

[Exercise] Answer these questions

1. Explain installed OS information in detail. (OS name, install date, registered owner)
2. List all user accounts in OS.
3. What applications were installed by the suspect after installing OS?
4. List application execution logs. (Executable path, execution time, execution user)
5. List recent opened documents (File path, last accessed...)
6. Examine 'Recycle Bin' data in PC.
7. What websites were the suspect accessing? (Timestamp, URL...)
8. List all e-mails of the suspect. If possible, identify deleted e-mails.
9. List external storage devices attached to PC.
10. What actions were performed for anti-forensics on PC at the last day '2015-01-01'?

Autopsy User's Guide: <http://sleuthkit.org/autopsy/docs/user-docs/4.21.0/>

1) System Information

←

→

⚙

Data Sources

File Views

File Types

Deleted Files

MB File Size

Data Artifacts

Chromium Extensions (42)

Chromium Profiles (2)

Communication Accounts (1)

E-Mail Messages (14)

Installed Programs (114)

Operating System Information (1)

Recent Documents (46)

Recycle Bin (10)

Run Programs (95)

Shell Bags (118)

USB Device Attached (16)

Web Bookmarks (25)

Web Cache (2038)

Web Cookies (371)

Web Downloads (9)

Web History (1611)

Web Search (63)

Analysis Results

Extension Mismatch Detected (76)

Interesting Items (2)

Web Categories (6)

OS Accounts

Tags

Score

Reports

Listing

Operating System Information

Table

Thumbnail

Summary

Source Name	S	C	O	Name	Program Name	Processor Architecture	Temporary Files Directory	Path
 cfreds_2015_data_leakage_pc.dd				INFORMANT-PC	Windows 7 Ultimate Service Pack 1	AMD64	%SystemRoot%\TEMP	C:\Windows

Hex

Text

Application

Source File Metadata

OS Account

Data Artifacts

Analysis Results

Context

Annotations

Other Occurrences

Result: 1 of 1

Result

↔

Type	Value
Name	INFORMANT-PC
Program Name	Windows 7 Ultimate Service Pack 1
Processor Architecture	AMD64
Temporary Files Directory	%SystemRoot%\TEMP
Path	C:\Windows
Product ID	00426-292-0000007-85262
Owner	informant
Source File Path	/img_cfreds_2015_data_leakage_pc.dd
Artifact ID	-9223372036854775392

Data Sources

- File Views
- File Types
- Deleted Files
- MB File Size**
- Data Artifacts
- Chromium Extensions (42)
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- Web Search (63)
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- Web Categories (6)**
- OS Accounts
- Tabs
- Score
- Reports

Listing	Table	Thumbnail	Summary
Name	S	C	O
S-1-5-18			
S-1-5-80-956008885-3418522649-1831038044-185		1	
S-1-5-21-2425377081-3129163575-2985601102-1C		1	
S-1-5-21-2425377081-3129163575-2985601102-1C		1	
S-1-5-21-2425377081-3129163575-2985601102-1C		1	
S-1-5-21-2425377081-3129163575-2985601102-1C		1	
S-1-5-20			
S-1-5-19			
S-1-5-80-2620923248-4247863784-3378508180-2E		1	
S-1-5-21-2425377081-3129163575-2985601102-1C		1	
S-1-5-21-2425377081-3129163575-2985601102-5C		1	
S-1-5-21-2425377081-3129163575-2985601102-5C		1	

Basic Properties

Login: informant

Full Name: S-1-5-21-2425377081-3129163575-2985601102-1000

Address:

Type: 2015-03-22 21:33:54 ICT

Creation Date: 3707

Object ID:

cfreds_2015_data_leakage_pc.dd_1 Host Details

Last Login: 2015-03-25 20:06:08 ICT

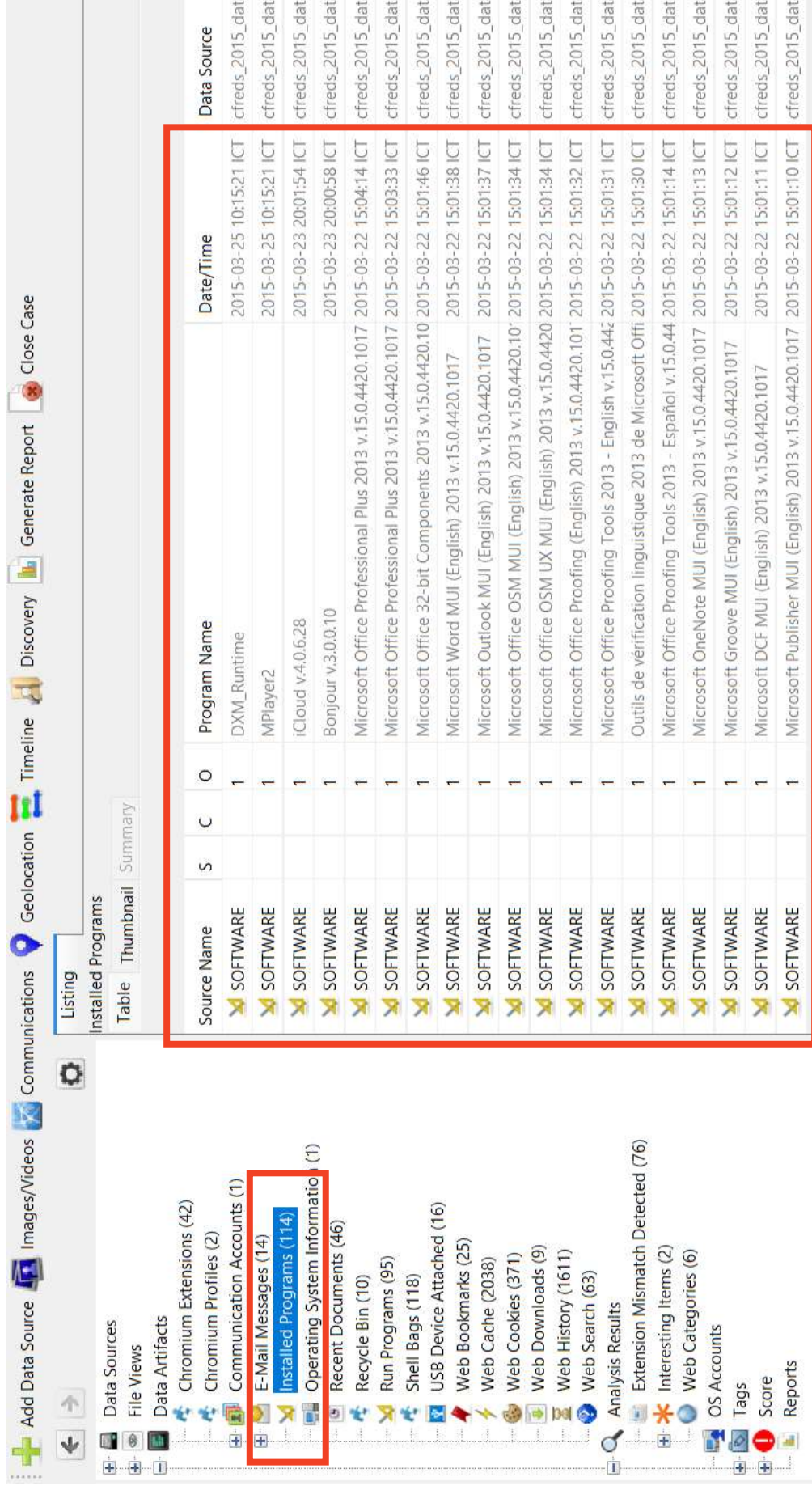
Login Count: 9

Administrator: True

Password Hint: IAMAN

Password Fail Date: 2015-03-22 22:57:48 ICT

3) Installed programs



Add Data Source

Images/Videos

Communications

Geolocation

Timeline

Discovery

Generate Report


Close Case

Listing

Run Programs

Table Thumbnail Summary

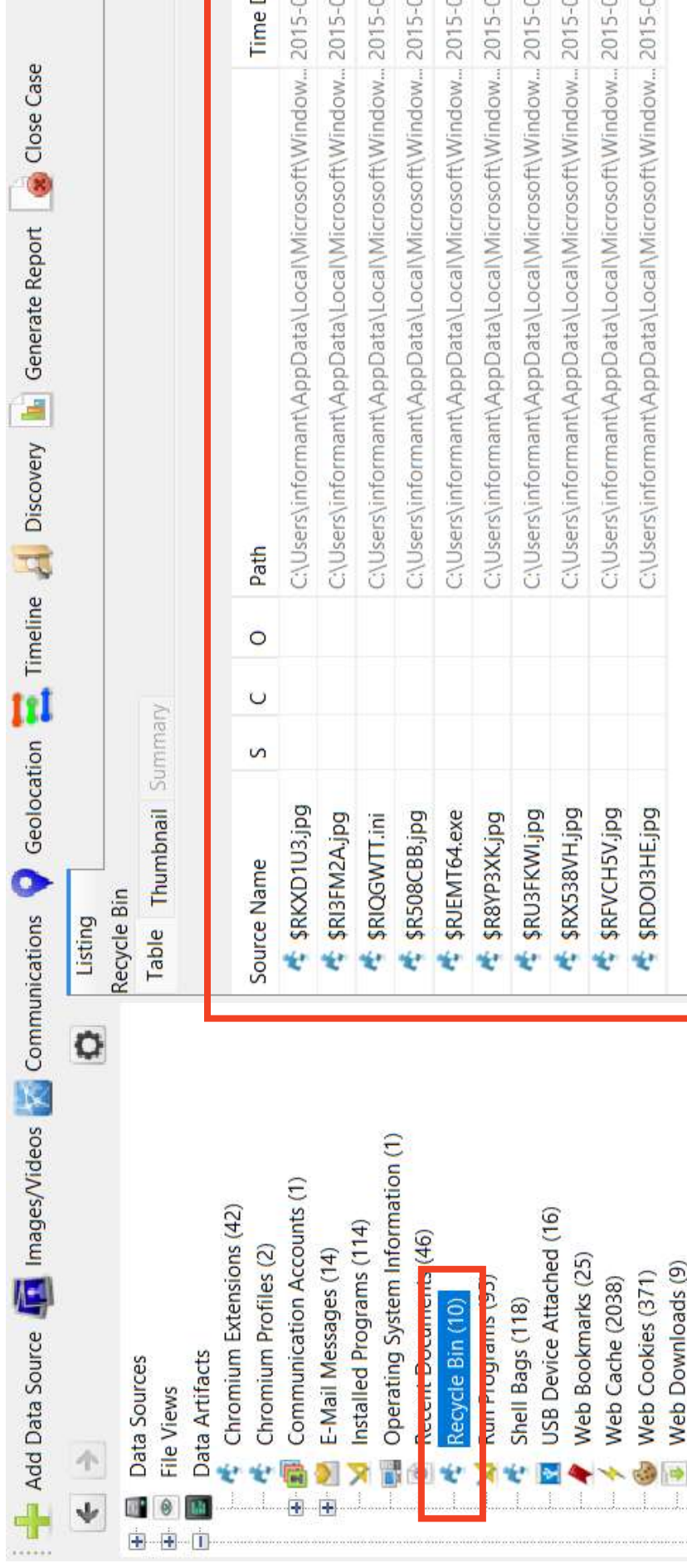
Source Name	S	C	O	Program Name	Path	Date/Time
ASPNET_REGIIS.EXE-75651A3C.pf				ASPNET_REGIIS.EXE	/WINDOWS/MICROSOFT.NET/Framework64/V4.0.303	2015-03-25 21:54:21 IC
ASPNET_REGIIS.EXE-86915B5A.pf				ASPNET_REGIIS.EXE		2015-03-25 21:54:28 IC
AUDIODG.EXE-BDFD3029.pf				AUDIODG.EXE	/WINDOWS/SYSTEM32	2015-03-25 22:14:45 IC
AU_EXE-506726E7.pf				AU_EXE	/USERS/INFORMANT/APPPDATA/LOCAL/TEMP/~NSUT...	2015-03-25 22:18:29 IC
BFSVC.EXE-9C7A4DEE.pf				BFSVC.EXE	/WINDOWS	2015-03-25 17:18:12 IC
CLEANER64.EXE-779BD542.pf				CLEANER64.EXE	/PROGRAM FILES/CLEANER	2015-03-25 22:15:50 IC
