Network Engagement

Analysis of a Vulnerable Network

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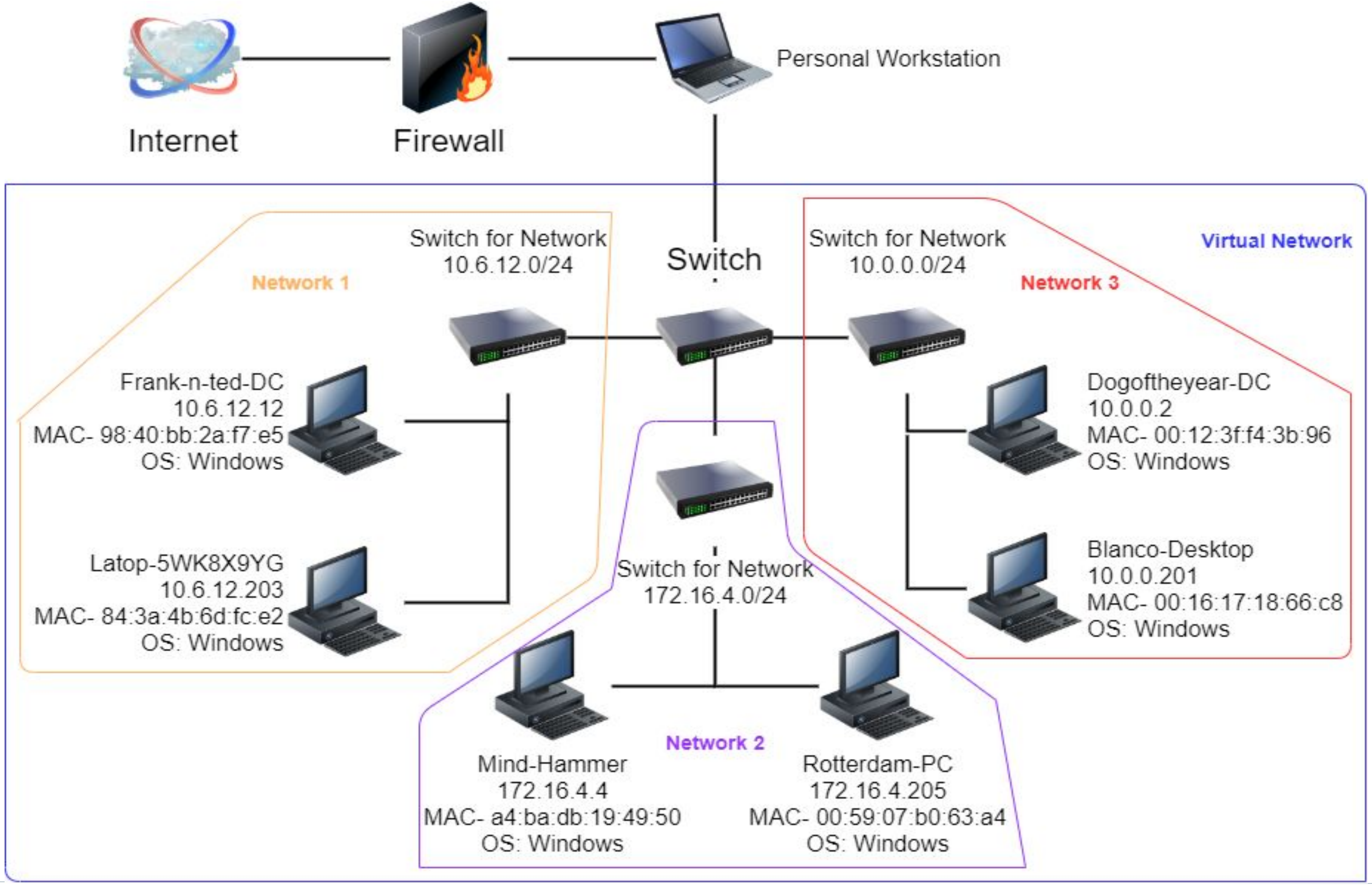
Network Topology



