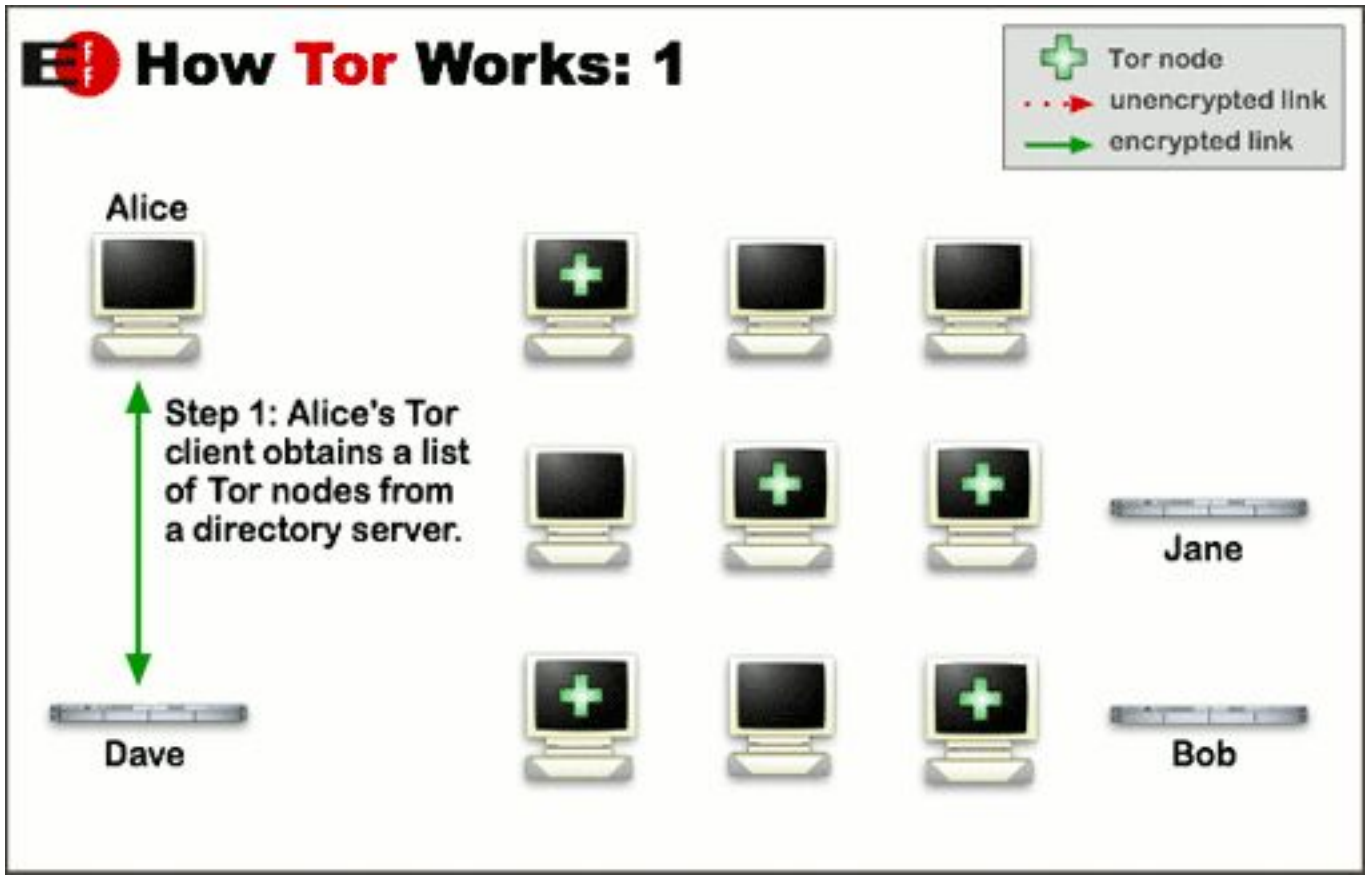
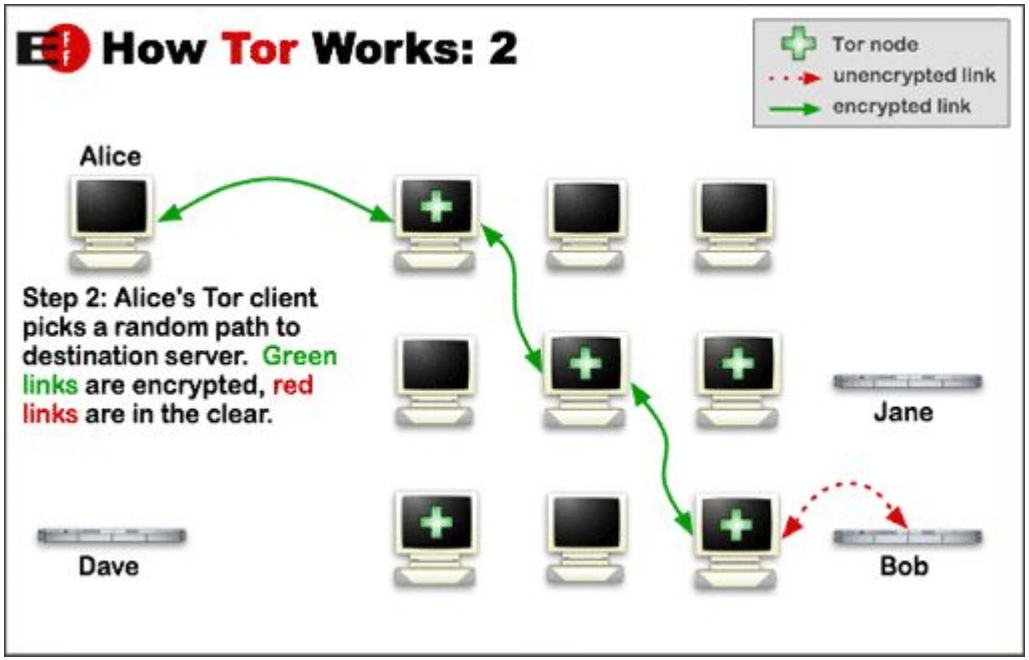
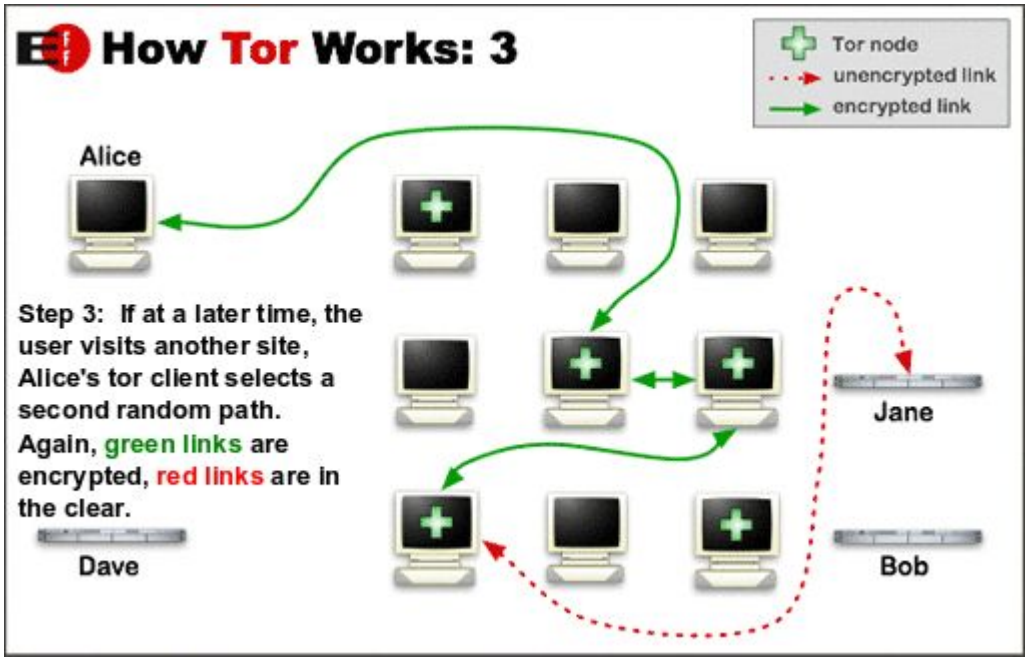
Анонимная сеть TOR

Выполнил студент группы

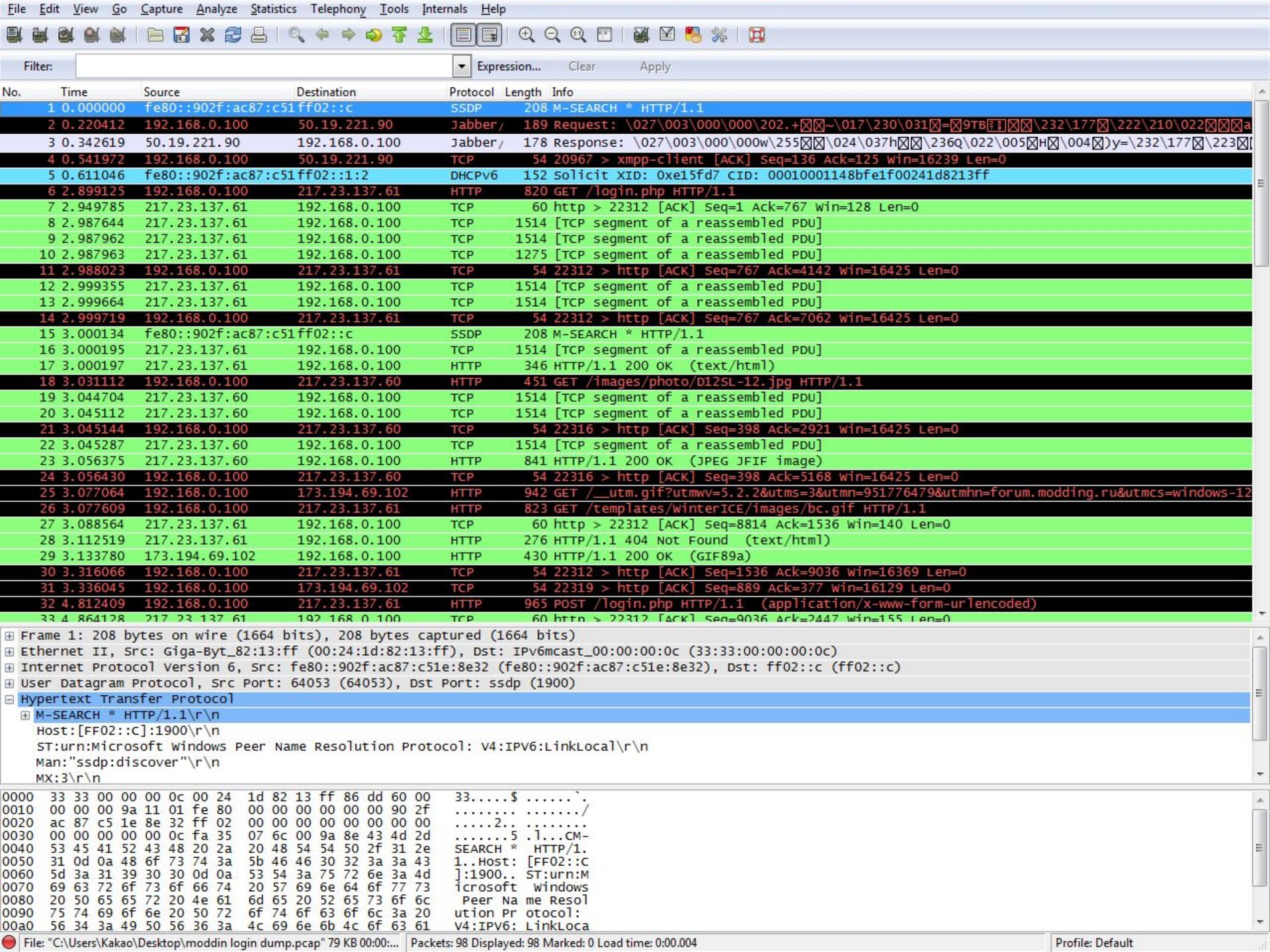
Принцип работы Tor основан на идее так называемой "Луковой Маршрутизации" (Onion Routing), которая была предложена еще в середине 90-х годов и запатентована Военно-морскими силами США. Весь смысл в том, что если клиент будет общаться с сервером не напрямую, а через цепочку посредников, каждому из которых известны только следующее и предыдущее звенья цепочки - отследить истинный источник и приемник данных (одновременно) будет невозможно в любом звене цепи.

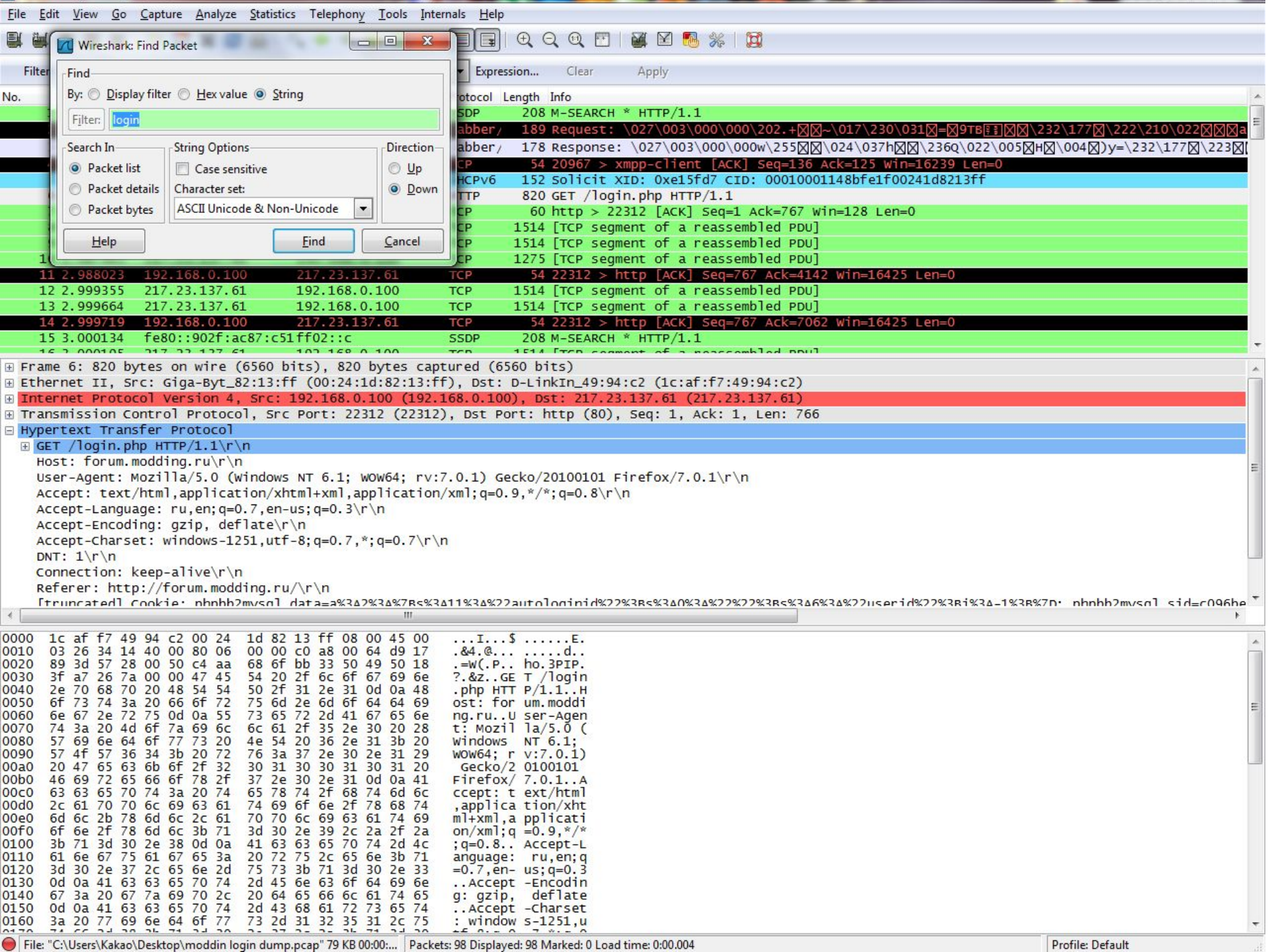

How Tor Works: 1
Tor node
unencrypted link
encrypted link
Alice
Step 1: Alice's Tor client obtains a list of Tor nodes from a directory server.
Jane
Dave
Bob