CCSETUP504.EXE-6BA2F6A1.pf				CCSETUP504.EXE	/USERS/INFORMANT/DESKTOP/DOWNLOAD	2015-03-25 21:57:56 IC
CHROME.EXE-D999B1BA.pf				CHROME.EXE	/PROGRAM FILES (X86)/GOOGLE/CHROME/APPLICATI...	2015-03-25 04:05:38 IC
CLRG.CEXE-5D5B90F5.pf				CLRG.CEXE	/WINDOWS/WINXS/AMD64_NETFX-CLRGC_B03F5F7E...	2015-03-25 17:18:15 IC
CONHOST.EXE-1F3E9D7E.pf				CONHOST.EXE	/WINDOWS/SYSTEM32	2015-03-25 22:18:36 IC
CONSENT.EXE-531BD9EA.pf				CONSENT.EXE	/WINDOWS/SYSTEM32	2015-03-25 22:18:29 IC
CONTROLEX.E-817F8F1D.pf				CONTROLEX	/WINDOWS/SYSTEM32	2015-03-25 20:29:34 IC
DEVICEDISPLAYOBJECTPROVIDER.E-17410B90.pf				DEVICEDISPLAYOBJECTPROVIDER.E		2015-03-25 04:02:47 IC
DLLHOST.EXE-4F28A26F.pf				DLLHOST.EXE	/WINDOWS/SYSTEM32	2015-03-25 04:01:10 IC
DLLHOST.EXE-5E46FA0D.pf				DLLHOST.EXE	/WINDOWS/SYSTEM32	2015-03-25 22:28:34 IC
DLLHOST.EXE-766398D2.pf				DLLHOST.EXE	/WINDOWS/SYSTEM32	2015-03-25 22:18:29 IC
DLLHOST.EXE-7FAA2E4C.pf				DLLHOST.EXE	/WINDOWS/SYSTEM32	2015-03-25 22:18:29 IC
DLLHOST.EXE-A8DE6D5B.pf				DLLHOST.EXE	/WINDOWS/SYSTEM32	2015-03-25 22:24:53 IC