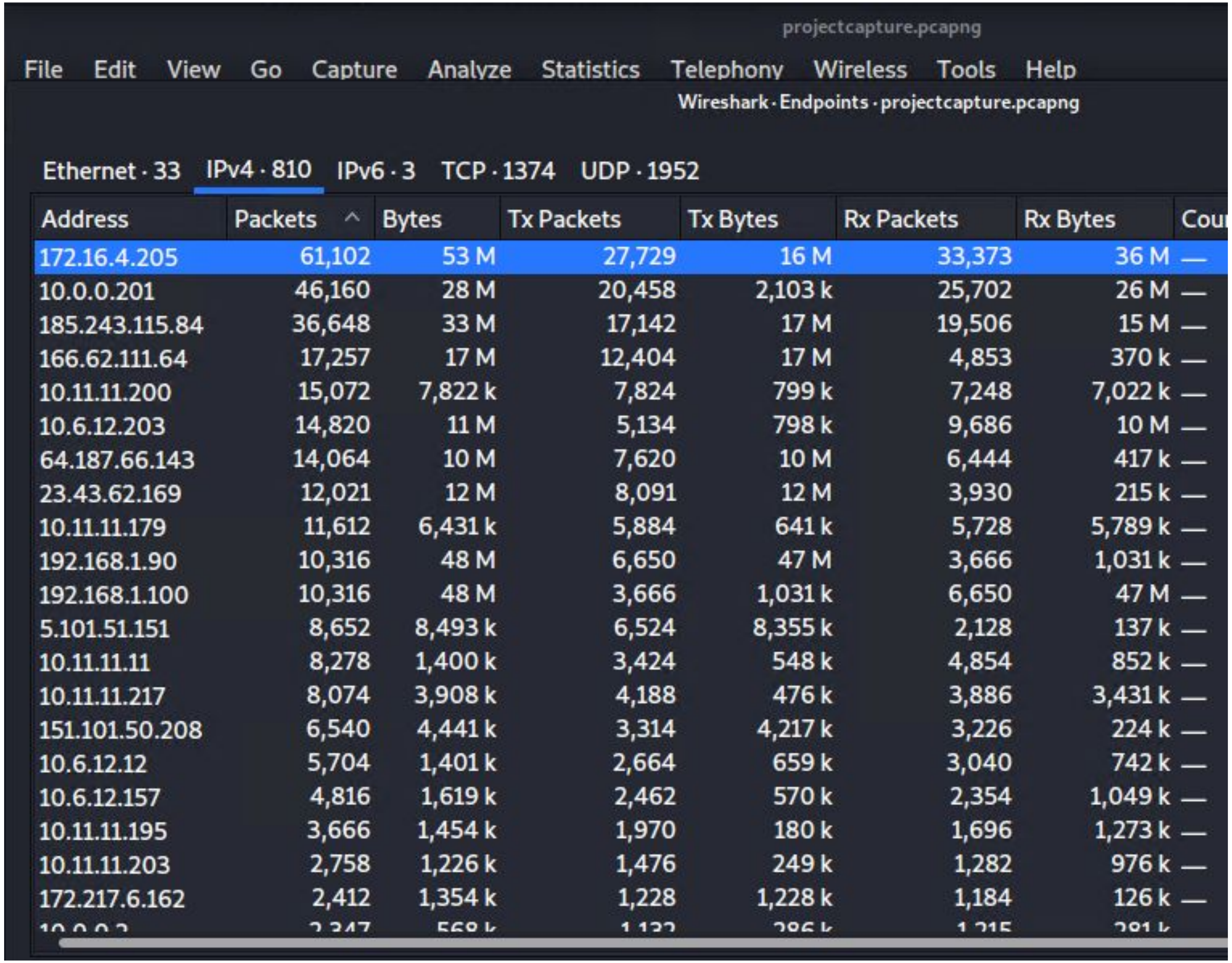
Network Critical Vulnerabilities

Vulnerability	Description	Impact
Unfiltered Web Browsing	Web browsing without content filters on dangerous websites.	This can be a security threat to an organization’s server. Downloading malware, viruses or illegal content can cripple a machine.
Illegal downloads	Downloading material on the internet involving violation of copyrights is illegal.	Unauthorized distribution of copyrighted materials is punishable by law and impacts an organization negatively and monetarily (Huge fines).
Torrenting	Torrenting involves downloading and uploading files through the BitTorrent Network from other users devices on the network. It’s the most used form of peer-to-peer (P2P) file-sharing.	Downloading these malicious files leads to jeopardizing data safety, and legal trouble for an organization.

Traffic Profile

Wireshark Traffic

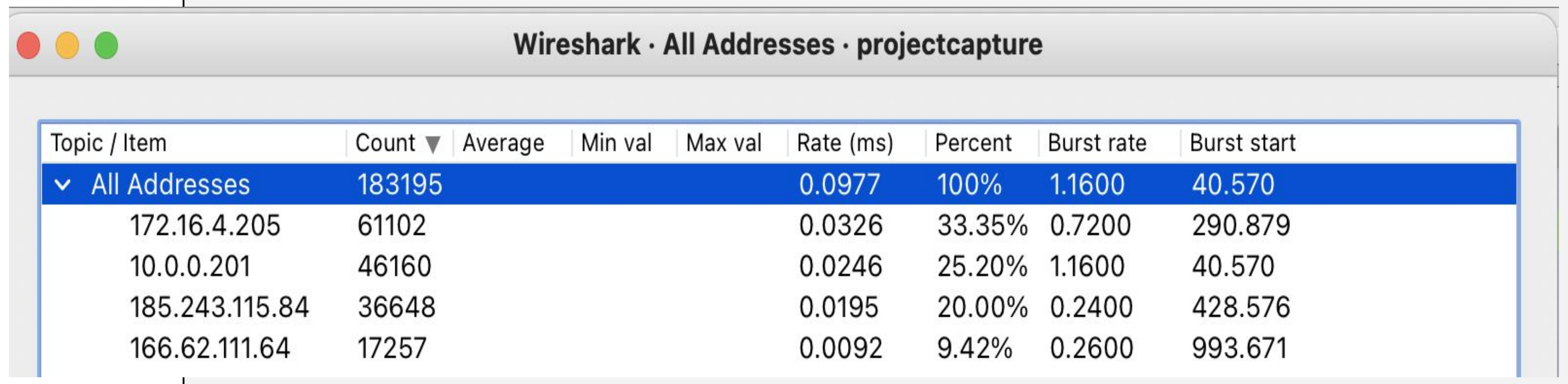
Using Statistics / Endpoints features in Wireshark we can isolate the clients that are using the most traffic. This can be an indication of what users are potentially breaking company policy by using the network resources for personal reasons.



Address	Packets ^	Bytes	Tx Packets	Tx Bytes	Rx Packets	Rx Bytes	Cou
172.16.4.205	61,102	53 M	27,729	16 M	33,373	36 M	—
10.0.0.201	46,160	28 M	20,458	2,103 k	25,702	26 M	—
185.243.115.84	36,648	33 M	17,142	17 M	19,506	15 M	—
166.62.111.64	17,257	17 M	12,404	17 M	4,853	370 k	—
10.11.11.200	15,072	7,822 k	7,824	799 k	7,248	7,022 k	—
10.6.12.203	14,820	11 M	5,134	798 k	9,686	10 M	—
64.187.66.143	14,064	10 M	7,620	10 M	6,444	417 k	—
23.43.62.169	12,021	12 M	8,091	12 M	3,930	215 k	—
10.11.11.179	11,612	6,431 k	5,884	641 k	5,728	5,789 k	—
192.168.1.90	10,316	48 M	6,650	47 M	3,666	1,031 k	—
192.168.1.100	10,316	48 M	3,666	1,031 k	6,650	47 M	—
5.101.51.151	8,652	8,493 k	6,524	8,355 k	2,128	137 k	—
10.11.11.11	8,278	1,400 k	3,424	548 k	4,854	852 k	—
10.11.11.217	8,074	3,908 k	4,188	476 k	3,886	3,431 k	—
151.101.50.208	6,540	4,441 k	3,314	4,217 k	3,226	224 k	—
10.6.12.12	5,704	1,401 k	2,664	659 k	3,040	742 k	—
10.6.12.157	4,816	1,619 k	2,462	570 k	2,354	1,049 k	—
10.11.11.195	3,666	1,454 k	1,970	180 k	1,696	1,273 k	—
10.11.11.203	2,758	1,226 k	1,476	249 k	1,282	976 k	—
172.217.6.162	2,412	1,354 k	1,228	1,228 k	1,184	126 k	—
10.0.0.2	2,347	568 k	1,132	286 k	1,215	281 k	

Our analysis identified the following characteristics of the traffic on the network:

Traffic Profile

Feature	Value	Description
Top Talkers (IP Addresses)	*172.16.4.205* *10.0.0.201* *185.243.115.84*	Machines that sent the most traffic. *Rotterdam-PC* *Blanco-Desktop* *b5689023.green.mattingsolutions.co*
Most Common Protocols	*HTTP: Hypertext Transfer Protocol* *DHCP: Dynamic Host Configuration Protocol* *TCP: Transmission Control Protocol*	Three most common protocols on the network. *Port 80* *Port 67/68* *Port 443/445*
# of Unique IP Addresses	*183195*	*Count of observed IP addresses.* 
Subnets	*10.6.12.0/24*	*Observed subnet ranges.*
# of Malware Species	*1 .dll file*	Malware binaries identified in traffic. *June11.dll*

Wireshark · All Addresses · projectcapture

Topic / Item	Count ▼	Average	Min val	Max val	Rate (ms)	Percent	Burst rate	Burst start
⌄ All Addresses	183195				0.0977	100%	1.1600	40.570
172.16.4.205	61102				0.0326	33.35%	0.7200	290.879
10.0.0.201	46160				0.0246	25.20%	1.1600	40.570
185.243.115.84	36648				0.0195	20.00%	0.2400	428.576
166.62.111.64	17257				0.0092	9.42%	0.2600	993.671

Behavioral Analysis (Normal)

Purpose of Traffic on the Network

The purpose of traffic on the network could be based on factors such as a high volume of traffic over a network on a particular protocol or IP, high source and destination ports, or number of new external IP addresses

“Normal” Activity is defined as follows:

- **Who are communications occurring between - source and destination IP**
- **What are those communications - protocol, port, frequency, volume**
- **At what time should communications be occurring - within normal business hours**

Common examples of “Normal” activity:

- **Watching videos on YouTube.**
- **Logging on to Facebook**
- **Logging on to Instagram**

Behavioral Analysis (Suspicious)

Purpose of Traffic on the Network

Suspicious traffic observed on a network is any suspicious link, file or connection that is being created or received over the network.

