 37 85 D9 C8 53
                  A4 87 B5 30 A5 8D 46 B0 AD 4C 51 DB A6 CF 72 E4
                  D3 6F B7 51 C1 84 C1 2E 81 C9 2A 73 A4 2C BD 12

EAPOL HMAC     : 1C 42 96 11 06 54 D0 A4 87 72 F0 E1 8B 70 5F 69

```


Lampiran 19 hasil *cracking* AP SMAEL4 pada pengujian 3

```

Aircrack-ng 1.7
[00:17:16] 1712208/26357416 keys tested (1679.65 k/s)
Time left: 4 hours, 4 minutes, 32 seconds          6.50%
KEY FOUND! [ teamitsmael ]

Master Key      : D8 B3 E6 61 7B 2E F8 29 AC 27 11 69 B2 37 3D 48
                  2F 26 D0 34 43 EB 9A 63 32 4C 46 49 B5 49 9C AD

Transient Key   : 63 20 C0 50 F4 23 65 DD 7A 2A CE C1 AE 8A 47 19
                  5F 20 89 1E E4 BF 4E ED A0 29 66 37 85 D9 C8 53
                  A4 87 B5 30 A5 8D 46 B0 AD 4C 51 DB A6 CF 72 E4
                  D3 6F B7 51 C1 84 C1 2E 81 C9 2A 73 A4 2C BD 12

EAPOL HMAC     : 1C 42 96 11 06 54 D0 A4 87 72 F0 E1 8B 70 5F 69

```

Lampiran 20 hasil *cracking* AP SMAEL4 pada pengujian 4

```

Aircrack-ng 1.7
[00:17:34] 1711904/26357416 keys tested (1650.67 k/s)
Time left: 4 hours, 8 minutes, 50 seconds          6.49%
KEY FOUND! [ teamitsmael ]

Master Key      : D8 B3 E6 61 7B 2E F8 29 AC 27 11 69 B2 37 3D 48
                  2F 26 D0 34 43 EB 9A 63 32 4C 46 49 B5 49 9C AD

Transient Key   : 63 20 C0 50 F4 23 65 DD 7A 2A CE C1 AE 8A 47 19
                  5F 20 89 1E E4 BF 4E ED A0 29 66 37 85 D9 C8 53
                  A4 87 B5 30 A5 8D 46 B0 AD 4C 51 DB A6 CF 72 E4
                  D3 6F B7 51 C1 84 C1 2E 81 C9 2A 73 A4 2C BD 12

EAPOL HMAC     : 1C 42 96 11 06 54 D0 A4 87 72 F0 E1 8B 70 5F 69

```

Lampiran 21 hasil *cracking* AP SMAEL4 pada pengujian 5

```

Aircrack-ng 1.7
[00:17:25] 1712184/26357416 keys tested (1665.43 k/s)
Time left: 4 hours, 6 minutes, 38 seconds          6.50%
KEY FOUND! [ teamitsmael ]

Master Key      : D8 B3 E6 61 7B 2E F8 29 AC 27 11 69 B2 37 3D 48
                  2F 26 D0 34 43 EB 9A 63 32 4C 46 49 B5 49 9C AD

Transient Key   : 63 20 C0 50 F4 23 65 DD 7A 2A CE C1 AE 8A 47 19
                  5F 20 89 1E E4 BF 4E ED A0 29 66 37 85 D9 C8 53
                  A4 87 B5 30 A5 8D 46 B0 AD 4C 51 DB A6 CF 72 E4
                  D3 6F B7 51 C1 84 C1 2E 81 C9 2A 73 A4 2C BD 12

EAPOL HMAC     : 1C 42 96 11 06 54 D0 A4 87 72 F0 E1 8B 70 5F 69

```

Lampiran 22 hasil *cracking* AP SMAN_11_PKP pada pengujian 2

```

Aircrack-ng 1.7

[00:20:16] 1712424/26357416 keys tested (1432.35 k/s)

Time left: 4 hours, 46 minutes, 46 seconds          6.50%

KEY FOUND! [ smaelit11 ]

Master Key      : 23 82 4C 1C 47 CF 44 20 E8 88 AB A4 FC 5C 6D 92
                  9D 94 3D 11 6A AE 4A E2 0F BE AD 4C 7C 6A AC 88

Transient Key   : 69 44 C9 64 6C 80 FB FF 0A 23 18 93 BF B7 D0 99
                  89 AB 0B 5B 35 54 0F 94 CF E3 99 5D 80 88 63 73
                  5D B1 8B 95 6E 25 A5 C7 27 01 26 4D 13 B5 94 CF
                  52 60 82 1B 8D A0 E3 EA 08 79 01 3C 20 CE D2 C7

EAPOL HMAC     : 7D 34 9E 01 3A B2 76 70 B0 6C 84 15 D0 A3 C6 0F

```

Lampiran 23 hasil *cracking* AP SMAN_11_PKP pada pengujian 3

```

Aircrack-ng 1.7

[00:20:06] 1712512/26357416 keys tested (1444.41 k/s)

Time left: 4 hours, 44 minutes, 22 seconds          6.50%

KEY FOUND! [ smaelit11 ]

Master Key      : 23 82 4C 1C 47 CF 44 20 E8 88 AB A4 FC 5C 6D 92
                  9D 94 3D 11 6A AE 4A E2 0F BE AD 4C 7C 6A AC 88

Transient Key   : 69 44 C9 64 6C 80 FB FF 0A 23 18 93 BF B7 D0 99
                  89 AB 0B 5B 35 54 0F 94 CF E3 99 5D 80 88 63 73
                  5D B1 8B 95 6E 25 A5 C7 27 01 26 4D 13 B5 94 CF
                  52 60 82 1B 8D A0 E3 EA 08 79 01 3C 20 CE D2 C7

EAPOL HMAC     : 7D 34 9E 01 3A B2 76 70 B0 6C 84 15 D0 A3 C6 0F

```

Lampiran 24 hasil *cracking* AP SMAN_11_PKP pada pengujian 4

```

Aircrack-ng 1.7

[00:19:51] 1712544/26357416 keys tested (1460.70 k/s)

Time left: 4 hours, 41 minutes, 11 seconds          6.50%

KEY FOUND! [ smaelit11 ]

Master Key      : 23 82 4C 1C 47 CF 44 20 E8 88 AB A4 FC 5C 6D 92
                  9D 94 3D 11 6A AE 4A E2 0F BE AD 4C 7C 6A AC 88

Transient Key   : 69 44 C9 64 6C 80 FB FF 0A 23 18 93 BF B7 D0 99
                  89 AB 0B 5B 35 54 0F 94 CF E3 99 5D 80 88 63 73
                  5D B1 8B 95 6E 25 A5 C7 27 01 26 4D 13 B5 94 CF
                  52 60 82 1B 8D A0 E3 EA 08 79 01 3C 20 CE D2 C7

EAPOL HMAC     : 7D 34 9E 01 3A B2 76 70 B0 6C 84 15 D0 A3 C6 0F

```

Lampiran 25 hasil *cracking* AP SMAN_11_PKP pada pengujian 5

```

Aircrack-ng 1.7
[00:18:20] 1712632/26357416 keys tested (1582.79 k/s)
Time left: 4 hours, 19 minutes, 30 seconds      6.50%

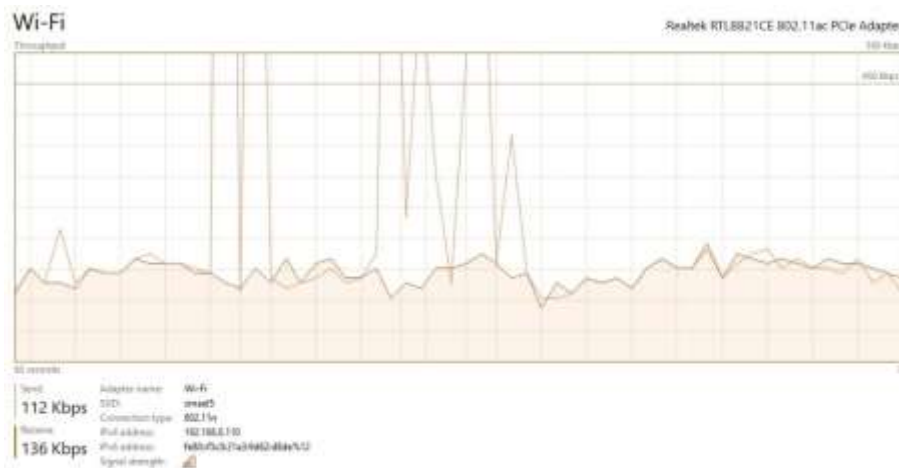
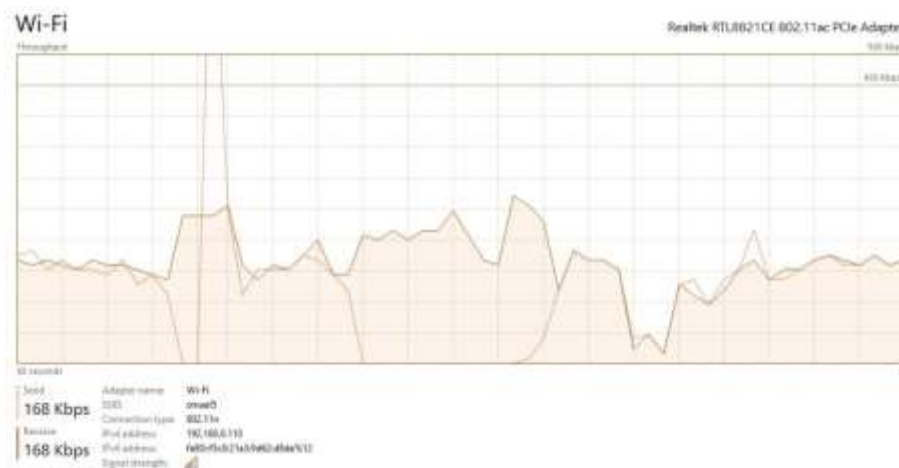
KEY FOUND! [ smaelit11 ]