Source Name	S	C	O	Program Name	Path	Date/Time
 ASPNET_REGIIS.EXE-75651A3C.pf				ASPNET_REGIIS.EXE	/WINDOWS/MICROSOFT.NET/Framework64/V4.0.303	2015-03-25 21:54:21 IC
 ASPNET_REGIIS.EXE-86915B5A.pf				ASPNET_REGIIS.EXE		2015-03-25 21:54:28 IC
 AUDIODG.EXE-BDFD3029.pf				AUDIODG.EXE	/WINDOWS/SYSTEM32	2015-03-25 22:14:45 IC
 AU_EXE-506726E7.pf				AU_EXE	/USERS/INFORMANT/APPDATA/LOCAL/TEMP/~NSU.T...	2015-03-25 22:18:29 IC
 BFSVC.EXE-9C7A4DEE.pf				BFSVC.EXE	/WINDOWS	2015-03-25 17:18:12 IC
 CCLEANER64.EXE-7798D542.pf				CCLEANER64.EXE	/PROGRAM FILES/CCLEANER	2015-03-25 22:15:50 IC
 CCSETUP504.EXE-6BA2F6A1.pf				CCSETUP504.EXE	/USERS/INFORMANT/DESKTOP/DOWNLOAD	2015-03-25 21:57:56 IC
 CHROME.EXE-D99981BA.pf				CHROME.EXE	/PROGRAM FILES (X86)/GOOGLE/CHROME/APPLICATI...	2015-03-25 04:05:38 IC
 CLRG.C.EXE-5D5890F5.pf				CLRG.C.EXE	/WINDOWS/WINXS/AMD64_NETFX-CLRGC_B03F5F7...	2015-03-25 17:18:15 IC
 CONHOST.EXE-1F3E9D7E.pf				CONHOST.EXE	/WINDOWS/SYSTEM32	2015-03-25 22:18:36 IC
 CONSENT.EXE-531BD9EA.pf				CONSENT.EXE	/WINDOWS/SYSTEM32	2015-03-25 22:18:29 IC
 CONTROL.EXE-817F81D.pf				CONTROL.EXE	/WINDOWS/SYSTEM32	2015-03-25 20:29:34 IC
 DEVICESPLAYOBJECTPROVIDER.E-17410B90.pf				DEVICESPLAYOBJECTPROVIDER.E		2015-03-25 04:02:47 IC
 DLLHOST.EXE-4F28A26F.pf				DLLHOST.EXE	/WINDOWS/SYSTEM32	2015-03-25 04:01:10 IC
 DLLHOST.EXE-5E46FA0D.pf				DLLHOST.EXE	/WINDOWS/SYSTEM32	2015-03-25 22:28:34 IC
 DLLHOST.EXE-766398D2.pf				DLLHOST.EXE	/WINDOWS/SYSTEM32	2015-03-25 22:18:29 IC
 DLLHOST.EXE-7FAA2E4C.pf				DLLHOST.EXE	/WINDOWS/SYSTEM32	2015-03-25 22:18:29 IC
 DLLHOST.EXE-A8DE6D5B.pf				DLLHOST.EXE	/WINDOWS/SYSTEM32	2015-03-25 22:24:53 IC