Suspicious Activity

- **Users have set up an Active Directory network on the company server**
- **Downloading malicious files (Torrents and infected .avi files)**

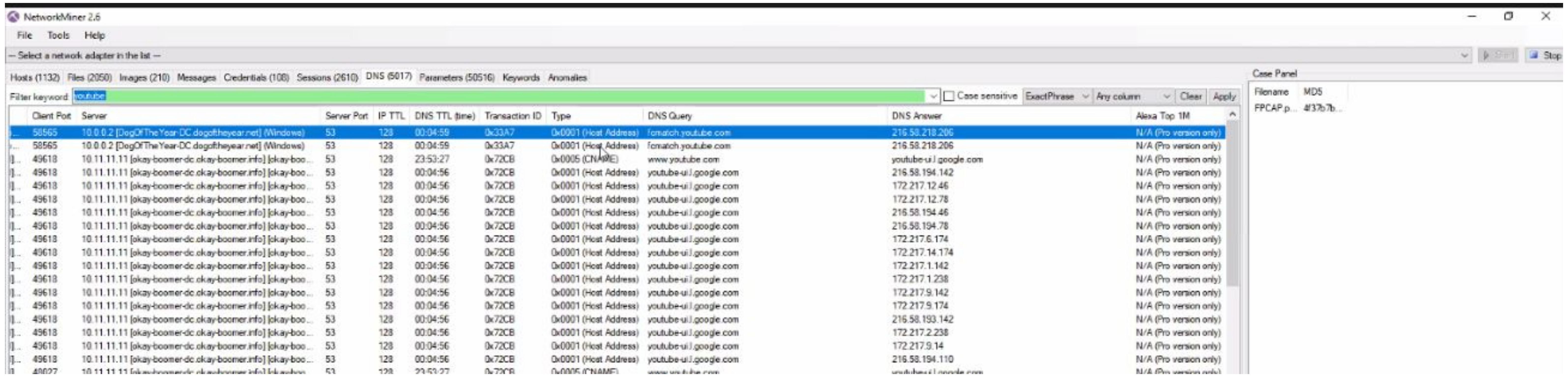
Normal Activity

Normal Behavior

- ***What kind of traffic did you observe? Which protocol(s)?***

  Online traffic. HTTP on port 80

  Port 53 DNS and UDP



NetworkMiner 2.6
File Tools Help
-- Select a network adapter in the list --
Hosts (1132) Files (2050) Images (210) Messages Credentials (108) Sessions (2610) DNS (5017) Parameters (50516) Keywords Anomalies
Case sensitive ExactPhrase Any column Clear Apply
Start Stop
Case Panel

Filter keyword: youtube

	Client Port	Server	Server Port	IP TTL	DNS TTL (time)	Transaction ID	Type	DNS Query	DNS Answer	Alexa Top 1M
...	58565	10.0.0.2 [DogOfTheYear-DC.dogoftheyear.net] (Windows)	53	128	00:04:59	0x33A7	0x0001 (Host Address)	fcmatch.youtube.com	216.58.218.206	N/A (Pro version only)
...	58565	10.0.0.2 [DogOfTheYear-DC.dogoftheyear.net] (Windows)	53	128	00:04:59	0x33A7	0x0001 (Host Address)	fcmatch.youtube.com	216.58.218.206	N/A (Pro version only)
]...	49618	10.11.11.11 [okay-boomer-dc.okay-boomer.info] [okay-boo...	53	128	23:53:27	0x72CB	0x0005 (CNAME)	www.youtube.com	youtube-ui.l.google.com	N/A (Pro version only)
]...	49618	10.11.11.11 [okay-boomer-dc.okay-boomer.info] [okay-boo...	53	128	00:04:56	0x72CB	0x0001 (Host Address)	youtube-ui.l.google.com	216.58.194.142	N/A (Pro version only)
]...	49618	10.11.11.11 [okay-boomer-dc.okay-boomer.info] [okay-boo...	53	128	00:04:56	0x72CB	0x0001 (Host Address)	youtube-ui.l.google.com	172.217.12.46	N/A (Pro version only)
]...	49618	10.11.11.11 [okay-boomer-dc.okay-boomer.info] [okay-boo...	53	128	00:04:56	0x72CB	0x0001 (Host Address)	youtube-ui.l.google.com	172.217.12.78	N/A (Pro version only)
]...	49618	10.11.11.11 [okay-boomer-dc.okay-boomer.info] [okay-boo...	53	128	00:04:56	0x72CB	0x0001 (Host Address)	youtube-ui.l.google.com	216.58.194.46	N/A (Pro version only)
]...	49618	10.11.11.11 [okay-boomer-dc.okay-boomer.info] [okay-boo...	53	128	00:04:56	0x72CB	0x0001 (Host Address)	youtube-ui.l.google.com	216.58.194.78	N/A (Pro version only)
]...	49618	10.11.11.11 [okay-boomer-dc.okay-boomer.info] [okay-boo...	53	128	00:04:56	0x72CB	0x0001 (Host Address)	youtube-ui.l.google.com	172.217.6.174	N/A (Pro version only)
]...	49618	10.11.11.11 [okay-boomer-dc.okay-boomer.info] [okay-boo...	53	128	00:04:56	0x72CB	0x0001 (Host Address)	youtube-ui.l.google.com	172.217.14.174	N/A (Pro version only)
]...	49618	10.11.11.11 [okay-boomer-dc.okay-boomer.info] [okay-boo...	53	128	00:04:56	0x72CB	0x0001 (Host Address)	youtube-ui.l.google.com	172.217.1.142	N/A (Pro version only)
]...	49618	10.11.11.11 [okay-boomer-dc.okay-boomer.info] [okay-boo...	53	128	00:04:56	0x72CB	0x0001 (Host Address)	youtube-ui.l.google.com	172.217.1.238	N/A (Pro version only)
]...	49618	10.11.11.11 [okay-boomer-dc.okay-boomer.info] [okay-boo...	53	128	00:04:56	0x72CB	0x0001 (Host Address)	youtube-ui.l.google.com	172.217.9.142	N/A (Pro version only)
]...	49618	10.11.11.11 [okay-boomer-dc.okay-boomer.info] [okay-boo...	53	128	00:04:56	0x72CB	0x0001 (Host Address)	youtube-ui.l.google.com	172.217.9.174	N/A (Pro version only)
]...	49618	10.11.11.11 [okay-boomer-dc.okay-boomer.info] [okay-boo...	53	128	00:04:56	0x72CB	0x0001 (Host Address)	youtube-ui.l.google.com	216.58.193.142	N/A (Pro version only)
]...	49618	10.11.11.11 [okay-boomer-dc.okay-boomer.info] [okay-boo...	53	128	00:04:56	0x72CB	0x0001 (Host Address)	youtube-ui.l.google.com	172.217.2.238	N/A (Pro version only)
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]...	49618	10.11.11.11 [okay-boomer-dc.okay-boomer.info] [okay-boo...	53	128	00:04:56	0x72CB	0x0001 (Host Address)	youtube-ui.l.google.com	216.58.194.110	N/A (Pro version only)
]...	49027	10.11.11.11 [okay-boomer-dc.okay-boomer.info] [okay-boo...	53	128	23:53:27	0x72CB	0x0005 (CNAME)	www.youtube.com	youtube-ui.l.google.com	N/A (Pro version only)

