Hacking Case

Digital Forensics Report

Panagiotis Kolliopoulos

September 2023

Intern on Zelus IKE

Abstract

In this scenario an old Dell CPi notebook computer has been found and it is suspected that a so-called hacking suspect "Greg Schardt", is the owner of this device. A hard drive disc image has been generated and made available to us for analysis. We will analyze the disc using the free software Autopsy and we will try to answer 31 questions to gather evidence about this case.

Information

Forensics Examiner: Panagiotis Kolliopoulos

Offence: Hacking Suspect: Greg Schardt

Scenario

On 09/20/04, a Dell CPi notebook computer, serial # VLQLW, was found abandoned along with a wireless PCMCIA card and an external homemade 802.11b antennae. It is suspected that this computer was used for hacking purposes, although cannot be tied to a hacking suspect, G=r=e=g S=c=h=a=r=d=t. (The equal signs are just to prevent web crawlers from indexing this name; there are no equal signs in the image files.) Schardt also goes by the online nickname of "Mr. Evil" and some of his associates have said that he would park his vehicle within range of Wireless Access Points (like Starbucks and other T-Mobile Hotspots) where he would then intercept internet traffic, attempting to get credit card numbers, usernames & passwords. This test image requires a variety of skills to answer the given questions. Find any hacking software, evidence of their use, and any data that might have been generated. Attempt to tie the computer to the suspect, G=r=e=g S=c=h=a=r=d=t.

Software that used

- Autopsy 4.20.0
- Free Download Manager
- Epoch Converter
- DCode v5.5
- OUI Lookup Tool

Evidence that collected

We have a disc drive image (split in 8 parts) and also an EnCase image that we collected from <u>Hacking Case (nist.gov)</u>. The final format of the image will be the same, either using the disc drive image or the EnCase image. It will be a file full of symbols that we can see by just

clicking on one of the image links:

https://www.cfreds.nist.gov/images/4Dell%20Latitude%20CPi.E01. So, as the raw images and the EnCase images are in the same format, I chose the EnCase one. I am using Free Download Manager because I had issues downloading the images by myself. I just copied the link of the image file into this tool and it will download the data into one file.

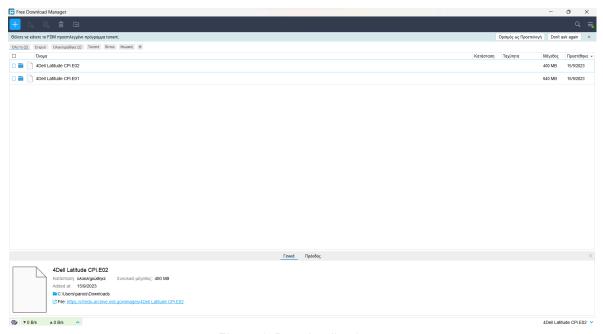


Figure 1. Downloading images

For the analysis of the image, I'm using the open source Autopsy software for Windows. I just started a new "Case" in Autopsy by loading the forensic image. Then I landed on the main screen of the software and started the analysis of the disc image.

To test the image first we have to upload the image in Autopsy. The steps to upload the image in autopsy are shown below.

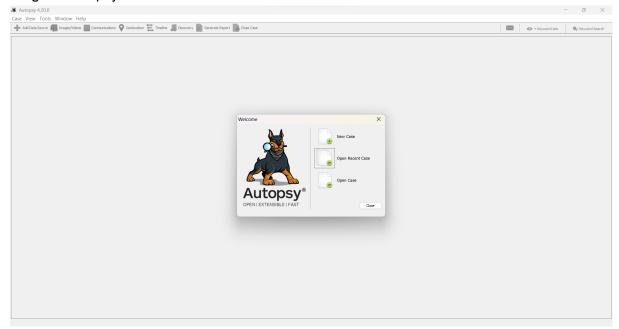


Figure 2. Autopsy home page

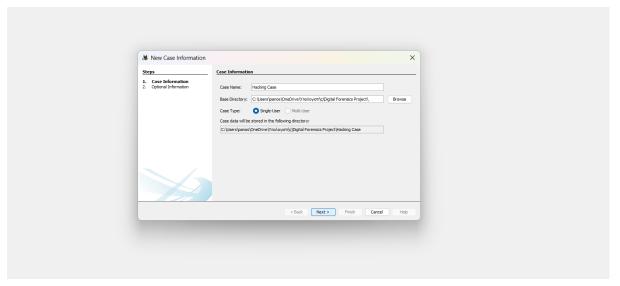
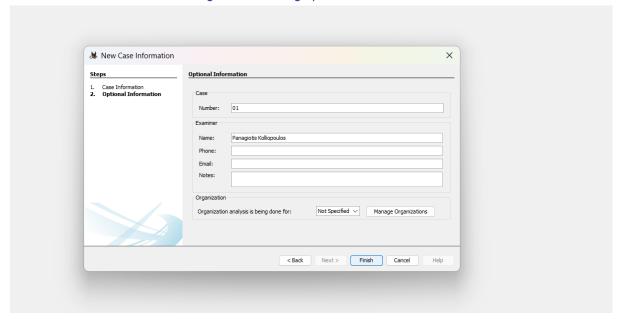