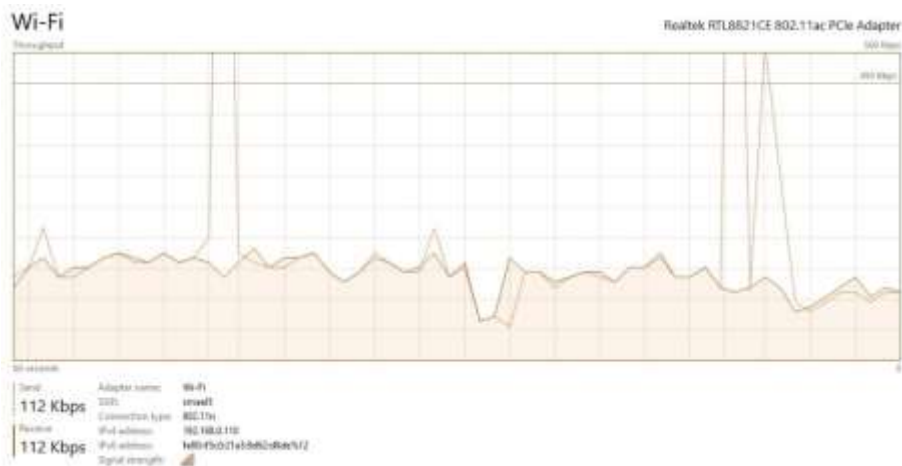
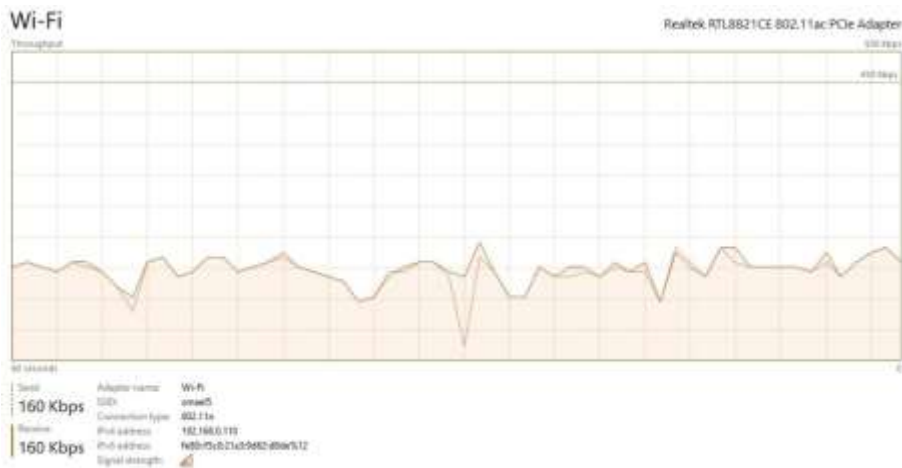
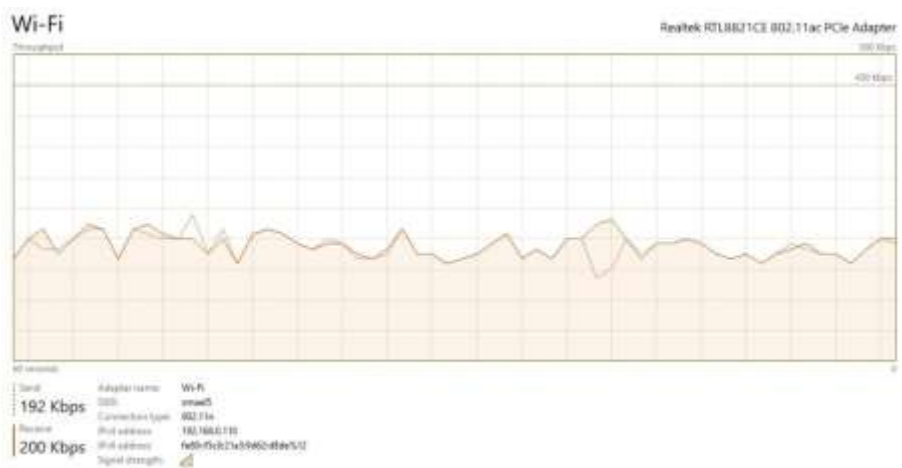
Master Key      : 23 82 4C 1C 47 CF 44 20 E8 88 AB A4 FC 5C 6D 92
                  9D 94 3D 11 6A AE 4A E2 0F BE AD 4C 7C 6A AC 88

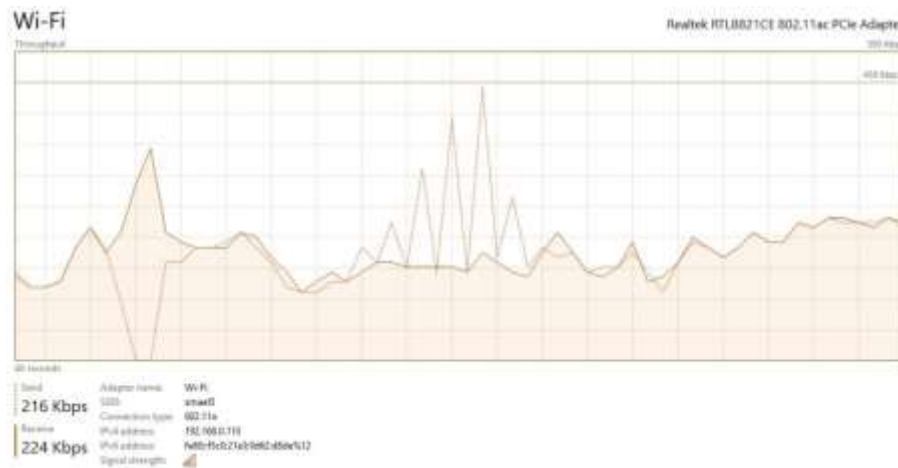
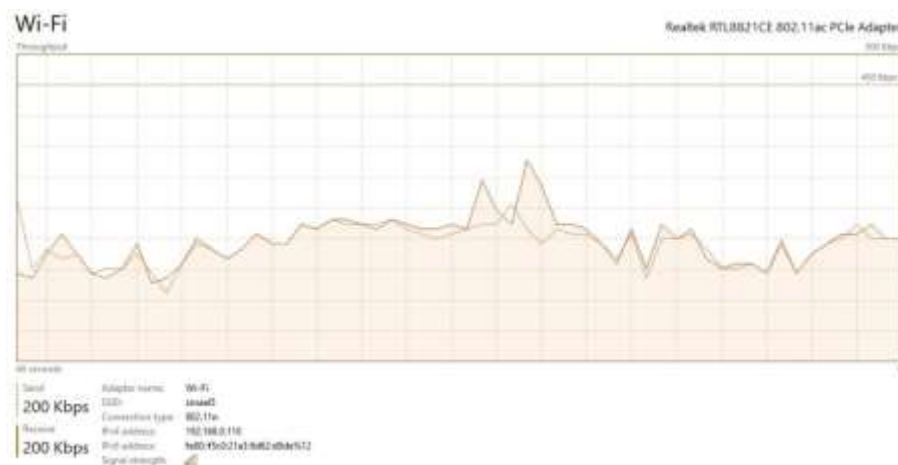
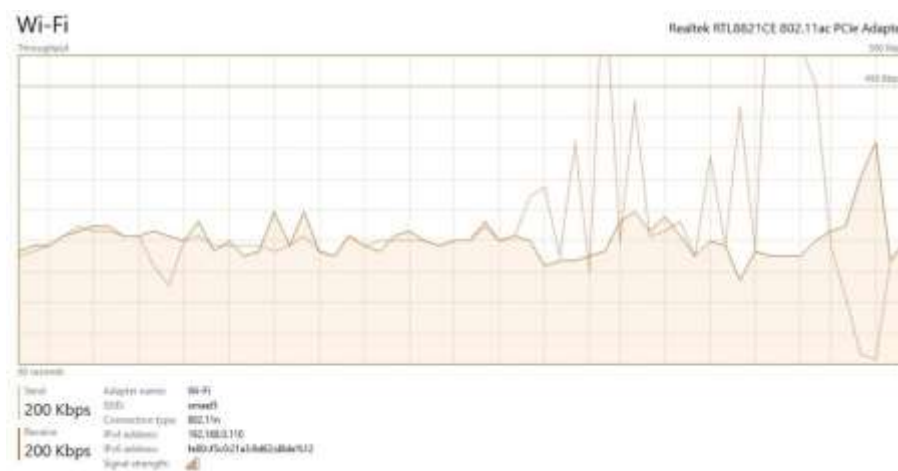
Transient Key   : 69 44 C9 64 6C 80 FB FF 0A 23 18 93 BF B7 D0 99
                  89 AB 0B 5B 35 54 0F 94 CF E3 99 5D 80 88 63 73
                  5D B1 8B 95 6E 25 A5 C7 27 01 26 4D 13 B5 94 CF
                  52 60 82 1B 8D A0 E3 EA 08 79 01 3C 20 CE D2 C7

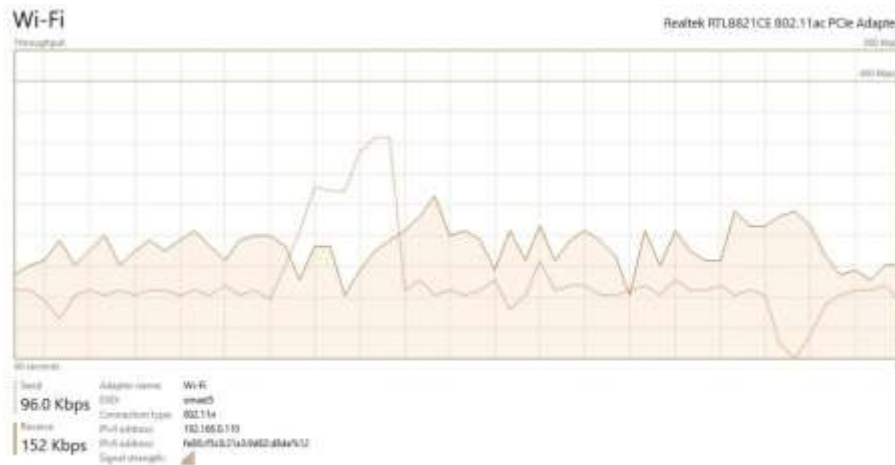
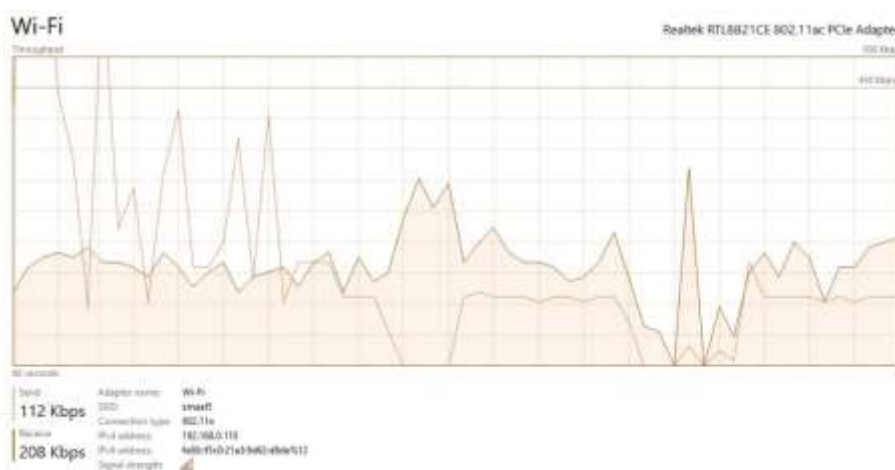
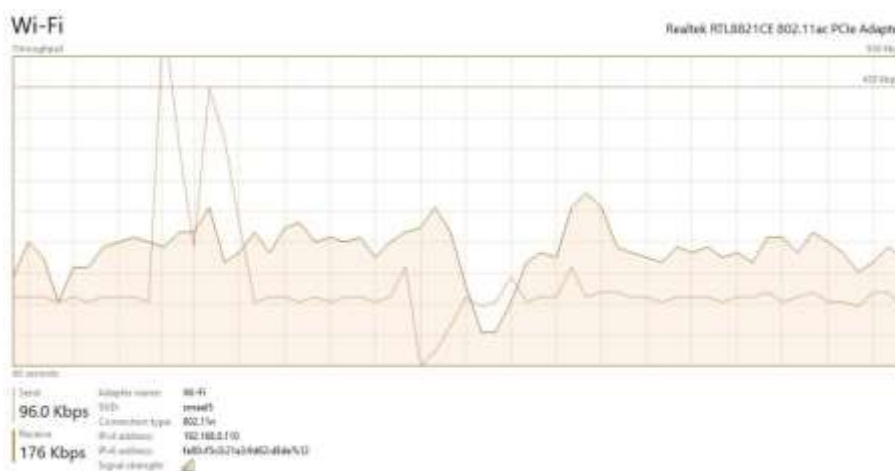
EAPOL HMAC     : 7D 34 9E 01 3A B2 76 70 B0 6C 84 15 D0 A3 C6 0F