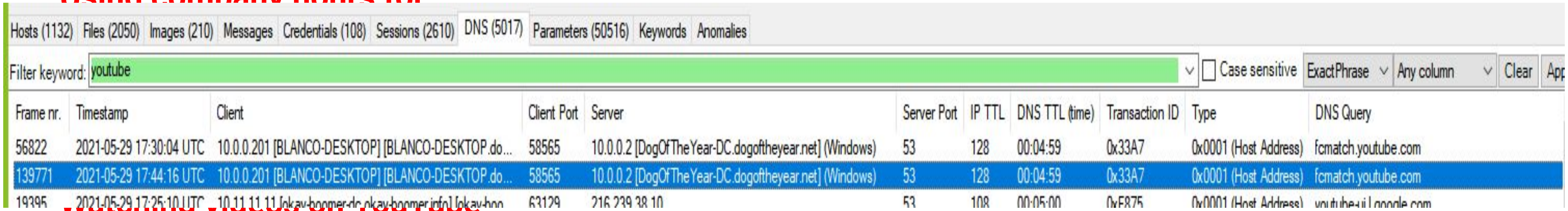
Filename	MD5
FPCAP.p...	4f37b7b...

- ***What, specifically, was the user doing?***

  Using company hours for watching videos on YouTube

  Logging on to Facebook

  Logging on to Instagram



Hosts (1132) Files (2050) Images (210) Messages Credentials (108) Sessions (2610) DNS (5017) Parameters (50516) Keywords Anomalies
Case sensitive ExactPhrase Any column Clear App

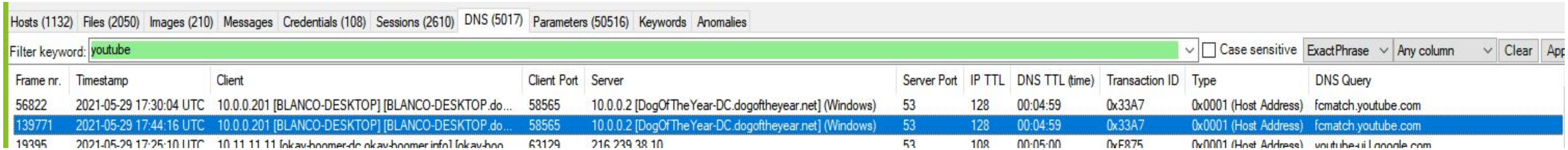
Filter keyword: youtube

Frame nr.	Timestamp	Client	Client Port	Server	Server Port	IP TTL	DNS TTL (time)	Transaction ID	Type	DNS Query
56822	2021-05-29 17:30:04 UTC	10.0.0.201 [BLANCO-DESKTOP] [BLANCO-DESKTOP.do...	58565	10.0.0.2 [DogOfTheYear-DC.dogoftheyear.net] (Windows)	53	128	00:04:59	0x33A7	0x0001 (Host Address)	fcmatch.youtube.com
139771	2021-05-29 17:44:16 UTC	10.0.0.201 [BLANCO-DESKTOP] [BLANCO-DESKTOP.do...	58565	10.0.0.2 [DogOfTheYear-DC.dogoftheyear.net] (Windows)	53	128	00:04:59	0x33A7	0x0001 (Host Address)	fcmatch.youtube.com
19395	2021-05-29 17:25:10 UTC	10.11.11.11 [okay-boomer-dc.okay-boomer.info] [okay-boo...	63129	216.239.38.10	53	108	00:05:00	0xF875	0x0001 (Host Address)	youtube-ui.l.google.com

Normal Behavior

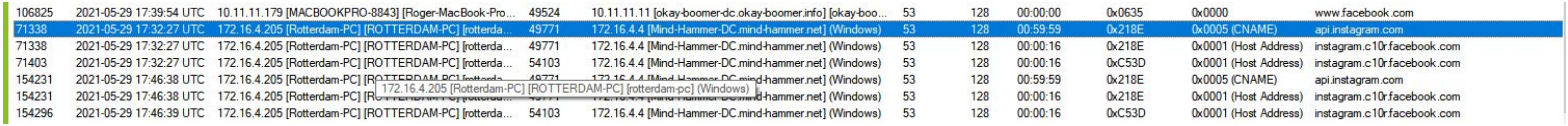
IN SUMMARY:

- **For normal behavior we observed Online HTTP traffic On port 80 and Port 53 DNS**
- **Users were using company hours for personal use (stealing time) browsing sites such as Youtube, Facebook, Instagram**


Hosts (1132) | Files (2050) | Images (210) | Messages | Credentials (108) | Sessions (2610) | DNS (5017) | Parameters (50516) | Keywords | Anomalies
☐ Case sensitive
ExactPhrase
Any column
Clear
App

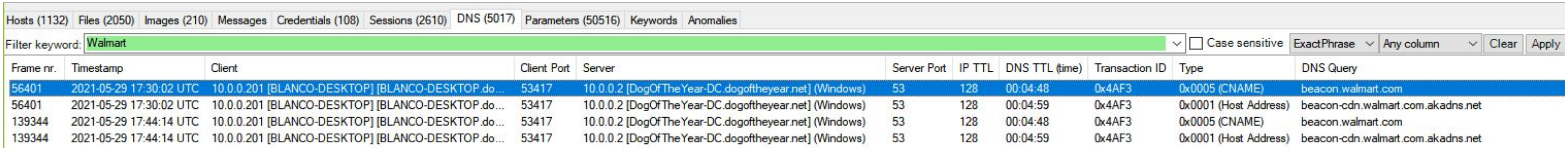
Filter keyword: youtube

Frame nr.	Timestamp	Client	Client Port	Server	Server Port	IP TTL	DNS TTL (time)	Transaction ID	Type	DNS Query
56822	2021-05-29 17:30:04 UTC	10.0.0.201 [BLANCO-DESKTOP] [BLANCO-DESKTOP.do...	58565	10.0.0.2 [DogOfTheYear-DC.dogoftheyear.net] (Windows)	53	128	00:04:59	0x33A7	0x0001 (Host Address)	fcmatch.youtube.com
139771	2021-05-29 17:44:16 UTC	10.0.0.201 [BLANCO-DESKTOP] [BLANCO-DESKTOP.do...	58565	10.0.0.2 [DogOfTheYear-DC.dogoftheyear.net] (Windows)	53	128	00:04:59	0x33A7	0x0001 (Host Address)	fcmatch.youtube.com
19395	2021-05-29 17:25:10 UTC	10.11.11.11 [okay-boomer-dc.okay-boomer.info] [okay-boo	63129	216.239.38.10	53	108	00:05:00	0xF875	0x0001 (Host Address)	youtube-ui.l.google.com



