





Packet Analysis Homework









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Snort

Results- alert file

```
[student@packet-analysis snort]$ cat alert
[**] [1:2022962:3] ET CURRENT_EVENTS Evil Redirector Leading to EK Jul 12 2016 [**]
[Classification: A Network Trojan was detected] [Priority: 1] 01/27-22:54:42.417911 104.28.18.74:80 -> 172.16.4.193:49195
TCP TTL:128 TOS:0x0 ID:1424 IpLen:20 DgmLen:11227 DF
***A**** Seq: 0xB38FA8B2 Ack: 0xF9DB40AC Win: 0x100 TcpLen: 20
[**] [1:2024092:1] ET CURRENT EVENTS Evil Redirector Leading to EK March 15 2017 [**]
[Classification: A Network Trojan was detected] [Priority: 1]
01/27-22:54:42.417911 104.28.18.74:80 -> 172.16.4.193:49195
TCP TTL:128 TOS:0x0 ID:1424 IpLen:20 DgmLen:11227 DF
***A**** Seq: 0xB38FA8B2 Ack: 0xF9DB40AC Win: 0x100 TcpLen: 20
[**] [1:2024092:1] ET CURRENT_EVENTS Evil Redirector Leading to EK March 15 2017 [**]
[Classification: A Network Trojan was detected] [Priority: 1]
01/27-22:54:42.919074 139.59.160.143:80 -> 172.16.4.193:49200
TCP TTL:128 TOS:0x0 ID:1499 IpLen:20 DgmLen:650 DF
***A**** Seq: 0x341A1199 Ack: 0x7FBF2544 Win: 0xFF00 TcpLen: 20
[**] [1:2024049:1] ET CURRENT_EVENTS RIG EK URI Struct Mar 13 2017 M2 [**]
[Classification: A Network Trojan was detected] [Priority: 1] 01/27-22:54:43.208077 172.16.4.193:49202 -> 194.87.234.129:80 TCP TTL:54 TOS:0x0 ID:21429 IpLen:20 DgmLen:591 DF
***A**** Seq: 0x7BC62BCE Ack: 0x6D814B86 Win: 0x7680 TcpLen: 20
[**] [1:2024048:1] ET CURRENT_EVENTS RIG EK URI Struct Mar 13 2017 [**]
[Classification: A Network Trojan was detected] [Priority: 1]
01/27-22:54:43.208077 172.16.4.193:49202 -> 194.87.234.129:80
```