Figure 3. Entering case information

Figure 4. Entering optional information



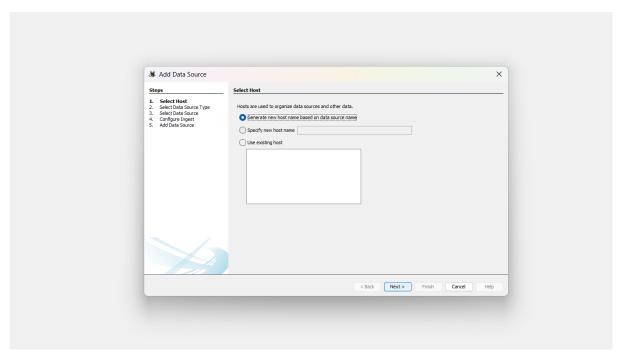


Figure 5. SelectinHost

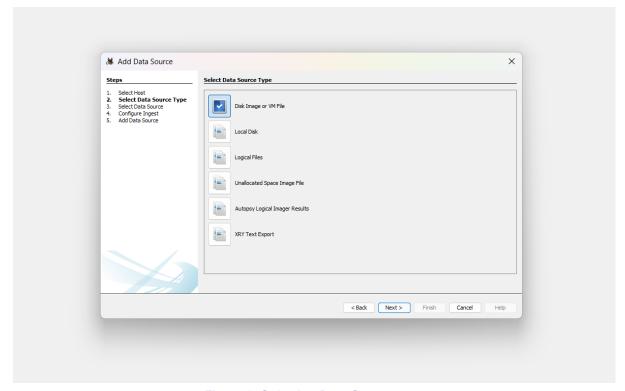


Figure 6. Selecting Data Source type

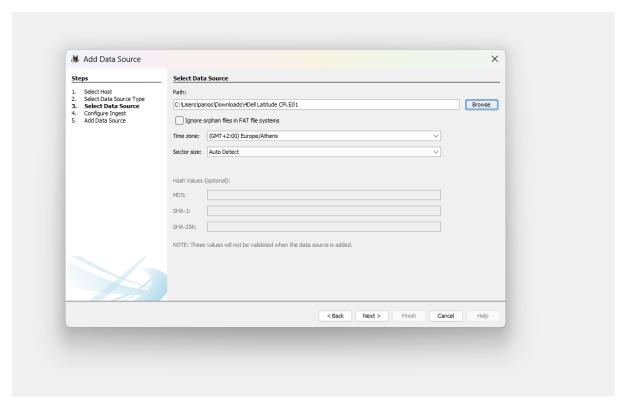


Figure 7. Selecting Data Source Path

Then we click "Finish" and we are done. We can now start the analysis of the image!

Forensic examination of evidence

For the examination of evidence we had to answer the following questions.

- 1. What is the image hash? Does the acquisition and verification hash match?
- 2. What operating system was used on the computer?

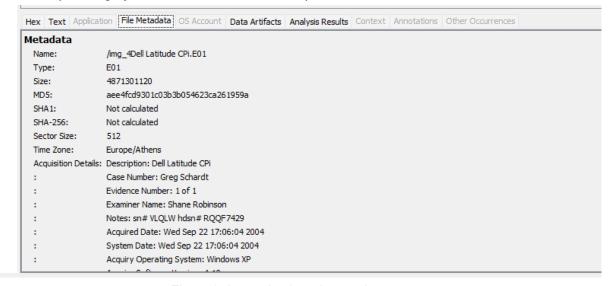


Figure 8. Image hash and operating system

We find this info in "Acquisition details" which we find by clicking on Data Source -> image file. Then in the file metadata, we find the required info. Acquisition hash is not given in the

above scenario. So, we don't say whether the acquisition hash & verification hash match or not.

From the above method, we find that the Operating system used in the computer is "Microsoft Windows XP".

- 3. When was the install date?
- 5. Who is the registered owner?

First, we google search to find the registry location where the windows installation date is stored. After the search, we find that the registry value is

"HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\InstallDate". So our full path is:- "C:\Windows\system32\config\Software\Microsoft\Windows NT\CurrentVersion\" and we will click on "Application".

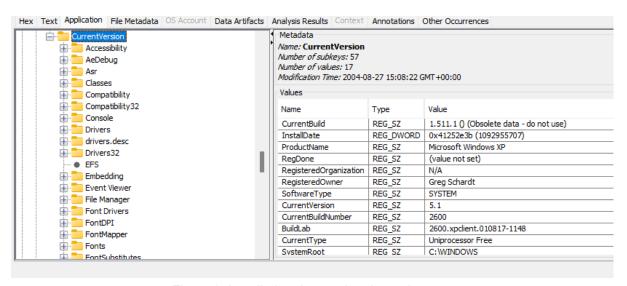


Figure 9. Installation date and registered owner

Note: It is mentioned in the google search that it stores the date in UNIX time format. So after getting the time we have to convert it in human-readable format too.

On opening the required registry we find that the install date is "1092955707". So we must convert it into a human-readable format. I used the Epoch Converter for the conversion.



Epoch & Unix Timestamp Conversion Tools

The current Unix epoch time is

1694888340

Convert epoch to human-readable date and vice versa

1092955707 Timestamp to Human date [batch convert]

Supports Unix timestamps in seconds, milliseconds, microseconds and nanoseconds.

Assuming that this timestamp is in **seconds**: **GMT**: Thursday, 19 August 2004 10:48:27 PM

Your time zone: Παρασκευή, 20 Αυγούστου 2004 1:48:27 ΠΜ GMT+03:00 DST

Relative: 19 years ago

Figure 10. Conversion of Unix time into GMT

So the install date in GMT is "Thursday, August 19, 2004 10:48:27 PM". (Till now we don't know the timezone of the acquired system so maybe the time is different in the system than the time which we find above.)

Then as we can observe, from this path we have the answer for question 5 too. On seeing the above image we find that the registered owner's name is "Greg Schardt".

4. What is the timezone settings?

To find this first I search for the registry location which stores information related to timezone. After searching I found a site in which the location of the registry is given as "HKEY_LOCAL_MACHINE\system\CurrentControlSet\Control\TimeZoneInformation".

So the Full Path is =

"C:\windows\system32\config\system\CurrentControlSet\Control\TimeZoneInformation". On visiting the required registry we find that the required timezone is "Central Standard Time (CST)".