106825	2021-05-29 17:39:54 UTC	10.11.11.179 [MACBOOKPRO-8843] [Roger-MacBook-Pro...	49524	10.11.11.11 [okay-boomer-dc.okay-boomer.info] [okay-boo...	53	128	00:00:00	0x0635	0x0000	www.facebook.com
71338	2021-05-29 17:32:27 UTC	172.16.4.205 [Rotterdam-PC] [ROTTERDAM-PC] [rotterda...	49771	172.16.4.4 [Mind-Hammer-DC.mind-hammer.net] (Windows)	53	128	00:59:59	0x218E	0x0005 (CNAME)	api.instagram.com
71338	2021-05-29 17:32:27 UTC	172.16.4.205 [Rotterdam-PC] [ROTTERDAM-PC] [rotterda...	49771	172.16.4.4 [Mind-Hammer-DC.mind-hammer.net] (Windows)	53	128	00:00:16	0x218E	0x0001 (Host Address)	instagram.c10r.facebook.com
71403	2021-05-29 17:32:27 UTC	172.16.4.205 [Rotterdam-PC] [ROTTERDAM-PC] [rotterda...	54103	172.16.4.4 [Mind-Hammer-DC.mind-hammer.net] (Windows)	53	128	00:00:16	0xC53D	0x0001 (Host Address)	instagram.c10r.facebook.com
154231	2021-05-29 17:46:38 UTC	172.16.4.205 [Rotterdam-PC] [ROTTERDAM-PC] [rotterda...	49771	172.16.4.4 [Mind-Hammer-DC.mind-hammer.net] (Windows)	53	128	00:59:59	0x218E	0x0005 (CNAME)	api.instagram.com
154231	2021-05-29 17:46:38 UTC	172.16.4.205 [Rotterdam-PC] [R...	[illegible]	[illegible]d-hammer.net] (Windows)	53	128	00:00:16	0x218E	0x0001 (Host Address)	instagram.c10r.facebook.com
154296	2021-05-29 17:46:39 UTC	172.16.4.205 [Rotterdam-PC] [ROTTERDAM-PC] [rotterda...	54103	172.16.4.4 [Mind-Hammer-DC.mind-hammer.net] (Windows)	53	128	00:00:16	0xC53D	0x0001 (Host Address)	instagram.c10r.facebook.com

172.16.4.205 [Rotterdam-PC] [ROTTERDAM-PC] [rotterdam-pc] (Windows)


Hosts (1132) | Files (2050) | Images (210) | Messages | Credentials (108) | Sessions (2610) | DNS (5017) | Parameters (50516) | Keywords | Anomalies
☐ Case sensitive
ExactPhrase
Any column
Clear
Apply

Filter keyword: Walmart

Frame nr.	Timestamp	Client	Client Port	Server	Server Port	IP TTL	DNS TTL (time)	Transaction ID	Type	DNS Query
56401	2021-05-29 17:30:02 UTC	10.0.0.201 [BLANCO-DESKTOP] [BLANCO-DESKTOP.do...	53417	10.0.0.2 [DogOfTheYear-DC.dogoftheyear.net] (Windows)	53	128	00:04:48	0x4AF3	0x0005 (CNAME)	beacon.walmart.com
56401	2021-05-29 17:30:02 UTC	10.0.0.201 [BLANCO-DESKTOP] [BLANCO-DESKTOP.do...	53417	10.0.0.2 [DogOfTheYear-DC.dogoftheyear.net] (Windows)	53	128	00:04:59	0x4AF3	0x0001 (Host Address)	beacon-cdn.walmart.com.akadns.net
139344	2021-05-29 17:44:14 UTC	10.0.0.201 [BLANCO-DESKTOP] [BLANCO-DESKTOP.do...	53417	10.0.0.2 [DogOfTheYear-DC.dogoftheyear.net] (Windows)	53	128	00:04:48	0x4AF3	0x0005 (CNAME)	beacon.walmart.com
139344	2021-05-29 17:44:14 UTC	10.0.0.201 [BLANCO-DESKTOP] [BLANCO-DESKTOP.do...	53417	10.0.0.2 [DogOfTheYear-DC.dogoftheyear.net] (Windows)	53	128	00:04:59	0x4AF3	0x0001 (Host Address)	beacon-cdn.walmart.com.akadns.net

Malicious Activity

Illegal Downloads

- What kind of traffic did you observe?

  Lots of downloading and searching websites for suspicious files. Downloading malicious files between machines.

  Which protocol(s)? **HTTP port 80**

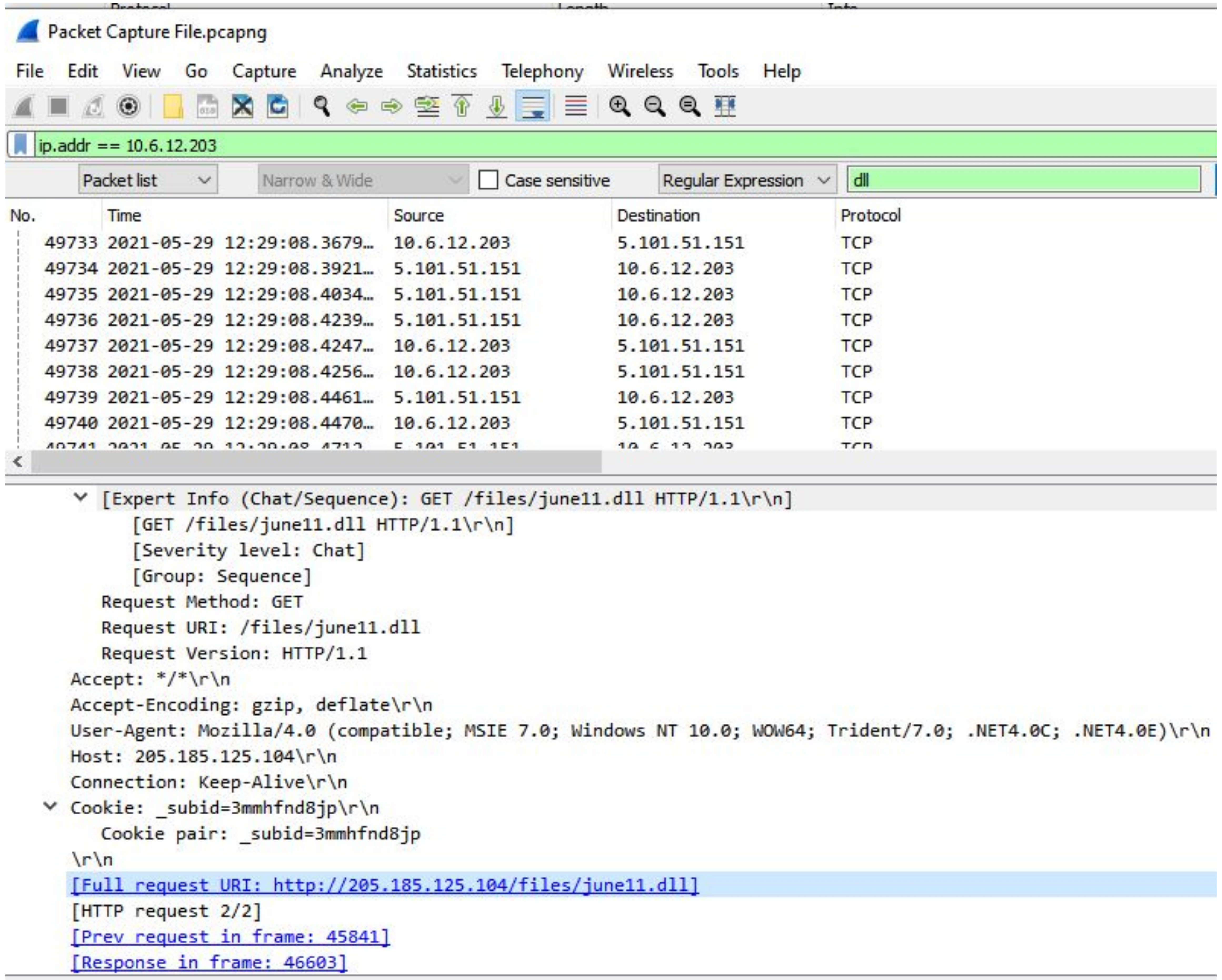
- What, specifically, was the user doing?