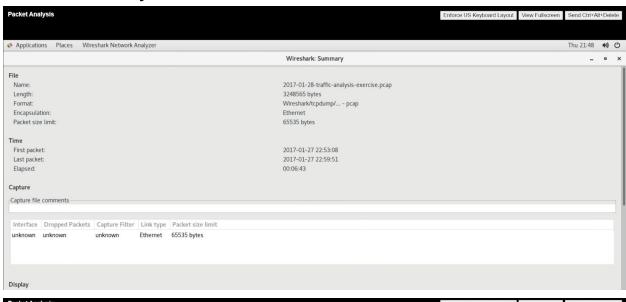


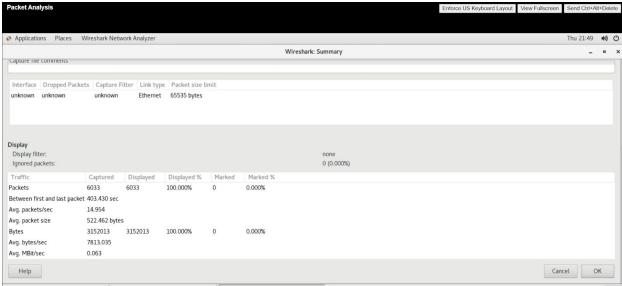




Wireshark

Wireshark: Summary



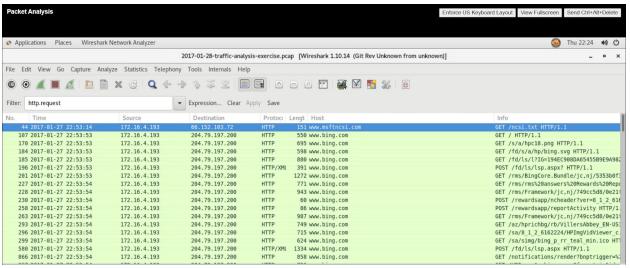




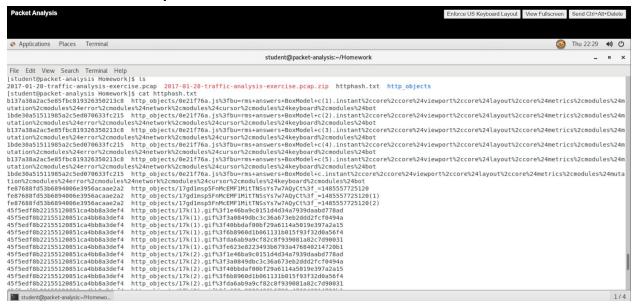




Summary panel



The contents of the httphash.txt



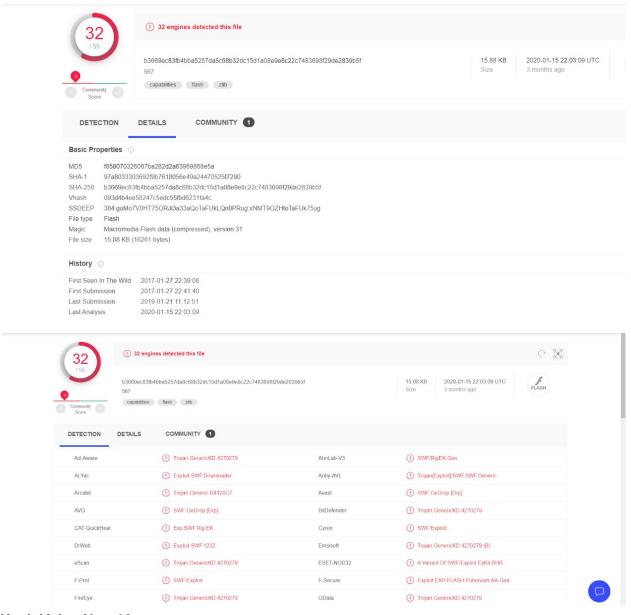






VirusTotal

Hash Value No. - 5



Hash Value No.- 16









1 22 engines detected this file

html

276834e70341328bb601eeb2efe988d326c01720fd04eb188e197b888a8b6602

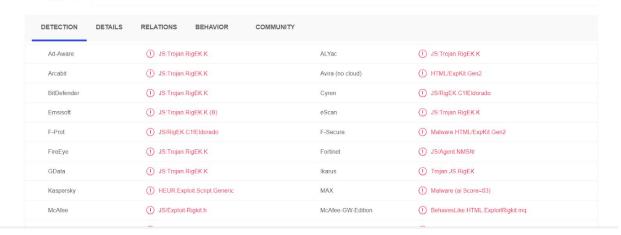
%3fbiw=Mozilla.102kd74.406h8v8o4&br_fl=1216&oq=2aCm3V9PMpe7cGP1CvjEClcwM0n99VAFkXpK-t2kDQz RWVgZCL-xSIUTp18q=wXrQMvXcJwDQDbGMvrESLtMNknQA0KKZIr2_dqyEoH9f2nihNzUSkrx6B8yus-a.126ts79.406f2w1p38tuif=31988ct=Mozilla

88.68 KB

2019-08-15 10:44:55 UTC



CX





1 22 engines detected this file

276834e70341328bb601eeb2efe988d326c01720fd04eb188e197b888a8b6602 %dthw=Mnzilla 102kd74 408h8v6048br_tl=12188oq=2aCm3V9PMperCc9PCVyEClcvM0n9VAFKXpK-t2kDQz RWVgZCL-xSIUTp18q=wXrQMvXc.lwDQDobGMvrESLtMNknQA0KK2li2_dqyEoH9l2nihNzUSkxx688yus=Mozi a 129is79 406f2w1p38iutl=31884ct=Mozilla