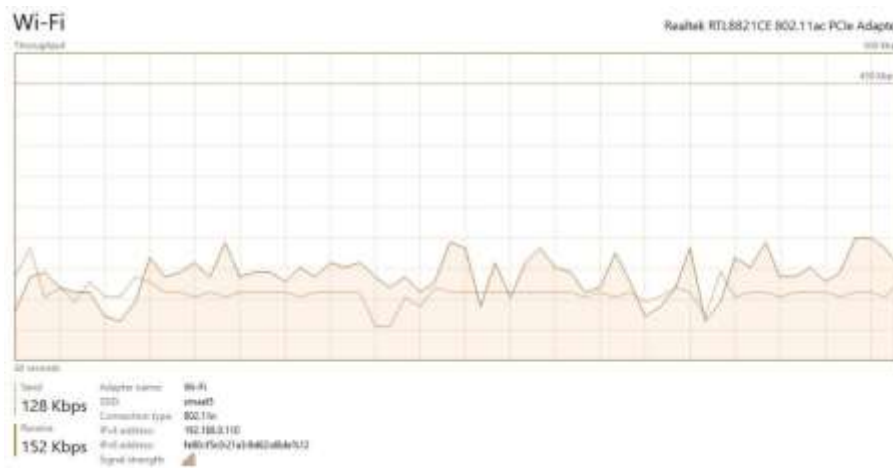
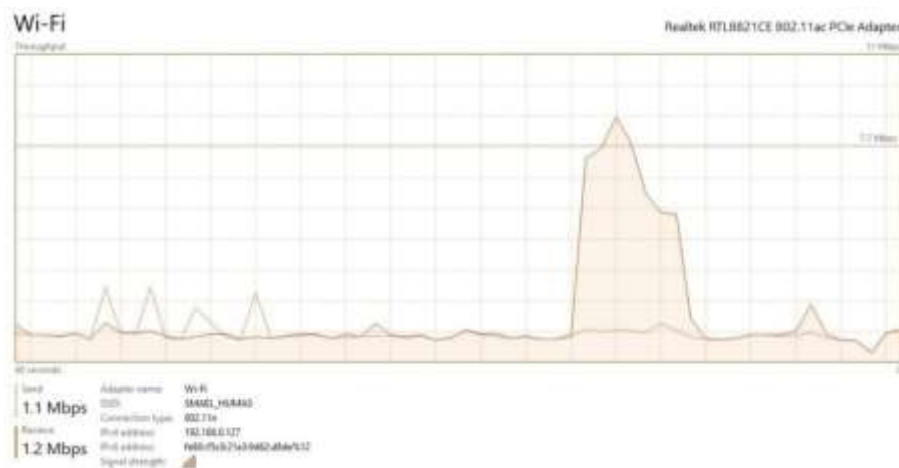
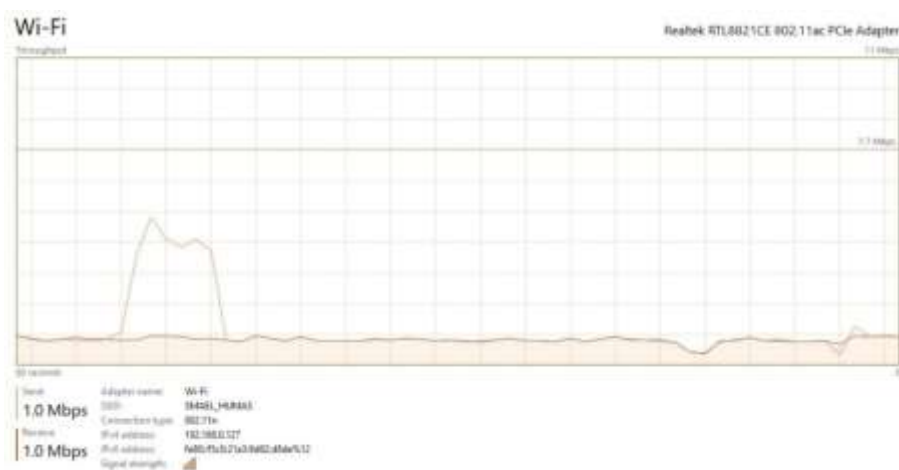
```

Lampiran 26 *Throughput* WiFi pada AP smaelt5 setelah ICMP *flood* pengujian 2Lampiran 27 *Throughput* WiFi pada AP smaelt5 setelah ICMP *flood* pengujian 3

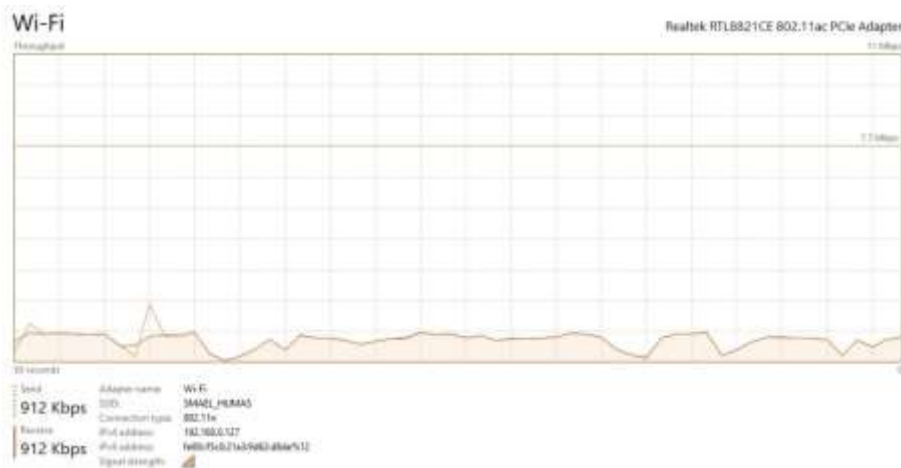
Lampiran 28 *Throughput* WiFi pada AP smael5 setelah ICMP flood pengujian 4Lampiran 29 *Throughput* WiFi pada AP smael5 setelah ICMP flood pengujian 5Lampiran 30 *Throughput* WiFi pada AP smael5 setelah SYN flood pengujian 2

Lampiran 31 *Throughput* WiFi pada AP smael5 setelah SYN flood pengujian 3Lampiran 32 *Throughput* WiFi pada AP smael5 setelah SYN flood pengujian 4Lampiran 33 *Throughput* WiFi pada AP smael5 setelah SYN flood pengujian 5

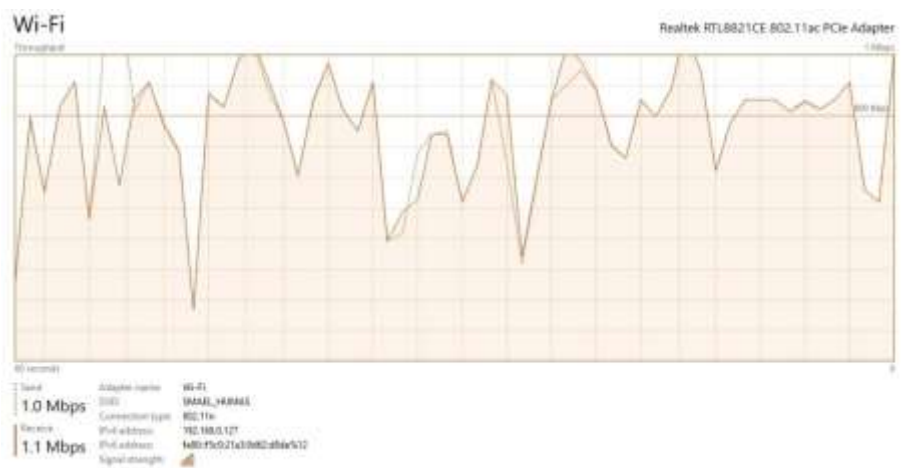
Lampiran 34 *Throughput* WiFi pada AP smael5 setelah UDP *flood* pengujian 2Lampiran 35 *Throughput* WiFi pada AP smael5 setelah UDP *flood* pengujian 3Lampiran 36 *Throughput* WiFi pada AP smael5 setelah UDP *flood* pengujian 4

Lampiran 37 *Throughput* WiFi pada AP smael5 setelah UDP *flood* pengujian 5Lampiran 38 *Throughput* WiFi pada AP SMAEL_HUMAS setelah ICMP *flood* pengujian 2Lampiran 39 *Throughput* WiFi pada AP SMAEL_HUMAS setelah ICMP *flood* pengujian 3

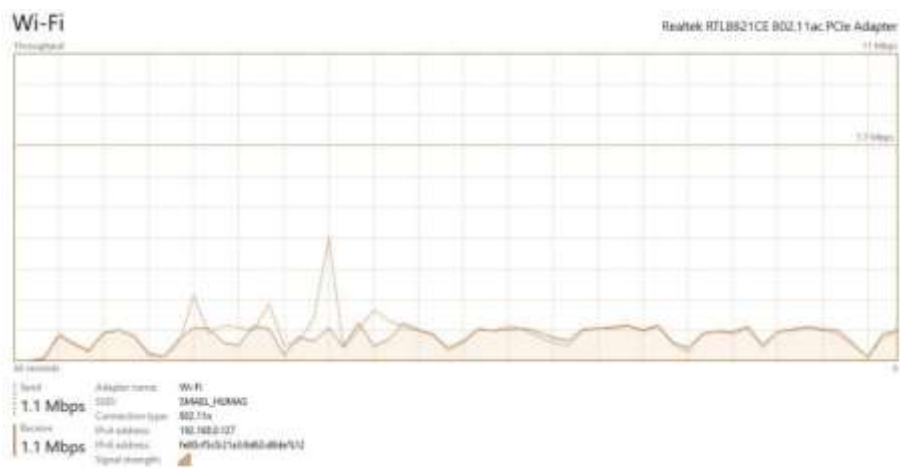
Lampiran 40 *Throughput* WiFi pada AP SMAEL_HUMAS setelah ICMP flood pengujian 4



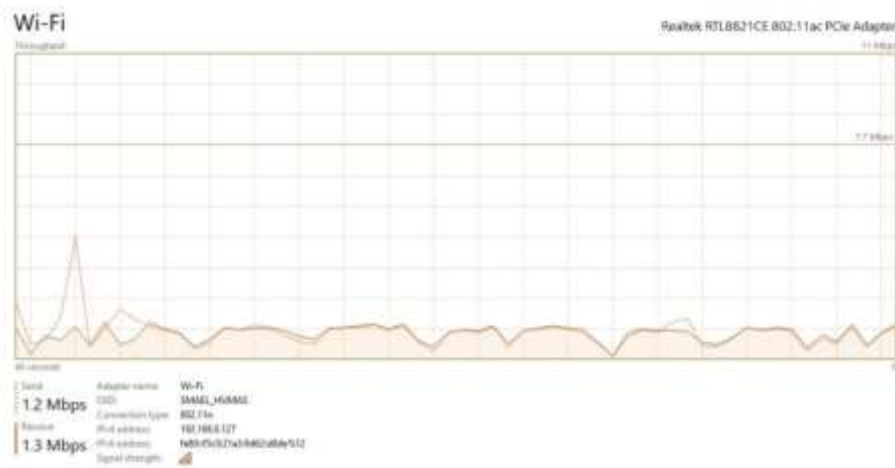
Lampiran 41 *Throughput* WiFi pada AP SMAEL_HUMAS setelah ICMP flood pengujian 5



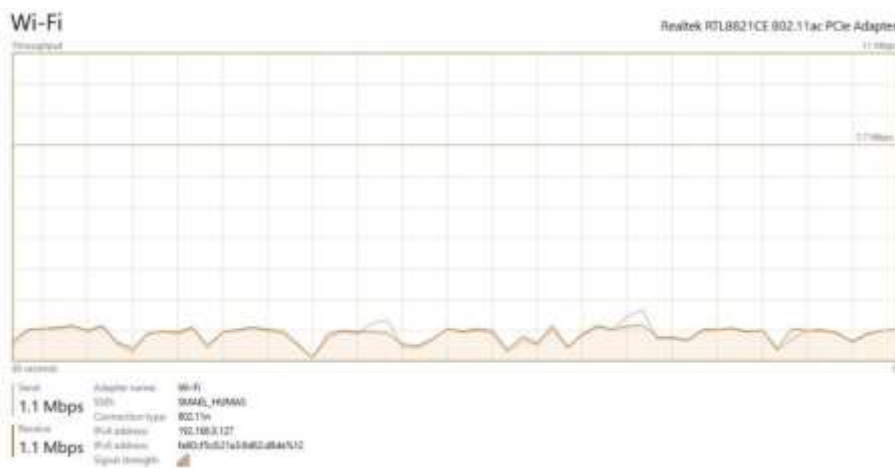
Lampiran 42 *Throughput* WiFi pada AP SMAEL_HUMAS setelah SYN flood pengujian 2



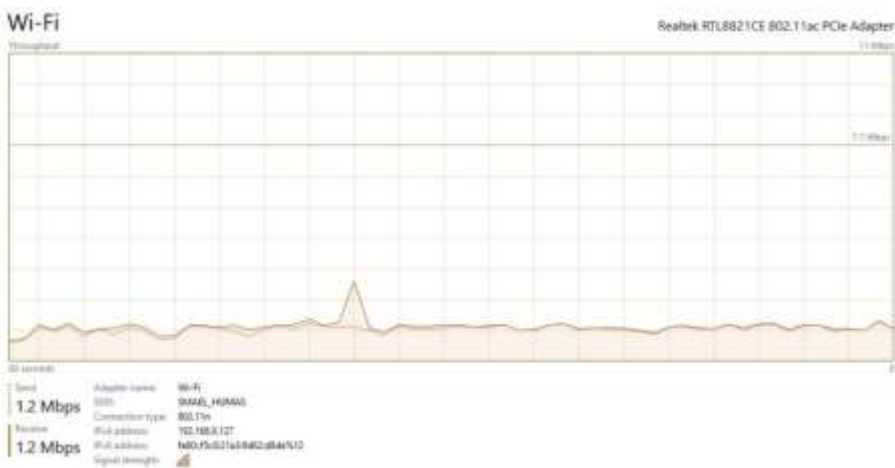
Lampiran 43 *Throughput* WiFi pada AP SMAEL_HUMAS setelah SYN *flood* pengujian 3