  Downloading Malware (**June11.dll from source IP 205.185.125.104**) and a video file (**Betty_Boop_Rhythm_on_the_reservation.avi**)

- What are the IP addresses used in the actual infection traffic?

  10.0.0.201

  10.6.12.203



ip.addr == 10.6.12.203

□ Case sensitive — Regular Expression: dll

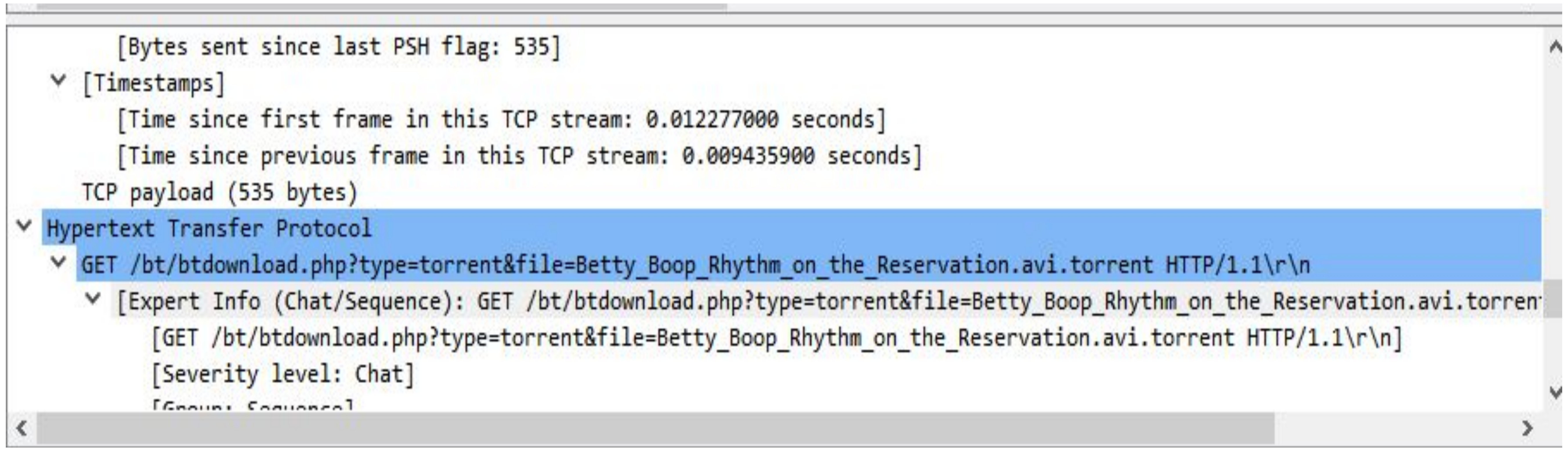
```
No.   Time                        Source          Destination     Protocol
49733 2021-05-29 12:29:08.3679…  10.6.12.203     5.101.51.151    TCP
49734 2021-05-29 12:29:08.3921…  5.101.51.151    10.6.12.203     TCP
49735 2021-05-29 12:29:08.4034…  5.101.51.151    10.6.12.203     TCP
49736 2021-05-29 12:29:08.4239…  5.101.51.151    10.6.12.203     TCP
49737 2021-05-29 12:29:08.4247…  10.6.12.203     5.101.51.151    TCP
49738 2021-05-29 12:29:08.4256…  10.6.12.203     5.101.51.151    TCP
49739 2021-05-29 12:29:08.4461…  5.101.51.151    10.6.12.203     TCP
49740 2021-05-29 12:29:08.4470…  10.6.12.203     5.101.51.151    TCP
49741 2021-05-29 12:29:08.4712…  5.101.51.151    10.6.12.203     TCP
```

```
    [Expert Info (Chat/Sequence): GET /files/june11.dll HTTP/1.1\r\n]
        [GET /files/june11.dll HTTP/1.1\r\n]
        [Severity level: Chat]
        [Group: Sequence]
    Request Method: GET
    Request URI: /files/june11.dll
    Request Version: HTTP/1.1
Accept: */*\r\n
Accept-Encoding: gzip, deflate\r\n
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 10.0; WOW64; Trident/7.0; .NET4.0C; .NET4.0E)\r\n
Host: 205.185.125.104\r\n
Connection: Keep-Alive\r\n
Cookie: _subid=3mmhfnd8jp\r\n
    Cookie pair: _subid=3mmhfnd8jp
\r\n
[Full request URI: http://205.185.125.104/files/june11.dll]
[HTTP request 2/2]
[Prev request in frame: 45841]
[Response in frame: 46603]
```

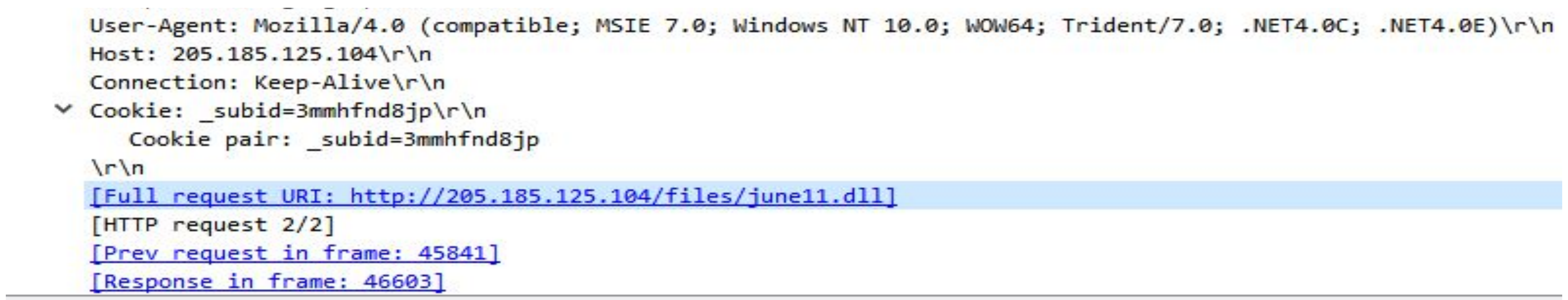
Malicious Behavior

Summarize the following:

- They were visiting websites outside of normal activity using HTTP & TCP protocols.
- The User was downloading torrents; and the malware was downloaded from another machine
  - A torrent file, betty_boop_rhythm_on_the_reservation.avi
  - A june11.dll malware file