2019-08-15 10:44:55 UTC





DETECTION

DETAILS RELATIONS BEHAVIOR

COMMUNITY

Basic Properties

5925e39c1ed16376bb7215b6548fc6a2 SHA-1 71219cbcd3b0741f86449f15ed0ebc5699cfd9cc

html

SHA-256 276834e70341328bb601eeb2efe988d326c01720fd04eb188e197b888a8b6602 SSDEEP 1536: w6gbX3Wy3blpS7MUvCm2Y5GjW0KBMPE+VmeoCw7abRyQE4ccmxMoDLr54eaMByRJ: uK63b5ClbwCw7YlxM4nRpyRJ

File type HTML

Magic File size

data 88.68 KB (90805 bytes)

F-PROT packer

History ①

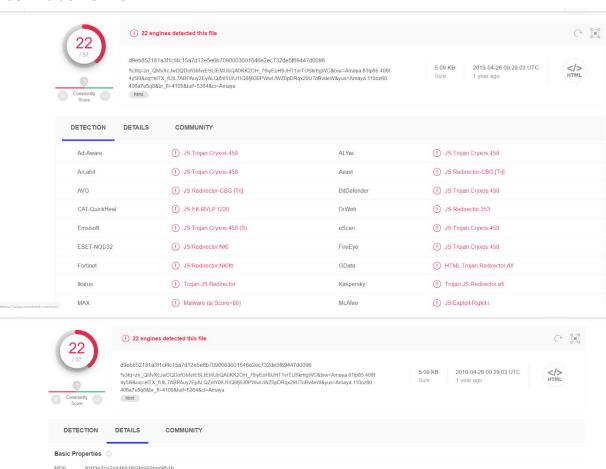
2017-02-04 14:14:26 2017-02-04 14:14:41 First Seen In The Wild First Submission Last Submission 2019-08-15 10:44:55 Last Analysis 2019-08-15 10:44:55







Hash Value No.- 19



f01f3e7ce7a14b51f07fe993faa9f51b c6d10eac4d79966906469293ee0b7e2b30ae9018 MD5 SHA-1 SHA-256 d9eb852181a3f1cf4c15a7d12e5e6b7090003601646e2ec732de5f69447d0096 SSDEEP - 48:d3ZdT8GcqP+tGnZaio3rDD2j+dBdU8Qs/hQCe2va4EHnVpeZFbWVXZg28UulyALI:9Zd1e4aN3rDCid7UTsu56+ZOaXSU0JALI:9Zd1e4aN3rDCid7UTsu56+ZOAXSU0JAITSU0JAITSU0JAITSU0JAITSU0JAITSU0JAITSU0JAITSU0JAITSU0JAITSU0JAITSFile type HTML HTML document text File size 5.09 KB (5213 bytes) History ① First Seen In The Wild 2017-03-16 01:12:12 2017-03-17 05:31:21 First Submission Last Submission 2019-04-26 09:29:03 Last Analysis 2019-04-26 09:29:03