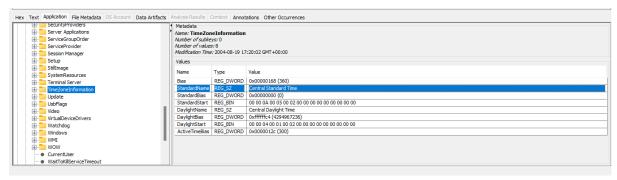


Figure 11. Timezone information

Then I search for the relation between CST & GMT. After the search, we find that CST is (GMT- 06:00). So the time zone of the system is "Central Standard Time (GMT — 06:00)". (NOTE: Now, the installation date of system according to its timezone is "Thursday, August 19, 2004 04:48:27 PM" instead of "Thursday, August 19, 2004 10:48:27 PM" because now we know that the timezone of the system is CST which is "GMT — 06:00".)

- 6. What is the computer account name?
- 7. What is the primary domain name?

We searched on the internet again and we found that we have to check this registry "HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Winlogon". So the Full Path is "C:\windows\system32\config\software\Microsoft\Windows NT\CurrentVersion\Winlogon"

On seeing the DefaultUserName we say that the computer account name is "Mr. Evil".

On seeing this registry we find out the answer to question 7 too, in the DefaultDomainName. So the primary domain name is "N-1A9ODN6ZXK4LQ".

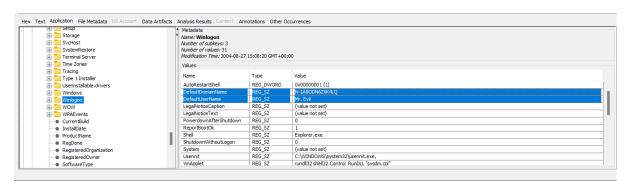


Figure 12. Computer account and primary domain names

8. When was the last recorded computer shutdown date/time?

To find this, first I search for the registry that stores the last shutdown date/time. On searching, we found that the required registry is

"HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Control\Windows\ShutdownTime". On opening the registry in Autopsy we find that the Shutdown time is "C4 FC 00 07 4D 8C C4 01".

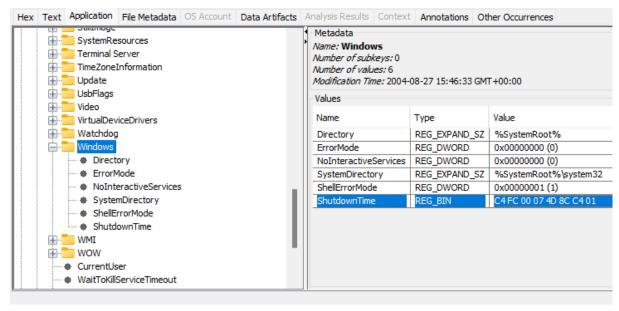


Figure 13. Shutdown time

Path =

"C:\windows\system32\config\system\CurrentControlSet\Control\Windows\ShutdownTime" Now, I don't know how to convert that shutdown time into human-readable form. So I searched online and found a tool named "DCode" which is a timestamp decoder. After inserting the shutdown time in that tool. I get the time in human-readable form as "2004–08–27 10:46:33 AM". So, the last recorded computer shutdown date/time is "2004–08–27 10:46:33 AM".

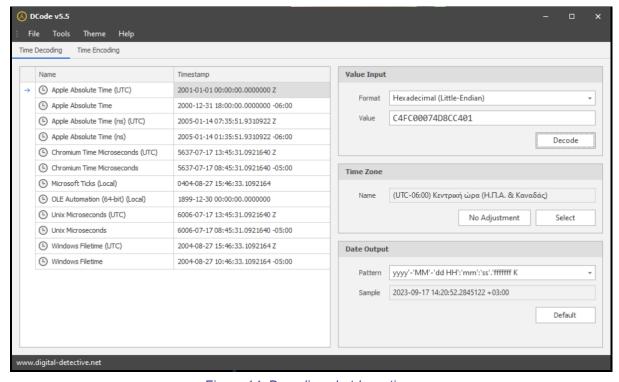


Figure 14. Decoding shutdown time

- 9. How many accounts are recorded (total number)?
- 10. What is the account name of the user who mostly uses the computer? In Autopsy we go to "OS Accounts" in the left tree structure. The account name is present in the Login Name column. So the total number of recorded accounts is 5 (Administrator, Guest, HelpAssistant, Mr. Evil, Support_388945a0).

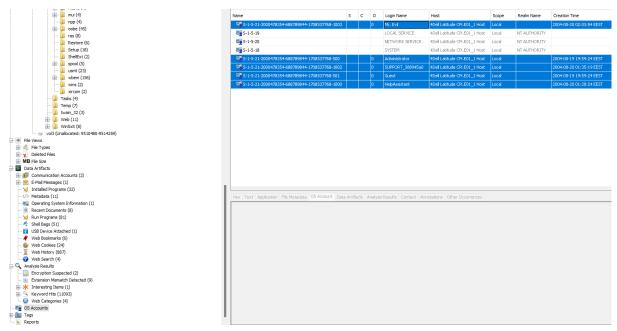


Figure 15. Accounts

I clicked on each user and i found a field called "Login Count" which stores the number of times the user logged in the system.

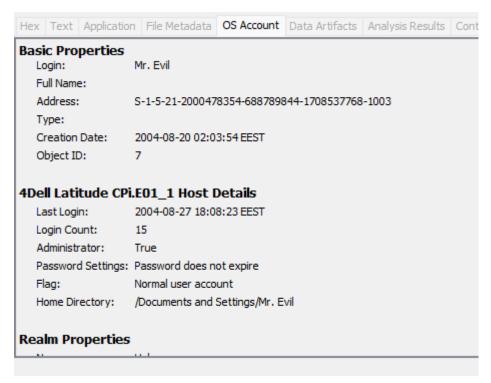


Figure 16. User login count

On seeing the above image we found out that only "Mr. Evil" logged into the system 15 times. So, the account name of the user who mostly uses the computer is "Mr. Evil".

11. Who was the last user to logon to the computer?

On searching on google, I found that the name of the last user who logged in successfully appears in the key "DefaultUserName" of registry and we know from question 6 that the answer is "Mr. Evil". So the last user who logon into the computer is "Mr. Evil".