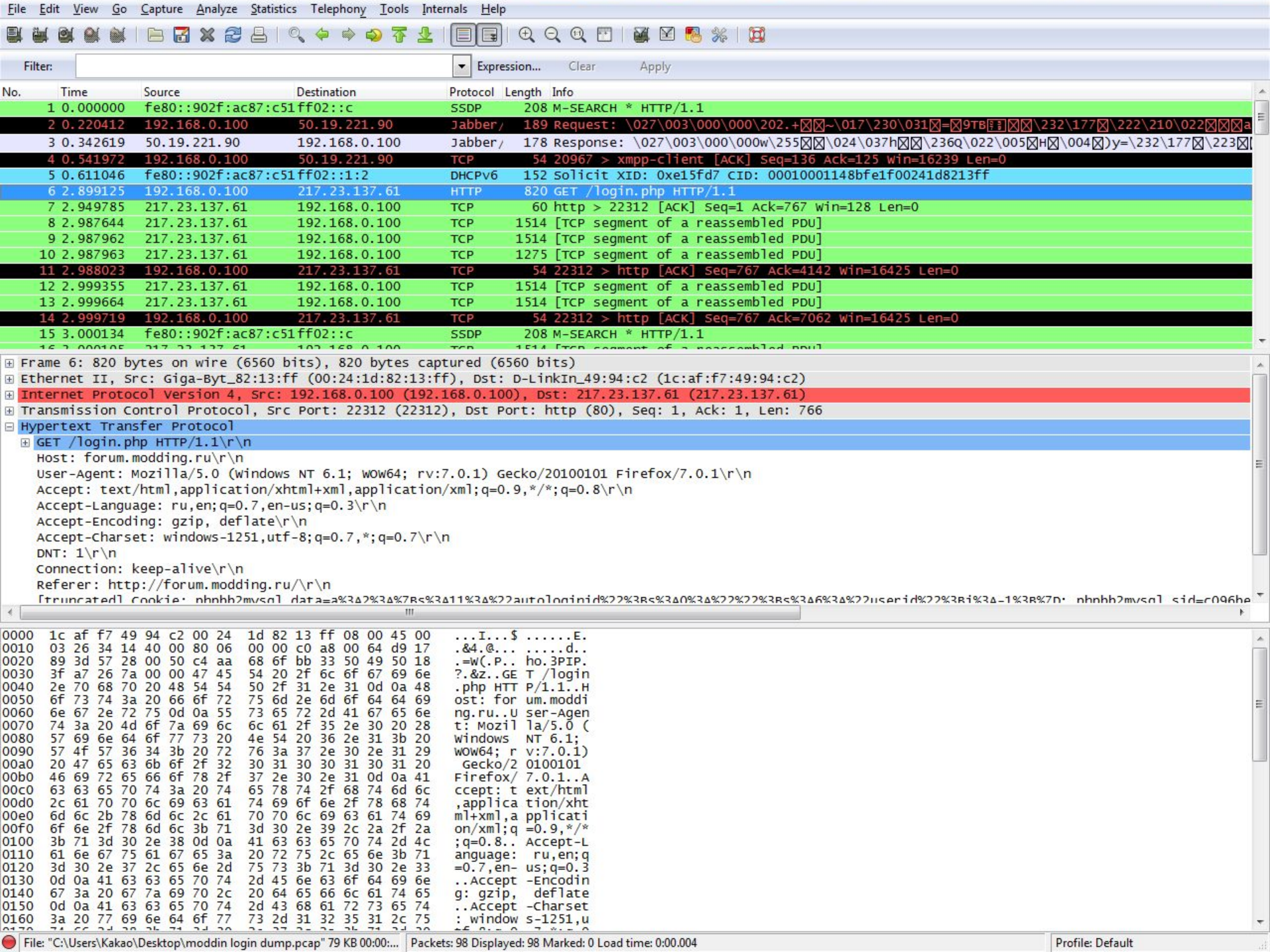

How Tor Works: 2
Tor node
unencrypted link
encrypted link
Alice
Step 2: Alice's Tor client picks a random path to destination server. Green links are encrypted, red links are in the clear.
Jane
Dave
Bob


How Tor Works: 3
Tor node
unencrypted link
encrypted link
Alice
Step 3: If at a later time, the user visits another site, Alice's tor client selects a second random path.
Again, green links are encrypted, red links are in the clear.
Jane
Dave
Bob

Перехват трафика


File Edit View Go Capture Analyze Statistics Telephony Tools Internals Help
Filter: Expression... Clear Apply
No. Time Source Destination Protocol Length Info
1 0.000000 fe80::902f:ac87:c51 ff02::c SSDP 208 M-SEARCH * HTTP/1.1
2 0.220412 192.168.0.100 50.19.221.90 Jabber/ 189 Request: \027\003\000\000\202.+[illegible]
3 0.342619 50.19.221.90 192.168.0.100 Jabber/ 178 Response: \027\003\000\000w\255[illegible]
4 0.541972 192.168.0.100 50.19.221.90 TCP 54 20967 > xmpp-client [ACK] Seq=136 Ack=125 Win=16239 Len=0
5 0.611046 fe80::902f:ac87:c51 ff02::1:2 DHCPv6 152 Solicit XID: 0xe15fd7 CID: 00010001148bfe1f00241d8213ff
6 2.899125 192.168.0.100 217.23.137.61 HTTP 820 GET /login.php HTTP/1.1
7 2.949785 217.23.137.61 192.168.0.100 TCP 60 http > 22312 [ACK] Seq=1 Ack=767 Win=128 Len=0
8 2.987644 217.23.137.61 192.168.0.100 TCP 1514 [TCP segment of a reassembled PDU]
9 2.987962 217.23.137.61 192.168.0.100 TCP 1514 [TCP segment of a reassembled PDU]
10 2.987963 217.23.137.61 192.168.0.100 TCP 1275 [TCP segment of a reassembled PDU]
11 2.988023 192.168.0.100 217.23.137.61 TCP 54 22312 > http [ACK] Seq=767 Ack=4142 Win=16425 Len=0
12 2.999355 217.23.137.61 192.168.0.100 TCP 1514 [TCP segment of a reassembled PDU]
13 2.999664 217.23.137.61 192.168.0.100 TCP 1514 [TCP segment of a reassembled PDU]
14 2.999719 192.168.0.100 217.23.137.61 TCP 54 22312 > http [ACK] Seq=767 Ack=7062 Win=16425 Len=0
15 3.000134 fe80::902f:ac87:c51 ff02::c SSDP 208 M-SEARCH * HTTP/1.1
16 3.000195 217.23.137.61 192.168.0.100 TCP 1514 [TCP segment of a reassembled PDU]
17 3.000197 217.23.137.61 192.168.0.100 HTTP 346 HTTP/1.1 200 OK (text/html)
18 3.031112 192.168.0.100 217.23.137.60 HTTP 451 GET /images/photo/D12SL-12.jpg HTTP/1.1
19 3.044704 217.23.137.60 192.168.0.100 TCP 1514 [TCP segment of a reassembled PDU]
20 3.045112 217.23.137.60 192.168.0.100 TCP 1514 [TCP segment of a reassembled PDU]
21 3.045144 192.168.0.100 217.23.137.60 TCP 54 22316 > http [ACK] Seq=398 Ack=2921 Win=16425 Len=0
22 3.045287 217.23.137.60 192.168.0.100 TCP 1514 [TCP segment of a reassembled PDU]
23 3.056375 217.23.137.60 192.168.0.100 HTTP 841 HTTP/1.1 200 OK (JPEG JFIF image)
24 3.056430 192.168.0.100 217.23.137.60 TCP 54 22316 > http [ACK] Seq=398 Ack=5168 Win=16425 Len=0
25 3.077064 192.168.0.100 173.194.69.102 HTTP 942 GET /__utm.gif?utmwv=5.2.2&utms=3&utmn=951776479&utmhn=forum.modding.ru&utmcs=windows-12
26 3.077609 192.168.0.100 217.23.137.61 HTTP 823 GET /templates/WinterICE/images/bc.gif HTTP/1.1
27 3.088564 217.23.137.61 192.168.0.100 TCP 60 http > 22312 [ACK] Seq=8814 Ack=1536 Win=140 Len=0
28 3.112519 217.23.137.61 192.168.0.100 HTTP 276 HTTP/1.1 404 Not Found (text/html)
29 3.133780 173.194.69.102 192.168.0.100 HTTP 430 HTTP/1.1 200 OK (GIF89a)
30 3.316066 192.168.0.100 217.23.137.61 TCP 54 22312 > http [ACK] Seq=1536 Ack=9036 Win=16369 Len=0
31 3.336045 192.168.0.100 173.194.69.102 TCP 54 22319 > http [ACK] Seq=889 Ack=377 Win=16129 Len=0
32 4.812409 192.168.0.100 217.23.137.61 HTTP 965 POST /login.php HTTP/1.1 (application/x-www-form-urlencoded)
Frame 1: 208 bytes on wire (1664 bits), 208 bytes captured (1664 bits)
Ethernet II, Src: Giga-Byt_82:13:ff (00:24:1d:82:13:ff), Dst: IPv6mcast_00:00:00:0c (33:33:00:00:00:0c)
Internet Protocol Version 6, Src: fe80::902f:ac87:c51e:8e32 (fe80::902f:ac87:c51e:8e32), Dst: ff02::c (ff02::c)
User Datagram Protocol, Src Port: 64053 (64053), Dst Port: ssdp (1900)
Hypertext Transfer Protocol
M-SEARCH * HTTP/1.1\r\n
Host:[FF02::C]:1900\r\n
ST:urn:Microsoft Windows Peer Name Resolution Protocol: V4:IPV6:LinkLocal\r\n
Man:"ssdp:discover"\r\n
MX:3\r\n
0000 33 33 00 00 00 0c 00 24 1d 82 13 ff 86 dd 60 00 33.....$ ......`.
0010 00 00 00 9a 11 01 fe 80 00 00 00 00 00 00 90 2f ..../
0020 ac 87 c5 1e 8e 32 ff 02 00 00 00 00 00 00 00 00 .....2.. ....
0030 00 00 00 00 00 0c fa 35 07 6c 00 9a 8e 43 4d 2d ....5 .l...CM-
0040 53 45 41 52 43 48 20 2a 20 48 54 54 50 2f 31 2e SEARCH * HTTP/1.
0050 31 0d 0a 48 6f 73 74 3a 5b 46 46 30 32 3a 3a 43 1..Host: [FF02::C
0060 5d 3a 31 39 30 30 0d 0a 53 54 3a 75 72 6e 3a 4d]:1900.. ST:urn:M
0070 69 63 72 6f 73 6f 66 74 20 57 69 6e 64 6f 77 73 icrosoft Windows
0080 20 50 65 65 72 20 4e 61 6d 65 20 52 65 73 6f 6c Peer Na me Resol
0090 75 74 69 6f 6e 20 50 72 6f 74 6f 63 6f 6c 3a 20 ution Pr otocol:
00a0 56 34 3a 49 50 56 36 3a 4c 69 6e 6b 4c 6f 63 61 V4:IPV6: LinkLoca
File: "C:\Users\Kakao\Desktop\moddin login dump.pcap" 79 KB 00:00:... Packets: 98 Displayed: 98 Marked: 0 Load time: 0:00.004 Profile: Default