Recent Documents					S	C	O	Path	Date Accessed
Table	Thumbnail	Summary							
Source Name									
inf.lnk								C:\Windows\inf	2015-03-22 22:53
setupapi.dev.lnk								C:\Windows\inf\setupapi.dev.log	2015-03-22 22:53
(secret_project)_pricing_decision.xlsx.LNK								\\10.11.11.128\SECURED_DRIVE\Secret Project Data\pri_	2015-03-24 03:32
Desktop.LNK								C:\Users\informant\Desktop	2015-03-25 01:40
Resignation_Letter_(laman_informant).docx.LNK								C:\Users\informant\Desktop\Resignation_Letter_(laman_	2015-03-25 01:40
Templates.LNK								C:\Users\informant\AppData\Roaming\Microsoft\Temp	2015-03-24 01:33
[secret_project]_design_concept.LNK								E:\RM#\Secret Project Data\design\secret_project].d_	2015-03-24 01:33
[secret_project]_final_meeting.pptx.LNK								\\10.11.11.128\secured_drive\Secret Project Data\final\	2015-03-24 03:32
[secret_project]_proposal.LNK								E:\RM#\Secret Project Data\proposal\secret_project]_	2015-03-24 01:33
(secret_project)_pricing_decision.xlsx.lnk								\\10.11.11.128\SECURED_DRIVE\Secret Project Data\pri_	2015-03-24 03:32
CD Drive (2).lnk								D:\	2015-03-25 04:00
CD Drive.lnk								D:\	2015-03-25 03:30
final.lnk								\\10.11.11.128\secured_drive\Secret Project Data\final	2015-03-24 03:32
Koala.jpg.lnk								D:\Koala.jpg	2015-03-25 03:30
Penguins.jpg.lnk								D:\Penguins.jpg	2015-03-25 04:00
pricing decision.lnk								\\10.11.11.128\SECURED_DRIVE\Secret Project Data\pri_	2015-03-24 03:32
Resignation_Letter_(laman_informant).docx.lnk								C:\Users\informant\Desktop\Resignation_Letter_(laman_	2015-03-25 01:40
Resignation_Letter_(laman_informant).xps.lnk								C:\Users\informant\Desktop\Resignation_Letter_(laman_	2015-03-25 22:22
secret.lnk								No preferred path found	2015-03-24 01:33

Source Name	S	C	O	Path	Date Accessed
inf.lnk				C:\Windows\inf	2015-03-22 22:5
setupapi.dev.lnk				C:\Windows\inf\setupapi.dev.log	2015-03-22 22:5
(secret_project)_pricing_decision.xlsx.LNK				\\10.11.11.128\SECURED_DRIVE\Secret Project Data\pri_	2015-03-24 03:3
Desktop.LNK				C:\Users\informant\Desktop	2015-03-25 01:4
Resignation_Letter_(laman_Informant).docx.LNK				C:\Users\informant\Desktop\Resignation_Letter_(laman.	2015-03-25 01:4
Templates.LNK				C:\Users\informant\AppData\Roaming\Microsoft\Temp	2015-03-24 01:3
[secret_project]_design_concept.LNK				E:\RM#1\Secret Project Data\design\secret_project].d.	2015-03-24 01:3
[secret_project]_final_meeting.pptx.LNK				\\10.11.11.128\secured_drive\Secret Project Data\final\	2015-03-24 03:3
[secret_project]_proposal.LNK				E:\RM#1\Secret Project Data\proposal\secret_project].	2015-03-24 01:3
(secret_project)_pricing_decision.xlsx.Lnk				\\10.11.11.128\SECURED_DRIVE\Secret Project Data\pri.	2015-03-24 03:3
CD Drive (2).lnk				D:\	2015-03-25 04:0
CD Drive.lnk				D:\	2015-03-25 03:3
final.lnk				\\10.11.11.128\secured_drive\Secret Project Data\final	2015-03-24 03:3
Koala.jpg.lnk				D:\Koala.jpg	2015-03-25 03:3
Penguins.jpg.lnk				D:\Penguins.jpg	2015-03-25 04:0
pricing decision.lnk				\\10.11.11.128\SECURED_DRIVE\Secret Project Data\pri.	2015-03-24 03:3
Resignation_Letter_(laman_Informant).docx.lnk				C:\Users\informant\Desktop\Resignation_Letter_(laman.	2015-03-25 01:4
Resignation_Letter_(laman_Informant).xps.lnk				C:\Users\informant\Desktop\Resignation_Letter_(laman.	2015-03-25 02:2
secret.lnk				No preferred path found	2015-03-24 01:3