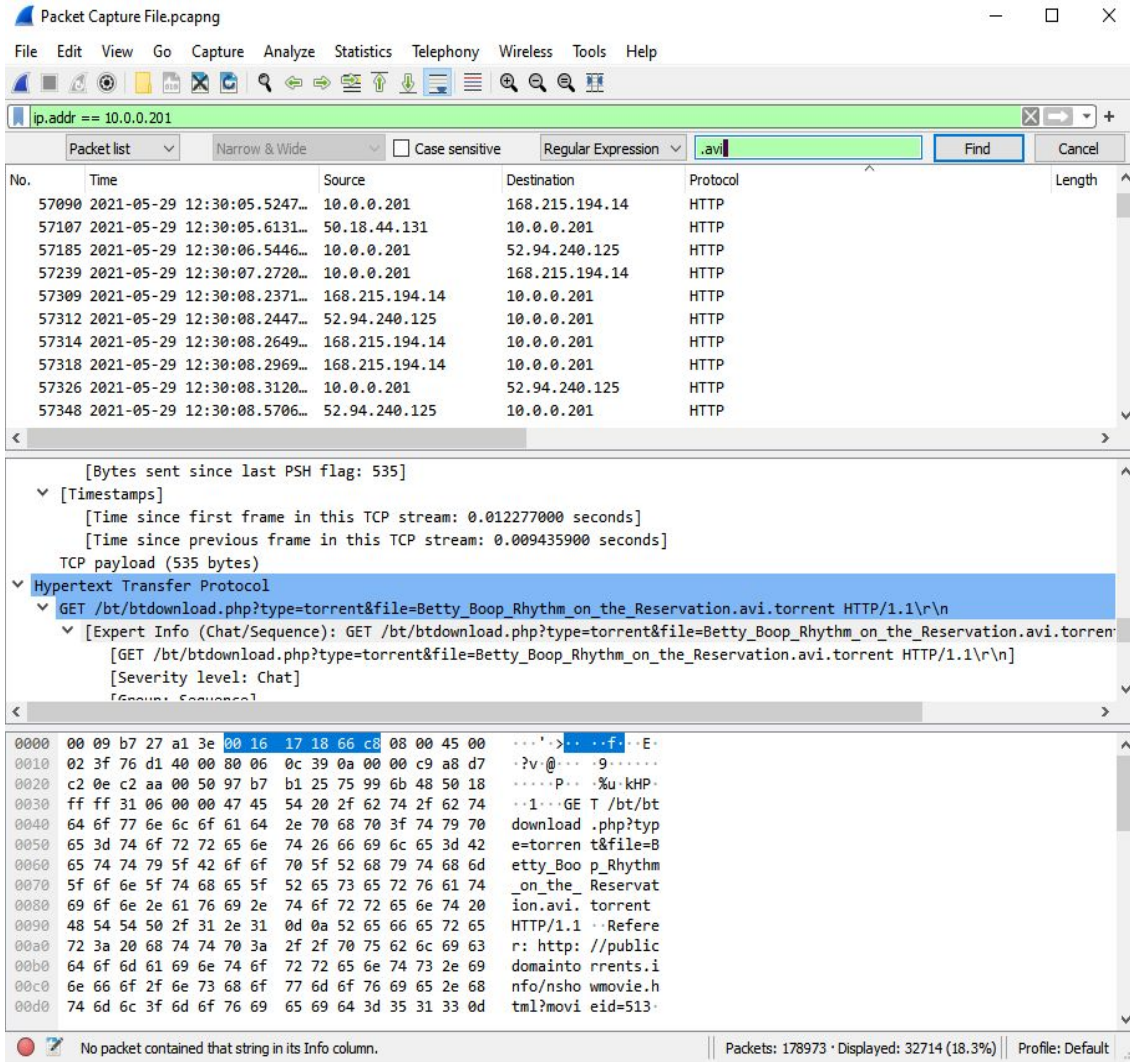
```
      [Bytes sent since last PSH flag: 535]
  ∨ [Timestamps]
      [Time since first frame in this TCP stream: 0.012277000 seconds]
      [Time since previous frame in this TCP stream: 0.009435900 seconds]
    TCP payload (535 bytes)
∨ Hypertext Transfer Protocol
  ∨ GET /bt/btdownload.php?type=torrent&file=Betty_Boop_Rhythm_on_the_Reservation.avi.torrent HTTP/1.1\r\n
    ∨ [Expert Info (Chat/Sequence): GET /bt/btdownload.php?type=torrent&file=Betty_Boop_Rhythm_on_the_Reservation.avi.torren
        [GET /bt/btdownload.php?type=torrent&file=Betty_Boop_Rhythm_on_the_Reservation.avi.torrent HTTP/1.1\r\n]
        [Severity level: Chat]
        [Group: Sequence]
```



```
    User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 10.0; WOW64; Trident/7.0; .NET4.0C; .NET4.0E)\r\n
    Host: 205.185.125.104\r\n
    Connection: Keep-Alive\r\n
  ∨ Cookie: _subid=3mmhfnd8jp\r\n
        Cookie pair: _subid=3mmhfnd8jp
    \r\n
    [Full request URI: http://205.185.125.104/files/june11.dll]
    [HTTP request 2/2]
    [Prev request in frame: 45841]
    [Response in frame: 46603]
```

File Name: Betty_Boop_Rhythm_on_the_Reservation.avi
File Size: 100.50 MB
Resolution: 720x480
Duration: 00:06:02

Malicious Screenshots


Packet Capture File.pcapng
File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help
Packet list
Narrow & Wide
Find
Cancel

ip.addr == 10.0.0.201

☐ Case sensitive Regular Expression .avi

```
No.   Time                         Source           Destination      Protocol   Length
57090 2021-05-29 12:30:05.5247…  10.0.0.201       168.215.194.14   HTTP
57107 2021-05-29 12:30:05.6131…  50.18.44.131     10.0.0.201       HTTP
57185 2021-05-29 12:30:06.5446…  10.0.0.201       52.94.240.125    HTTP
57239 2021-05-29 12:30:07.2720…  10.0.0.201       168.215.194.14   HTTP
57309 2021-05-29 12:30:08.2371…  168.215.194.14   10.0.0.201       HTTP
57312 2021-05-29 12:30:08.2447…  52.94.240.125    10.0.0.201       HTTP
57314 2021-05-29 12:30:08.2649…  168.215.194.14   10.0.0.201       HTTP
57318 2021-05-29 12:30:08.2969…  168.215.194.14   10.0.0.201       HTTP
57326 2021-05-29 12:30:08.3120…  10.0.0.201       52.94.240.125    HTTP
57348 2021-05-29 12:30:08.5706…  52.94.240.125    10.0.0.201       HTTP
```