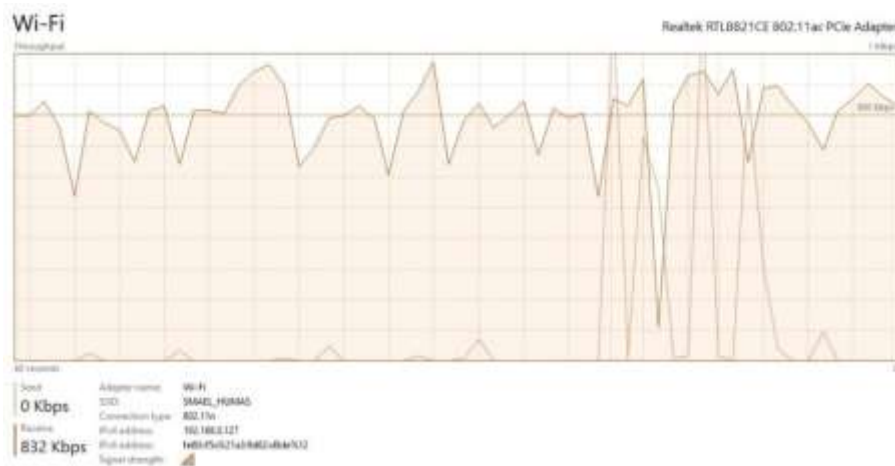
Lampiran 44 *Throughput* WiFi pada AP SMAEL_HUMAS setelah SYN *flood* pengujian 4



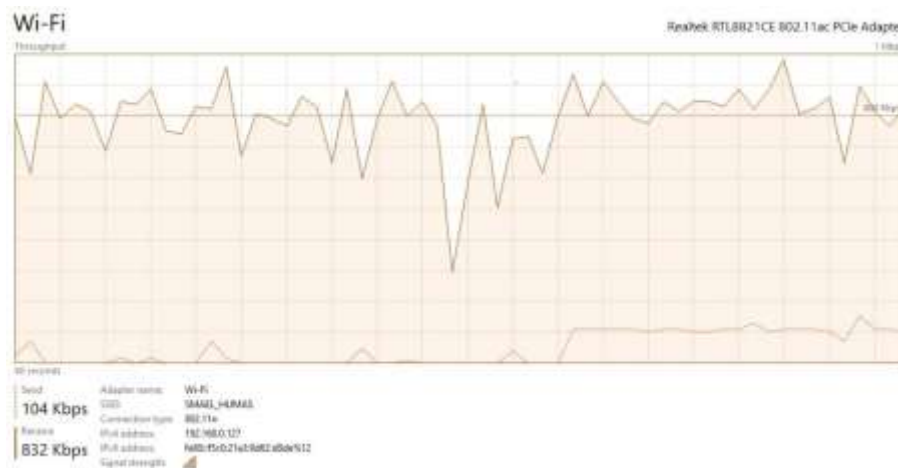
Lampiran 45 *Throughput* WiFi pada AP SMAEL_HUMAS setelah SYN *flood* pengujian 5



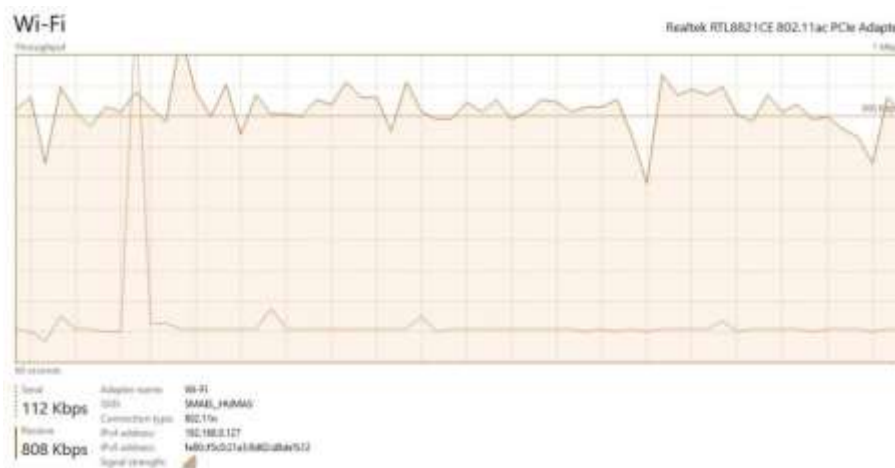
Lampiran 46 *Throughput* WiFi pada AP SMAEL_HUMAS setelah UDP *flood* pengujian 2



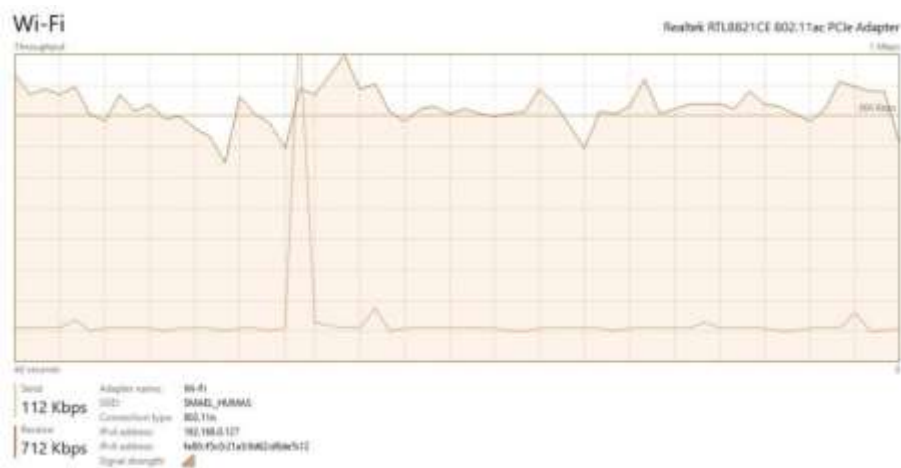
Lampiran 47 *Throughput* WiFi pada AP SMAEL_HUMAS setelah UDP *flood* pengujian 3



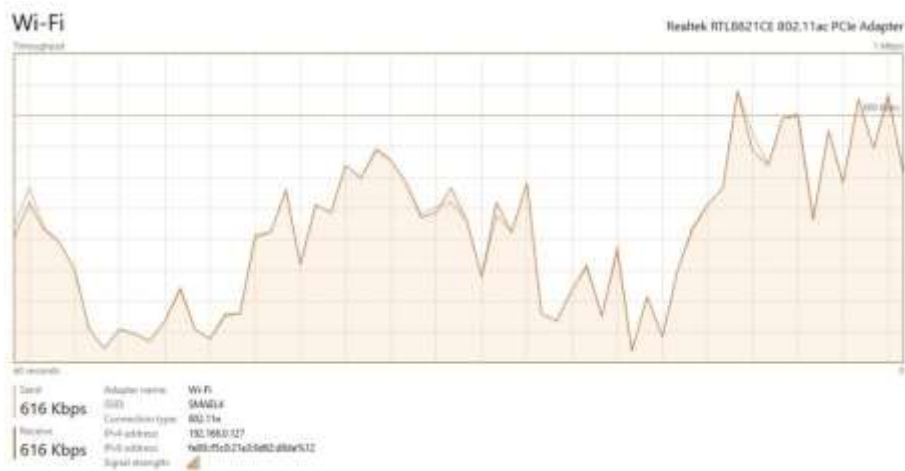
Lampiran 48 *Throughput* WiFi pada AP SMAEL_HUMAS setelah UDP *flood* pengujian 4



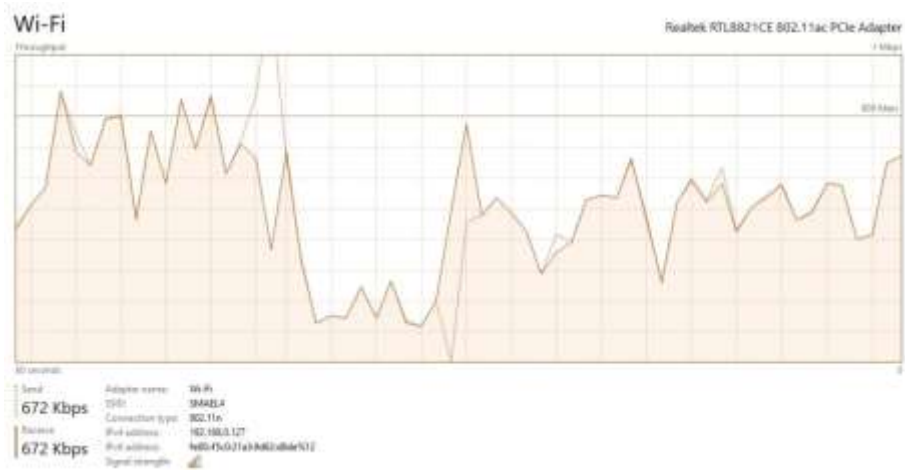
Lampiran 49 *Throughput* WiFi pada AP SMAEL_HUMAS setelah UDP flood pengujian 5

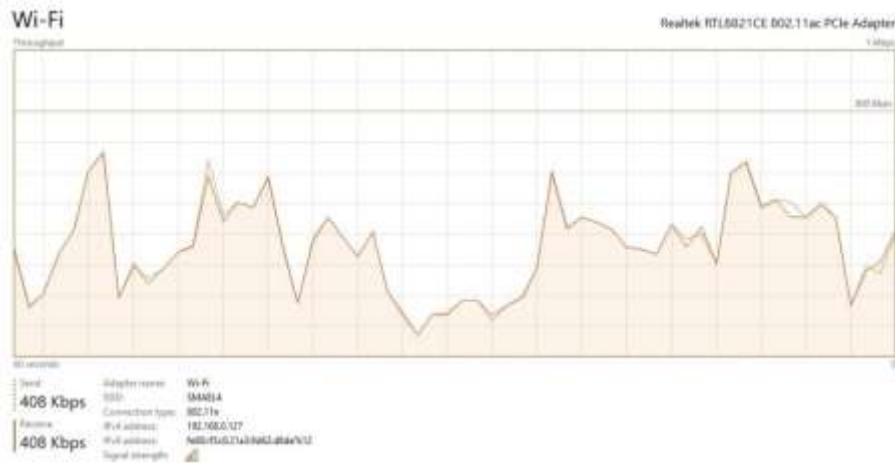
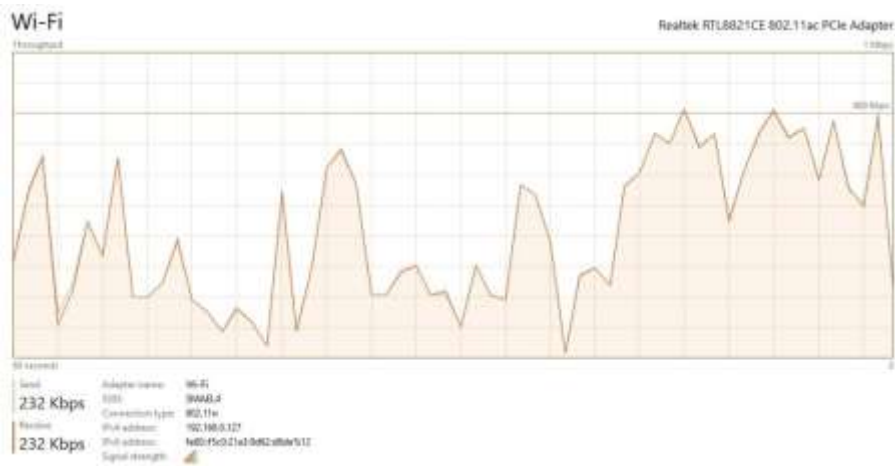
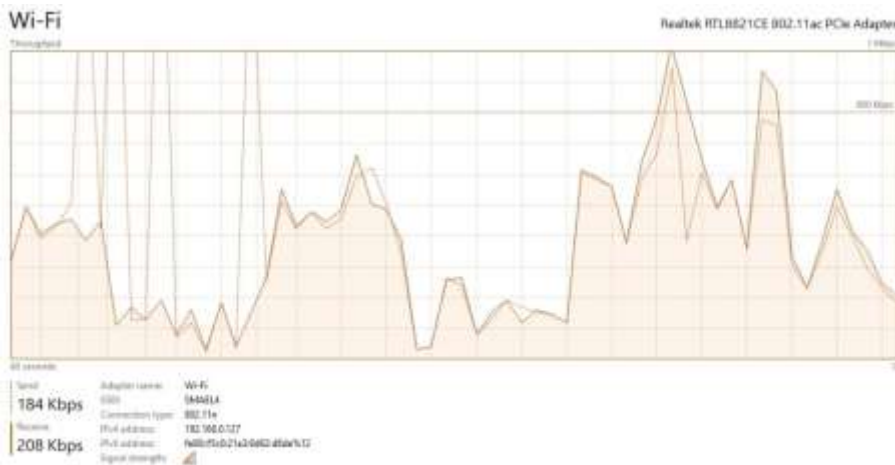


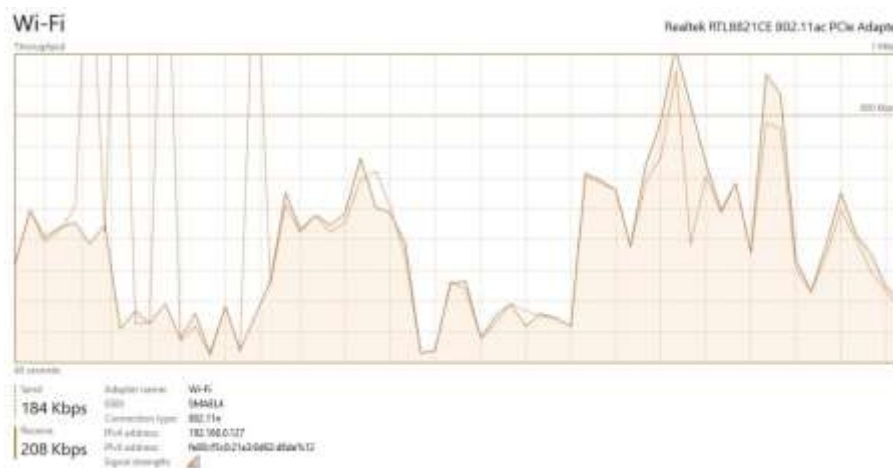
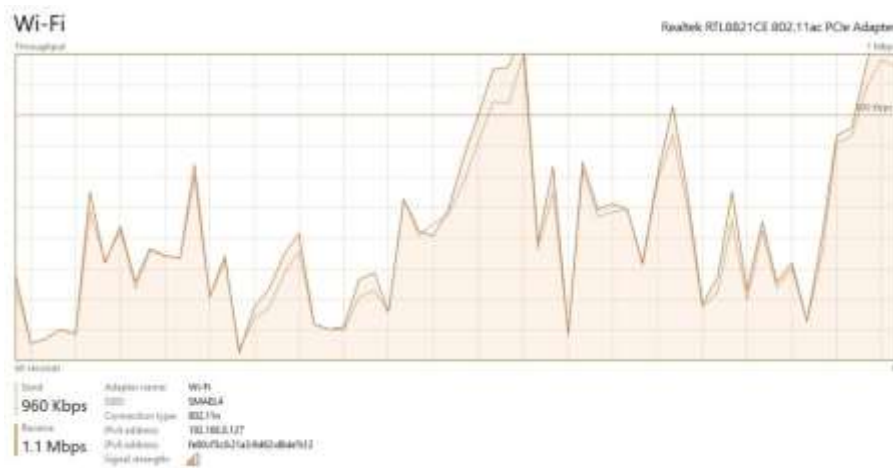
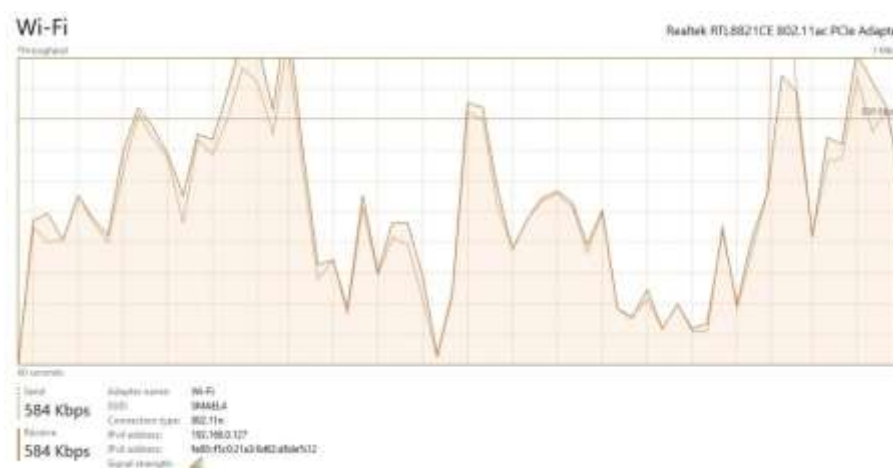
Lampiran 50 *Throughput* WiFi pada AP SMAEL4 setelah ICMP flood pengujian 2

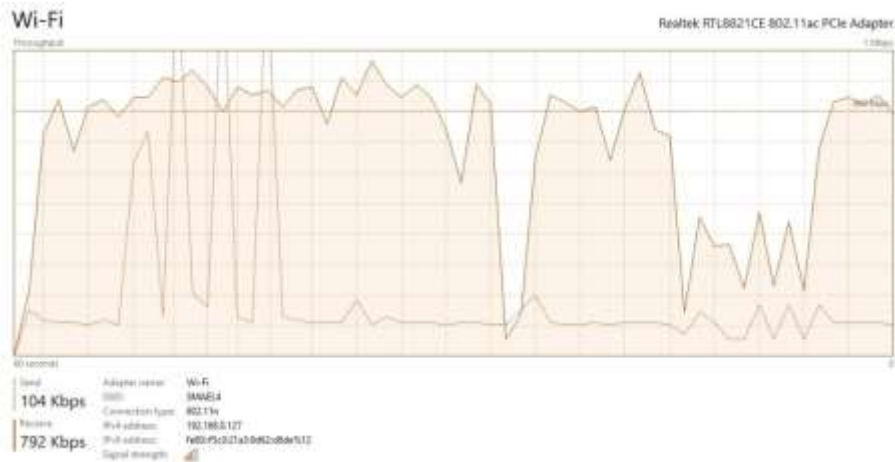
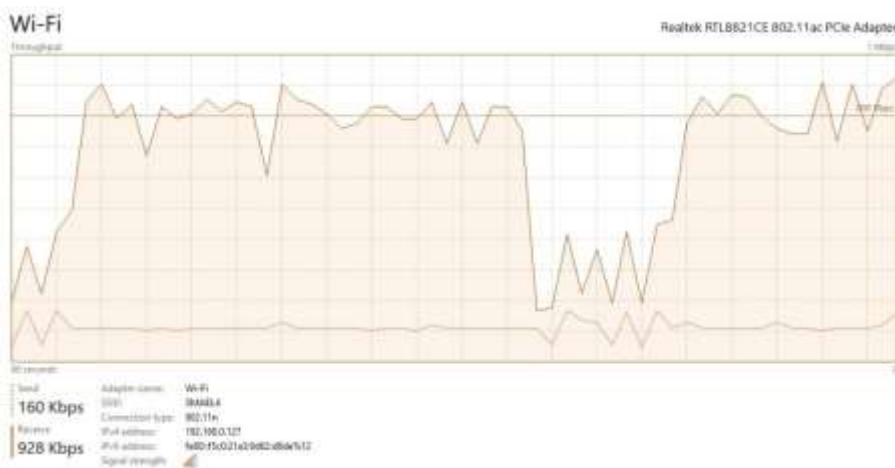
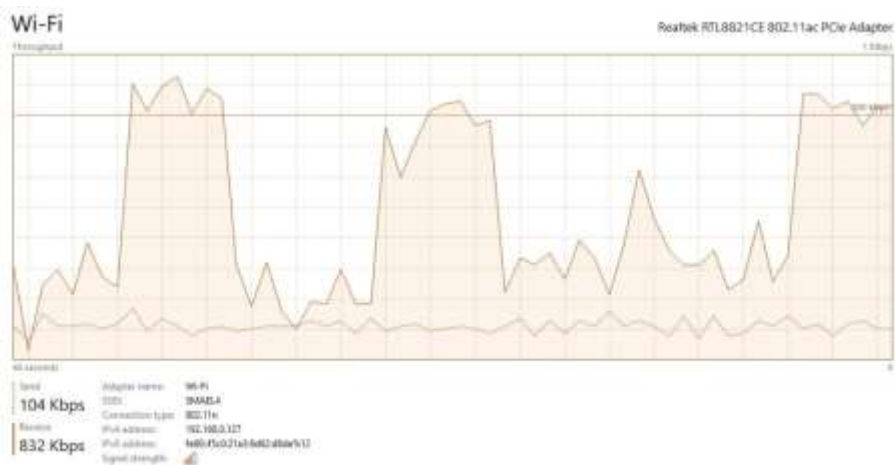


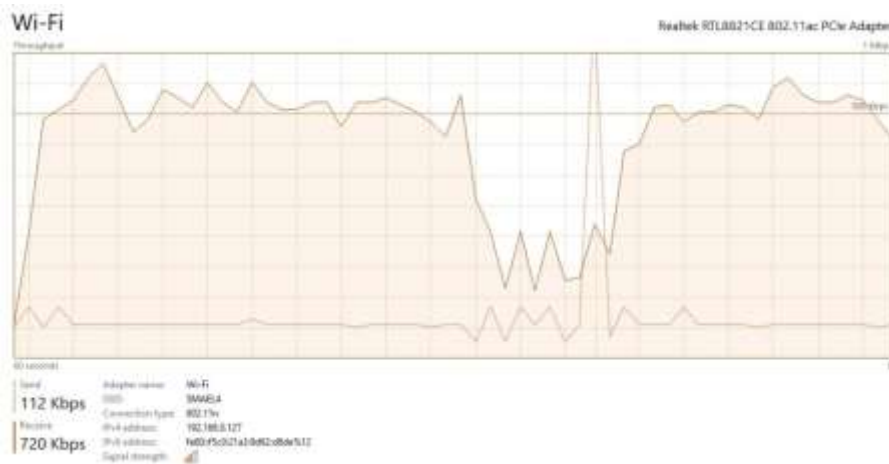
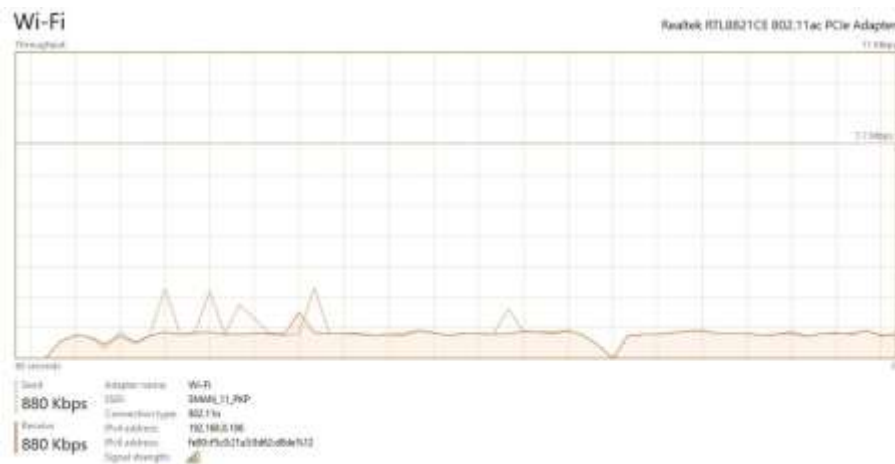
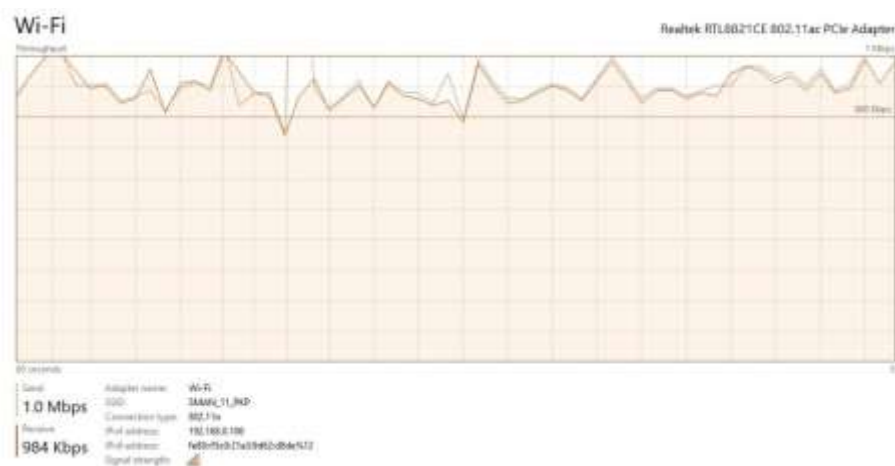
Lampiran 51 *Throughput* WiFi pada AP SMAEL4 setelah ICMP flood pengujian 3



Lampiran 52 *Throughput* WiFi pada AP SMAEL4 setelah ICMP flood pengujian 4Lampiran 53 *Throughput* WiFi pada AP SMAEL4 setelah ICMP flood pengujian 5Lampiran 54 *Throughput* WiFi pada AP SMAEL4 setelah SYN flood pengujian 2

Lampiran 55 *Throughput* WiFi pada AP SMAEL4 setelah SYN flood pengujian 3Lampiran 56 *Throughput* WiFi pada AP SMAEL4 setelah SYN flood pengujian 4Lampiran 57 *Throughput* WiFi pada AP SMAEL4 setelah SYN flood pengujian 5