Extra Credit

Infected Hash No. 5 files

| student@packet-analysis Homework]\$ cat httphash.txt| grep f858070326067ba282d2a639698685a | student@packet-analysis Homework]\$ cat httphash.txt| grep f858070326067ba282d2a639698685a | student@packet-analysis Homework]\$ cat httphash.txt| grep f858070326067ba282d2a639698665a | http.objects/%31biw=Amaya.3160710.4062850148br f1=4442 | store="f858070326067ba282d2a639698665a" http.objects/%31biw=SeaMonkey.1050167.40687d8b3861].4069601r68br f1=29276q=2n3QMVXCJWDQDoTGMVrESLEMU_QA6KK20H_76qyEoHgJHT1vrTUSkrttgWcelr&qex_f10110786f36665a | http.objects/%31biw=SeaMonkey.1050167.40687d8b3861].4069601r68br f1=29576oq=pLLYGOAq3jxbTfgFplIgIUVlCpaqq3UbTykKZhJKB9BSKaA9E-qKSErM62V f7FjLhTJg6q=w37GMVXCJXOPYD6MvjDSKNDNKfWHVjPxxoa69MildZqqZGX_K7fDfF-qoVzcCgWRXf56ct=SeaMonkey&tuif=1166 | store="f85807326067ba282d2a639698685a" http.objects/%31fbiw=SeaMonkey.1050167.40687d8b38612].4069601r68br f1=29576oq=pLLYGOAq3jxbTfgFplIgIUVlCpaqq3UbTykKZhJKB9BSKaA9E-qKSErM62V f7FjLhTJg6q=w37GMVXCJXOPYD6MvjDSKNDNKfWHVjPxxoa69MildZqqZGX_K7fDfF-qoVzcCgWRXf56ct=SeaMonkey&tuif=1166 | store="f85807326067ba282d2a639698685a" http.objects/%31fbiw=SeaMonkey.1050167.40687d8b38612].4069601r68br f1=29576oq=pLLYGOAq3jxbTfgFplIgIUVlCpaqq3UbTykKZhJKB9BSKaA9E-qKSErM62V f7FjLhTJg6q=w37GMVXCJXOPYD6MvjDSKNDNKfWHVjPxxoa69MildZqdZGX_K7fDfF-qoVzcCgWRXf56ct=SeaMonkey&tuif=1166 | store="f85807326067ba282d2a639698685a" http.objects/%31fbiw=SeaMonkey.1050167.40687d8b38612].4069601r68br f1=29576oq=pLLYGOAq3jxbTgFpDigMVXCJXOPYD6MvjDSKNDNKfWHVjPxxoa69MildZqdZGX_K7fDfF-qoVzcCgWRXfU | store="f8580732606

Type 2

Type 3

[student@packet-analysis http_objects]\$ ls -la | grep .406y2d5y7
-rw-r--r--, 1 root root 16261 Apr 23 22:17 %3foq=pLLYG0A53jxbTfgNplIgIUV9Cpaqq3UDTykKZhJ6B9B5KaA9E-qKRFLE60FXFjLNTJg&biw=Mozilla.104md76.406y0g1v2&br_fl=5102&ct=lozilla&tuif=49488byus=(1).406y2d5y7Aq=w370MvXcJxj0FYbGMvnD5KNbNkrWHV1PxoiG9MildZ-qZGX_k7vDfF-qoV3cCgWRxfU
-rw-r--r--, 1 root root 16261 Apr 23 22:25 %3foq=pLLYG0A53jxbTfgNplIgIUV9Cpaqq3UDTykKZhJ6B9B5KaA9E-qKRFLE60FXFjLNTJg&biw=Mozilla.104md76.406y0g1v2&br_fl=5102&ct=lozilla&tuif=4948&byus=(2).406y2d5y7Aq=w370MvXcJxj0FYbGMvnD5KNbNkrWHV1PxoiG9MildZ-qZGX_k7vDfF-qoV3cCgWRxfU
-rw-r--r-- 1 root root 16261 Apr 23 22:13 %3foq=pLLYG0A53jxbTfgNplIgIUV9Cpaqq3UDTykKZhJ6B9B5KaA9E-qKRFLE60FXFjLNTJg&biw=Mozilla.104md76.406y0g1v2&br_fl=5102&ct=lozilla&tuif=4948&byus=, 406y2d5y7Aq=w370MvXcJxj0FYbGMvnD5KNbNkrWHV1PxoiG9MildZ-qZGX_k7vDfF-qoV3cCgWRxfU