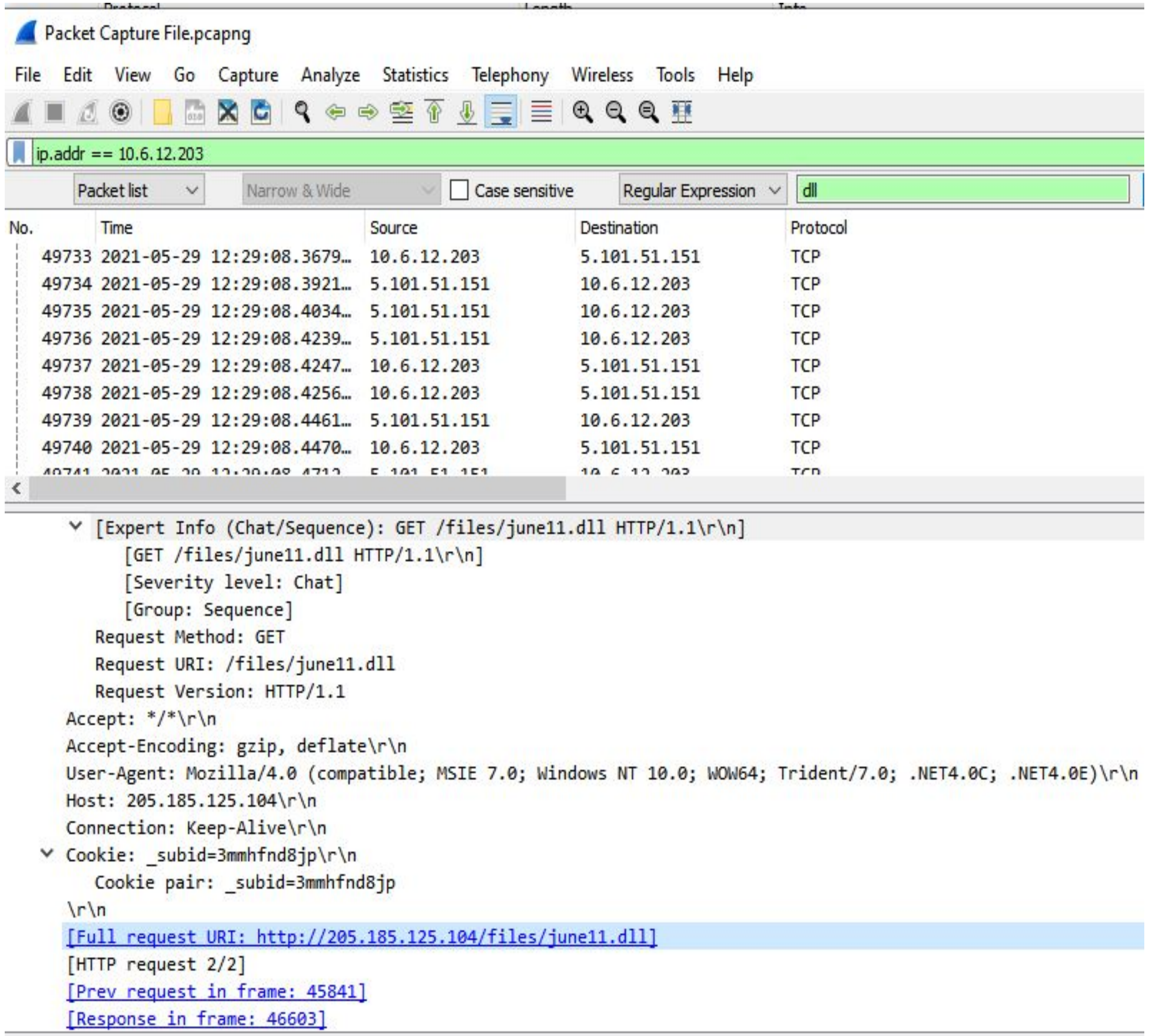
```
        [Bytes sent since last PSH flag: 535]
    [Timestamps]
        [Time since first frame in this TCP stream: 0.012277000 seconds]
        [Time since previous frame in this TCP stream: 0.009435900 seconds]
    TCP payload (535 bytes)
Hypertext Transfer Protocol
    GET /bt/btdownload.php?type=torrent&file=Betty_Boop_Rhythm_on_the_Reservation.avi.torrent HTTP/1.1\r\n
        [Expert Info (Chat/Sequence): GET /bt/btdownload.php?type=torrent&file=Betty_Boop_Rhythm_on_the_Reservation.avi.torren
            [GET /bt/btdownload.php?type=torrent&file=Betty_Boop_Rhythm_on_the_Reservation.avi.torrent HTTP/1.1\r\n]
            [Severity level: Chat]
```

```
0000  00 09 b7 27 a1 3e 00 16  17 18 66 c8 08 00 45 00   ···'·>·· ··f···E·
0010  02 3f 76 d1 40 00 80 06  0c 39 0a 00 00 c9 a8 d7   ·?v·@··· ·9······
0020  c2 0e c2 aa 00 50 97 b7  b1 25 75 99 6b 48 50 18   ·····P·· ·%u·kHP·
0030  ff ff 31 06 00 00 47 45  54 20 2f 62 74 2f 62 74   ··1···GE T /bt/bt
0040  64 6f 77 6e 6c 6f 61 64  2e 70 68 70 3f 74 79 70   download .php?typ
0050  65 3d 74 6f 72 72 65 6e  74 26 66 69 6c 65 3d 42   e=torren t&file=B
0060  65 74 74 79 5f 42 6f 6f  70 5f 52 68 79 74 68 6d   etty_Boo p_Rhythm
0070  5f 6f 6e 5f 74 68 65 5f  52 65 73 65 72 76 61 74   _on_the_ Reservat
0080  69 6f 6e 2e 61 76 69 2e  74 6f 72 72 65 6e 74 20   ion.avi. torrent 
0090  48 54 54 50 2f 31 2e 31  0d 0a 52 65 66 65 72 65   HTTP/1.1 ··Refere
00a0  72 3a 20 68 74 74 70 3a  2f 2f 70 75 62 6c 69 63   r: http: //public
00b0  64 6f 6d 61 69 6e 74 6f  72 72 65 6e 74 73 2e 69   domainto rrents.i
00c0  6e 66 6f 2f 6e 73 68 6f  77 6d 6f 76 69 65 2e 68   nfo/nsho wmovie.h
00d0  74 6d 6c 3f 6d 6f 76 69  65 69 64 3d 35 31 33 0d   tml?movi eid=513·
```

No packet contained that string in its Info column.

Packets: 178973 · Displayed: 32714 (18.3%)

Profile: Default


Packet Capture File.pcapng
File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help
Packet list
Narrow & Wide

ip.addr == 10.6.12.203

☐ Case sensitive Regular Expression dll

```
No.   Time                         Source         Destination    Protocol
49733 2021-05-29 12:29:08.3679…  10.6.12.203    5.101.51.151   TCP
49734 2021-05-29 12:29:08.3921…  5.101.51.151   10.6.12.203    TCP
49735 2021-05-29 12:29:08.4034…  5.101.51.151   10.6.12.203    TCP
49736 2021-05-29 12:29:08.4239…  5.101.51.151   10.6.12.203    TCP
49737 2021-05-29 12:29:08.4247…  10.6.12.203    5.101.51.151   TCP
49738 2021-05-29 12:29:08.4256…  10.6.12.203    5.101.51.151   TCP
49739 2021-05-29 12:29:08.4461…  5.101.51.151   10.6.12.203    TCP
49740 2021-05-29 12:29:08.4470…  10.6.12.203    5.101.51.151   TCP
```

```
    [Expert Info (Chat/Sequence): GET /files/june11.dll HTTP/1.1\r\n]
        [GET /files/june11.dll HTTP/1.1\r\n]
        [Severity level: Chat]
        [Group: Sequence]
    Request Method: GET
    Request URI: /files/june11.dll
    Request Version: HTTP/1.1
Accept: */*\r\n
Accept-Encoding: gzip, deflate\r\n
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 10.0; WOW64; Trident/7.0; .NET4.0C; .NET4.0E)\r\n
Host: 205.185.125.104\r\n
Connection: Keep-Alive\r\n
Cookie: _subid=3mmhfnd8jp\r\n
    Cookie pair: _subid=3mmhfnd8jp
\r\n
[Full request URI: http://205.185.125.104/files/june11.dll]
[HTTP request 2/2]
[Prev request in frame: 45841]
[Response in frame: 46603]
```

The End