Lampiran 58 *Throughput* WiFi pada AP SMAEL4 setelah UDP *flood* pengujian 2Lampiran 59 *Throughput* WiFi pada AP SMAEL4 setelah UDP *flood* pengujian 3Lampiran 60 *Throughput* WiFi pada AP SMAEL4 setelah UDP *flood* pengujian 4

Lampiran 61 *Throughput* WiFi pada AP SMAEL4 setelah UDP *flood* pengujian 5Lampiran 62 *Throughput* WiFi pada AP SMAN_11_PKP setelah ICMP *flood* pengujian 2Lampiran 63 *Throughput* WiFi pada AP SMAN_11_PKP setelah ICMP *flood* pengujian 3

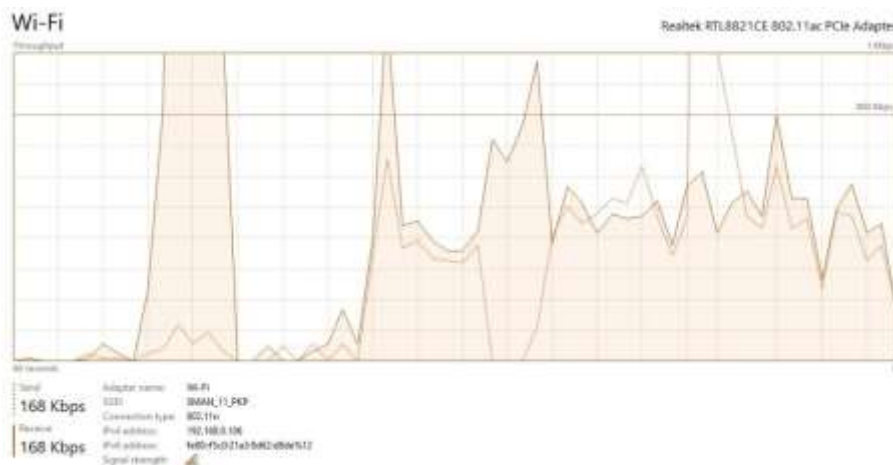
Lampiran 64 *Throughput* WiFi pada AP SMAN_11_PKP setelah ICMP flood pengujian 4



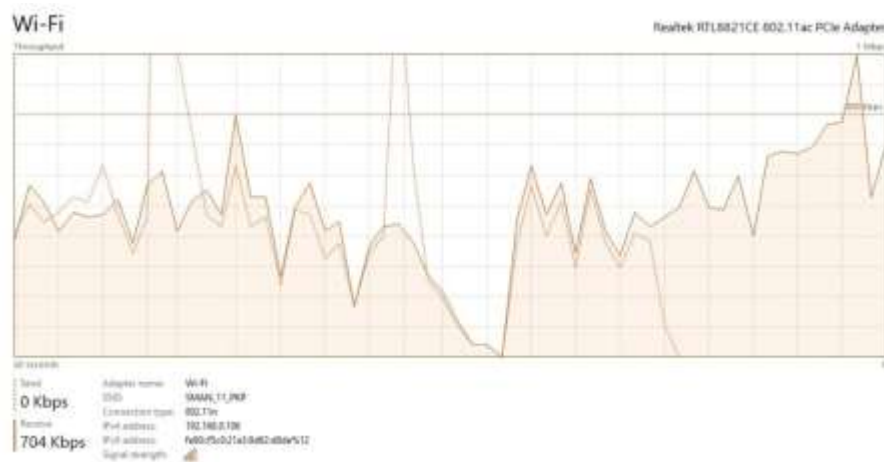
Lampiran 65 *Throughput* WiFi pada AP SMAN_11_PKP setelah ICMP flood pengujian 5



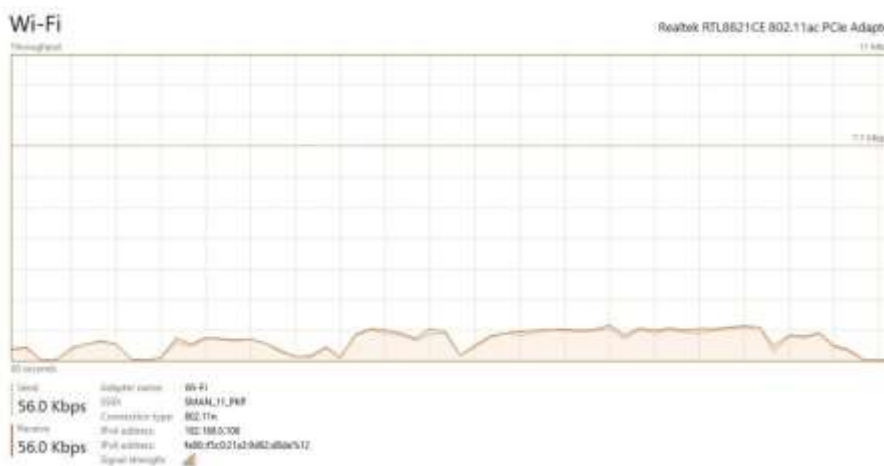
Lampiran 66 *Throughput* WiFi pada AP SMAN_11_PKP setelah SYN flood pengujian 2



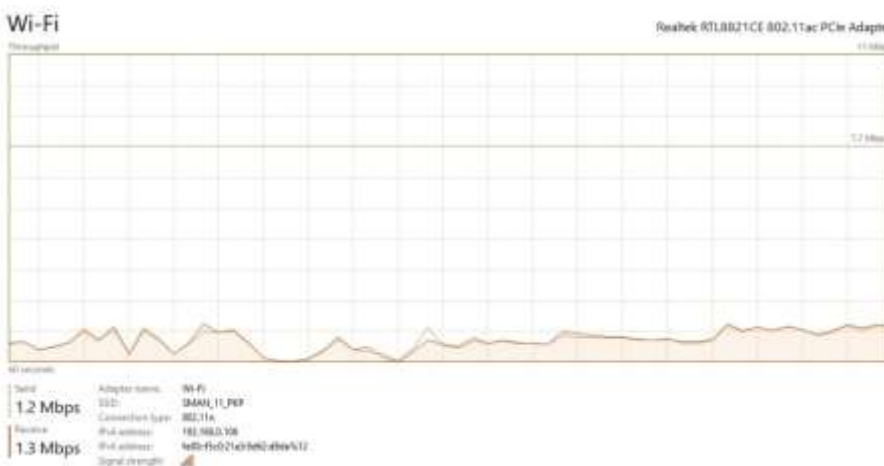
Lampiran 67 *Throughput* WiFi pada AP SMAN_11_PKP setelah SYN *flood* pengujian 3



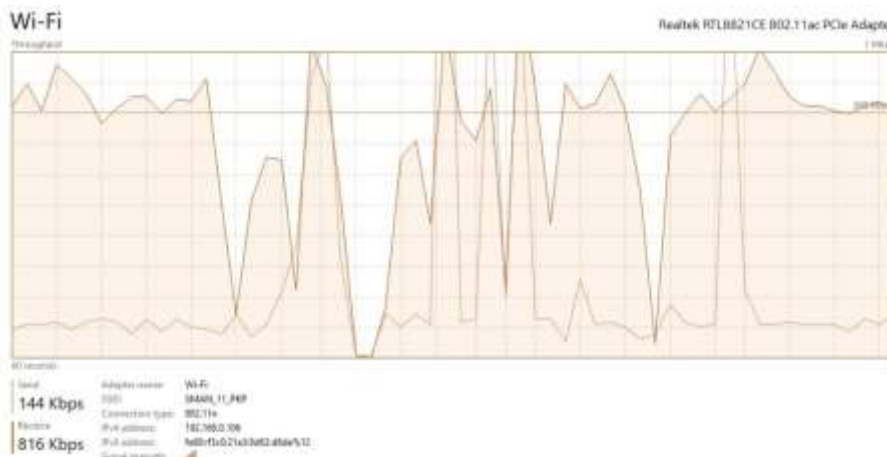
Lampiran 68 *Throughput* WiFi pada AP SMAN_11_PKP setelah SYN *flood* pengujian 4



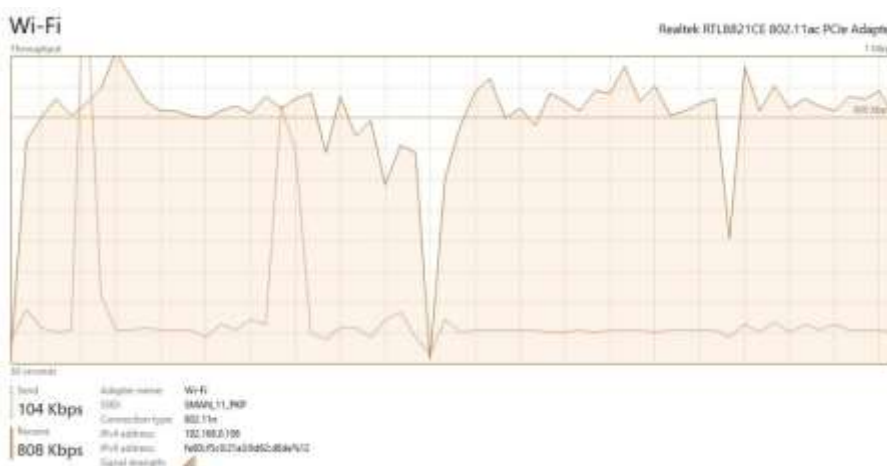
Lampiran 69 *Throughput* WiFi pada AP SMAN_11_PKP setelah SYN *flood* pengujian 5



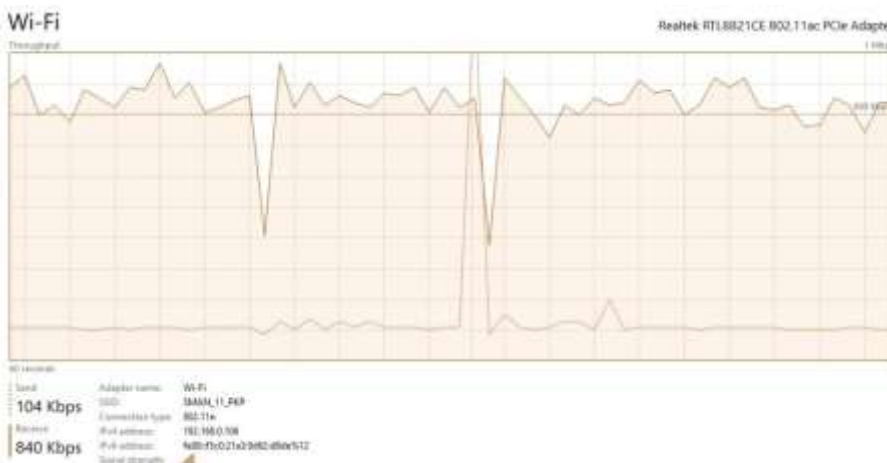
Lampiran 70 *Throughput* WiFi pada AP SMAN_11_PKP setelah UDP *flood* pengujian 2



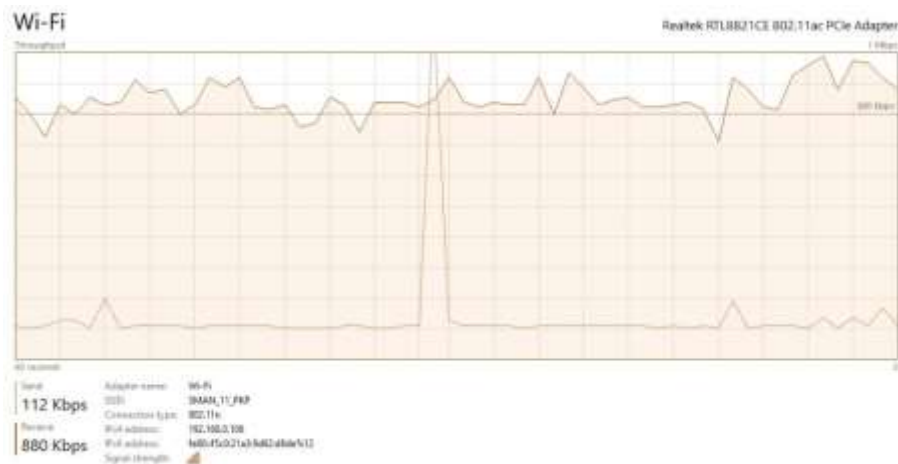
Lampiran 71 *Throughput* WiFi pada AP SMAN_11_PKP setelah UDP *flood* pengujian 3



Lampiran 72 *Throughput* WiFi pada AP SMAN_11_PKP setelah UDP *flood* pengujian 4



Lampiran 73 Throughput WiFi pada AP SMAN_11_PKP setelah UDP flood pengujian 5



Lampiran 74 MAC spoofing AP smaet5 pengujian 2