- 12. A search for the name of "G=r=e=g S=c=h=a=r=d=t" reveals multiple hits. One of these proves that G=r=e=g S=c=h=a=r=d=t is Mr. Evil and is also the administrator of this computer. What file is it? What software program does this file relate to?
- 14. This same file reports the IP address and MAC address of the computer. What are they?

To search for "Greg Schardt" I entered the name in the keyword search & I got 10 results. After searching every file I found one interesting file whose location is "C:\Program Files\Look@LAN\irunin.ini". On searching for the file I found that Look@LAN is an application that allows users to monitor the clients who are connected to LAN. In the irunin.ini file, it is mentioned that regowner is Greg Schardt while the LAN user is Mr. Evil which proves that both are the same.

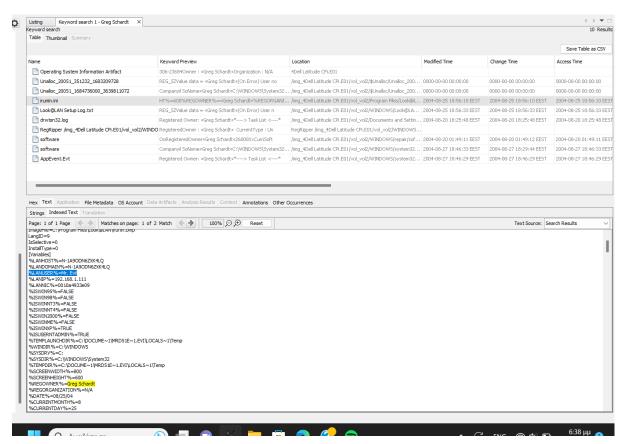


Figure 17. Keyword search result

So the name of the file is "irunin.ini" & the name of the software program is "Look@LAN".

If we look closely at the elements of this file we can also answer question 14, because we know that the Look@LAN application monitors the client which is connected to the LAN.

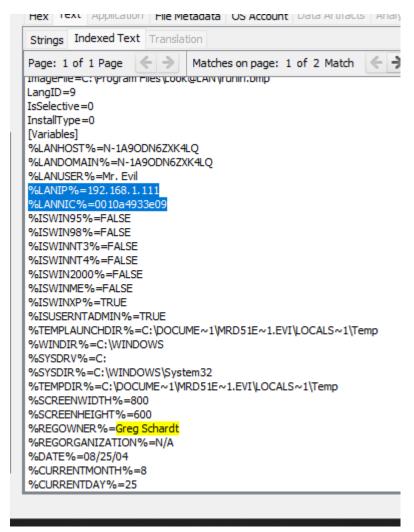


Figure 18. IP and MAC address

On seeing the above image we find out that the IP address & MAC address of the computer are 192.168.1.111 & 0010a4933e09 respectively.

13. List the network cards used by this computer

First I searched for the registry which stores info about network cards and I found out the registry location is "HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\NetworkCards". Now in Autopsy, I go to this registry and see the network cards details. The Full Path is =

"C:\windows\system32\config\software\Microsoft\WindowsNT\CurrentVersion\NetworkCards"

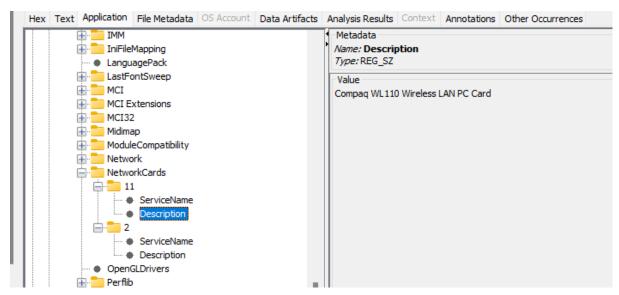


Figure 19. First network card

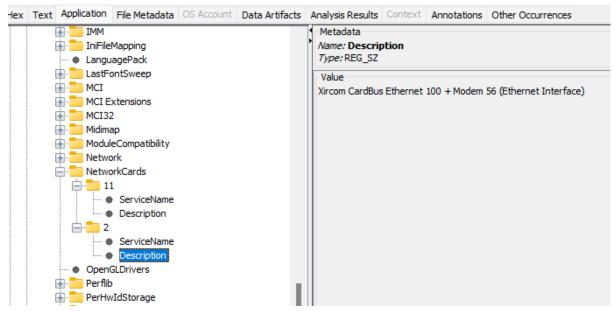


Figure 20. Second network card

From both the above images we find out that the name of both the network cards is "Compaq WL110 Wireless LAN PC Card" & "Xircom CardBus Ethernet 100 + Modem 56 (Ethernet Interface)".

15. An internet search for vendor name/model of NIC cards by MAC address can be used to find out which network interface was used. In the above answer, the first 3 hex characters of the MAC address report the vendor of the card. Which NIC card was used during the installation and set-up for LOOK@LAN?

In question 14, we find out that the NIC which is used in the system has MAC address 0010a4933e09, so now we search for the vendor name. In the site https://rst.im/oui/ we find out that the NIC card which was used during the installation & set-up for Look@LAN is "Xircom CardBus Ethernet 100 + Modem 56 (Ethernet Interface)".

OUI Lookup Tool

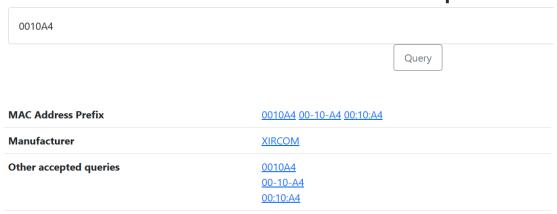


Figure 21. OUI lookup or vendor lookup

16. Find 6 installed programs that may be used for hacking.

On seeing into "C:\Program Files" we can easily find out all the installed programs. Then I search each program to find out the programs which may be used for hacking.