6) Recycle Bin



Add Data Source

- Data Sources
- File Views
- File Types
- Deleted Files
- MB File Size
- Data Artifacts
- Chromium Extensions (42)
- Chromium Profiles (2)
- Communication Accounts (1)
- E-Mail Messages (14)
- Installed Programs (114)
- Operating System Information (1)
- Recent Documents (46)
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- Run Programs (95)
- Shell Bags (118)
- USB Device Attached (16)
- Web Bookmarks (25)
- Web Cache (2038)
- Web Cookies (371)
- Web Downloads (9)
- Web History (1611)**
- Web Search (63)

Analysis Results

- Extension Mismatch Detected (76)
- Interesting Items (2)
- Web Categories (6)
- OS Accounts
- Tags
- Score
- Reports

Communications | **Geolocation** | **Timeline** | **Discovery** | **Generate Report** | **Close Case**

Listing | **Web History**

Table | **Thumbnail** | **Summary**

Source Name	S	C	O	URL	Date Accessed	Referrer URL	Title
History	1			http://tools.google.com/chrome/intl/en/welcome.html	2015-03-22 22:55:28 ICT	http://tools.google.com/chrome/intl/en/welcome.html	Getting Sta
History	1			https://www.google.com/intl/en/chrome/browser/welc..	2015-03-22 22:55:28 ICT	https://www.google.com/intl/en/chrome/browser/welc..	Getting Sta
History	1			https://www.google.com/webhp?sourceid=chrome-inst.	2015-03-22 22:55:40 ICT	https://www.google.com/webhp?sourceid=chrome-inst.	
History	1			https://www.google.com/webhp?sourceid=chrome-inst.	2015-03-22 22:55:44 ICT	https://www.google.com/webhp?sourceid=chrome-inst.	
History	1			http://windows.microsoft.com/en-us/internet-explorer/i	2015-03-22 22:10:24 ICT	http://windows.microsoft.com/en-us/internet-explorer/i	Download
History	1			https://www.google.com/chrome/browser/thankyou.ht...	2015-03-22 22:11:16 ICT	https://www.google.com/chrome/browser/thankyou.ht...	Chrome Br
History	1			https://www.google.com/search?hl=en&source=hp&q...	2015-03-22 22:10:52 ICT	https://www.google.com/search?hl=en&source=hp&q...	internet ex
History	1			http://www.msn.com/?ocid=iehp	2015-03-22 22:09:24 ICT	http://www.msn.com/?ocid=iehp	msn
History	1			http://windows.microsoft.com/en-us/internet-explorer/..	2015-03-22 22:10:50 ICT	http://windows.microsoft.com/en-us/internet-explorer/..	Download
History	1			http://www.google.com?url=http://windows.micros...	2015-03-22 22:09:56 ICT	http://www.google.com?url=http://windows.micros...	
History	1			http://windows.microsoft.com/en-US/internet-explorer/	2015-03-22 22:09:20 ICT	http://windows.microsoft.com/en-US/internet-explorer/	
History	1			http://go.microsoft.com/fwlink/?LinkId=121792	2015-03-22 22:09:20 ICT	http://go.microsoft.com/fwlink/?LinkId=121792	
History	1			http://windows.microsoft.com/en-us/internet-explorer/i	2015-03-22 22:09:22 ICT	http://windows.microsoft.com/en-us/internet-explorer/i	Your brow
History	1			http://download.microsoft.com/download/7/1/7/7179A	2015-03-22 22:11:06 ICT	http://download.microsoft.com/download/7/1/7/7179A	
History	1			https://www.google.com/?gws_rd=ssl	2015-03-22 22:09:40 ICT	https://www.google.com/?gws_rd=ssl	Google
History	1			http://www.google.com?url=http://windows.micros...	2015-03-22 22:09:52 ICT	http://www.google.com?url=http://windows.micros...	
History	1			https://www.google.com/webhp?hl=en	2015-03-25 04:07:19 ICT	https://www.google.com/webhp?hl=en	Google
History	1			https://dl.google.com/update2/1.3.26.9/GoogleInstaller_	2015-03-22 22:11:08 ICT	https://dl.google.com/update2/1.3.26.9/GoogleInstaller_	