```
wlan0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>
inet 192.168.0.113 netmask 255.255.255.0
inet6 fe80::d35c:2d63:33ec:d070 prefixlen 64
ether 08:d2:1d:d3:34:a5 txqueuelen 1000
RX packets 135 bytes 25713 (25.1 KiB)
RX errors 0 dropped 0 overruns 0 frame
TX packets 51 bytes 6538 (6.3 KiB)
TX errors 0 dropped 0 overruns 0 carrier

linux@kali: ~
File Actions Edit View Help
[linux@kali] ~
ping google.com
PING google.com (216.239.38.120) 56(84) bytes of data:
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=1 ttl=247 time=48.4
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=2 ttl=247 time=48.1
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=3 ttl=247 time=47.7
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=4 ttl=247 time=47.8
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=5 ttl=247 time=50.5
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=6 ttl=247 time=55.1
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=7 ttl=247 time=44.6
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=8 ttl=247 time=48.9
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=9 ttl=247 time=124.
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=10 ttl=247 time=49.
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=11 ttl=247 time=48.
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=12 ttl=247 time=58.
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=13 ttl=247 time=48.
```

Lampiran 75 MAC spoofing AP smaet5 pengujian 3

```
wlan0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>
inet 192.168.0.113 netmask 255.255.255.0
inet6 fe80::d35c:2d63:33ec:d070 prefixlen 64
ether 08:d2:1d:d3:34:a5 txqueuelen 1000
RX packets 135 bytes 25713 (25.1 KiB)
RX errors 0 dropped 0 overruns 0 frame
TX packets 51 bytes 6538 (6.3 KiB)
TX errors 0 dropped 0 overruns 0 carrier