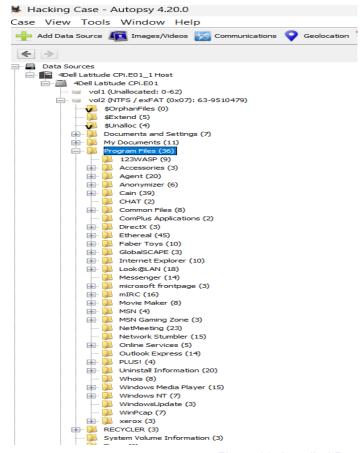


Figure 22. Installed Program list

After searching I found out the following 6 programs which may be used for hacking:-

- a) 123WASP:- Software used to get all stored passwords.
- b) Anonymizer:- Tool used to create a proxy.
- c) Cain:- Password cracking tool
- d) Ethereal (Today's Wireshark):- network protocol analyzer
- e) Look@LAN:- Network monitoring tool
- f) NetStumbler:- wireless networking tool to hack wifi password
- 17. What is the SMTP email address for Mr. Evil?
- 18. What are the NNTP (news server) settings for Mr. Evil?

To find this I take the help of keyword search. I simply searched for "SMTP email" & got some results. After searching through all the files, I found a file named "NTUSER.DAT" in which I found an SMTP email address for Mr. Evil.

Path = "C:\Documents and Settings\Mr.Evil\NTUSER.DAT"

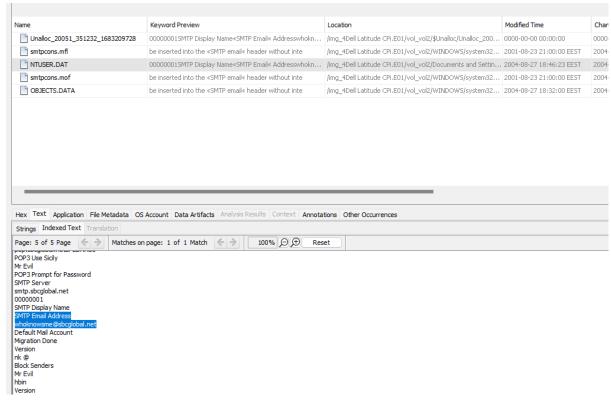


Figure 23. SMTP info

So, we find out that the SMTP email address of Mr. Evil is "whoknowsme@sbcglobal.net".

In the same file I observed that it had information about question 18 too.

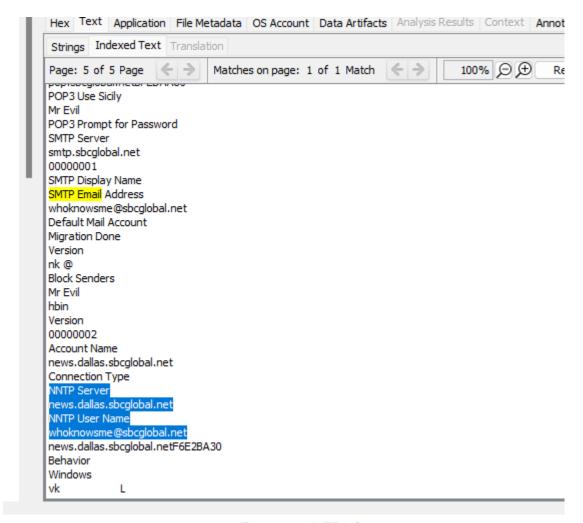


Figure 24. NNTP info

On seeing highlighted text in the above image we found out that NNTP

- a) server name is "news.dallas.sbcglobal.net",
- b) username is "whoknowsme@sbcglobal.net".

19. What two installed programs show this information?

For this question I searched for "whoknowsme@sbcglobal.net". From the results I searched the files and I have found two files that show this information. The first one is NTUSER.DAT that we can connect it with Outlook if we search on it's text field and the second one is AGENT.INI that we can connect it with Forte Agent if we follow the same tactic.

Unalloc_20051_351232_1683209728		Location
	POP3 User Name«whoknowsme@sbcglobal.net«nk 0220d5cc	/img_4Dell Latitude CPi.E01/vol_vol2/\$Unalloc/Unalloc_20051_351232_1683209726
RegRipper /img_4Dell Latitude CPi.E01/vol_vol2/Documents and S	et n\UnreadMail«whoknowsme@sbcglobal.net« [Fri Aug 20 21:18:30	RegRipper /img_4Dell Latitude CPi.E01/vol_vol2/Documents and Settings/Mr. Evil/N
NTUSER.DAT	\WaWinTrust«whoknowsme@sbcglobal.net«emMessageCountWinT	/img_4Dell Latitude CPi.E01/vol_vol2/Documents and Settings/Mr. Evil/NTUSER.DA
AGENT.INI	EMailAddress="«whoknowsme@sbcglobal.net«"EMailAddressFormat=0	/img_4Dell Latitude CPi.E01/vol_vol2/Program Files/Agent/Data/AGENT.INI
0000169B.IDX	enuMr Evil <«whoknowsme@sbcglobal.net«>	/img_4Dell Latitude CPi.E01/vol_vol2/Program Files/Agent/Data/0000169B.IDX
0000168F.IDX	enuMr Evil <«whoknowsme@sbcglobal.net«>	/img_4Dell Latitude CPi.E01/vol_vol2/Program Files/Agent/Data/0000168F.IDX
00000D28.IDX	enuMr Evil <«whoknowsme@sbcglobal.net«>	/img_4Dell Latitude CPi.E01/vol_vol2/Program Files/Agent/Data/00000D28.IDX
000004B1.IDX	enuMr Evil <«whoknowsme@sbcglobal.net«>	/img_4Dell Latitude CPi.E01/vol_vol2/Program Files/Agent/Data/000004B1.IDX
000004B0.IDX 00000D28.IDX	enuMr Evil <«whoknowsme@sbcglobal.net«>	/img_4Dell Latitude CPi.E01/vol_vol2/Program Files/Agent/Data/000004B0.IDX
000004AF.IDX	enuMr Evil <«whoknowsme@sbcglobal.net«>	/img_4Dell Latitude CPi.E01/vol_vol2/Program Files/Agent/Data/000004AF.IDX
00000158.IDX	enuMr Evil <«whoknowsme@sbcglobal.net«>	/img_4Dell Latitude CPi.E01/vol_vol2/Program Files/Agent/Data/00000158.IDX
00000157.IDX	enuMr Evil <«whoknowsme@sbcglobal.net«>	/img_4Dell Latitude CPi.E01/vol_vol2/Program Files/Agent/Data/00000157.IDX
00000152.IDX	enuMr Evil <«whoknowsme@sbcglobal.net«>	/img_4Dell Latitude CPi.E01/vol_vol2/Program Files/Agent/Data/00000152.IDX