File Edit View Go Capture Analyze Statistics Telephony Tools Internals Help
Wireshark: Find Packet
Find
By: Display filter Hex value String
Filter: login
Search In
Packet list
Packet details
Packet bytes
String Options
Case sensitive
Character set:
ASCII Unicode & Non-Unicode
Direction
Up
Down
Help
Find
Cancel
Filter:
Expression... Clear Apply
No. Protocol Length Info
SSDP 208 M-SEARCH * HTTP/1.1
189 Request: \027\003\000\000\202.+⊠⊠~\017\230\031⊠=⊠9TB⊠⊠\232\177⊠\222\210\022⊠⊠⊠a
178 Response: \027\003\000\000w\255⊠⊠\024\037h⊠⊠\236Q\022\005⊠H⊠\004⊠)y=\232\177⊠\223⊠
TCP 54 20967 > xmpp-client [ACK] Seq=136 Ack=125 Win=16239 Len=0
ICMPv6 152 Solicit XID: 0xe15fd7 CID: 00010001148bfe1f00241d8213ff
HTTP 820 GET /login.php HTTP/1.1
TCP 60 http > 22312 [ACK] Seq=1 Ack=767 Win=128 Len=0
TCP 1514 [TCP segment of a reassembled PDU]
TCP 1514 [TCP segment of a reassembled PDU]
TCP 1275 [TCP segment of a reassembled PDU]
11 2.988023 192.168.0.100 217.23.137.61 TCP 54 22312 > http [ACK] Seq=767 Ack=4142 Win=16425 Len=0
12 2.999355 217.23.137.61 192.168.0.100 TCP 1514 [TCP segment of a reassembled PDU]
13 2.999664 217.23.137.61 192.168.0.100 TCP 1514 [TCP segment of a reassembled PDU]
14 2.999719 192.168.0.100 217.23.137.61 TCP 54 22312 > http [ACK] Seq=767 Ack=7062 Win=16425 Len=0
15 3.000134 fe80::902f:ac87:c51ff02::c SSDP 208 M-SEARCH * HTTP/1.1
Frame 6: 820 bytes on wire (6560 bits), 820 bytes captured (6560 bits)
Ethernet II, Src: Giga-Byt_82:13:ff (00:24:1d:82:13:ff), Dst: D-LinkIn_49:94:c2 (1c:af:f7:49:94:c2)
Internet Protocol Version 4, Src: 192.168.0.100 (192.168.0.100), Dst: 217.23.137.61 (217.23.137.61)
Transmission Control Protocol, Src Port: 22312 (22312), Dst Port: http (80), Seq: 1, Ack: 1, Len: 766
Hypertext Transfer Protocol
GET /login.php HTTP/1.1\r\n
Host: forum.modding.ru\r\n
User-Agent: Mozilla/5.0 (Windows NT 6.1; WOW64; rv:7.0.1) Gecko/20100101 Firefox/7.0.1\r\n
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8\r\n
Accept-Language: ru,en;q=0.7,en-us;q=0.3\r\n
Accept-Encoding: gzip, deflate\r\n
Accept-Charset: windows-1251,utf-8;q=0.7,*;q=0.7\r\n
DNT: 1\r\n
Connection: keep-alive\r\n
Referer: http://forum.modding.ru/\r\n
0000 1c af f7 49 94 c2 00 24 1d 82 13 ff 08 00 45 00 ...I...$ ......E.
0010 03 26 34 14 40 00 80 06 00 00 c0 a8 00 64 d9 17 .&4.@... .....d..
0020 89 3d 57 28 00 50 c4 aa 68 6f bb 33 50 49 50 18 .=W(.P.. ho.3PIP.
0030 3f a7 26 7a 00 00 47 45 54 20 2f 6c 6f 67 69 6e ?.&z..GE T /login
0040 2e 70 68 70 20 48 54 54 50 2f 31 2e 31 0d 0a 48 .php HTT P/1.1..H
0050 6f 73 74 3a 20 66 6f 72 75 6d 2e 6d 6f 64 64 69 ost: for um.moddi
0060 6e 67 2e 72 75 0d 0a 55 73 65 72 2d 41 67 65 6e ng.ru..U ser-Agen
0070 74 3a 20 4d 6f 7a 69 6c 6c 61 2f 35 2e 30 20 28 t: Mozil la/5.0 (
0080 57 69 6e 64 6f 77 73 20 4e 54 20 36 2e 31 3b 20 Windows NT 6.1;
0090 57 4f 57 36 34 3b 20 72 76 3a 37 2e 30 2e 31 29 WOW64; r v:7.0.1)
00a0 20 47 65 63 6b 6f 2f 32 30 31 30 30 31 30 31 20 Gecko/2 0100101
00b0 46 69 72 65 66 6f 78 2f 37 2e 30 2e 31 0d 0a 41 Firefox/ 7.0.1..A
00c0 63 63 65 70 74 3a 20 74 65 78 74 2f 68 74 6d 6c ccept: t ext/html
00d0 2c 61 70 70 6c 69 63 61 74 69 6f 6e 2f 78 68 74 ,applica tion/xht
00e0 6d 6c 2b 78 6d 6c 2c 61 70 70 6c 69 63 61 74 69 ml+xml,a pplicati
00f0 6f 6e 2f 78 6d 6c 3b 71 3d 30 2e 39 2c 2a 2f 2a on/xml;q =0.9,*/*
0100 3b 71 3d 30 2e 38 0d 0a 41 63 63 65 70 74 2d 4c ;q=0.8.. Accept-L
0110 61 6e 67 75 61 67 65 3a 20 72 75 2c 65 6e 3b 71 anguage: ru,en;q
0120 3d 30 2e 37 2c 65 6e 2d 75 73 3b 71 3d 30 2e 33 =0.7,en- us;q=0.3
0130 0d 0a 41 63 63 65 70 74 2d 45 6e 63 6f 64 69 6e ..Accept -Encodin
0140 67 3a 20 67 7a 69 70 2c 20 64 65 66 6c 61 74 65 g: gzip, deflate
0150 0d 0a 41 63 63 65 70 74 2d 43 68 61 72 73 65 74 ..Accept -Charset
0160 3a 20 77 69 6e 64 6f 77 73 2d 31 32 35 31 2c 75 : window s-1251,u
File: "C:\Users\Kakao\Desktop\moddin login dump.pcap" 79 KB 00:00:... Packets: 98 Displayed: 98 Marked: 0 Load time: 0:00.004 Profile: Default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No. Time Source Destination Protocol Length Info
1 0.000000 fe80::902f:ac87:c51 ff02::c SSDP 208 M-SEARCH * HTTP/1.1
2 0.220412 192.168.0.100 50.19.221.90 Jabber/ 189 Request: \027\003\000\000\202.+[illegible]~\017\230\031[illegible]=[illegible]9TB[illegible]\232\177[illegible]\222\210\022[illegible]a
3 0.342619 50.19.221.90 192.168.0.100 Jabber/ 178 Response: \027\003\000\000w\255[illegible]\024\037h[illegible]\236Q\022\005[illegible]H[illegible]\004[illegible])y=\232\177[illegible]\223[illegible]
4 0.541972 192.168.0.100 50.19.221.90 TCP 54 20967 > xmpp-client [ACK] Seq=136 Ack=125 Win=16239 Len=0
5 0.611046 fe80::902f:ac87:c51 ff02::1:2 DHCPv6 152 Solicit XID: 0xe15fd7 CID: 00010001148bfe1f00241d8213ff
6 2.899125 192.168.0.100 217.23.137.61 HTTP 820 GET /login.php HTTP/1.1
7 2.949785 217.23.137.61 192.168.0.100 TCP 60 http > 22312 [ACK] Seq=1 Ack=767 Win=128 Len=0
8 2.987644 217.23.137.61 192.168.0.100 TCP 1514 [TCP segment of a reassembled PDU]
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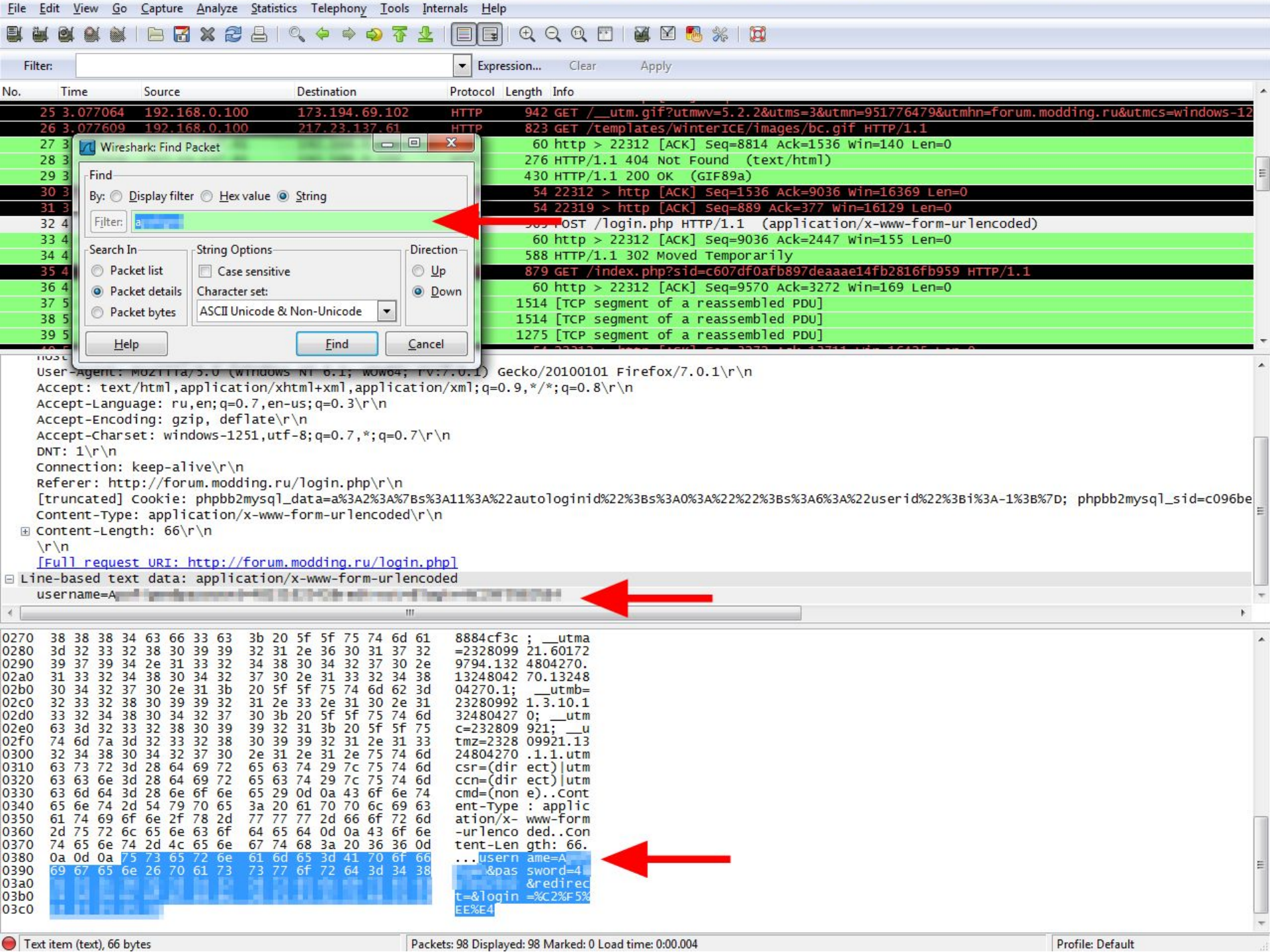
14 2.999719 192.168.0.100 217.23.137.61 TCP 54 22312 > http [ACK] Seq=767 Ack=7062 Win=16425 Len=0
15 3.000134 fe80::902f:ac87:c51 ff02::c SSDP 208 M-SEARCH * HTTP/1.1
Frame 6: 820 bytes on wire (6560 bits), 820 bytes captured (6560 bits)
Ethernet II, Src: Giga-Byt_82:13:ff (00:24:1d:82:13:ff), Dst: D-LinkIn_49:94:c2 (1c:af:f7:49:94:c2)
Internet Protocol Version 4, Src: 192.168.0.100 (192.168.0.100), Dst: 217.23.137.61 (217.23.137.61)
Transmission Control Protocol, Src Port: 22312 (22312), Dst Port: http (80), Seq: 1, Ack: 1, Len: 766
Hypertext Transfer Protocol
GET /login.php HTTP/1.1\r\n
Host: forum.modding.ru\r\n
User-Agent: Mozilla/5.0 (Windows NT 6.1; WOW64; rv:7.0.1) Gecko/20100101 Firefox/7.0.1\r\n
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8\r\n
Accept-Language: ru,en;q=0.7,en-us;q=0.3\r\n
Accept-Encoding: gzip, deflate\r\n
Accept-Charset: windows-1251,utf-8;q=0.7,*;q=0.7\r\n
DNT: 1\r\n
Connection: keep-alive\r\n
Referer: http://forum.modding.ru/\r\n
[truncated] Cookie: phpbb2mysql_data=a%3A2%3A%7Bs%3A11%3A%22autologinid%22%3Bs%3A0%3A%22%22%3Bs%3A6%3A%22userid%22%3Bi%3A-1%3B%7D; phpbb2mysql_sid=c096be
0000 1c af f7 49 94 c2 00 24 1d 82 13 ff 08 00 45 00 ...I...$ ......E.
0010 03 26 34 14 40 00 80 06 00 00 c0 a8 00 64 d9 17 .&4.@... .....d..
0020 89 3d 57 28 00 50 c4 aa 68 6f bb 33 50 49 50 18 .=W(.P.. ho.3PIP.
0030 3f a7 26 7a 00 00 47 45 54 20 2f 6c 6f 67 69 6e ?.&z..GE T /login
0040 2e 70 68 70 20 48 54 54 50 2f 31 2e 31 0d 0a 48 .php HTT P/1.1..H
0050 6f 73 74 3a 20 66 6f 72 75 6d 2e 6d 6f 64 64 69 ost: for um.moddi
0060 6e 67 2e 72 75 0d 0a 55 73 65 72 2d 41 67 65 6e ng.ru..U ser-Agen
0070 74 3a 20 4d 6f 7a 69 6c 6c 61 2f 35 2e 30 20 28 t: Mozil la/5.0 (
0080 57 69 6e 64 6f 77 73 20 4e 54 20 36 2e 31 3b 20 Windows NT 6.1;
0090 57 4f 57 36 34 3b 20 72 76 3a 37 2e 30 2e 31 29 WOW64; r v:7.0.1)
00a0 20 47 65 63 6b 6f 2f 32 30 31 30 30 31 30 31 20 Gecko/2 0100101
00b0 46 69 72 65 66 6f 78 2f 37 2e 30 2e 31 0d 0a 41 Firefox/ 7.0.1..A
00c0 63 63 65 70 74 3a 20 74 65 78 74 2f 68 74 6d 6c ccept: t ext/html
00d0 2c 61 70 70 6c 69 63 61 74 69 6f 6e 2f 78 68 74 ,applica tion/xht
00e0 6d 6c 2b 78 6d 6c 2c 61 70 70 6c 69 63 61 74 69 ml+xml,a pplicati
00f0 6f 6e 2f 78 6d 6c 3b 71 3d 30 2e 39 2c 2a 2f 2a on/xml;q =0.9,*/*
0100 3b 71 3d 30 2e 38 0d 0a 41 63 63 65 70 74 2d 4c ;q=0.8.. Accept-L
0110 61 6e 67 75 61 67 65 3a 20 72 75 2c 65 6e 3b 71 anguage: ru,en;q
0120 3d 30 2e 37 2c 65 6e 2d 75 73 3b 71 3d 30 2e 33 =0.7,en- us;q=0.3
0130 0d 0a 41 63 63 65 70 74 2d 45 6e 63 6f 64 69 6e ..Accept -Encodin
0140 67 3a 20 67 7a 69 70 2c 20 64 65 66 6c 61 74 65 g: gzip, deflate
0150 0d 0a 41 63 63 65 70 74 2d 43 68 61 72 73 65 74 ..Accept -Charset
0160 3a 20 77 69 6e 64 6f 77 73 2d 31 32 35 31 2c 75 : window s-1251,u
File: "C:\Users\Kakao\Desktop\moddin login dump.pcap" 79 KB 00:00:... Packets: 98 Displayed: 98 Marked: 0 Load time: 0:00.004 Profile: Default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No. Time Source Destination Protocol Length Info
25 3.077064 192.168.0.100 173.194.69.102 HTTP 942 GET /__utm.gif?utmwv=5.2.2&utms=3&utmn=951776479&utmhn=forum.modding.ru&utmcs=windows-12
26 3.077609 192.168.0.100 217.23.137.61 HTTP 823 GET /templates/WinterICE/images/bc.gif HTTP/1.1
27 3 60 http > 22312 [ACK] Seq=8814 Ack=1536 Win=140 Len=0
28 3 276 HTTP/1.1 404 Not Found (text/html)
29 3 430 HTTP/1.1 200 OK (GIF89a)
30 3 54 22312 > http [ACK] Seq=1536 Ack=9036 Win=16369 Len=0
31 3 54 22319 > http [ACK] Seq=889 Ack=377 Win=16129 Len=0
32 4 POST /login.php HTTP/1.1 (application/x-www-form-urlencoded)
33 4 60 http > 22312 [ACK] Seq=9036 Ack=2447 Win=155 Len=0
34 4 588 HTTP/1.1 302 Moved Temporarily
35 4 879 GET /index.php?sid=c607df0afb897deaaae14fb2816fb959 HTTP/1.1
36 4 60 http > 22312 [ACK] Seq=9570 Ack=3272 Win=169 Len=0
37 5 1514 [TCP segment of a reassembled PDU]
38 5 1514 [TCP segment of a reassembled PDU]
39 5 1275 [TCP segment of a reassembled PDU]
Wireshark: Find Packet
Find
By: Display filter Hex value String
Filter:
Search In
Packet list
Packet details
Packet bytes
String Options
Case sensitive
Character set:
ASCII Unicode & Non-Unicode
Direction
Up
Down
Help
Find
Cancel
User-Agent: Mozilla/5.0 (Windows NT 6.1; WOW64; rv:7.0.1) Gecko/20100101 Firefox/7.0.1\r\n
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8\r\n
Accept-Language: ru,en;q=0.7,en-us;q=0.3\r\n
Accept-Encoding: gzip, deflate\r\n
Accept-Charset: windows-1251,utf-8;q=0.7,*;q=0.7\r\n
DNT: 1\r\n
Connection: keep-alive\r\n
Referer: http://forum.modding.ru/login.php\r\n
[truncated] Cookie: phpbb2mysql_data=a%3A2%3A%7Bs%3A11%3A%22autologinid%22%3Bs%3A0%3A%22%22%3Bs%3A6%3A%22userid%22%3Bi%3A-1%3B%7D; phpbb2mysql_sid=c096be
Content-Type: application/x-www-form-urlencoded\r\n
Content-Length: 66\r\n
\r\n
[Full request URI: http://forum.modding.ru/login.php]
Line-based text data: application/x-www-form-urlencoded
username=A
0270 38 38 38 34 63 66 33 63 3b 20 5f 5f 75 74 6d 61 8884cf3c ; __utma
0280 3d 32 33 32 38 30 39 39 32 31 2e 36 30 31 37 32 =2328099 21.60172
0290 39 37 39 34 2e 31 33 32 34 38 30 34 32 37 30 2e 9794.132 4804270.
02a0 31 33 32 34 38 30 34 32 37 30 2e 31 33 32 34 38 13248042 70.13248
02b0 30 34 32 37 30 2e 31 3b 20 5f 5f 75 74 6d 62 3d 04270.1; __utmb=
02c0 32 33 32 38 30 39 39 32 31 2e 33 2e 31 30 2e 31 23280992 1.3.10.1
02d0 33 32 34 38 30 34 32 37 30 3b 20 5f 5f 75 74 6d 32480427 0; __utm
02e0 63 3d 32 33 32 38 30 39 39 32 31 3b 20 5f 5f 75 c=232809 921; __u
02f0 74 6d 7a 3d 32 33 32 38 30 39 39 32 31 2e 31 33 tmz=2328 09921.13
0300 32 34 38 30 34 32 37 30 2e 31 2e 31 2e 75 74 6d 24804270 .1.1.utm
0310 63 73 72 3d 28 64 69 72 65 63 74 29 7c 75 74 6d csr=(dir ect)|utm
0320 63 63 6e 3d 28 64 69 72 65 63 74 29 7c 75 74 6d ccn=(dir ect)|utm
0330 63 6d 64 3d 28 6e 6f 6e 65 29 0d 0a 43 6f 6e 74 cmd=(non e)..Cont
0340 65 6e 74 2d 54 79 70 65 3a 20 61 70 70 6c 69 63 ent-Type : applic
0350 61 74 69 6f 6e 2f 78 2d 77 77 77 2d 66 6f 72 6d ation/x- www-form
0360 2d 75 72 6c 65 6e 63 6f 64 65 64 0d 0a 43 6f 6e -urlenco ded..Con
0370 74 65 6e 74 2d 4c 65 6e 67 74 68 3a 20 36 36 0d tent-Len gth: 66.
0380 0a 0d 0a 75 73 65 72 6e 61 6d 65 3d 41 70 6f 66 ...usern ame=A
0390 69 67 65 6e 26 70 61 73 73 77 6f 72 64 3d 34 38 &pas sword=4
03a0 &redirec
03b0 t=&login =%C2%F5%
03c0 EE%E4
Text item (text), 66 bytes
Packets: 98 Displayed: 98 Marked: 0 Load time: 0:00.004
Profile: Default