linux@kali: ~
File Actions Edit View Help
[linux@kali] ~
ping google.com
PING forcesafesearch.google.com (216.239.38.120) 56(84) bytes of data:
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=1 ttl=247 time=54.
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=2 ttl=247 time=49.
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=3 ttl=247 time=47.
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=4 ttl=247 time=45.
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=5 ttl=247 time=48.
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=6 ttl=247 time=48.
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=7 ttl=247 time=45.
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=8 ttl=247 time=54.
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=13 ttl=247 time=49
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=17 ttl=247 time=46
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=18 ttl=247 time=58
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=19 ttl=247 time=45
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=20 ttl=247 time=40
```

Lampiran 76 MAC spoofing AP smael5 pengujian 4

```

wlan0: Flags=4163<UP,BROADCAST,RUNNING,MULTICAST>
inet 192.168.0.113 netmask 255.255.255.0
inet6 fe80::d35:d7d3:33ec:d070 prefixlen 64
ether 80:d2:1d:d3:34:a5 txqueuelen 1000
RX packets 135 bytes 25713 (25.1 KiB)
RX errors 0 dropped 0 overruns 0 frame
TX packets 51 bytes 6530 (6.3 KiB)
TX errors 0 dropped 0 overruns 0 carrier

linux@kali ~
File Actions Edit View Help

(linux@kali)~[+]
$ ping google.com
PING google.com (216.239.38.120) 56(84) bytes of data:
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=1 ttl=247 time=50.6
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=2 ttl=247 time=46.2
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=3 ttl=247 time=60.4
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=6 ttl=247 time=50.5
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=11 ttl=247 time=44.
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=14 ttl=247 time=46.
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=15 ttl=247 time=59.
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=16 ttl=247 time=49.
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=17 ttl=247 time=47.
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=18 ttl=247 time=44.4
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=20 ttl=247 time=47.

```

Lampiran 77 MAC spoofing AP smael5 pengujian 5

```

wlan0: Flags=4163<UP,BROADCAST,RUNNING,MULTICAST>
inet 192.168.0.113 netmask 255.255.255.0
inet6 fe80::d35:d7d3:33ec:d070 prefixlen 64
ether 80:d2:1d:d3:34:a5 txqueuelen 1000
RX packets 135 bytes 25713 (25.1 KiB)
RX errors 0 dropped 0 overruns 0 frame
TX packets 51 bytes 6530 (6.3 KiB)
TX errors 0 dropped 0 overruns 0 carrier

linux@kali ~
File Actions Edit View Help

(linux@kali)~[+]
$ ping google.com
PING forcosafesearch.google.com (216.239.38.120) 56(84) bytes of data:
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=1 ttl=247 time=47.5
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=2 ttl=247 time=47.7
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=5 ttl=247 time=64.1
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=12 ttl=247 time=51.
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=13 ttl=247 time=46.
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=14 ttl=247 time=45.
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=15 ttl=247 time=44.
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=16 ttl=247 time=48.
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=17 ttl=247 time=44.
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=18 ttl=247 time=45.
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=19 ttl=247 time=61.
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=20 ttl=247 time=52.
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=21 ttl=247 time=49.
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=26 ttl=247 time=47.

```

Lampiran 78 MAC spoofing AP SMAEL_HUMAS pengujian 2

```

wlan0: Flags=4099<UP,BROADCAST,MULTICAST>
inet 192.168.0.104 netmask 255.255.
inet6 fe80::ae91:8a33:c47:36b3 pref
ether 80:d2:1d:d3:34:a5 txqueuelen
RX packets 1228 bytes 251858 (245.9
RX errors 0 dropped 0 overruns 0
TX packets 605 bytes 69413 (67.7 Ki
TX errors 0 dropped 0 overruns 0 c

linux@kali ~
File Actions Edit View Help

(linux@kali)~[+]
$ ping google.com
PING forcosafesearch.google.com (216.239.38.120) 56(84) bytes of data:
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=1 ttl=247 time
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=2 ttl=247 time
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=4 ttl=247 time
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=6 ttl=247 time
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=8 ttl=247 time
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=10 ttl=247 tim

```

Lampiran 79 MAC spoofing AP SMAEL_HUMAS pengujian 3

```

wlan0: Flags=4099<UP,BROADCAST,MULTICAST> m
inet 192.168.0.104 netmask 255.255.
inet6 fe80::a93:8433:c47:36b3 pref
ether 80:d2:1d:d3:34:a5 txqueuelen
RX packets 1228 bytes 251858 (245.9
RX errors 0 dropped 0 overruns 0
TX packets 605 bytes 69413 (67.7 Ki
TX errors 0 dropped 0 overruns 0 c

Available
Wired connection 1
Wi-Fi Networks
SMAEL_HUMAS
Disconnect
Available networks
Connect to Hidden Wi-Fi Network...
Create New Wi-Fi Network...
VPN Connections

linux@kali
File Actions Edit View Help

linux@kali)~[~]
$ ping google.com
PING forcesafesearch.google.com (216.239.38.120) 56(84) bytes of data:
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=1 ttl=247 time
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=2 ttl=247 time
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=4 ttl=247 time
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=8 ttl=247 tim
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=10 ttl=247 tim
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=12 ttl=247 tim
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=13 ttl=247 tim
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=14 ttl=247 tim

```

Lampiran 80 MAC spoofing AP SMAEL_HUMAS pengujian 4

```

wlan0: Flags=4099<UP,BROADCAST,MULTICAST> m
inet 192.168.0.104 netmask 255.255.
inet6 fe80::a93:8433:c47:36b3 pref
ether 80:d2:1d:d3:34:a5 txqueuelen
RX packets 1228 bytes 251858 (245.9
RX errors 0 dropped 0 overruns 0
TX packets 605 bytes 69413 (67.7 Ki
TX errors 0 dropped 0 overruns 0 c

Available
Wired connection 1
Wi-Fi Networks
SMAEL_HUMAS
Disconnect
Available networks
Connect to Hidden Wi-Fi Network...
Create New Wi-Fi Network...
VPN Connections

linux@kali
File Actions Edit View Help

linux@kali)~[~]
$ ping google.com
PING google.com (216.239.38.120) 56(84) bytes of data:
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=1 ttl=247 time
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=2 ttl=247 time
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=3 ttl=247 time
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=4 ttl=247 time
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=5 ttl=247 time
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=6 ttl=247 time

```

Lampiran 81 MAC spoofing AP SMAEL_HUMAS pengujian 5

```

wlan0: Flags=4099<UP,BROADCAST,MULTICAST> m
inet 192.168.0.104 netmask 255.255.
inet6 fe80::a93:8433:c47:36b3 pref
ether 80:d2:1d:d3:34:a5 txqueuelen
RX packets 1228 bytes 251858 (245.9
RX errors 0 dropped 0 overruns 0
TX packets 605 bytes 69413 (67.7 Ki
TX errors 0 dropped 0 overruns 0 c

Available
Wired connection 1
Wi-Fi Networks
SMAEL_HUMAS
Disconnect
Available networks
Connect to Hidden Wi-Fi Network...
Create New Wi-Fi Network...
VPN Connections

linux@kali
File Actions Edit View Help

linux@kali)~[~]
$ ping google.com
PING forcesafesearch.google.com (216.239.38.120) 56(84) bytes of data:
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=1 ttl=247 time
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=2 ttl=247 time
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=4 ttl=247 time
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=6 ttl=247 time
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=13 ttl=247 tim
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=14 ttl=247 tim

```

Lampiran 82 MAC spoofing AP SMAEL4 pengujian 2