Figure 25. Keyword search

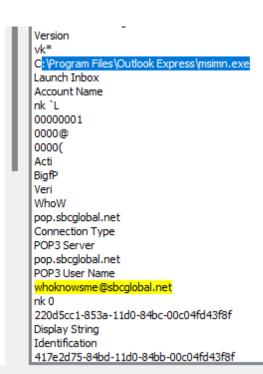


Figure 26. NTUSER.DAT text

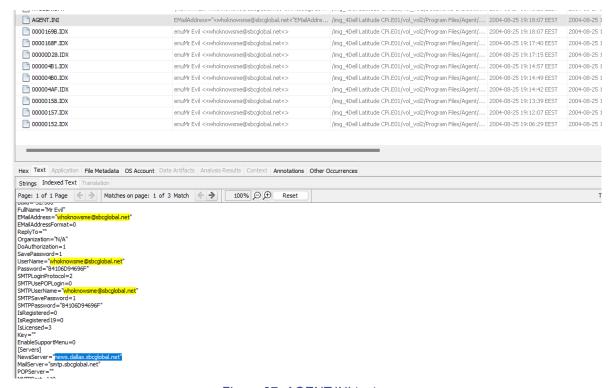


Figure 27. AGENT.INI text

20. List 5 newsgroups that Mr. Evil has subscribed to?

For this question I searched on where all the Outlook Express email folders and messages are stored. I found that the location of this directory is :

Documents and

Settings\user_name\LocalSettings\ApplicationData\Identities\Microsoft\Outlook Express So we go to the Path: "C:\Document and Settings\Mr. Evil\Local Settings\Application Data\Identities\{EF086998-1115-4ECD-9B13 9ADC067B4929} \Microsoft\Outlook Express" and we found many newsgroup to which Mr. Evil has subscribed. Some of them are: "Alt.binaries.hacking.utilities, Alt.stupidity.hackers.malicious, Free.binaries.hacking.talentless.troll_haven, alt.dss.hack".

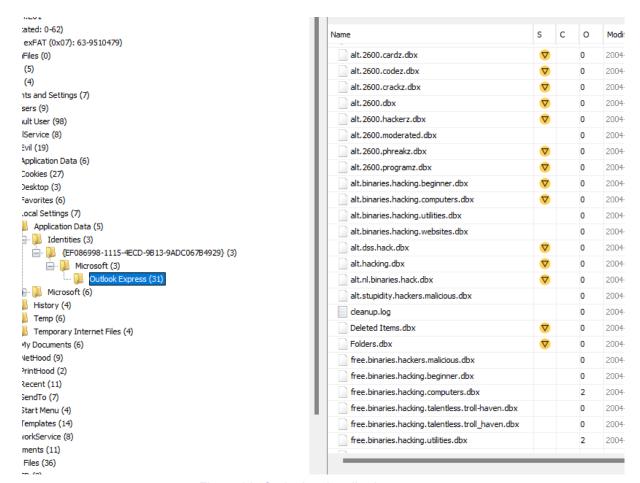


Figure 28. Outlook subscribed newsgroup

21. A popular IRC (Internet Relay Chat) program called MIRC was installed. What are the user settings that were shown when the user was online and in a chat channel? To view the user settings of MIRC we have to see the file "mirc.ini" whose path is "C:\Program Files\mIRC\mirc.ini".

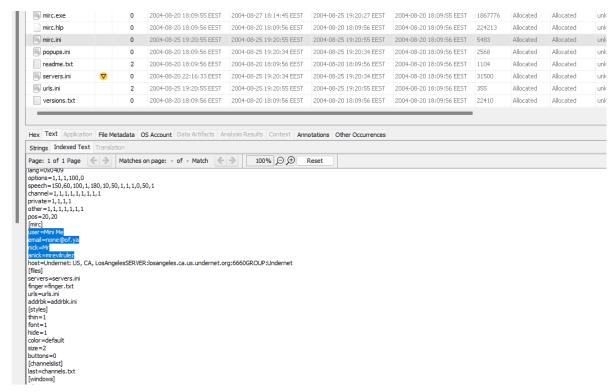


Figure 29. IRC user settings

User settings which were shown when the user was online are highlighted as follows: "user=Mini Me, email=none@of.ya, nick=Mr, & anick=mrevilrulez".

22. This IRC program has the capability to log chat sessions. List 3 IRC channels that the user of this computer accessed.

To view the logs we have to go inside the logs directory of mIRC.

Path: "C:\Program Files\mIRC\logs"

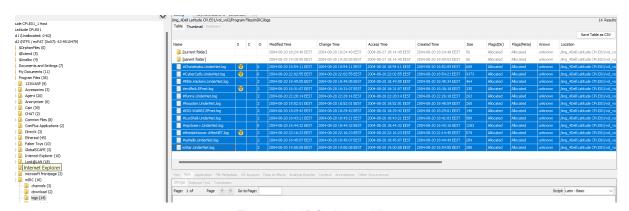


Figure 30. IRC channel list

In the above image, the list of IRC channels are selected. Some IRC channels are as follows: Ushells.undernet.log, Elite.hackers.undernet.log, and Mp3xserv.undernet.log.

23. Ethereal, a popular "sniffing" program that can be used to intercept wired and wireless internet packets was also found to be installed. When TCP packets are collected and re-assembled, the default save directory is that users \My Documents directory. What is the name of the file that contains the intercepted data?