File Edit View Go Capture Analyze Statistics Telephony Tools Internals Help

Filter: Expression... Clear Apply

No.	Time	Source	Destination	Protocol	Length	Info
25	3.077064	192.168.0.100	173.194.69.102	HTTP	942	GET /__utm.gif?utmwv=5.2.2&utms=3&utmn=951776479&utmhn=forum.modding.ru&utmcs=windows-12
26	3.077609					
27	3.088564					
28	3.112519					
29	3.133780					
30	3.316066					
31	3.336045					
32	4.812409					
33	4.864128					
34	4.917151					
35	4.923168					
36	4.934205					
37	5.144896					
38	5.145245					
39	5.145248					

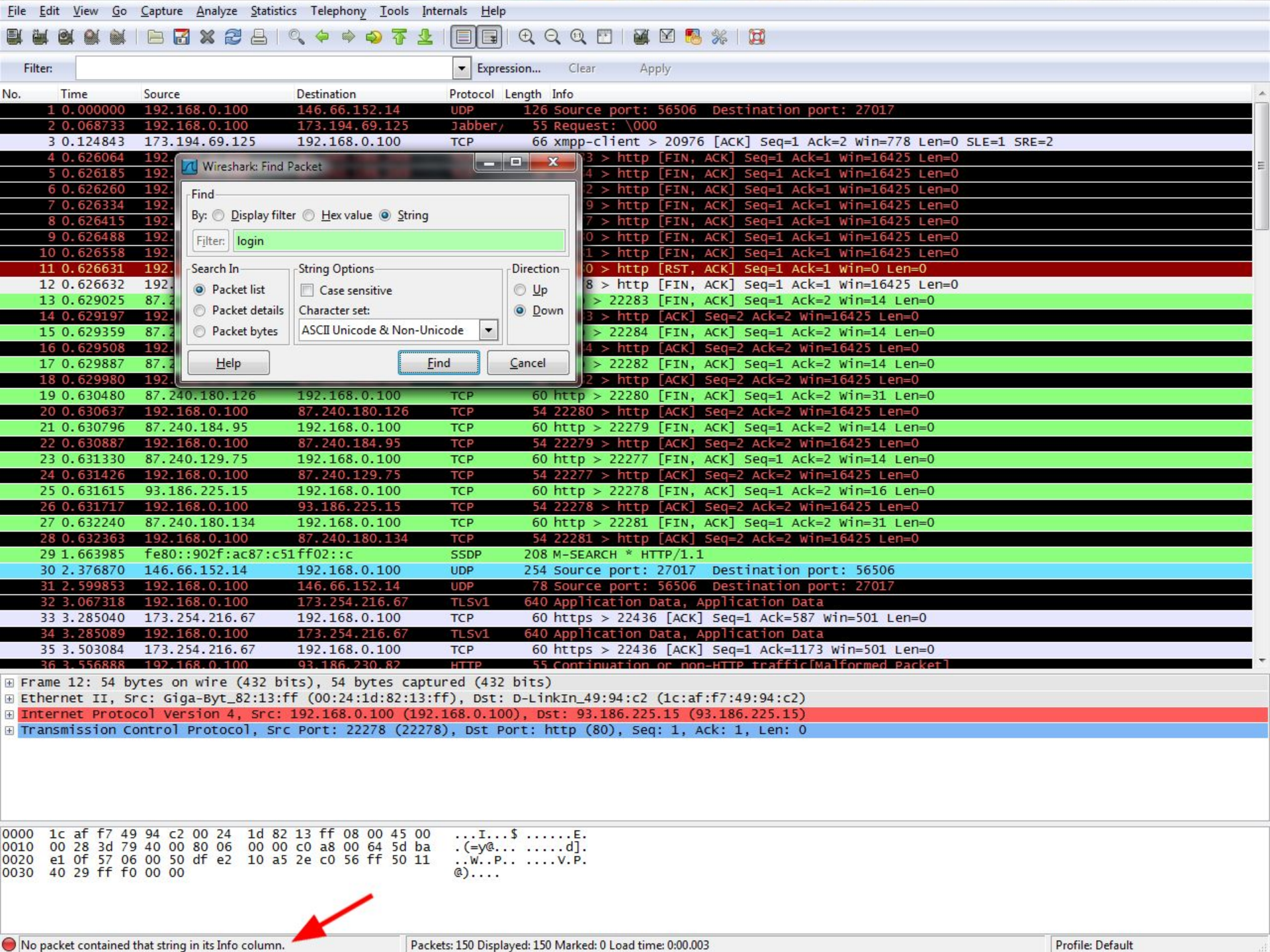
32 4.812409 192.168.0.100 217.23.137.61 HTTP 965 POST /login.php HTTP/1.1 (application/x-www-form-urlencoded)

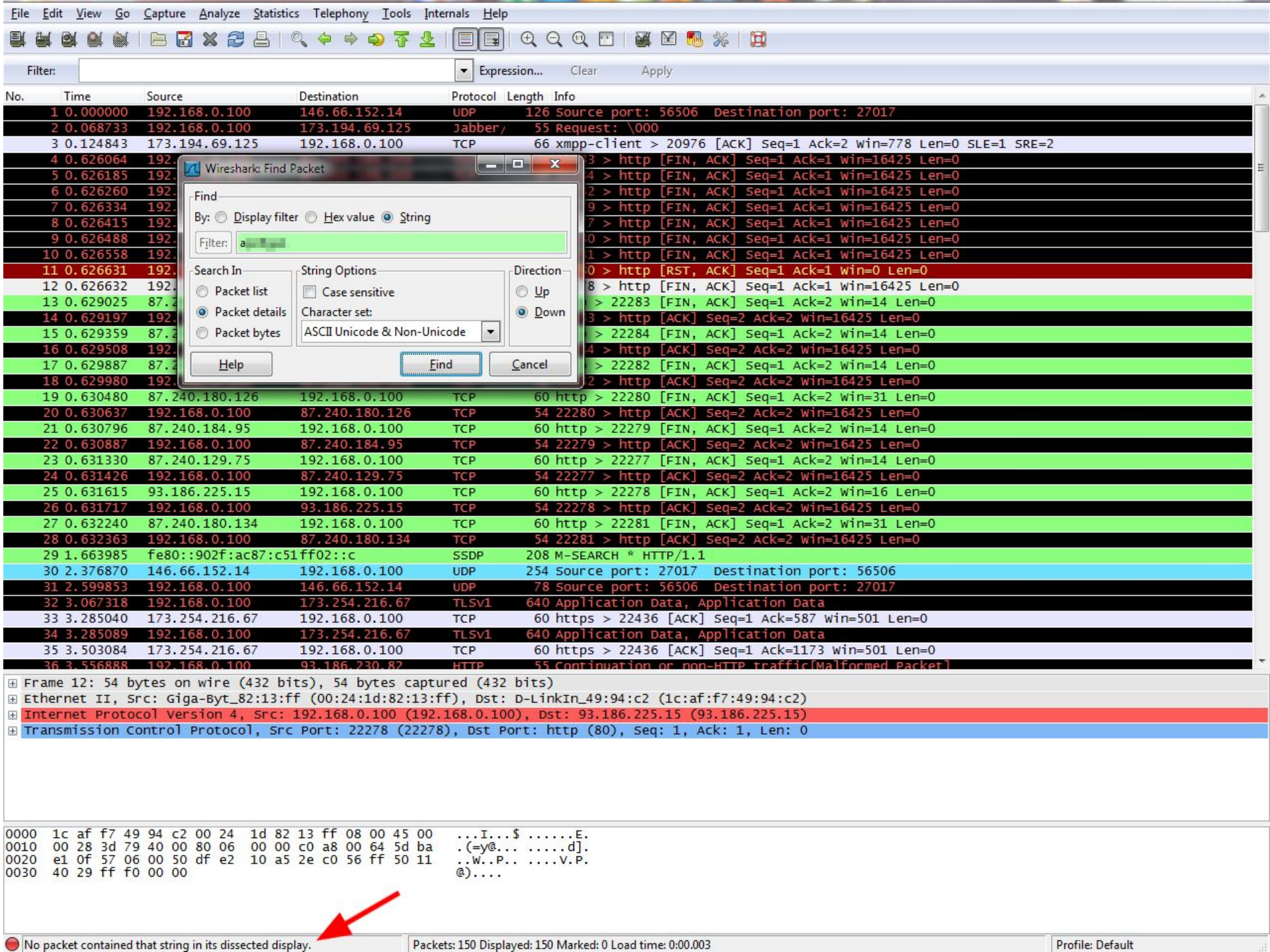
```
Accept-Charset: windows-1251,utf-8;q=0.7,*;q=0.7\r\n
DNT: 1\r\n
Connection: keep-alive\r\n
Referer: http://forum.modding.ru/login.php\r\n
[truncated] Cookie: phpbb2mysql_data=a%3A2%3A%7Bs%3A11%3A%22autologinid%22%3Bs%3A0%3A%22%22%3Bs%3A6%3A%22userid%22%
Content-Type: application/x-www-form-urlencoded\r\n
Content-Length: 66\r\n
\r\n
[Full request URI: http://forum.modding.ru/login.php]
Line-based text data: application/x-www-form-urlencoded
username=A[redacted]
```

```
01b0  74 70 3a 2f 2f 66 6f 72  75 6d 2e 6d 6f 64 64 69   tp://for um.moddi
01c0  6e 67 2e 72 75 2f 6c 6f  67 69 6e 2e 70 68 70 0d   ng.ru/lo gin.php.
01d0  0a 43 6f 6f 6b 69 65 3a  20 70 68 70 62 62 32 6d   .Cookie:  phpbb2m
01e0  79 73 71 6c 5f 64 61 74  61 3d 61 25 33 41 32 25   ysql_dat a=a%3A2%
01f0  33 41 25 37 42 73 25 33  41 31 31 25 33 41 25 32   3A%7Bs%3 A11%3A%2
0200  32 61 75 74 6f 6c 6f 67  69 6e 69 64 25 32 32 25   2autolog inid%22%
0210  33 42 73 25 33 41 30 25  33 41 25 32 32 25 32 32   3Bs%3A0% 3A%22%22
0220  25 33 42 73 25 33 41 36  25 33 41 25 32 32 75 73   %3Bs%3A6 %3A%22us
0230  65 72 69 64 25 32 32 25  33 42 69 25 33 41 2d 31   erid%22% 3Bi%3A-1
0240  25 33 42 25 37 44 3b 20  70 68 70 62 62 32 6d 79   %3B%7D;  phpbb2my
0250  73 71 6c 5f 73 69 64 3d  63 30 39 36 62 65 32 36   sql_sid= c096be26
0260  35 65 37 30 62 30 31 63  62 38 35 30 64 66 33 39   5e70b01c b850df39
0270  38 38 38 34 63 66 33 63  3b 20 5f 5f 75 74 6d 61   8884cf3c ; __utma
0280  3d 32 33 32 38 30 39 39  32 31 2e 36 30 31 37 32   =2328099 21.60172
0290  39 37 39 34 2e 31 33 32  34 38 30 34 32 37 30 2e   9794.132 4804270.
02a0  31 33 32 34 38 30 34 32  37 30 2e 31 33 32 34 38   13248042 70.13248
02b0  30 34 32 37 30 2e 31 3b  20 5f 5f 75 74 6d 62 3d   04270.1;  __utmb=
02c0  32 33 32 38 30 39 39 32  31 2e 33 2e 31 30 2e 31   23280992 1.3.10.1
02d0  33 32 34 38 30 34 32 37  30 3b 20 5f 5f 75 74 6d   32480427 0; __utm
02e0  63 3d 32 33 32 38 30 39  39 32 31 3b 20 5f 5f 75   c=232809 921; __u
02f0  74 6d 7a 3d 32 33 32 38  30 39 39 32 31 2e 31 33   tmz=2328 09921.13
0300  32 34 38 30 34 32 37 30  2e 31 2e 31 2e 75 74 6d   24804270 .1.1.utm
0310  63 73 72 3d 28 64 69 72  65 63 74 29 7c 75 74 6d   csr=(dir ect)|utm
0320  63 63 6e 3d 28 64 69 72  65 63 74 29 7c 75 74 6d   ccn=(dir ect)|utm
0330  63 6d 64 3d 28 6e 6f 6e  65 29 0d 0a 43 6f 6e 74   cmd=(non e)..Cont
0340  65 6e 74 2d 54 79 70 65  3a 20 61 70 70 6c 69 63   ent-Type : applic
0350  61 74 69 6f 6e 2f 78 2d  77 77 77 2d 66 6f 72 6d   ation/x- www-form
0360  2d 75 72 6c 65 6e 63 6f  64 65 64 0d 0a 43 6f 6e   -urlenco ded..Con
0370  74 65 6e 74 2d 4c 65 6e  67 74 68 3a 20 36 36 0d   tent-Len gth: 66.
0380  0a 0d 0a 75 73 65 72 6e  61 6d 65 3d 41 70 6f 66   ...usern ame=A[redacted]
0390  69 67 65 6e 26 70 61 73  73 77 6f 72 64 3d 34 38   [redacted]&pas sword=48
03a0  31 35 31 36 32 33 34 32  26 72 65 64 69 72 65 63   [redacted] &redirec
03b0  74 3d 26 6c 6f 67 69 6e  3d 25 43 32 25 46 35 25   t=&login =%C2%F5%
03c0  45 45 25 45 34                                     EE%E4
```

```
0000  1c af f7 49 9
0010  03 b7 34 1e 4
0020  89 3d 57 28 (
0030  3f f1 27 0b (
0040  6e 2e 70 68 7
0050  48 6f 73 74 3
0060  69 6e 67 2e 7
0070  6e 74 3a 20 4
0080  28 57 69 6e 6
0090  20 57 4f 57 3
00a0  29 20 47 65 6
00b0  20 46 69 72 6
00c0  41 63 63 65 7
00d0  6c 2c 61 70 7
00e0  74 6d 6c 2b 7
00f0  69 6f 6e 2f 7
0100  2a 3b 71 3d 30 2e 38 0d  0a 41 63 63 65 70 74 2d   *;q=0.8. .Accept-
0110  4c 61 6e 67 75 61 67 65  3a 20 72 75 2c 65 6e 3b   Language : ru,en;
0120  71 3d 30 2e 37 2c 65 6e  2d 75 73 3b 71 3d 30 2e   q=0.7,en -us;q=0.
0130  33 0d 0a 41 63 63 65 70  74 2d 45 6e 63 6f 64 69   3..Accep t-Encodi
0140  6e 67 3a 20 67 7a 69 70  2c 20 64 65 66 6c 61 74   ng: gzip , deflat
0150  65 0d 0a 41 63 63 65 70  74 2d 43 68 61 72 73 65   e..Accep t-Charse
0160  74 3a 20 77 69 6e 64 6f  77 73 2d 31 32 35 31 2c   t: windo ws-1251,
```