Student@packet-analysis http_objects]\$ ls -la | grep Vivaldi.101ck66
-rw-r--r-. 1 root root 16261 Apr 23 22:17 %3ftuif=21386br fl=1788&oq=_skK7pSPlLghRbVcgU3n4lbWw85_6qniBCBmBWUgcSHrxLeNw51_paUErQ66B6ymQ&q=wHvQMvXcJwDGFYbGMvrETQNb
NknQAG6PxpH2 drRd2qxKGni0eb5UUSk6F2CEh3hB&ct=Vivaldisbiw=Vivaldi.101ck66.4061d17k3&yus=Viva(1).406b4o1l4
-rw-r--r-. 1 root root 16261 Apr 23 22:25 %3ftuif=2138&br fl=1788&oq=_skK7pSPlLghRbVcgU3n4lbWw85_6qniBCBmBWUgcSHrxLeNw51_paUErQ66B6ymQ&q=wHvQMvXcJwDGFYbGMvrETQNb
NknQAG6PxpH2 drRd2qxKGni0eb5UUSk6F2CEh3hB&ct=Vivaldisbiw=Vivaldi.101ck66.4061d17k3&yus=Viva(2).406b4o1l4
-rw-r--r-- 1 root root 16261 Apr 23 22:13 %3ftuif=2138&br fl=1788&oq=_skK7pSPlLghRbVcgU3n4lbWw85_6qniBCBmBWUgcSHrxLeNw51_paUErQ66B6ymQ&q=wHvQMvXcJwDGFYbGMvrETQNb
NknQAG6PxpH2 drRd2qxKGni0eb5UUSk6F2CEh3hB&ct=Vivaldisbiw=Vivaldi.101ck66.40614U7k3&yus=Viva.406b4o1l4

Infected Hash No. 16 files

[student@packet-analysis Homework]\$ cat httphash.txt| grep f01f3e7ce7al4b51f07fe993faa9f51b
f01f3e7ce7al4b51f07fe993faa9f51b http_objects/%3fq=zn_QMvXcJwOQDofGMvrESLtEMUbQA0KK20H_76iyEoH9JHT1vrTUSkrttgWC&biw=Amaya.81lp85.406f4y5l9&oq=elTX_fUlL7ABPAuy2EyALQZnlY
01U1IQ8fj639PwwWWZ0pDRqx29UT08vdeWSyus=Amaya.110cz60{2}.406a7e5q8&br_fl=4109&tuif=5364&ct=Amaya
f01f3e7ce7al4b51f07fe933faa9f51b http_objects/%3fq=zn_QMvXcJwOQDofGMvrESLtEMUbQXcDW,Zdb_GMDOFGMvFSLTEMUbQXcDW,Zdb_GMDOFGMvCDW_GMDOFGMvFSLTEMUbQXcDW,Zdb_GMDOFGMvFSLTEMUbQXcDW,Zdb_GMDOFGMvCDW_GMDOFGMvCDW_GMDOFGMvCDW_GMDOFGMvCDW_GMDOFGMvCDW_GMDOFGMvCDW_GMDOFGMvCDW_GMDOFGMvCDW_GMDOFGMvCDW_GMDOFGMvCDW_GMDOFGMvCDW_GMDOFGMvCDW_GMDOFGMvCDW_GMDOFGMVCDW_GMDOFGMVCDW_GMDOFGMVCDW_GMDOFGMVCDW_GMDOFGMVCDW_GMDOFGMVCDW_GMDOFGMVCDW_GMDOFGMVCDW_GMDOFGMVCDW_GMDOFGMVCDW_GMDOFGMVCDW_GMDOFGMVCDWDOFGMVCDW_GMDOFGMVCDW_GMDOFGMVCDW_GMDOFGMVCDW_GMDOFGMVCDWDOFGMVCDW_GMDOFGMVCDW_GMDOFGMVCDW_GMD







```
[Student@packet-analysis http_objects]$ ls -la | grep Amaya.1100z60
-rw-r--r-. 1 root root 5233 Apr 23 22:13 %3fq=zn_OMvXcJwDQDofGMvrESLtEMUbQA0KK2OH_76iyEoH9JHT1vrTUSkrttgWC&biw=Amaya.81p85.406f4y519&oq=elTX_fUlL7ABPAuy2EyALQZ
nlY01U1108fj630PwwWuVZ9bDRQx29UTOBwdewKyus=Amaya.1100z60(1).406a7e5q8&br fl=4109&tu1f=5364&ct=Amaya
-rw-r--r-. 1 root root 5233 Apr 23 22:17 %3fq=zn_OMvXcJwDQDofGMvrESLtEMUbQA0KK2OH_76iyEoH9JHT1vrTUSkrttgWC&biw=Amaya.81lp85.406f4y519&oq=elTX_fUlL7ABPAuy2EyALQZ
nlY01U1108fj630PwwWuVZ9bDRQx29UTOBwdewKyus=Amaya.1100z60(2).406a7e5q8&br fl=4109&tu1f=5364&ct=Amaya
-rw-r--r-. 1 root root 5233 Apr 23 22:213 %3fq=zn_OMvXcJwDQDofGMvrESLtEMUbQA0KK2OH_76iyEoH9JHT1vrTUSkrttgWC&biw=Amaya.81lp85.406f4y519&oq=elTX_fUlL7ABPAuy2EyALQZ
nlY01U1108fj630PwwWuVZ9bDRQx29UTOBwdewKyus=Amaya.1100z60.406a7e5q8&br fl=4109&tu1f=5364&ct=Amaya
-rw-r--r-. 1 root root 5213 Apr 23 22:25 %3fq=zn_OMvXcJwDQDofGMvrESLtEMUbQA0KK2OH_76iyEoH9JHT1vrTUSkrttgWC&biw=Amaya.81lp85.406f4y519&oq=elTX_fUlL7ABPAuy2EyALQZ
nlY01U1108fj630PwwWz0pDRQx29UTOBwdewKyus=Amaya.1100z60.40.406a7e5q8&br fl=4109&tu1f=5364&ct=Amaya
-rw-r--r-. 1 root root 5213 Apr 23 22:25 %3fq=zn_OMvXcJwDQDofGMvrESLtEMUbQA0KK2OH_76iyEoH9JHT1vrTUSkrttgWC&biw=Amaya.81lp85.406f4y519&oq=elTX_fUlL7ABPAuy2EyALQZ
nlY01U108fj630PwwWz0pDRQx29UTOBwdewKyus=Amaya.1100z60.40.406a7e5q8&br fl=4109&tu1f=5364&ct=Amaya
-rw-r--r-. 1 root root 5233 Apr 23 22:25 %3fq=zn_OMvXcJwDQDofGMvrESLtEMUbQA0KK2OH_76iyEoH9JHT1vrTUSkrttgWC&biw=Amaya.81lp85.406f4y519&oq=elTX_fUlL7ABPAuy2EyALQZ
nlY01U108fj630PwwWz0pDRQx29UTOBwdewKyus=Amaya.1100z60.40.406a7e5q8&br fl=4109&tu1f=5364&ct=Amaya
| student@packet-analysis http_objects]s ls -la | grep Amaya.1100z60 | grep 5213
-rw-r--r-. 1 root root 5213 Apr 23 22:25 %3fq=zn_OMvXcJwDQDofGMvrESLtEMUbQA0KK2OH_76iyEoH9JHT1vrTUSkrttgWC&biw=Amaya.81lp85.406f4y519&oq=elTX_fUlL7ABPAuy2EyALQZ
nlY01U108fj630PwwWz0pDRQx29UTOBwdewKyus=Amaya.1100z60 | ndoa7e5q8&br fl=4109&tu1f=5364&ct=Amaya
| rw-r--r--. 1 root root 5213 Apr 23 22:25 %3fq=zn_OMvXcJwDQDofGMvrESLtEMUbQA0KK2OH_
```