On searching, we find that the "recent" file of the ethereal directory holds this info whose path is: "C:\Documents and Settings\Mr. Evil\Application Data\Ethereal\recent". On viewing the recent file we find that the location of the file which stores captured or intercepted data is "C:\Documents and Settings\Mr. Evil\interception". Hence, the name of the file which stores intercepted data is "interception".

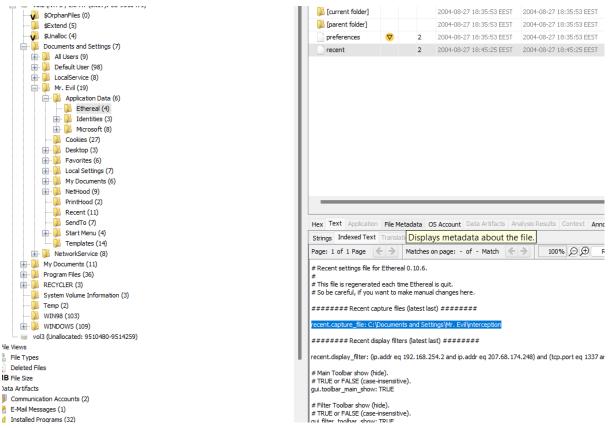


Figure 31. Recent file of ethereal

- 24. Viewing the file in a text format reveals much information about who and what was intercepted. What type of wireless computer was the victim (person who had his internet surfing recorded) using?
- 25. What websites was the victim accessing?

In the above question, we find the location of the file as "C:\Documents and Settings\Mr. Evil\interception". On viewing the file we find out that the user agent is MSIE 4.01 with Windows CE. Hence, the type of wireless computer which was used by the victim is "Microsoft Internet Explorer (MSIE) 4.01 with Windows CE (Pocket PC)".

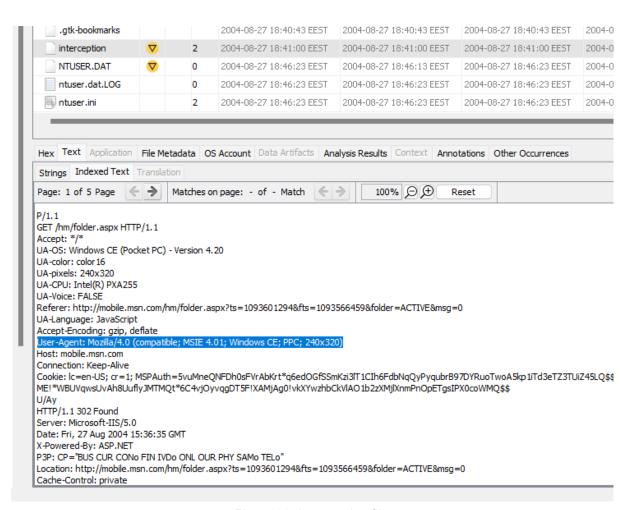


Figure 32. Interception file

From this file we can answer the question 25 too.

```
P/1.1
GET /hm/folder.aspx HTTP/1.1
Accept: */*
UA-OS: Windows CE (Pocket PC) - Version 4.20
UA-color: color 16
UA-pixels: 240x320
UA-CPU: Intel(R) PXA255
UA-Voice: FALSE
Referer: http://mobile.msn.com/hm/folder.aspx?ts=1093601294&fts=1093566459&folder=ACTIVE&msg=0
UA-Language: JavaScript
Accept-Encoding: gzip, deflate
User-Agent: Mozilla/4.0 (compatible; MSIE 4.01; Windows CE; PPC; 240x320)
Connection: Keep-Alive
Cookie: It=en-US; cr = 1; MSPAuth=5vuMneQNFDh0sFVrAbKrt*q6edOGfSSmKzi3lT1CIh6FdbNqQyPyqubrB97DYRuoTwoA5kp1lTd3eTZ3TUiZ45LQ$$; MSPProf=5ynMe!*WBUVqwsUvAh8UuflyJMTMQt*6C4vjQyvqgDT5F!XAMjAg0!vkXYwzhbCkVlAO1b2zXMjlXnmPnOpETgsIPX0coWMQ$$
HTTP/1.1 302 Found
Server: Microsoft-IIS/5.0
Date: Fri, 27 Aug 2004 15:36:35 GMT
P3P; CP="BUS CUR CONo FIN IVDo ONL OUR PHY SAMo TELo"
Location: http://mobile.msn.com/hm/folder.aspx?ts=1093601294&fts=1093566459&folder=ACTIVE&msg=0
Cache-Control: private
```

Figure 33. First access website

```
Hex Text Application File Metadata OS Account Data Artifacts Analysis Results Context Annotations Other Occurrences

Strings Indexed Text Translation

Page: 1 of 5 Page * Nather Strings Indexed Text Translation

Page: 1 of 5 Page * Nather Strings Indexed Text Translation

Text Source: File Text

Cache-Control: private, max-seg=3500

Content-1 yes: text, finity, charset-suf-8

Content-1 yes: text, finity, charset-suf-8

Content-1 yes; text, finity, charset-su
```

Figure 34. Second access website

On seeing the above images from the interception file we say that the victim tried to access the "mobile.msn.com & MSN Hotmail" website.

26. Search for the main users web based email address. What is it? In the Extracted content web history (left-side tree structure), we can find many historical browsing files. Searching through these files, we can see some instances where the user had to login. It reveals the email address "mrevilrulez@yahoo.com".

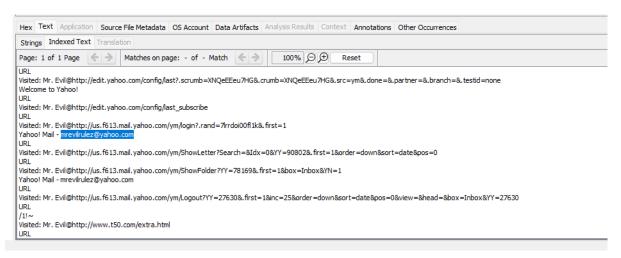


Figure 35. User main email address

27. Yahoo mail, a popular web based email service, saves copies of the email under what file name?

To find this, I do a keyword search on the email address which we found in the above question.