File: "C:\Users\Kakao\Desktop\moddin login dump.pcap" 79 KB 00:00:... | Packets: 98 Displayed: 98 Marked: 0 Load time: 0:00.004 | Profile: Default


File Edit View Go Capture Analyze Statistics Telephony Tools Internals Help
Filter: Expression... Clear Apply
No. Time Source Destination Protocol Length Info
1 0.000000 192.168.0.100 146.66.152.14 UDP 126 Source port: 56506 Destination port: 27017
2 0.068733 192.168.0.100 173.194.69.125 Jabber/ 55 Request: \000
3 0.124843 173.194.69.125 192.168.0.100 TCP 66 xmpp-client > 20976 [ACK] Seq=1 Ack=2 Win=778 Len=0 SLE=1 SRE=2
4 0.626064 192. > http [FIN, ACK] Seq=1 Ack=1 Win=16425 Len=0
5 0.626185 192. > http [FIN, ACK] Seq=1 Ack=1 Win=16425 Len=0
6 0.626260 192. > http [FIN, ACK] Seq=1 Ack=1 Win=16425 Len=0
7 0.626334 192. > http [FIN, ACK] Seq=1 Ack=1 Win=16425 Len=0
8 0.626415 192. > http [FIN, ACK] Seq=1 Ack=1 Win=16425 Len=0
9 0.626488 192. > http [FIN, ACK] Seq=1 Ack=1 Win=16425 Len=0
10 0.626558 192. > http [FIN, ACK] Seq=1 Ack=1 Win=16425 Len=0
11 0.626631 192. > http [RST, ACK] Seq=1 Ack=1 Win=0 Len=0
12 0.626632 192. > http [FIN, ACK] Seq=1 Ack=1 Win=16425 Len=0
13 0.629025 87.2 > 22283 [FIN, ACK] Seq=1 Ack=2 Win=14 Len=0
14 0.629197 192. > http [ACK] Seq=2 Ack=2 Win=16425 Len=0
15 0.629359 87.2 > 22284 [FIN, ACK] Seq=1 Ack=2 Win=14 Len=0
16 0.629508 192. > http [ACK] Seq=2 Ack=2 Win=16425 Len=0
17 0.629887 87.2 > 22282 [FIN, ACK] Seq=1 Ack=2 Win=14 Len=0
18 0.629980 192. > http [ACK] Seq=2 Ack=2 Win=16425 Len=0
19 0.630480 87.240.180.126 192.168.0.100 TCP 60 http > 22280 [FIN, ACK] Seq=1 Ack=2 Win=31 Len=0
20 0.630637 192.168.0.100 87.240.180.126 TCP 54 22280 > http [ACK] Seq=2 Ack=2 Win=16425 Len=0
21 0.630796 87.240.184.95 192.168.0.100 TCP 60 http > 22279 [FIN, ACK] Seq=1 Ack=2 Win=14 Len=0
22 0.630887 192.168.0.100 87.240.184.95 TCP 54 22279 > http [ACK] Seq=2 Ack=2 Win=16425 Len=0
23 0.631330 87.240.129.75 192.168.0.100 TCP 60 http > 22277 [FIN, ACK] Seq=1 Ack=2 Win=14 Len=0
24 0.631426 192.168.0.100 87.240.129.75 TCP 54 22277 > http [ACK] Seq=2 Ack=2 Win=16425 Len=0
25 0.631615 93.186.225.15 192.168.0.100 TCP 60 http > 22278 [FIN, ACK] Seq=1 Ack=2 Win=16 Len=0
26 0.631717 192.168.0.100 93.186.225.15 TCP 54 22278 > http [ACK] Seq=2 Ack=2 Win=16425 Len=0
27 0.632240 87.240.180.134 192.168.0.100 TCP 60 http > 22281 [FIN, ACK] Seq=1 Ack=2 Win=31 Len=0
28 0.632363 192.168.0.100 87.240.180.134 TCP 54 22281 > http [ACK] Seq=2 Ack=2 Win=16425 Len=0
29 1.663985 fe80::902f:ac87:c51 ff02::c SSDP 208 M-SEARCH * HTTP/1.1
30 2.376870 146.66.152.14 192.168.0.100 UDP 254 Source port: 27017 Destination port: 56506
31 2.599853 192.168.0.100 146.66.152.14 UDP 78 Source port: 56506 Destination port: 27017
32 3.067318 192.168.0.100 173.254.216.67 TLSv1 640 Application Data, Application Data
33 3.285040 173.254.216.67 192.168.0.100 TCP 60 https > 22436 [ACK] Seq=1 Ack=587 Win=501 Len=0
34 3.285089 192.168.0.100 173.254.216.67 TLSv1 640 Application Data, Application Data
35 3.503084 173.254.216.67 192.168.0.100 TCP 60 https > 22436 [ACK] Seq=1 Ack=1173 Win=501 Len=0
36 3.556888 192.168.0.100 93.186.230.82 HTTP 55 Continuation or non-HTTP traffic[Malformed Packet]
Wireshark: Find Packet
Find
By: Display filter Hex value String
Filter: login
Search In
Packet list
Packet details
Packet bytes
String Options
Case sensitive
Character set:
ASCII Unicode & Non-Unicode
Direction
Up
Down
Help
Find
Cancel
Frame 12: 54 bytes on wire (432 bits), 54 bytes captured (432 bits)
Ethernet II, Src: Giga-Byt_82:13:ff (00:24:1d:82:13:ff), Dst: D-LinkIn_49:94:c2 (1c:af:f7:49:94:c2)
Internet Protocol Version 4, Src: 192.168.0.100 (192.168.0.100), Dst: 93.186.225.15 (93.186.225.15)
Transmission Control Protocol, Src Port: 22278 (22278), Dst Port: http (80), Seq: 1, Ack: 1, Len: 0
0000 1c af f7 49 94 c2 00 24 1d 82 13 ff 08 00 45 00 ...I...$ ......E.
0010 00 28 3d 79 40 00 80 06 00 00 c0 a8 00 64 5d ba .(=y@... .....d].
0020 e1 0f 57 06 00 50 df e2 10 a5 2e c0 56 ff 50 11 ..W..P.. ....V.P.
0030 40 29 ff f0 00 00 @)....
No packet contained that string in its Info column.
Packets: 150 Displayed: 150 Marked: 0 Load time: 0:00.003
Profile: Default


File Edit View Go Capture Analyze Statistics Telephony Tools Internals Help
Filter: Expression... Clear Apply
No. Time Source Destination Protocol Length Info
1 0.000000 192.168.0.100 146.66.152.14 UDP 126 Source port: 56506 Destination port: 27017
2 0.068733 192.168.0.100 173.194.69.125 Jabber/ 55 Request: \000
3 0.124843 173.194.69.125 192.168.0.100 TCP 66 xmpp-client > 20976 [ACK] Seq=1 Ack=2 Win=778 Len=0 SLE=1 SRE=2
4 0.626064 192. 3 > http [FIN, ACK] Seq=1 Ack=1 Win=16425 Len=0
5 0.626185 192. 4 > http [FIN, ACK] Seq=1 Ack=1 Win=16425 Len=0
6 0.626260 192. 2 > http [FIN, ACK] Seq=1 Ack=1 Win=16425 Len=0
7 0.626334 192. 9 > http [FIN, ACK] Seq=1 Ack=1 Win=16425 Len=0
8 0.626415 192. 7 > http [FIN, ACK] Seq=1 Ack=1 Win=16425 Len=0
9 0.626488 192. 0 > http [FIN, ACK] Seq=1 Ack=1 Win=16425 Len=0
10 0.626558 192. 1 > http [FIN, ACK] Seq=1 Ack=1 Win=16425 Len=0
11 0.626631 192. 0 > http [RST, ACK] Seq=1 Ack=1 Win=0 Len=0
12 0.626632 192. 8 > http [FIN, ACK] Seq=1 Ack=1 Win=16425 Len=0
13 0.629025 87.2 > 22283 [FIN, ACK] Seq=1 Ack=2 Win=14 Len=0
14 0.629197 192. 3 > http [ACK] Seq=2 Ack=2 Win=16425 Len=0
15 0.629359 87.2 > 22284 [FIN, ACK] Seq=1 Ack=2 Win=14 Len=0
16 0.629508 192. 4 > http [ACK] Seq=2 Ack=2 Win=16425 Len=0
17 0.629887 87.2 > 22282 [FIN, ACK] Seq=1 Ack=2 Win=14 Len=0
18 0.629980 192. 2 > http [ACK] Seq=2 Ack=2 Win=16425 Len=0
19 0.630480 87.240.180.126 192.168.0.100 TCP 60 http > 22280 [FIN, ACK] Seq=1 Ack=2 Win=31 Len=0
20 0.630637 192.168.0.100 87.240.180.126 TCP 54 22280 > http [ACK] Seq=2 Ack=2 Win=16425 Len=0
21 0.630796 87.240.184.95 192.168.0.100 TCP 60 http > 22279 [FIN, ACK] Seq=1 Ack=2 Win=14 Len=0
22 0.630887 192.168.0.100 87.240.184.95 TCP 54 22279 > http [ACK] Seq=2 Ack=2 Win=16425 Len=0
23 0.631330 87.240.129.75 192.168.0.100 TCP 60 http > 22277 [FIN, ACK] Seq=1 Ack=2 Win=14 Len=0
24 0.631426 192.168.0.100 87.240.129.75 TCP 54 22277 > http [ACK] Seq=2 Ack=2 Win=16425 Len=0
25 0.631615 93.186.225.15 192.168.0.100 TCP 60 http > 22278 [FIN, ACK] Seq=1 Ack=2 Win=16 Len=0
26 0.631717 192.168.0.100 93.186.225.15 TCP 54 22278 > http [ACK] Seq=2 Ack=2 Win=16425 Len=0
27 0.632240 87.240.180.134 192.168.0.100 TCP 60 http > 22281 [FIN, ACK] Seq=1 Ack=2 Win=31 Len=0
28 0.632363 192.168.0.100 87.240.180.134 TCP 54 22281 > http [ACK] Seq=2 Ack=2 Win=16425 Len=0
29 1.663985 fe80::902f:ac87:c51 ff02::c SSDP 208 M-SEARCH * HTTP/1.1
30 2.376870 146.66.152.14 192.168.0.100 UDP 254 Source port: 27017 Destination port: 56506
31 2.599853 192.168.0.100 146.66.152.14 UDP 78 Source port: 56506 Destination port: 27017
32 3.067318 192.168.0.100 173.254.216.67 TLSv1 640 Application Data, Application Data
33 3.285040 173.254.216.67 192.168.0.100 TCP 60 https > 22436 [ACK] Seq=1 Ack=587 Win=501 Len=0
34 3.285089 192.168.0.100 173.254.216.67 TLSv1 640 Application Data, Application Data
35 3.503084 173.254.216.67 192.168.0.100 TCP 60 https > 22436 [ACK] Seq=1 Ack=1173 Win=501 Len=0
36 3.556888 192.168.0.100 93.186.230.82 HTTP 55 Continuation or non-HTTP traffic[Malformed Packet]
Wireshark: Find Packet
Find
By: Display filter Hex value String
Filter: a
Search In
Packet list
Packet details
Packet bytes
String Options
Case sensitive
Character set:
ASCII Unicode & Non-Unicode
Direction
Up
Down
Help
Find
Cancel
Frame 12: 54 bytes on wire (432 bits), 54 bytes captured (432 bits)
Ethernet II, Src: Giga-Byt_82:13:ff (00:24:1d:82:13:ff), Dst: D-LinkIn_49:94:c2 (1c:af:f7:49:94:c2)
Internet Protocol Version 4, Src: 192.168.0.100 (192.168.0.100), Dst: 93.186.225.15 (93.186.225.15)
Transmission Control Protocol, Src Port: 22278 (22278), Dst Port: http (80), Seq: 1, Ack: 1, Len: 0
0000 1c af f7 49 94 c2 00 24 1d 82 13 ff 08 00 45 00 ...I...$ ......E.
0010 00 28 3d 79 40 00 80 06 00 00 c0 a8 00 64 5d ba .(=y@... .....d].
0020 e1 0f 57 06 00 50 df e2 10 a5 2e c0 56 ff 50 11 ..W..P.. ....V.P.
0030 40 29 ff f0 00 00 @)....
No packet contained that string in its dissected display.
Packets: 150 Displayed: 150 Marked: 0 Load time: 0:00.003
Profile: Default