Infected Hash No. 19 files

```
[student@packet-analysis Homework]s cat httphash.txt| grep 5925e39cled16376bb7215b6548fc6a2

5925e39cled16376bb7215b6548fc6a2 http. objects/%3fbix=Mozilla.102kd74.406fb8V8045br_fl=12166cq=2acm3V9PMpe7cGP1CyjECIcwM0n99VAFkXpK-t2kDQzRWVgZCL-xSIUTp1&q=wXrQMvXcJwDQI
bGMvrESLtMNknQA0KKZIrz_dgyEoH9f2nihNzUSkrx6B6yus=Mozilla.125ts79(1).406f2w1p3&tuif=3198&ct=Mozilla

5925e39cled16376bb7215b6548fc6a2 http. objects/%3fbix=Mozilla.102kd74.406h8v8045br_fl=12166cq=2acm3V9PMpe7cGP1CyjECIcwM0n99VAFkXpK-t2kDQzRWVgZCL-xSIUTp1&q=wXrQMvXcJwDQI
bGMvrESLtMNknQA0KKZIrz_dgyEoH9f2nihNzUSkrx6B6yus=Mozilla.125ts79(2).406f2w1p3&tuif=3198&ct=Mozilla

5925e39cled16376bb7215b6544fc6a2 http. objects/%3fbix=Mozilla.125ts79(2).406f2w1p3&tuif=3198&ct=Mozilla

5925e39cled16376bb7215b6544fc6a2 http. objects/%3fbix=Mozilla.125ts79(2).406f2w1p3&tuif=3198&ct=Mozilla

bGMvrESLtMNknQA0KKZIrz_dgyEoH9f2nihNzUSkrx6B6yus=Mozilla.125ts79.406f2w1p3&tuif=3198&ct=Mozilla
```