```

wlan0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> #
inet 192.168.0.104 netmask 255.255.255.255
inet6 fe80::2b90:4930:da6a:9d1b prefixlen 64 scopeid 0x20:::
ether 80:d2:1d:d3:34:a5 txqueuelen 1000
RX packets 1557 bytes 314281 (306.9 KiB)
RX errors 0 dropped 0 overruns 0
TX packets 815 bytes 93514 (91.3 KiB)
TX errors 0 dropped 0 overruns 0

linux@kali
File Actions Edit View Help

linux@kali ~
└─$ ping google.com
PING forcesafesearch.google.com (216.239.38.120) 56(84) bytes of data:
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=1 ttl=247 time=0.42 ms
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=2 ttl=247 time=0.42 ms
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=3 ttl=247 time=0.42 ms
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=7 ttl=247 time=0.42 ms
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=12 ttl=247 time=0.42 ms
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=13 ttl=247 time=0.42 ms
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=14 ttl=247 time=0.42 ms

```

Lampiran 83 MAC spoofing AP SMAEL4 pengujian 3

```

wlan0: flags=4099<UP,BROADCAST,MULTICAST> #
inet 192.168.0.104 netmask 255.255.255.255
inet6 fe80::2b90:4930:da6a:9d1b prefixlen 64 scopeid 0x20:::
ether 80:d2:1d:d3:34:a5 txqueuelen 1000
RX packets 1228 bytes 231858 (224.9 KiB)
RX errors 0 dropped 0 overruns 0
TX packets 605 bytes 69413 (67.7 KiB)
TX errors 0 dropped 0 overruns 0

linux@kali
File Actions Edit View Help

linux@kali ~
└─$ ping google.com
PING forcesafesearch.google.com (216.239.38.120) 56(84) bytes of data:
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=1 ttl=247 time=0.42 ms
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=2 ttl=247 time=0.42 ms
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=4 ttl=247 time=0.42 ms
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=8 ttl=247 time=0.42 ms
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=10 ttl=247 time=0.42 ms
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=12 ttl=247 time=0.42 ms
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=13 ttl=247 time=0.42 ms
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=14 ttl=247 time=0.42 ms

```

Lampiran 84 MAC spoofing AP SMAEL4 pengujian 4

```

wlan0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> #
inet 192.168.0.104 netmask 255.255.255.255
inet6 fe80::2b90:4930:da6a:9d1b prefixlen 64 scopeid 0x20:::
ether 80:d2:1d:d3:34:a5 txqueuelen 1000
RX packets 1557 bytes 314281 (306.9 KiB)
RX errors 0 dropped 0 overruns 0
TX packets 815 bytes 93514 (91.3 KiB)
TX errors 0 dropped 0 overruns 0

linux@kali
File Actions Edit View Help

linux@kali ~
└─$ ping google.com
PING forcesafesearch.google.com (216.239.38.120) 56(84) bytes of data:
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=1 ttl=247 time=0.42 ms
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=2 ttl=247 time=0.42 ms
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=4 ttl=247 time=0.42 ms
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=6 ttl=247 time=0.42 ms
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=11 ttl=247 time=0.42 ms
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=12 ttl=247 time=0.42 ms
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=13 ttl=247 time=0.42 ms
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=14 ttl=247 time=0.42 ms
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=15 ttl=247 time=0.42 ms

```

Lampiran 85 MAC spoofing AP SMAEL4 pengujian 5

```

wlan0: Flags=4163<UP,BROADCAST,RUNNING,MULTICAST>
inet6 fe80::3ba0:c03b:da5a:9d1b pr
ether 80:d2:1d:d3:34:a5 txqueuelen
RX packets 1557 bytes 314281 (306.9
RX errors 0 dropped 0 overruns 0
TX packets 815 bytes 93514 (91.3 KiB)
TX errors 0 dropped 0 overruns 0 c

```

linux@kali

File Actions Edit View Help

```

linux@kali:~$ ping google.com
PING forcesafesearch.google.com (216.239.38.120) 56(84) bytes of data:
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=1 ttl=247 time=
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=3 ttl=247 time=
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=5 ttl=247 time=
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=7 ttl=247 time=
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=9 ttl=247 time=

```

Lampiran 86 MAC spoofing AP SMAN_11_PKP pengujian 2

```

wlan0: Flags=4163<UP,BROADCAST,RUNNING,MULTICAST>
inet6 fe80::88b2:9883:ad57:da97 pr
ether 80:d2:1d:d3:34:a5 txqueuelen
RX packets 36 bytes 11128 (10.8 KiB)
RX errors 0 dropped 0 overruns 0
TX packets 13 bytes 5080 (4.9 KiB)
TX errors 0 dropped 0 overruns 0 c

```

linux@kali

File Actions Edit View Help

```

linux@kali:~$ ping google.com
PING forcesafesearch.google.com (216.239.38.120) 56(84) bytes of data:
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=1 ttl=247 time=
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=2 ttl=247 time=
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=3 ttl=247 time=
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=4 ttl=247 time=
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=8 ttl=247 time=

```

Lampiran 87 MAC spoofing AP SMAN_11_PKP pengujian 3

```

wlan0: Flags=4163<UP,BROADCAST,RUNNING,MULTICAST>
inet6 fe80::88b2:9883:ad57:da97 pr
ether 80:d2:1d:d3:34:a5 txqueuelen
RX packets 36 bytes 11128 (10.8 KiB)
RX errors 0 dropped 0 overruns 0
TX packets 33 bytes 5880 (4.9 KiB)
TX errors 0 dropped 0 overruns 0 c

```

linux@kali

File Actions Edit View Help

```

linux@kali:~$ ping google.com
PING forcesafesearch.google.com (216.239.38.120) 56(84) bytes of data:
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=2 ttl=247 time=
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=3 ttl=247 time=
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=4 ttl=247 time=
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=5 ttl=247 time=
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=8 ttl=247 time=
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=11 ttl=247 time=
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=12 ttl=247 time=

```

Lampiran 88 MAC spoofing AP SMAN_11_PKP pengujian 4

```
wlan0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>
    inet6 fe80::8b2:0883:ad57:da97 pre-up
    ether 80:d2:1d:d3:34:a5 txqueuelen 1000
    RX packets 30 bytes 11128 (10.8 KiB)
    RX errors 0 dropped 0 overruns 0
    TX packets 33 bytes 5060 (4.9 KiB)
    TX errors 0 dropped 0 overruns 0

linux@kali:~$ ping google.com
PING forcesafesearch.google.com (216.239.38.120): 64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=2 ttl=247 time=0.41 ms
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=3 ttl=247 time=0.41 ms
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=7 ttl=247 time=0.41 ms
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=10 ttl=247 time=0.41 ms
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=12 ttl=247 time=0.41 ms
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=13 ttl=247 time=0.41 ms
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=14 ttl=247 time=0.41 ms
```

Lampiran 89 MAC spoofing AP SMAN_11_PKP pengujian 5

```
wlan0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>
    inet6 fe80::8b2:0883:ad57:da97 pre-up
    ether 80:d2:1d:d3:34:a5 txqueuelen 1000
    RX packets 36 bytes 11128 (10.8 KiB)
    RX errors 0 dropped 0 overruns 0
    TX packets 33 bytes 5060 (4.9 KiB)
    TX errors 0 dropped 0 overruns 0

linux@kali:~$ ping google.com
PING forcesafesearch.google.com (216.239.38.120): 64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=1 ttl=247 time=0.41 ms
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=2 ttl=247 time=0.41 ms
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=3 ttl=247 time=0.41 ms
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=4 ttl=247 time=0.41 ms
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=5 ttl=247 time=0.41 ms
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=6 ttl=247 time=0.41 ms
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=10 ttl=247 time=0.41 ms
```

Lampiran 90 CVSS calculator result pengujian 2

Common Vulnerability Scoring System Version 4.0 Calculator

CVSS v4.0 Score: 6.0 / Medium

CVSS v4.0 Score: 6.0 / Medium

Exploitability Metrics				
Attack Vector (AV)	Network (N)	Adjacent (A)	Local (L)	Physical (P)
Attack Complexity (AC)	Low (L)	High (H)		
Attack Requirements (AR)	None (N)	Required (R)		
Prileges Required (PR)	None (N)	Low (L)	High (H)	
User Interaction (UI)	None (N)	Required (R)	Automatic (A)	
Vulnerable System Impact Metrics				
Confidentiality (C)	High (H)	Low (L)	None (N)	
Integrity (I)	High (H)	Low (L)	None (N)	
Availability (A)	High (H)	Low (L)	None (N)	
Subsequent System Impact Metrics				
Confidentiality (SC)	High (H)	Low (L)	None (N)	
Integrity (SI)	High (H)	Low (L)	None (N)	
Availability (SA)	High (H)	Low (L)	None (N)	

Lampiran 91 CVSS calculator result pengujian 3

Common Vulnerability Scoring System Version 4.0 Calculator

CVSSv4.0 (WAV) (C) (A) (N) (P) (R) (S) (M) (C) (N) (V) (M) (A) (L) (C) (N) (S) (P) (A) (L)

CVSS v4.0 Score: 6.9 / Medium

Exploitability Metrics				
Attack Vector (AV)	Network (N)	Adjacent (A)	Local (L)	Physical (P)
Attack Complexity (AC)	Low (L)	High (H)		
Attack Requirements (AR)	None (N)	Required (R)		
Privileges Required (PR)	None (N)	Low (L)	High (H)	
User Interaction (UI)	None (N)	Required (R)	Automatic (A)	

Vulnerable System Impact Metrics		
Confidentiality (C)	High (H)	None (N)
Integrity (I)	High (H)	None (N)
Availability (A)	High (H)	Low (L)

Subsequent System Impact Metrics		
Confidentiality (C)	High (H)	None (N)
Integrity (I)	High (H)	None (N)
Availability (A)	High (H)	Low (L)

Lampiran 92 CVSS calculator result pengujian 4

Common Vulnerability Scoring System Version 4.0 Calculator

CVSSv4.0 (WAV) (C) (A) (N) (P) (R) (S) (M) (C) (N) (V) (M) (A) (L) (C) (N) (S) (P) (A) (L)

CVSS v4.0 Score: 6.9 / Medium

Exploitability Metrics				
Attack Vector (AV)	Network (N)	Adjacent (A)	Local (L)	Physical (P)
Attack Complexity (AC)	Low (L)	High (H)		
Attack Requirements (AR)	None (N)	Required (R)		
Privileges Required (PR)	None (N)	Low (L)	High (H)	
User Interaction (UI)	None (N)	Required (R)	Automatic (A)	

Vulnerable System Impact Metrics		
Confidentiality (C)	High (H)	None (N)
Integrity (I)	High (H)	None (N)
Availability (A)	High (H)	Low (L)

Subsequent System Impact Metrics		
Confidentiality (C)	High (H)	None (N)
Integrity (I)	High (H)	None (N)
Availability (A)	High (H)	Low (L)

Lampiran 93 CVSS calculator result pengujian 5

Common Vulnerability Scoring System Version 4.0 Calculator

CVSSv4.0 (WAV) (C) (A) (N) (P) (R) (S) (M) (C) (N) (V) (M) (A) (L) (C) (N) (S) (P) (A) (L)

CVSS v4.0 Score: 6.9 / Medium

Exploitability Metrics				
Attack Vector (AV)	Network (N)	Adjacent (A)	Local (L)	Physical (P)
Attack Complexity (AC)	Low (L)	High (H)		
Attack Requirements (AR)	None (N)	Required (R)		
Privileges Required (PR)	None (N)	Low (L)	High (H)	
User Interaction (UI)	None (N)	Required (R)	Automatic (A)	

Vulnerable System Impact Metrics		
Confidentiality (C)	High (H)	None (N)
Integrity (I)	High (H)	None (N)
Availability (A)	High (H)	Low (L)

Subsequent System Impact Metrics		
Confidentiality (C)	High (H)	None (N)
Integrity (I)	High (H)	None (N)
Availability (A)	High (H)	Low (L)