File Edit View Go Capture Analyze Statistics Telephony Tools Internals Help

Filter: http Expression... Clear Apply

No.	Time	Source	Destination	Protocol	Length	Info
29	1.663985	fe80::902f:ac87:c51	ff02::c	SSDP	208	M-SEARCH * HTTP/1.1
36	3.556888	192.168.0.100	93.186.230.82	HTTP	55	Continuation or non-HTTP traffic[Malformed Packet]
45	4.664086	fe80::902f:ac87:c51	ff02::c	SSDP	208	M-SEARCH * HTTP/1.1
47	5.285944	192.168.0.100	87.240.143.244	HTTP	55	Continuation or non-HTTP traffic[Malformed Packet]
54	5.943966	192.168.0.100	87.242.112.250	HTTP	55	Continuation or non-HTTP traffic[Malformed Packet]
55	5.953958	192.168.0.100	87.242.112.250	HTTP	55	Continuation or non-HTTP traffic[Malformed Packet]
56	5.954001	192.168.0.100	87.242.112.250	HTTP	55	Continuation or non-HTTP traffic[Malformed Packet]
60	5.963939	192.168.0.100	87.242.112.250	HTTP	55	Continuation or non-HTTP traffic[Malformed Packet]
61	5.963978	192.168.0.100	87.242.112.250	HTTP	55	Continuation or non-HTTP traffic[Malformed Packet]
65	6.3339					
113	7.6641					

65 6.333989 192.168.0.100 87.242.112.250 HTTP 55 Continuation or non-HTTP traffic[Malformed Packet]

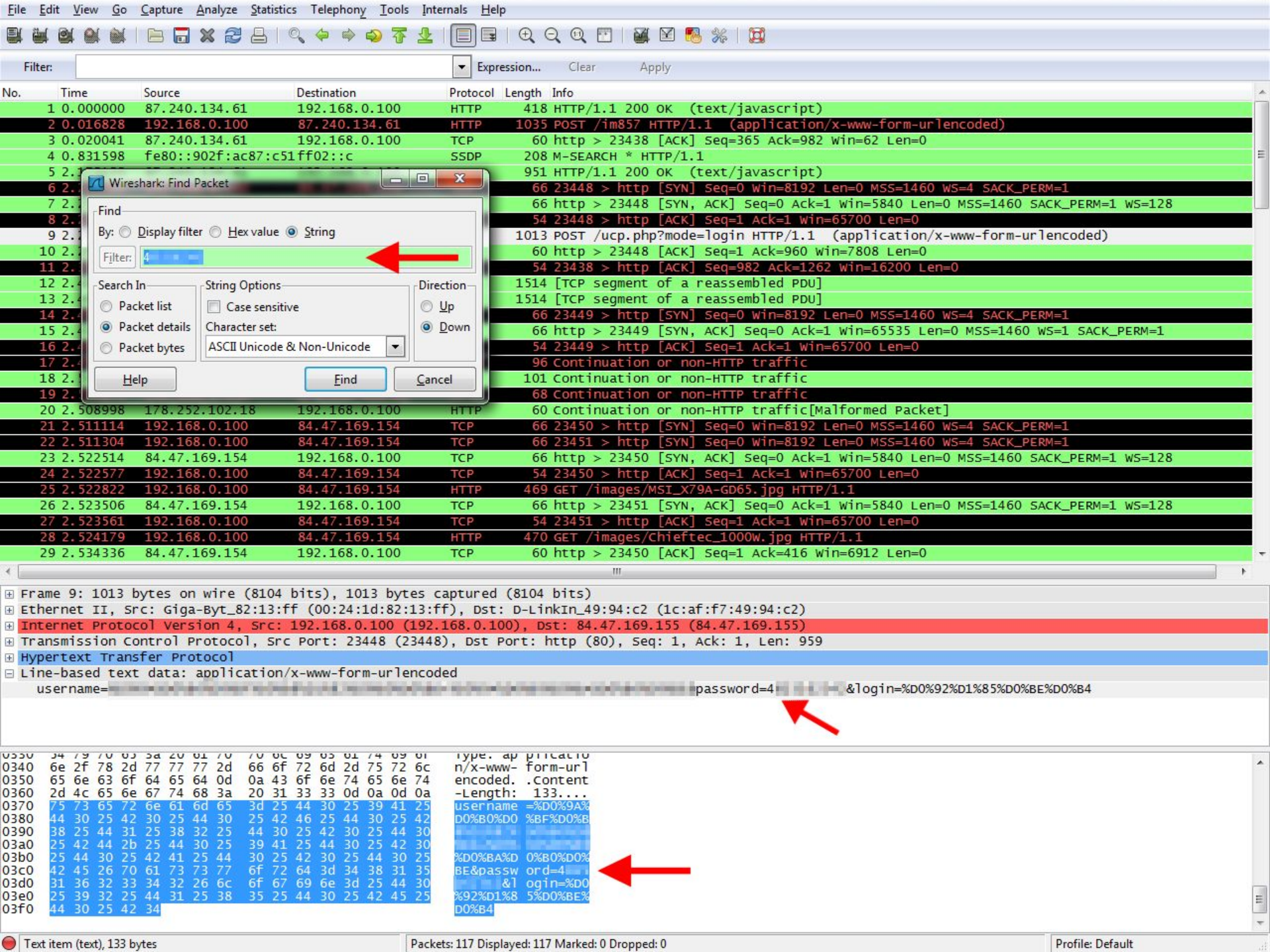
```
Frame 65: 55 bytes on wire (440 bits), 55 bytes captured (440 bits)
Ethernet II, Src: Giga-Byt_82:13:ff (00:24:1d:82:13:ff), Dst: D-LinkIn_49:94:c2 (1c:af:f7:49:94:c2)
Internet Protocol Version 4, Src: 192.168.0.100 (192.168.0.100), Dst: 87.242.112.250 (87.242.112.250)
Transmission Control Protocol, Src Port: 22404 (22404), Dst Port: http (80), Seq: 1, Ack: 1, Len: 1
Hypertext Transfer Protocol
[Malformed Packet: GIF image]
```

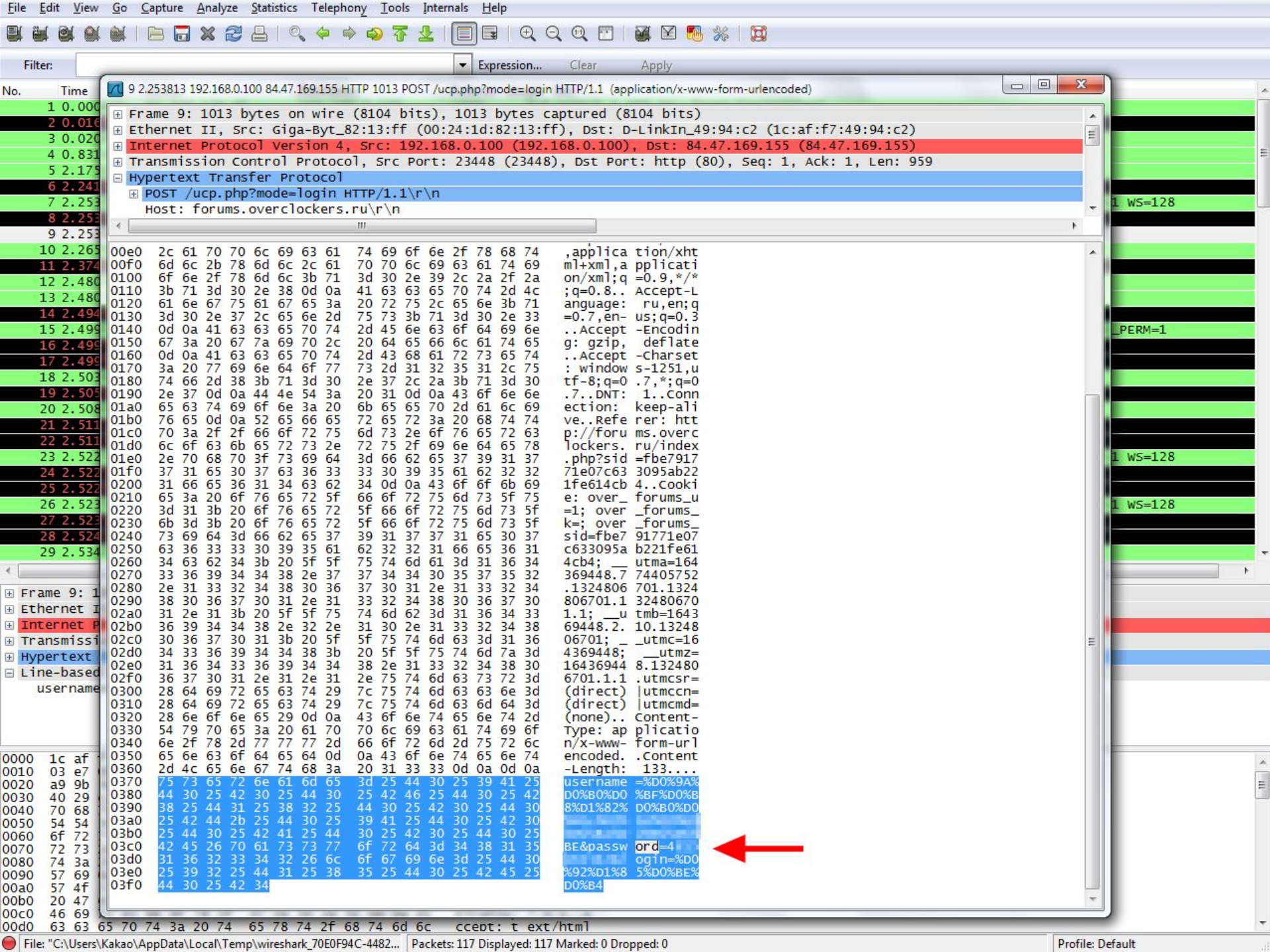
```
0000  1c af f7 49 94 c2 00 24  1d 82 13 ff 08 00 45 00   ...I...$ ......E.
0010  00 29 3d 92 40 00 80 06  00 00 c0 a8 00 64 57 f2   .)=.@... .....dW.
0020  70 fa 57 84 00 50 e1 ca  f0 67 42 8f 8c 46 50 10   p.W..P.. .gB..FP.
0030  40 29 8a 14 00 00 00                              @).....
```

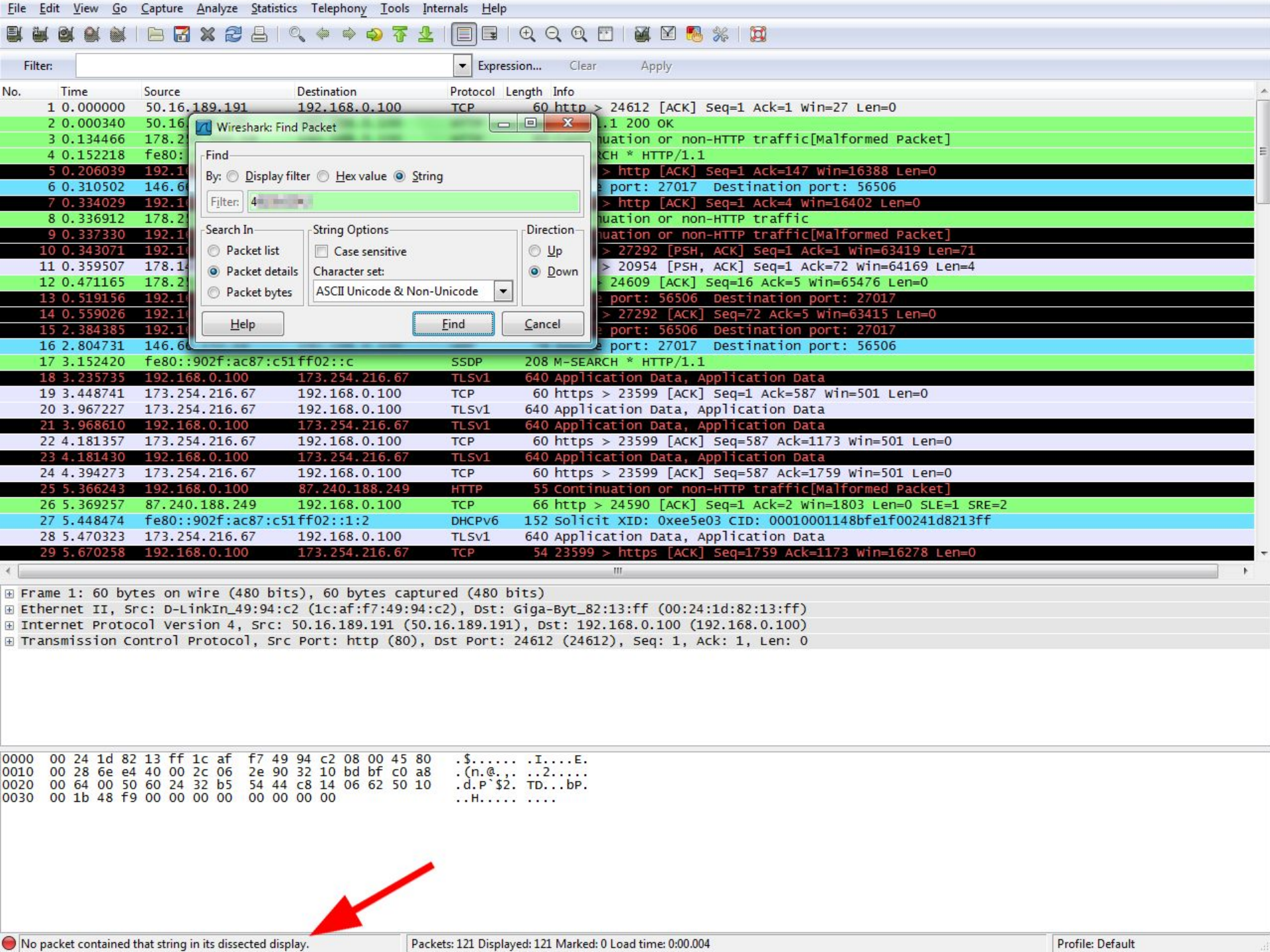

```
Frame 65: 55 bytes on wire (440 bits), 55 bytes captured (440 bits)
Ethernet II, Src: Giga-Byt_82:13:ff (00:24:1d:82:13:ff), Dst: D-LinkIn_49:94:c2 (1c:af:f7:49:94:c2)
Internet Protocol Version 4, Src: 192.168.0.100 (192.168.0.100), Dst: 87.242.112.250 (87.242.112.250)
Transmission Control Protocol, Src Port: 22404 (22404), Dst Port: http (80), Seq: 1, Ack: 1, Len: 1
Hypertext Transfer Protocol
[Malformed Packet: GIF image]
```