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

8) Email activities

Source Name	S	C	O	E-Mail From	E-Mail To	Subject	Date Received	Message (Plain Text)
iaman.informant@nist.gov ost				iaman </o=Exchangelabs/ou=Exchange Administrative spy>	spy	RE: Watch out!	2015-03-25 02:34:00 ICT	I am trying...
iaman.informant@nist.gov ost				iaman </o=Exchangelabs/ou=Exchange Administrative spy>	spy	RE: Last request	2015-03-24 20:35:00 ICT	
iaman.informant@nist.gov ost				spy <spy.conspirator@nist.gov>		RE: It's me	2015-03-24 03:41:22 ICT	
iaman.informant@nist.gov ost				iaman </o=Exchangelabs/ou=Exchange Administrative spy>	spy	Done	2015-03-25 04:05:00 ICT	
iaman.informant@nist.gov ost				spy <spy.conspirator@nist.gov>		Hello, iaman	2015-03-24 00:29:29 ICT	
iaman.informant@nist.gov ost				spy <spy.conspirator@nist.gov>		Good job, buddy.	2015-03-24 02:15:00 ICT	
iaman.informant@nist.gov ost				spy <spy.conspirator@nist.gov>		RE: Good job, buddy.	2015-03-24 02:20:41 ICT	
iaman.informant@nist.gov ost				spy <spy.conspirator@nist.gov>		Important request	2015-03-24 02:26:23 ICT	
iaman.informant@nist.gov ost				spy <spy.conspirator@nist.gov>		Last request	2015-03-24 20:25:59 ICT	
iaman.informant@nist.gov ost				iaman </o=Exchangelabs/ou=Exchange Administrative spy>	spy	RE: Hello, iaman	2015-03-24 01:44:00 ICT	
iaman.informant@nist.gov ost				iaman </o=Exchangelabs/ou=Exchange Administrative spy>	spy	RE: Important request	2015-03-24 02:27:00 ICT	
iaman.informant@nist.gov ost				iaman	iaman	Synchronization Log:	2015-03-24 02:57:30 ICT	
iaman.informant@nist.gov ost				iaman	iaman	Synchronization Log:	2015-03-25 22:01:49 ICT	
iaman.informant@nist.gov ost				iaman	iaman	Synchronization Log:	2015-03-25 22:01:55 ICT	

Add Data Source

Images/Videos

Communications

Geolocation

Timeline

Discovery

















Generate Report

Close Case

USB Device Attached

Table Thumbnail Summary

Source Name	S	C	O	Date/Time	Device Make	Device Model	Device ID	Data Source
SYSTEM	1			2015-03-25 20:05:35 ICT		ROOT_HUB	58&b57b&o	cfreds_2015_data
SYSTEM	1			2015-03-25 20:05:35 ICT		ROOT_HUB20	58&299e1c9f&o	cfreds_2015_data
SYSTEM	1			2015-03-24 20:38:00 ICT	SanDisk Corp.	Cruzer Fit	4C530012450531101593	cfreds_2015_data
SYSTEM	1			2015-03-25 02:38:09 ICT	SanDisk Corp.	Cruzer Fit	4C530012550531106501	cfreds_2015_data
SYSTEM	1			2015-03-25 20:05:36 ICT	VMware, Inc.	Virtual USB Hub	68&b77da92&o&2	cfreds_2015_data
SYSTEM	1			2015-03-25 20:05:36 ICT	VMware, Inc.	Virtual Mouse	68&b77da92&o&1	cfreds_2015_data
SYSTEM	1			2015-03-25 20:05:36 ICT	VMware, Inc.	Virtual Mouse	78&2a7d3009&o8&0000	cfreds_2015_data
SYSTEM	1			2015-03-25 20:05:36 ICT	VMware, Inc.	Virtual Mouse	78&2a7d3009&o8&0001	cfreds_2015_data
SYSTEM	1			2015-03-25 20:05:35 ICT		ROOT_HUB	58&b57b&o	cfreds_2015_data
SYSTEM	1			2015-03-25 20:05:35 ICT		ROOT_HUB20	58&299e1c9f&o	cfreds_2015_data
SYSTEM	1			2015-03-24 20:38:00 ICT	SanDisk Corp.	Cruzer Fit	4C530012450531101593	cfreds_2015_data
SYSTEM	1			2015-03-25 02:38:09 ICT	SanDisk Corp.	Cruzer Fit	4C530012550531106501	cfreds_2015_data
SYSTEM	1			2015-03-25 20:05:36 ICT	VMware, Inc.	Virtual USB Hub	68&b77da92&o&2	cfreds_2015_data
SYSTEM	1			2015-03-25 20:05:36 ICT	VMware, Inc.	Virtual Mouse	68&b77da92&o&1	cfreds_2015_data
SYSTEM	1			2015-03-25 20:05:36 ICT	VMware, Inc.	Virtual Mouse	78&2a7d3009&o8&0000	cfreds_2015_data
SYSTEM	1			2015-03-25 20:05:36 ICT	VMware, Inc.	Virtual Mouse	78&2a7d3009&o8&0001	cfreds_2015_data