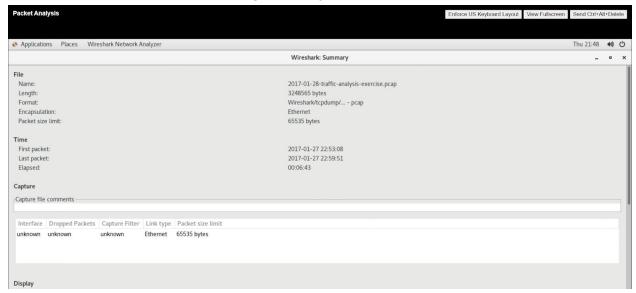
Type 1

[student@packet-analysis http_objects]\$ ls -la | grep Mozilla.125ts79
-rw-r--r--.1 root root 98805 Apr 23 22:17 %3fbiw=Mozilla.125ts79(1).406f2wlp3&tuif=3198&ct=Mozilla
-rw-r--r--.1 root root 98805 Apr 23 22:17 %3fbiw=Mozilla.125ts79(1).406f2wlp3&tuif=3198&ct=Mozilla
-rw-r--r--.1 root root 98805 Apr 23 22:25 %3fbiw=Mozilla.125ts79(1).406f2wlp3&tuif=3198&ct=Mozilla
-rw-r--r--.1 root root 98805 Apr 23 22:25 %3fbiw=Mozilla.102kd74.406fbw0804&br_fl=1216&oq=2acm3V9PMpe7cGPlCyjECIcwM0n99VAFkXpK-t2kDQzRWVgZCL-xSIUTpl&q=wXrQMvXCJwD
JDObGMVrESLtMNknQA0KKZIT2_dqyEOH9f2nihnZuSkrx6B6yus=Mozilla.125ts79(2).406f2wlp3&tuif=3198&ct=Mozilla
-rw-r-----1 root root 98805 Apr 23 22:13 %3fbiw=Mozilla.125ts79(2).406f2wlp3&tuif=3198&ct=Mozilla
-rw-r-----1 root root 98805 Apr 23 22:13 %3fbiw=Mozilla.125ts79(2).406f2wlp3&tuif=3198&ct=Mozilla

Questions

Analysis

1. The packets were captured during what day and time?



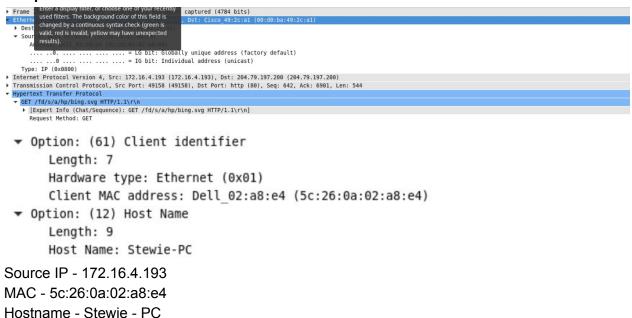
First packet - 01-27-2017 , 22:53:08 Last packet - 01-27-2017 , 22:59:51