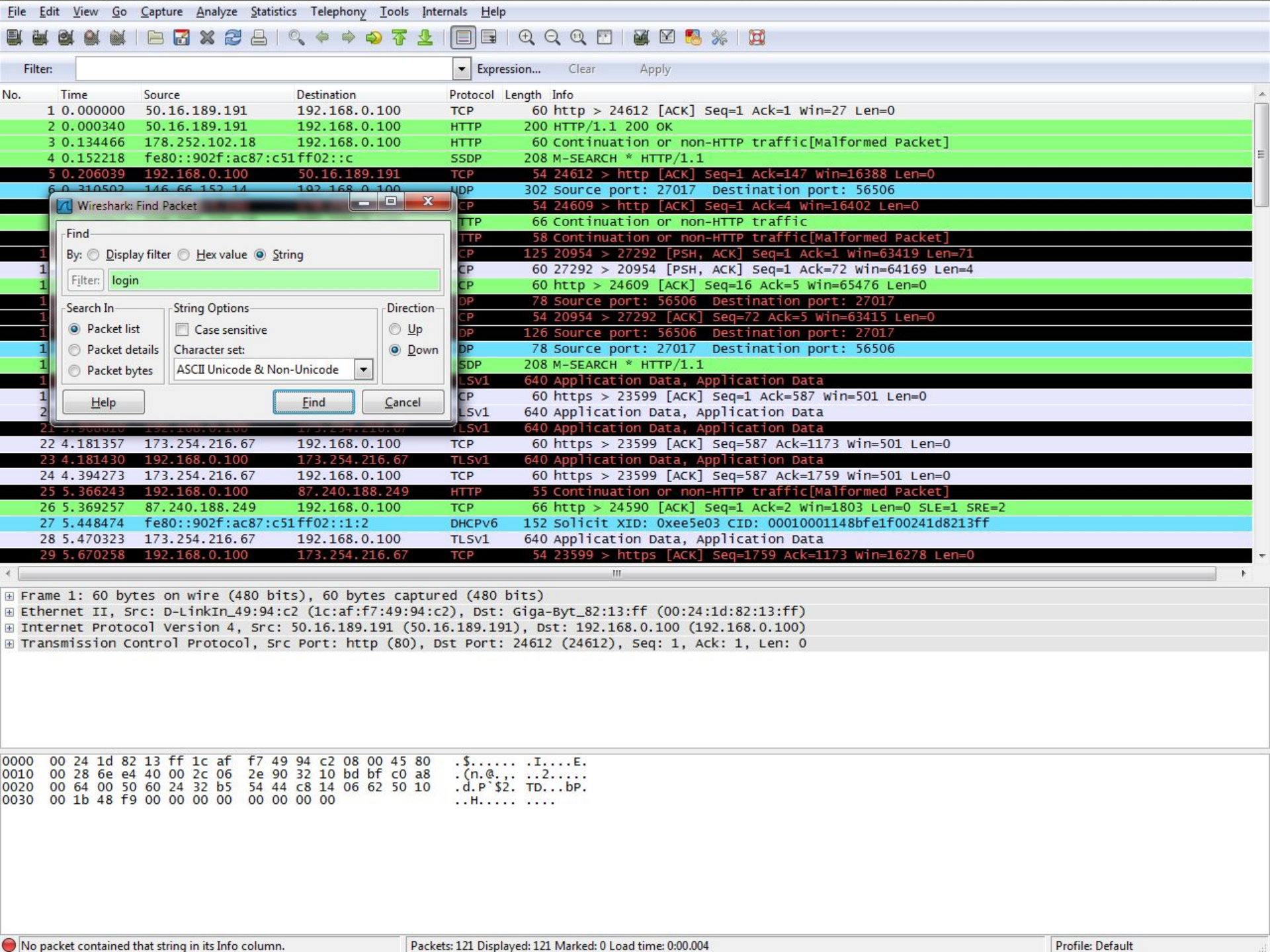
```
0000  1c af f7 49 94 c2 00 24  1d 82 13 ff 08 00 45 00   ...I...$ ......E.
0010  00 29 3d 92 40 00 80 06  00 00 c0 a8 00 64 57 f2   .)=.@... .....dW.
0020  70 fa 57 84 00 50 e1 ca  f0 67 42 8f 8c 46 50 10   p.W..P.. .gB..FP.
0030  40 29 8a 14 00 00 00                              @).....
```

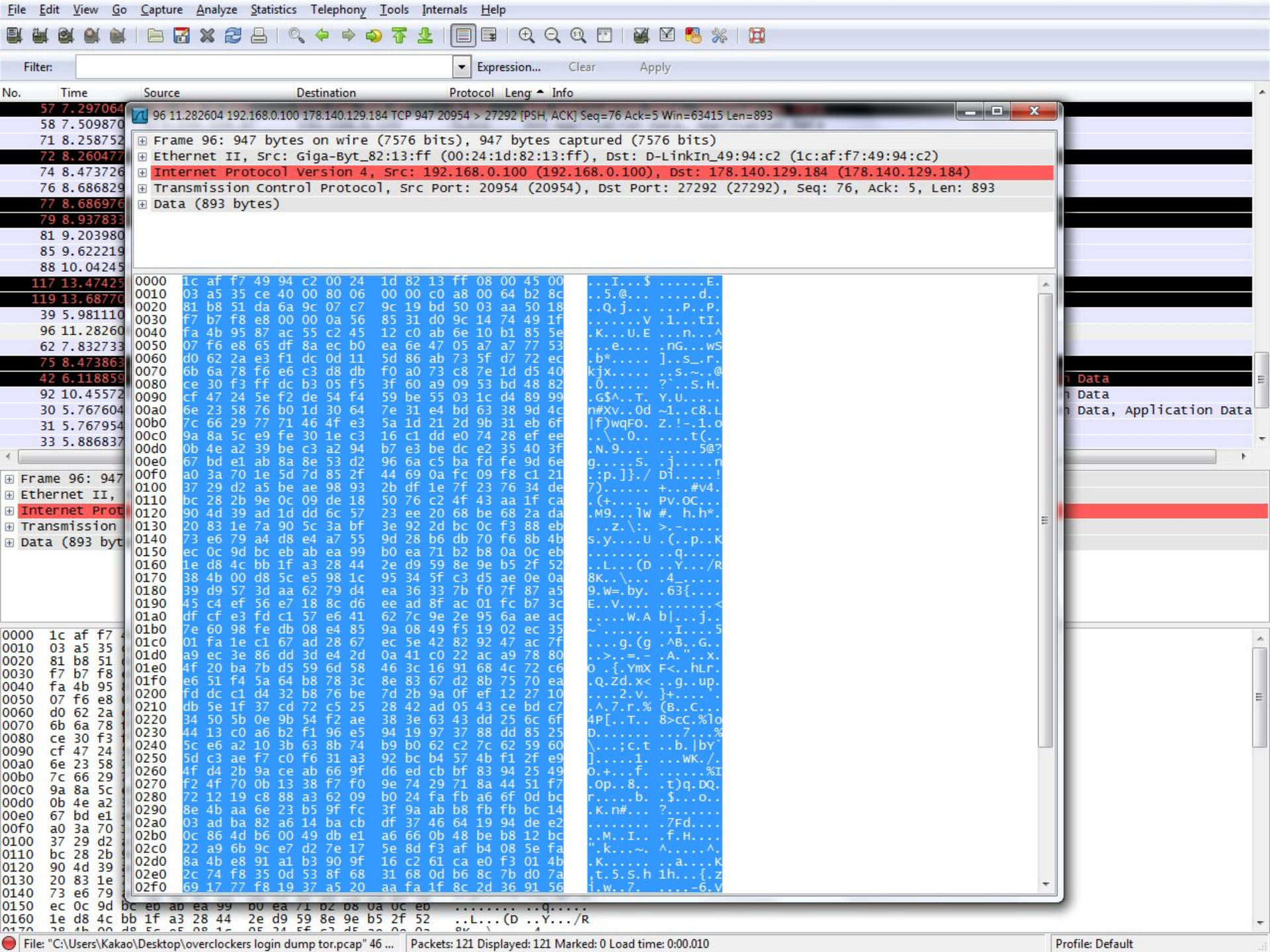

File: "C:\Users\Kakao\Desktop\moddin login dump tor.pcap" 80 KB 00... Packets: 150 Displayed: 11 Marked: 0 Load time: 0:00.015 Profile: Default


File Edit View Go Capture Analyze Statistics Telephony Tools Internals Help
Filter: Expression... Clear Apply
No. Time Source Destination Protocol Length Info
1 0.000000 87.240.134.61 192.168.0.100 HTTP 418 HTTP/1.1 200 OK (text/javascript)
2 0.016828 192.168.0.100 87.240.134.61 HTTP 1035 POST /im857 HTTP/1.1 (application/x-www-form-urlencoded)
3 0.020041 87.240.134.61 192.168.0.100 TCP 60 http > 23438 [ACK] Seq=365 Ack=982 Win=62 Len=0
4 0.831598 fe80::902f:ac87:c51 ff02::c SSDP 208 M-SEARCH * HTTP/1.1
5 2.1 951 HTTP/1.1 200 OK (text/javascript)
6 2. 66 23448 > http [SYN] Seq=0 Win=8192 Len=0 MSS=1460 WS=4 SACK_PERM=1
7 2. 66 http > 23448 [SYN, ACK] Seq=0 Ack=1 Win=5840 Len=0 MSS=1460 SACK_PERM=1 WS=128
8 2. 54 23448 > http [ACK] Seq=1 Ack=1 Win=65700 Len=0
9 2.7 1013 POST /ucp.php?mode=login HTTP/1.1 (application/x-www-form-urlencoded)
10 2.3 60 http > 23448 [ACK] Seq=1 Ack=960 Win=7808 Len=0
11 2. 54 23438 > http [ACK] Seq=982 Ack=1262 Win=16200 Len=0
12 2.4 1514 [TCP segment of a reassembled PDU]
13 2.4 1514 [TCP segment of a reassembled PDU]
14 2. 66 23449 > http [SYN] Seq=0 Win=8192 Len=0 MSS=1460 WS=4 SACK_PERM=1
15 2.4 66 http > 23449 [SYN, ACK] Seq=0 Ack=1 Win=65535 Len=0 MSS=1460 WS=1 SACK_PERM=1
16 2.4 54 23449 > http [ACK] Seq=1 Ack=1 Win=65700 Len=0
17 2.4 96 Continuation or non-HTTP traffic
18 2.1 101 Continuation or non-HTTP traffic
19 2. 68 Continuation or non-HTTP traffic
20 2.508998 178.252.102.18 192.168.0.100 HTTP 60 Continuation or non-HTTP traffic[Malformed Packet]
21 2.511114 192.168.0.100 84.47.169.154 TCP 66 23450 > http [SYN] Seq=0 Win=8192 Len=0 MSS=1460 WS=4 SACK_PERM=1
22 2.511304 192.168.0.100 84.47.169.154 TCP 66 23451 > http [SYN] Seq=0 Win=8192 Len=0 MSS=1460 WS=4 SACK_PERM=1
23 2.522514 84.47.169.154 192.168.0.100 TCP 66 http > 23450 [SYN, ACK] Seq=0 Ack=1 Win=5840 Len=0 MSS=1460 SACK_PERM=1 WS=128
24 2.522577 192.168.0.100 84.47.169.154 TCP 54 23450 > http [ACK] Seq=1 Ack=1 Win=65700 Len=0
25 2.522822 192.168.0.100 84.47.169.154 HTTP 469 GET /images/MSI_X79A-GD65.jpg HTTP/1.1
26 2.523506 84.47.169.154 192.168.0.100 TCP 66 http > 23451 [SYN, ACK] Seq=0 Ack=1 Win=5840 Len=0 MSS=1460 SACK_PERM=1 WS=128
27 2.523561 192.168.0.100 84.47.169.154 TCP 54 23451 > http [ACK] Seq=1 Ack=1 Win=65700 Len=0
28 2.524179 192.168.0.100 84.47.169.154 HTTP 470 GET /images/Chieftec_1000W.jpg HTTP/1.1
29 2.534336 84.47.169.154 192.168.0.100 TCP 60 http > 23450 [ACK] Seq=1 Ack=416 Win=6912 Len=0
Wireshark: Find Packet
Find
By: Display filter Hex value String
Filter:
Search In
Packet list
Packet details
Packet bytes
String Options
Case sensitive
Character set:
ASCII Unicode & Non-Unicode
Direction
Up
Down
Help
Find
Cancel
Frame 9: 1013 bytes on wire (8104 bits), 1013 bytes captured (8104 bits)
Ethernet II, Src: Giga-Byt_82:13:ff (00:24:1d:82:13:ff), Dst: D-LinkIn_49:94:c2 (1c:af:f7:49:94:c2)
Internet Protocol Version 4, Src: 192.168.0.100 (192.168.0.100), Dst: 84.47.169.155 (84.47.169.155)
Transmission Control Protocol, Src Port: 23448 (23448), Dst Port: http (80), Seq: 1, Ack: 1, Len: 959
Hypertext Transfer Protocol
Line-based text data: application/x-www-form-urlencoded
username=
password=4
&login=%D0%92%D1%85%D0%BE%D0%B4
0340 6e 2f 78 2d 77 77 77 2d 66 6f 72 6d 2d 75 72 6c n/x-www- form-url
0350 65 6e 63 6f 64 65 64 0d 0a 43 6f 6e 74 65 6e 74 encoded. .Content
0360 2d 4c 65 6e 67 74 68 3a 20 31 33 33 0d 0a 0d 0a -Length: 133....
0370 75 73 65 72 6e 61 6d 65 3d 25 44 30 25 39 41 25 username =%D0%9A%
0380 44 30 25 42 30 25 44 30 25 42 46 25 44 30 25 42 D0%B0%D0 %BF%D0%B
0390 38 25 44 31 25 38 32 25 44 30 25 42 30 25 44 30
03a0 25 42 44 2b 25 44 30 25 39 41 25 44 30 25 42 30
03b0 25 44 30 25 42 41 25 44 30 25 42 30 25 44 30 25 %D0%BA%D 0%B0%D0%
03c0 42 45 26 70 61 73 73 77 6f 72 64 3d 34 38 31 35 BE&passw ord=4
03d0 31 36 32 33 34 32 26 6c 6f 67 69 6e 3d 25 44 30 &l ogin=%D0
03e0 25 39 32 25 44 31 25 38 35 25 44 30 25 42 45 25 %92%D1%8 5%D0%BE%
03f0 44 30 25 42 34 D0%B4
Text item (text), 133 bytes
Packets: 117 Displayed: 117 Marked: 0 Dropped: 0
Profile: Default