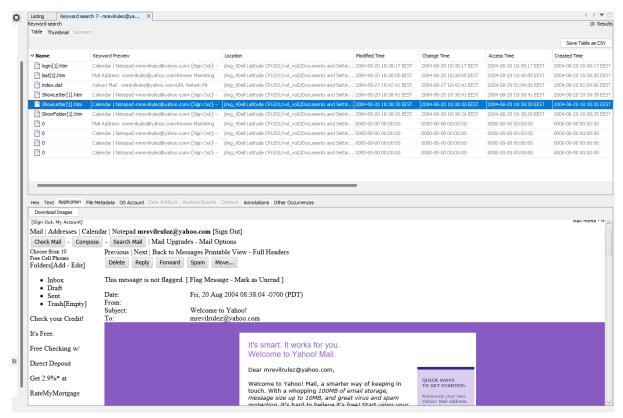


Figure 36. Filename which stores copies of email

After searching all the files of search results I found out that "ShowLetter[1].htm" is the file in which yahoo saves copies of the email.

28. How many executable files are in the recycle bin?

For this, I go into the Recycle Bin folder whose path is:

"C:\RECYCLER\S-1-5-21-2000478354-688789844-1708537768-1003\

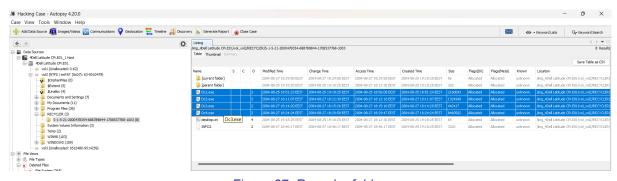


Figure 37. Recycler folder

On seeing the above image of the Recycler folder we found out that there are "4" executable files in the recycle bin.

29. Are these files really deleted?

No, they are not really deleted. As they are in the recycle bin we can restore it. They are only moved inside the recycle bin or stored inside the recycle bin, not deleted.

30. How many files are actually reported to be deleted by the file system? To find this, we just look in the Deleted files in the left-side tree structure.

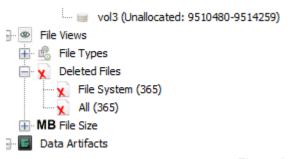


Figure 38. Deleted files

In the above image, we find out that there are a total of 365 files that are actually reported to be deleted by the file system.

31. Perform a Anti-Virus check. Are there any viruses on the computer? Autopsy itself performs an antivirus check & it shows its result inside Interesting Items (left-side tree structure). On seeing that we find one zip bomb inside the computer whose location is "C:\My Documents\FOOTPRINTING \UNIX\unix_hack.tgz".

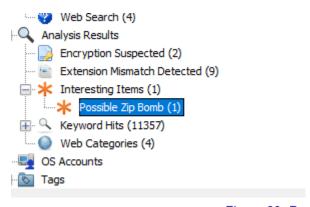


Figure 39. Possible zip bomb

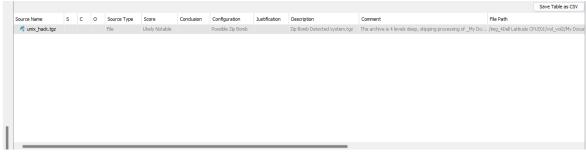


Figure 40. Malicious file

Although zip bombs are not that dangerous as compared to viruses, yet they are malicious & can crash the whole system.

Conclusion

After this writeup, it is clear now that Greg Schardt and Mr. Evil are just one single person. The seized laptop includes hacking software that was used to sniff data from victims, chats on hackers newsgroup and IRC and contains a zip bomb. So, all suspicions about Greg Schardt were true!

Chain of custody

- 01/09/2023-Reading and understanding the scenario, download disc image, open case on Autopsy and a quick look on the drive about what's inside
- 02/09/2023-Starting answering questions and deeper analysis of the disc
- 09/09/2023-Finish with the last questions and make conclusions
- 10/09/2023-Writing the report with all the findings
- 18/09/2023-Close case

Comments on the tools that used

- Autopsy loads the artifacts of the disc image a little slow, especially if the size of the disc image is big with lots of elements inside
- All the other softwares were perfect on use

Bibliography

- 1. Hacking Case (nist.gov)
- 2. https://www.autopsy.com/download/
- 3. Free Download Manager download everything from the internet
- 4. https://www.epochconverter.com/
- 5. <u>DCode™ Timestamp Decoder Digital Detective (digital-detective.net)</u>
- 6. https://rst.im/oui/
- 7. <u>Download 123 Write All Stored Passwords (WASP) MajorGeeks</u>
- 8. https://en.wikipedia.org/wiki/Anonymizer (company)
- 9. https://en.wikipedia.org/wiki/Cain and Abel (software)
- 10. Download www.profibus.com
- 11. <u>Download Look@LAN MajorGeeks</u>
- 12. The award-winning wireless networking tool and the best source for your daily Wi-Fi, WiMAX, 3G and VoIP news. | NetStumbler
- 13. Zip bomb Wikipedia
- 14. mIRC: Internet Relay Chat client
- 15. Outlook Express Email Forensics Analyze DBX Mail Header (mailxaminer.com)
- 16. NNTP Network News Transfer Protocol tutorial CCNA TUTORIALS
- 17. Find Network Card Interfaces via Windows Registry | AndryHacks
- 18. determine the last logged on user? (microsoft.com)
- 19. <u>FILETIME & conversion issues. General (Technical, Procedural, Software, Hardware etc.) Forensic Focus Forums</u>
- 20. How to Determine the Last Shutdown Time and Date in Windows » Winhelponline
- 21. How can I set the default domain on the Windows NT logon screen? (itprotoday.com)
- 22. Change the Registered Owner Name in Windows 7/8/10 (helpdeskgeek.com)
- 23. Configuring the time zone and code page with Group Policy Dennis Span