2. What is the IP address, Mac address, and host name of the infected Windows computer?



3. When did the infection begin? (Date and Time)

2819 2017-01-27 22:34:43	1/2.10.4.193	104.28.18.74	HITE	503 www.nomeimprovement.com	GET /wp-content/themes/arras/css/base
2838 2017-01-27 22:54:43	172.16.4.193	74.125.141.100	HTTP	400 www.google-analytics.com	GET /analytics.js HTTP/1.1
2841 2017-01-27 22:54:43	172.16.4.193	74.125.141.100	HTTP	393 www.google-analytics.com	GET /ga.js HTTP/1.1
2852 2017-01-27 22:54:43	172.16.4.193	194.87.234.129		605 tyu.benme.com	GET /?ct=Vivaldi&biw=Vivaldi.95ec76.4
2896 2017-01-27 22:54:43	172.16.4.193	194.87.234.129	HTTP	593 tyu.benme.com	GET /?q=zn_QMvXcJwDQDofGMvrESLtEMUbQA

Infection started at 01-27-2017, 22:54:43

4. What type of malware was the computer infected with?

The Malware type was Trojan Horse(Shown in VirusTotal Analysis).

5. What happened during the infection?

The malware tried to contact other urls and downloaded other malicious payloads including the exploit kits.

Recommended Cleanup and Mitigation Strategies

First we should try to kill any malware related processes detected using a combination of wireshark, any antivirus, tak manager, snort and other tools. Then we should Block all incoming and outgoing traffic using Firewall(Network Firewall Preferred, but can use ufw or iptables as well). Then use system tools and logs to remove all suspicious programs and reset all your passwords after that. Then create firewall rules to allow only required network traffic and install some good malware scanner and mitigation software for your system(preferably for web apps







as well). Keep OS and apps like browsers up to date (especially security updates) and create a backup of the system and store it in case you have your system compromised in the future.

Extra Credit

1. Before the Windows computer was infected, what did the user search for on Bing?

Destination	Protoc	Lengt	Host	Inf	0
204.79.197.200	HTTP	1232	www.bing.com	GET	/fd/ls/GLinkPing.aspx?IG=D4F74B07AC0046C0A37B17FFF41FC882&&ID=SERP,5577.1&url=%2Fse
204.79.197.200	HTTP	1233	www.bing.com	GET	/search?q=home+improvement+remodeling+your+kitchen&qs=n&sp=-1&pq=home+improvement+i
204.79.197.200	HTTP	1132	www.bing.com	GET	/fd/ls/l?IG=DFAC01136B164DD4BE267DC623C63672&Type=Event.CPT&DATA={"pp":{"S":"L","F0
111.221.104.81	HTTP	563	3a0849dbc3c36a673eb2ddd2fcf0494a.clo.footprintdns.com	GET	/apc/trans.gif HTTP/1.1
104.211.160.15	HTTP	563	40bbdaf00bf29a6114a5019e397a2a15.clo.footprintdns.com	GET	/apc/trans.gif HTTP/1.1
204.79.197.200	HTTP	741	www.bing.com	GET	/Passport.aspx?popup=1 HTTP/1.1
13.78.149.173	HTTP	563	da6ab9a9cf82c8f939081a82c7d90031.clo.footprintdns.com	GET	/apc/trans.gif HTTP/1.1
111.221.104.81	HTTP	594	3a0849dbc3c36a673eb2ddd2fcf0494a.clo.footprintdns.com	GET	/apc/17k.gif?3a0849dbc3c36a673eb2ddd2fcf0494a HTTP/1.1
104.211.160.15	HTTP	594	40bbdaf00bf29a6114a5019e397a2a15.clo.footprintdns.com		/apc/17k.gif?40bbdaf00bf29a6114a5019e397a2a15 HTTP/1.1
13.78.149.173	HTTP	594	da6ab9a9cf82c8f939081a82c7d90031.clo.footprintdns.com	GET	/apc/17k.gif?da6ab9a9cf82c8f939081a82c7d90031 HTTP/1.1
138.91.83.37	HTTP	852	report.footprintdns.com	GET	/trans.gif?&MonitorID=AZR&rid=DFAC01136B164DD4BE267DC623C63672&w3c=true&prot=http:

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2. What exploit kit was used to infect the Windows computer?

Multiple Exploit Kits were used including -Swf Exploit ExpKit.Gen2 Exploit-RigKit.i

3. What is the name of the malware?

Multiple types of malware were used including -Trojan Horse - Cryxos Trojan Horse - GenericKD