File Edit View Go Capture Analyze Statistics Telephony Tools Internals Help
Filter: Expression... Clear Apply
No. Time
9 2.253813 192.168.0.100 84.47.169.155 HTTP 1013 POST /ucp.php?mode=login HTTP/1.1 (application/x-www-form-urlencoded)
Frame 9: 1013 bytes on wire (8104 bits), 1013 bytes captured (8104 bits)
Ethernet II, Src: Giga-Byt_82:13:ff (00:24:1d:82:13:ff), Dst: D-LinkIn_49:94:c2 (1c:af:f7:49:94:c2)
Internet Protocol Version 4, Src: 192.168.0.100 (192.168.0.100), Dst: 84.47.169.155 (84.47.169.155)
Transmission Control Protocol, Src Port: 23448 (23448), Dst Port: http (80), Seq: 1, Ack: 1, Len: 959
Hypertext Transfer Protocol
POST /ucp.php?mode=login HTTP/1.1\r\n
Host: forums.overclockers.ru\r\n
0370 75 73 65 72 6e 61 6d 65 3d 25 44 30 25 39 41 25 username =%D0%9A%
0380 44 30 25 42 30 25 44 30 25 42 46 25 44 30 25 42 D0%B0%D0 %BF%D0%B
0390 38 25 44 31 25 38 32 25 44 30 25 42 30 25 44 30 8%D1%82% D0%B0%D0
03a0 25 42 44 2b 25 44 30 25 39 41 25 44 30 25 42 30
03b0 25 44 30 25 42 41 25 44 30 25 42 30 25 44 30 25
03c0 42 45 26 70 61 73 73 77 6f 72 64 3d 34 38 31 35 BE&passw ord=4
03d0 31 36 32 33 34 32 26 6c 6f 67 69 6e 3d 25 44 30 ogin=%D0
03e0 25 39 32 25 44 31 25 38 35 25 44 30 25 42 45 25 %92%D1%8 5%D0%BE%
03f0 44 30 25 42 34 D0%B4


File Edit View Go Capture Analyze Statistics Telephony Tools Internals Help
Filter: Expression... Clear Apply
No. Time Source Destination Protocol Length Info
1 0.000000 50.16.189.191 192.168.0.100 TCP 60 http > 24612 [ACK] Seq=1 Ack=1 Win=27 Len=0
2 0.000340 50.16 .1 200 OK
3 0.134466 178.2 uation or non-HTTP traffic[Malformed Packet]
4 0.152218 fe80: CH * HTTP/1.1
5 0.206039 192.1 > http [ACK] Seq=1 Ack=147 Win=16388 Len=0
6 0.310502 146.6 port: 27017 Destination port: 56506
7 0.334029 192.1 > http [ACK] Seq=1 Ack=4 Win=16402 Len=0
8 0.336912 178.2 uation or non-HTTP traffic
9 0.337330 192.1 uation or non-HTTP traffic[Malformed Packet]
10 0.343071 192.1 > 27292 [PSH, ACK] Seq=1 Ack=1 Win=63419 Len=71
11 0.359507 178.1 > 20954 [PSH, ACK] Seq=1 Ack=72 Win=64169 Len=4
12 0.471165 178.2 24609 [ACK] Seq=16 Ack=5 Win=65476 Len=0
13 0.519156 192.1 port: 56506 Destination port: 27017
14 0.559026 192.1 > 27292 [ACK] Seq=72 Ack=5 Win=63415 Len=0
15 2.384385 192.1 port: 56506 Destination port: 27017
16 2.804731 146.6 port: 27017 Destination port: 56506
17 3.152420 fe80::902f:ac87:c51 ff02::c SSDP 208 M-SEARCH * HTTP/1.1
18 3.235735 192.168.0.100 173.254.216.67 TLSv1 640 Application Data, Application Data
19 3.448741 173.254.216.67 192.168.0.100 TCP 60 https > 23599 [ACK] Seq=1 Ack=587 Win=501 Len=0
20 3.967227 173.254.216.67 192.168.0.100 TLSv1 640 Application Data, Application Data
21 3.968610 192.168.0.100 173.254.216.67 TLSv1 640 Application Data, Application Data
22 4.181357 173.254.216.67 192.168.0.100 TCP 60 https > 23599 [ACK] Seq=587 Ack=1173 Win=501 Len=0
23 4.181430 192.168.0.100 173.254.216.67 TLSv1 640 Application Data, Application Data
24 4.394273 173.254.216.67 192.168.0.100 TCP 60 https > 23599 [ACK] Seq=587 Ack=1759 Win=501 Len=0
25 5.366243 192.168.0.100 87.240.188.249 HTTP 55 Continuation or non-HTTP traffic[Malformed Packet]
26 5.369257 87.240.188.249 192.168.0.100 TCP 66 http > 24590 [ACK] Seq=1 Ack=2 Win=1803 Len=0 SLE=1 SRE=2
27 5.448474 fe80::902f:ac87:c51 ff02::1:2 DHCPv6 152 Solicit XID: 0xee5e03 CID: 00010001148bfe1f00241d8213ff
28 5.470323 173.254.216.67 192.168.0.100 TLSv1 640 Application Data, Application Data
29 5.670258 192.168.0.100 173.254.216.67 TCP 54 23599 > https [ACK] Seq=1759 Ack=1173 Win=16278 Len=0
Wireshark: Find Packet
Find
By: Display filter Hex value String
Filter:
Search In
Packet list
Packet details
Packet bytes
String Options
Case sensitive
Character set:
ASCII Unicode & Non-Unicode
Direction
Up
Down
Help
Find
Cancel
Frame 1: 60 bytes on wire (480 bits), 60 bytes captured (480 bits)
Ethernet II, Src: D-LinkIn_49:94:c2 (1c:af:f7:49:94:c2), Dst: Giga-Byt_82:13:ff (00:24:1d:82:13:ff)
Internet Protocol Version 4, Src: 50.16.189.191 (50.16.189.191), Dst: 192.168.0.100 (192.168.0.100)
Transmission Control Protocol, Src Port: http (80), Dst Port: 24612 (24612), Seq: 1, Ack: 1, Len: 0
0000 00 24 1d 82 13 ff 1c af f7 49 94 c2 08 00 45 80 .$..... .I....E.
0010 00 28 6e e4 40 00 2c 06 2e 90 32 10 bd bf c0 a8 .(n.@.,. ..2.....
0020 00 64 00 50 60 24 32 b5 54 44 c8 14 06 62 50 10 .d.P`$2. TD...bP.
0030 00 1b 48 f9 00 00 00 00 00 00 00 00 ..H..... ....
No packet contained that string in its dissected display.
Packets: 121 Displayed: 121 Marked: 0 Load time: 0:00.004
Profile: Default


File Edit View Go Capture Analyze Statistics Telephony Tools Internals Help
Filter: Expression... Clear Apply
No. Time Source Destination Protocol Length Info
1 0.000000 50.16.189.191 192.168.0.100 TCP 60 http > 24612 [ACK] Seq=1 Ack=1 Win=27 Len=0
2 0.000340 50.16.189.191 192.168.0.100 HTTP 200 HTTP/1.1 200 OK
3 0.134466 178.252.102.18 192.168.0.100 HTTP 60 Continuation or non-HTTP traffic[Malformed Packet]
4 0.152218 fe80::902f:ac87:c51 ff02::c SSDP 208 M-SEARCH * HTTP/1.1
5 0.206039 192.168.0.100 50.16.189.191 TCP 54 24612 > http [ACK] Seq=1 Ack=147 Win=16388 Len=0
Wireshark: Find Packet
Find
By: Display filter Hex value String
Filter: login
Search In
Packet list
Packet details
Packet bytes
String Options
Case sensitive
Character set:
ASCII Unicode & Non-Unicode
Direction
Up
Down
Help
Find
Cancel
22 4.181357 173.254.216.67 192.168.0.100 TCP 60 https > 23599 [ACK] Seq=587 Ack=1173 Win=501 Len=0
23 4.181430 192.168.0.100 173.254.216.67 TLSv1 640 Application Data, Application Data
24 4.394273 173.254.216.67 192.168.0.100 TCP 60 https > 23599 [ACK] Seq=587 Ack=1759 Win=501 Len=0
25 5.366243 192.168.0.100 87.240.188.249 HTTP 55 Continuation or non-HTTP traffic[Malformed Packet]
26 5.369257 87.240.188.249 192.168.0.100 TCP 66 http > 24590 [ACK] Seq=1 Ack=2 Win=1803 Len=0 SLE=1 SRE=2
27 5.448474 fe80::902f:ac87:c51 ff02::1:2 DHCPv6 152 Solicit XID: 0xee5e03 CID: 00010001148bfe1f00241d8213ff
28 5.470323 173.254.216.67 192.168.0.100 TLSv1 640 Application Data, Application Data
29 5.670258 192.168.0.100 173.254.216.67 TCP 54 23599 > https [ACK] Seq=1759 Ack=1173 Win=16278 Len=0
Frame 1: 60 bytes on wire (480 bits), 60 bytes captured (480 bits)
Ethernet II, Src: D-LinkIn_49:94:c2 (1c:af:f7:49:94:c2), Dst: Giga-Byt_82:13:ff (00:24:1d:82:13:ff)
Internet Protocol Version 4, Src: 50.16.189.191 (50.16.189.191), Dst: 192.168.0.100 (192.168.0.100)
Transmission Control Protocol, Src Port: http (80), Dst Port: 24612 (24612), Seq: 1, Ack: 1, Len: 0
0000 00 24 1d 82 13 ff 1c af f7 49 94 c2 08 00 45 80 .$..... .I....E.
0010 00 28 6e e4 40 00 2c 06 2e 90 32 10 bd bf c0 a8 .(n.@.,. ..2.....
0020 00 64 00 50 60 24 32 b5 54 44 c8 14 06 62 50 10 .d.P`$2. TD...bP.
0030 00 1b 48 f9 00 00 00 00 00 00 00 00 ..H..... ....
No packet contained that string in its Info column.
Packets: 121 Displayed: 121 Marked: 0 Load time: 0:00.004
Profile: Default


File Edit View Go Capture Analyze Statistics Telephony Tools Internals Help
Filter: Expression... Clear Apply
No. Time Source Destination Protocol Leng Info
96 11.282604 192.168.0.100 178.140.129.184 TCP 947 20954 > 27292 [PSH, ACK] Seq=76 Ack=5 Win=63415 Len=893
Frame 96: 947 bytes on wire (7576 bits), 947 bytes captured (7576 bits)
Ethernet II, Src: Giga-Byt_82:13:ff (00:24:1d:82:13:ff), Dst: D-LinkIn_49:94:c2 (1c:af:f7:49:94:c2)
Internet Protocol Version 4, Src: 192.168.0.100 (192.168.0.100), Dst: 178.140.129.184 (178.140.129.184)
Transmission Control Protocol, Src Port: 20954 (20954), Dst Port: 27292 (27292), Seq: 76, Ack: 5, Len: 893
Data (893 bytes)
0000 1c af f7 49 94 c2 00 24 1d 82 13 ff 08 00 45 00
0010 03 a5 35 ce 40 00 80 06 00 00 c0 a8 00 64 b2 8c
0020 81 b8 51 da 6a 9c 07 c7 9c 19 bd 50 03 aa 50 18
0030 f7 b7 f8 e8 00 00 0a 56 85 31 d0 9c 14 74 49 1f
0040 fa 4b 95 87 ac 55 c2 45 12 c0 ab 6e 10 b1 85 5e
0050 07 f6 e8 65 df 8a ec b0 ea 6e 47 05 a7 a7 77 53
0060 d0 62 2a e3 f1 dc 0d 11 5d 86 ab 73 5f d7 72 ec
0070 6b 6a 78 f6 e6 c3 d8 db f0 a0 73 c8 7e 1d d5 40
0080 ce 30 f3 ff dc b3 05 f5 3f 60 a9 09 53 bd 48 82
0090 cf 47 24 5e f2 de 54 f4 59 be 55 03 1c d4 89 99
00a0 6e 23 58 76 b0 1d 30 64 7e 31 e4 bd 63 38 9d 4c
00b0 7c 66 29 77 71 46 4f e3 5a 1d 21 2d 9b 31 eb 6f
00c0 9a 8a 5c e9 fe 30 1e c3 16 c1 dd e0 74 28 ef ee
00d0 0b 4e a2 39 be c3 a2 94 b7 e3 be dc e2 35 40 3f
00e0 67 bd e1 ab 8a 8e 53 d2 96 6a c5 ba fd fe 9d 6e
00f0 a0 3a 70 1e 5d 7d 85 2f 44 69 0a fc 09 f8 c1 21
0100 37 29 d2 a5 be ae 98 93 2b df 1e 7f 23 76 34 de
0110 bc 28 2b 9e 0c 09 de 18 50 76 c2 4f 43 aa 1f ca
0120 90 4d 39 ad 1d dd 6c 57 23 ee 20 68 be 68 2a da
0130 20 83 1e 7a 90 5c 3a bf 3e 92 2d bc 0c f3 88 eb
0140 73 e6 79 a4 d8 e4 a7 55 9d 28 b6 db 70 f6 8b 4b
0150 ec 0c 9d bc eb ab ea 99 b0 ea 71 b2 b8 0a 0c eb
0160 1e d8 4c bb 1f a3 28 44 2e d9 59 8e 9e b5 2f 52
0170 38 4b 00 d8 5c e5 98 1c 95 34 5f c3 d5 ae 0e 0a
0180 39 d9 57 3d aa 62 79 d4 ea 36 33 7b f0 7f 87 a5
0190 45 c4 ef 56 e7 18 8c d6 ee ad 8f ac 01 fc b7 3c
01a0 df cf e3 fd c1 57 e6 41 62 7c 9e 2e 95 6a ae ac
01b0 7e 60 98 fe db 08 e4 85 9a 08 49 f5 19 02 ec 35
01c0 01 fa 1e c1 67 ad 28 67 ec 5e 42 82 92 47 ac 7f
01d0 a9 ec 3e 86 dd 3d e4 2d 0a 41 c0 22 ac a9 78 80
01e0 4f 20 ba 7b d5 59 6d 58 46 3c 16 91 68 4c 72 c6
01f0 e6 51 f4 5a 64 b8 78 3c 8e 83 67 d2 8b 75 70 ea
0200 fd dc c1 d4 32 b8 76 be 7d 2b 9a 0f ef 12 27 10
0210 db 5e 1f 37 cd 72 c5 25 28 42 ad 05 43 ce bd c7
0220 34 50 5b 0e 9b 54 f2 ae 38 3e 63 43 dd 25 6c 6f
0230 44 13 c0 a6 b2 f1 96 e5 94 19 97 37 88 dd 85 25
0240 5c e6 a2 10 3b 63 8b 74 b9 b0 62 c2 7c 62 59 60
0250 5d c3 ae f7 c0 f6 31 a3 92 bc b4 57 4b f1 2f e9
0260 4f d4 2b 9a ce ab 66 9f d6 ed cb bf 83 94 25 49
0270 f2 4f 70 0b 13 38 f7 f0 9e 74 29 71 8a 44 51 f7
0280 72 12 19 c8 88 a3 62 09 b0 24 fa fb a6 6f 0d bc
0290 8e 4b aa 6e 23 b5 9f fc 3f 9a ab b8 fb fb bc 14
02a0 03 ad ba 82 a6 14 ba cb df 37 46 64 19 94 de e2
02b0 0c 86 4d b6 00 49 db e1 a6 66 0b 48 be b8 12 bc
02c0 22 a9 6b 9c e7 d2 7e 17 5e 8d f3 af b4 08 5e fa
02d0 8a 4b e8 91 a1 b3 90 9f 16 c2 61 ca e0 f3 01 4b
02e0 2c 74 f8 35 0d 53 8f 68 31 68 0d b6 8c 7b d0 7a
02f0 69 17 77 f8 19 37 a5 20 aa fa 1f 8c 2d 36 91 56
Frame 96: 947
Ethernet II,
Internet Prot
Transmission
Data (893 byt
Data
Data
Data, Application Data
File: "C:\Users\Kakao\Desktop\overclockers login dump tor.pcap" 46 ...
Packets: 121 Displayed: 121 Marked: 0 Load time: 0:00.010
Profile: Default