Source Name	S	C	O	Date/Time	Device Make	Device Model	Device ID	Data Source
 SYSTEM	1	1	1	2015-03-25 20:05:35 ICT		ROOT_HUB	5&3bb57b&0	cfreds_2015_data
 SYSTEM	1	1	1	2015-03-25 20:05:35 ICT		ROOT_HUB20	5&299e1c9f&0	cfreds_2015_data
 SYSTEM	1	1	1	2015-03-24 20:38:00 ICT	SanDisk Corp.	Cruzer Fit	4C530012450531101593	cfreds_2015_data
 SYSTEM	1	1	1	2015-03-25 02:38:09 ICT	SanDisk Corp.	Cruzer Fit	4C530012550531106501	cfreds_2015_data
 SYSTEM	1	1	1	2015-03-25 20:05:36 ICT	VMware, Inc.	Virtual USB Hub	6&b77da92&0&2	cfreds_2015_data
 SYSTEM	1	1	1	2015-03-25 20:05:36 ICT	VMware, Inc.	Virtual Mouse	6&b77da92&0&1	cfreds_2015_data
 SYSTEM	1	1	1	2015-03-25 20:05:36 ICT	VMware, Inc.	Virtual Mouse	7&2a7d3009&0&0000	cfreds_2015_data
 SYSTEM	1	1	1	2015-03-25 20:05:36 ICT	VMware, Inc.	Virtual Mouse	7&2a7d3009&0&0001	cfreds_2015_data
 SYSTEM	1	1	1	2015-03-25 20:05:35 ICT		ROOT_HUB	5&3bb57b&0	cfreds_2015_data
 SYSTEM	1	1	1	2015-03-25 20:05:35 ICT		ROOT_HUB20	5&299e1c9f&0	cfreds_2015_data
 SYSTEM	1	1	1	2015-03-24 20:38:00 ICT	SanDisk Corp.	Cruzer Fit	4C530012450531101593	cfreds_2015_data
 SYSTEM	1	1	1	2015-03-25 02:38:09 ICT	SanDisk Corp.	Cruzer Fit	4C530012550531106501	cfreds_2015_data
 SYSTEM	1	1	1	2015-03-25 20:05:36 ICT	VMware, Inc.	Virtual USB Hub	6&b77da92&0&2	cfreds_2015_data
 SYSTEM	1	1	1	2015-03-25 20:05:36 ICT	VMware, Inc.	Virtual Mouse	6&b77da92&0&1	cfreds_2015_data
 SYSTEM	1	1	1	2015-03-25 20:05:36 ICT	VMware, Inc.	Virtual Mouse	7&2a7d3009&0&0000	cfreds_2015_data
 SYSTEM	1	1	1	2015-03-25 20:05:36 ICT	VMware, Inc.	Virtual Mouse	7&2a7d3009&0&0001	cfreds_2015_data

10) Anti-forensics

- Using files cleaner tool and secure delete tool for anti-forensics
- CCleaner
 - <https://www.synacktiv.com/en/publications/ccleaner-forensics>
- Eraser
 - <https://eraser.heidi.ie/forum/threads/how-could-eraser-be-a-better-anti-forensic->

