

CG-CTF Misc Writeup--Remove Boyfriend

原创

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订阅专栏



MISC

1 篇文章 0 订阅

订阅专栏

最近在刷题, 发现这道题竟然没有writeup, 只好硬磕。好在出题人比较厚道, 没有挖更多的坑, 最后解决后还是很有成就感的(小白在进步)。

按照题目下载网盘文件: [Remove+Boyfriend.pcapng](#)。用wireshark打开, 是这样的:

Remove+Boyfriend.pcapng [Wireshark 1.12.4 (v1.12.4-0-gb4861da from master-1.12)]

Filter: Expression... Clear Apply Save

No.	Time	Source	Destination	Protocol	Length	Info
1	0.00000000	127.0.0.1	127.0.0.1	TCP	68	61360-19536 [SYN, ECN, CWR] Seq=0 win=65535 Len=0 MSS=16344 WS=32 TSval=464951852 TSecr=0 SACK_PERM=1
2	0.00002600	127.0.0.1	127.0.0.1	TCP	44	19536-61360 [RST, ACK] Seq=1 Ack=1 win=0 Len=0
3	8.42889100	127.0.0.1	127.0.0.1	TCP	68	61362-19536 [SYN, ECN, CWR] Seq=0 win=65535 Len=0 MSS=16344 WS=32 TSval=464960260 TSecr=0 SACK_PERM=1
4	8.42891900	127.0.0.1	127.0.0.1	TCP	44	19536-61362 [RST, ACK] Seq=1 Ack=1 win=0 Len=0
5	12.1236890	10.80.22.90	10.80.22.90	FTP	99	Request: CWD /Users/liupc/Desktop/Remove Boyfriend
6	12.1237250	10.80.22.90	10.80.22.90	TCP	56	21-61347 [ACK] Seq=1 Ack=44 win=12754 Len=0 TSval=464963946 TSecr=464963946
7	12.1238440	10.80.22.90	10.80.22.90	FTP	85	Response: 250 CWD command successful.
8	12.1238680	10.80.22.90	10.80.22.90	TCP	56	61347-21 [ACK] Seq=44 Ack=30 win=12740 Len=0 TSval=464963946 TSecr=464963946
9	12.1239660	10.80.22.90	10.80.22.90	FTP	62	Request: PASV
10	12.1239810	10.80.22.90	10.80.22.90	TCP	56	21-61347 [ACK] Seq=30 Ack=50 win=12754 Len=0 TSval=464963946 TSecr=464963946
11	12.1240330	10.80.22.90	10.80.22.90	FTP	105	Response: 227 Entering Passive Mode (10,80,22,90,239,179)
12	12.1240510	10.80.22.90	10.80.22.90	TCP	56	61347-21 [ACK] Seq=50 Ack=79 win=12739 Len=0 TSval=464963946 TSecr=464963946
13	12.1241120	10.80.22.90	10.80.22.90	TCP	68	61364-61363 [SYN] Seq=0 win=65535 Len=0 MSS=16344 WS=32 TSval=464963946 TSecr=0 SACK_PERM=1
14	12.1241680	10.80.22.90	10.80.22.90	TCP	68	61363-61364 [SYN, ACK] Seq=0 Ack=1 win=65535 Len=0 MSS=16344 WS=32 TSval=464963946 TSecr=464963946 SACK_PERM=1
15	12.1241810	10.80.22.90	10.80.22.90	TCP	56	61364-61363 [ACK] Seq=1 Ack=1 win=408288 Len=0 TSval=464963946 TSecr=464963946
16	12.1241870	10.80.22.90	10.80.22.90	TCP	56	[TCP window update] 61363-61364 [ACK] Seq=1 Ack=1 win=408288 Len=0 TSval=464963946 TSecr=464963946
17	12.1242150	10.80.22.90	10.80.22.90	FTP	62	Request: LIST
18	12.1242310	10.80.22.90	10.80.22.90	TCP	56	21-61347 [ACK] Seq=79 Ack=56 win=12754 Len=0 TSval=464963946 TSecr=464963946
19	12.1245720	10.80.22.90	10.80.22.90	FTP	111	Response: 150 Opening ASCII mode data connection for '/bin/ls'.
20	12.1245990	10.80.22.90	10.80.22.90	TCP	56	61347-21 [ACK] Seq=56 Ack=134 win=12737 Len=0 TSval=464963946 TSecr=464963946
21	12.1272320	10.80.22.90	10.80.22.90	FTP-DAI	265	FTP data: 209 bytes
22	12.1272590	10.80.22.90	10.80.22.90	TCP	56	61364-61363 [ACK] Seq=1 Ack=210 win=408064 Len=0 TSval=464963949 TSecr=464963949
23	12.1272810	10.80.22.90	10.80.22.90	TCP	56	61363-61364 [FIN, ACK] Seq=210 Ack=1 win=408288 Len=0 TSval=464963949 TSecr=464963949
24	12.1273030	10.80.22.90	10.80.22.90	TCP	56	61364-61363 [ACK] Seq=1 Ack=211 win=408064 Len=0 TSval=464963949 TSecr=464963949
25	12.1273150	10.80.22.90	10.80.22.90	TCP	56	61364-61363 [FIN, ACK] Seq=1 Ack=211 win=408064 Len=0 TSval=464963949 TSecr=464963949
26	12.1273320	10.80.22.90	10.80.22.90	TCP	56	61363-61364 [ACK] Seq=211 Ack=2 win=408288 Len=0 TSval=464963949 TSecr=464963949

Frame 99: 99 bytes on wire (792 bits), 99 bytes captured (792 bits) on interface 0

- Null/Loopback
- Internet Protocol Version 4, Src: 10.80.22.90 (10.80.22.90), Dst: 10.80.22.90 (10.80.22.90)
- Transmission Control Protocol, Src Port: 61347 (61347), Dst Port: 21 (21), Seq: 1, Ack: 1, Len: 43
- File Transfer Protocol (FTP)
 - CWD /Users/liupc/Desktop/Remove Boyfriend\r\n
 - Request command: cwd

```
0000 02 00 00 00 45 10 00 5f 00 58 40 00 40 06 00 00  .E...X@...
0010 0a 50 16 5a 0a 50 16 5a ef a3 00 15 bf b6 74 42  .P.Z.P.Z .....tb
0020 67 7f 00 35 80 18 31 c5 41 a5 00 00 01 01 08 0a  9..5..1.A.....
0030 1b b6 c9 6a 1b b6 7b b1 43 57 44 20 2f 55 73 65  ..j..{CWD/Use
0040 72 73 2f 6c 69 75 70 63 2f 44 65 73 6b 74 6f 70  rs/liupc /desktop
0050 2f 52 65 6d 6f 76 65 20 42 6f 79 66 72 69 65 6e  /Remove Boyfrien
0060 64 0d 0a  .d..
```

可能会有点乱, 从头开始看, 第5行有条操作命令: `CWD /Users/liupc/Desktop/Remove Boyfriend`

CWD是Raw FTP commands, 右击--Follow TCP Stream, 得到一个命令列表:

