

# **Digital Forensics Challenge**

**Case #: DIB-3750G-28**

Team: FAST Forensics

Howard Phan

Karter Rohrer

Patrick Mulvey

Raissa Engelhard

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## **FAST Forensics**

April 8, 2017

Darren Lau

Do IT Better

Consulting and Consultation

Greater Los Angeles Area

Dear Mr. Lau,

The FAST Forensics Team appreciates the opportunity to investigate Do IT Better and the security incident that has impacted the company. This report will demonstrate the analysis, data extraction, and incident response techniques our team took to respond to the Do IT Better case. Our combination of industry experience and passion for information assurance offers a unique approach for serving your industry.

Respectfully,

Howard Phan

Vice-President of Forensics, FAST

Direct:

[hphan@cpp.edu](mailto:hphan@cpp.edu)

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## Scope

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The information security team for Do IT better led by Casey Kan has requested the assistance of a team of consultants to do a forensic analysis of a potential security breach.

On March 31, 2017, Casey Kan and his team noticed suspicious network traffic coming from the corporate workstation of Mr. Munoz, a web developer on the new IT Staff who was in a meeting at the time of the incident.. Shortly after, an unknown individual attempted to badge out using what Casey Kan and his team suspect to be a fake ID badge. The man was detained for trespassing on private property and potential corporate espionage.

The CEO of Do IT Better has tasked us to perform a forensic analysis on the files provided to determine if the evidence correlates to this case or any other potential cases.

Do IT Better created the forensic images and has instructed us to examine them for potential corporate espionage.

1. Image of Corporate Workstation

[Computed Hashes]

MD5 checksum: 68c56a684fd2048bb60bad01ff45d11d

SHA1 checksum: 24004b3f0ee97b36d8d11ecc915085471bfea9bd

2. Image of Corporate Web Server

[Computed Hashes]

MD5 checksum: f99a6134a3e8197e0e400a99855f6221

SHA1 checksum: f70f58906edb1b5232b497a33957aa5d266a9302

3. Image of Suspect Laptop

[Computed Hashes]

MD5 checksum: f026053d320066961c7308fbf2c80bd9

SHA1 checksum: 1864e1b8b632f6bcd6f0ed7fdf30eda90757f417

### Project Team

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Forensics is an operational unit within FAST that specializes in data acquisition, incident response, and file recovery.

***The Forensics team skillsets are similar to those employed by national consulting firms. These individuals have extensive technical and business backgrounds.*** Their knowledge is validated by various security oriented courses in the California State Polytechnic University, Pomona Computer Information Systems curriculum including:


- Computer Forensics CIS 481
- Internet Security CIS 471
- Network Security CIS 467

Position	Name	Emphasis
Team Lead	Howard Phan	Digital Forensics
Forensic Analyst	Karter Rohrer	Security Engineering
Forensic Analyst	Patrick Mulvey	Security Engineering
Forensic Analyst	Raissa Engelhard	Digital Forensics
Forensic Analyst	Kirk Hofmeister	Offensive Security

## EVIDENCE CHAIN OF CUSTODY TRACKING FORM

<b>Case Number:</b> DIB-3750g-28	<b>Chain of Custody From Number:</b> ITCF2017
<b>Submitting Officer:</b> (Name/ID#) Howard Phan	<b>Offense:</b> Corporate Espionage
<b>Victim:</b> Do IT Better	<b>Location of Seizure:</b> Cal Poly Pomona
<b>Suspect:</b> Nathan Munoz	
<b>Date/Time Seized:</b> 4/3/2017 3:21:49 UTC	

Description of Evidence		
Item #	Quantity	Description of Item (Model, Serial #, Condition, Marks, Scratches)
1	1	Corporate Workstation Model: WDC WD16 00YD-01N USB Device, Serial #: WD-WMANM3149655 MD5: 68c56a684fd2048bb60bad01ff45d11d SHA1: 24004b3f0ee97b36d8d11ecc915085471bfea9bd
2	1	Corporate Web Server Model: SK Hynix SC210 2 SCSI Disk Device, Serial #: EJ58N570010208P0W, MD5: f99a6134a3e8197e0e400a99855f6221 SHA1: f70f58906edb1b5232b497a33957aa5d266a9302
3	1	Suspect Laptop Model: ST325031 2AS SCSI Disk Device Serial #: 9VYEGYPG MD5: f026053d320066961c7308fbf2c80bd9 SHA1: 1864e1b8b632f6bcd6f0ed7fdf30eda90757f417

Item #	Date/Time	Released by (Signature & ID#)	Received by (Signature & ID#)	Comments/Location
4	4/03/2017 1:00 PM	Cornelius Rogers		The evidence was picked up from Daniel Nguyen.

## Summary of Findings

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Fast Forensics used the following tools for analysis of the case:

- *Guidance® Software's EnCase®* version 7.06.01
  - *AccessData® Forensic Toolkit Suite®* version 6.2.0.1026
  - *AccessData® Registry Viewer®* version 1.8.3.0
  - *AccessData® FTK Imager Lite* version 3.1.1
  - *Magnet Forensics Internet Evidence Finder* version 6.7.4.0771
  - *Autopsy* version 2
  - *SANS Sift Workstation* version 3.0
- 

The analysis of the workstation belonging to Mr. Munoz identified the following summary information in relation to the exhibit.

Mr. Munoz's account depicts the last login time for the workstation as 4/1/2017 6:35:55 UTC.

The Internet Explorer history of Mr. Munoz's workstation includes google image searches for the following: "identification badge images" and a google search for "how to make a fake security badge" which are depicted within the evidence section of the report

The browser cache of Internet Explorer pertaining to Mr. Munoz's workstation includes a webpage instructional of "Picking New High Security Door Locks"

The desktop of the workstation includes a text file (1.7) containing both website and wordpress database login credentials.

The following phone number was discovered [714-331-3342]. It is recommended to engage law enforcement to help identify the owner and potentially conduct a mobile forensic investigation for additional information.

It has been discovered that a San-disk ultra with a serial number [4C530001310811103263&0] was connected to the workstation at 4:40:00 UTC

It has been discovered that the firewall had been turned off at 6:13:04 UTC, refer to image

The following Corporate Web Server found with a physical drive serial number of "EJ58N570010208P0W". In addition, the web server stored the following information: employee

directory, customer credentials, and the sales representative directory stored in plain text within the inetsub.

The user “anonymous” transferred files from the corporate network [192.168.155.19] to the destination IP address 155.147.230.134 recorded on 2017-04-01 06:30:15 (UTC).

### Background

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On March 31, 2017, the information security team for Do IT Better led by Casey Kan detected suspicious traffic originating on their corporate network from a workstation belonging to Mr. Munoz, who was in a meeting at the time of the incident. Shortly after, a man attempted to badge out using what is suspected to be a fake ID badge. The man was detained for trespassing on private property and potential corporate espionage. His laptop and usb were confiscated and imaged. The host on the corporate network and primary web server were also taken offline and imaged as a precaution.



## Timeline

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3/31/2017 6:00:07 PM (2017-04-01 01:00:07 UTC)  
Automated server deletion of admin log files.

3/31/2017 6:39:23 PM (2017-04-01 01:39:23 UTC):  
Identification of corporate web-server IP address.

3/31/2017 6:53:48 PM (2017-04-01 01:53:48 UTC)  
Suspicious search history by the web-server administrator.

3/31/2017 11:01:35 PM (2017-04-01 06:01:35 UTC):  
Identification of Employee database, Customer database, and Sales Representative database.

3/31/2017 11:27:07 PM (2017-04-01 06:27:07 UTC):  
Transfer of sensitive data files from 192.168.155.19 to 150.147.230.134.

3/31/2017 4:02:14 PM (3/31/2017 11:02:14 UTC)  
Wired connection 1 is written, accessed, and changed on the Suspect Laptop.

3/31/2017 4:02:14 PM (3/31/2017 11:02:14 UTC)  
Wired connection 1.GK4EXY is written, accessed, and changed on the Suspect Laptop.

3/31/2017 11:28:57 PM (4/01/2017 6:28:57 UTC):  
Employee Directory DTB.xls is written and changed on the Suspect Laptop.

3/31/2017 11:29:25 PM (4/01/2017 6:29:25 UTC)  
Sales Team Roster DITB.xls is written and changed on the Suspect Laptop.

3/31/2017 11:29:42 PM (4/01/2017 6:29:42 UTC):  
Employee Directory DITB.xls is accessed on the Suspect Laptop.

3/31/2017 11:31:49 PM (4/01/2017 6:31:49 UTC)  
Sales Team Roster DITB.xls is accessed on the Suspect Laptop.

3/31/2017 11:31:50 PM (4/01/2017 6:31:50 UTC)  
Customer Directory.xls is accessed on the Suspect Laptop.

3/31/2017 11:45:03 PM (4/01/2017 6:45:03 UTC)  
.bash\_history file is written, accessed, and changed on the Suspect Laptop.

4/1/2017 11:35:55 AM (2017-04-01 6:35:55 UTC)  
Last logon time of Mr. Munoz

**Remediation and Mitigation**

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In order to prevent further damage to the corporate network, Do It Better must enable the firewall to reduce potential malicious traffic on the network. Furthermore, the company needs to identify the sensitivity of the documents stolen in exhibit [2.1]. As part of the document hijacking included a large list of customer credentials. Information Technology administrators should contact each customer and require user-credentials to be changed. The system also needs user access controls, restricting access to users that do not need access to organization resources.

In order to prevent future security incidents, Do It Better should enforce a password complexity policy. Current customer passwords are extremely weak and are vulnerable to brute-force attacks. Lastly, in response to the incidents described in this report, Do It Better should contact local law enforcement authorities and present these findings of corporate espionage.

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## Corporate Workstation evidence:

### 1.1

Name: SAM

Created: 7/13/2009 7:03:40 PM (2009-07-14 02:03:40 UTC)

Accessed: 3/31/2017 11:42:50 PM (2017-04-01 06:42:50 UTC)

Modified: 3/31/2017 11:42:50 PM (2017-04-01 06:42:50 UTC)

Item: 76474

Category: Windows NT Registry

P-Size: 262,144 bytes (256.0 KB)

L-Size: 262,144 bytes (256.0 KB)

Path: Evidence-1-Corporate-Workstation.E01/Partition 3/NONAME

[NTFS]/[root]/Windows/System32/config/SAM

AccessData Registry Viewer - [SAM[76474].tmp]

File Edit Report View Window Help

SAM[76474].tmp

- SAM
  - Domains
    - Account
      - Aliases
      - Groups
      - Users
        - 000001F4
        - 000001F5
        - 000003F8
        - 000003E8

Name	Type	Data
F	REG_BINARY	02 00 01 00 00 00 00 99 E3
V	REG_BINARY	00 00 00 00 BC 00 00 02 00
UserPasswordHint	REG_BINARY	48 00 33 00 6C 00 6C 00 30 00

**Key Properties**

Last Written Time	4/1/2017 6:35:55 UTC
RID unique identifier	1000
User Name	Nathan Munoz
Logon Count	3
Last Logon Time	4/1/2017 6:35:55 UTC
Last Password Change Time	3/31/2017 21:45:38 UTC
Expiration Time	Never
Invalid Logon Count	0
Last Failed Login Time	4/1/2017 3:32:12 UTC
Account Disabled	false
Password Required	«need "SysKey" file»
Country Code	0 (System Default)
NT Hash	«need "SysKey" file»
LM Hash	«need "SysKey" file»
Old NT Hash	«need "SysKey" file»
Old LM Hash	«need "SysKey" file»
Password Hint	H3ll0W0rld!

**Last Failed Login Time**  
The last time a failed login occurred.

SAM[76474].tmp\SAM\Domains\Account\Users\000003E8 Start: 0 Se

Last Written Time: 4/1/2017 6:35:55 UTC  
RID Unique Modifier: 1000  
User Name: Nathan Munoz  
Logon Count: 3  
Last Logon Time: 4/1/2017 6:35:55 UTC  
Last Password Change: 3/31/2017 21:45:38 UTC  
Expiration Time: Never  
Invalid Logon Count: 0  
Last Failed Login Time: 4/1/2017 21:45:38 UTC  
Account Disabled: false  
Password Required: <need "SysKey" file>  
Country Code: 0 (System Default)  
NT Hash: <need "SysKey" file>  
LM Hash: <need "SysKey" file>  
Old Nt Hash: <need "SysKey" file>  
Old LM Hash: <need "SysKey" file>  
Password Hint: H3ll0W0rld!

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**1.2**

---

Name: 093A9FE6C2E0FD3FDE1C87FB188175460D10C844.png

Created: 3/31/2017 9:27:06 PM (2017-04-01 04:27:06 UTC)

Accessed: 3/31/2017 9:27:06 PM (2017-04-01 04:27:06 UTC)

Modified: 3/31/2017 9:27:06 PM (2017-04-01 04:27:06 UTC)

Item: 34186

Category: PNG

P-Size: 53,248 bytes (52.00 KB)

L-Size: 49,629 bytes (48.47 KB)

Path: Evidence-1-Corporate-Workstation.E01/Partition 3/NONAME

[NTFS]/[root]/Users/Nathan

Munoz/AppData/Local/Mozilla/Firefox/Profiles/tz2ooqxm.default/cache2/entries/093A9FE6C2E0FD3FDE1C87FB188175460D10C844

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1.3

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Name: 22198D6925069448EAD09C466E2E588A951684E3.png

Created: 3/31/2017 9:27:06 PM (2017-04-01 04:27:06 UTC)

Accessed: 3/31/2017 9:27:06 PM (2017-04-01 04:27:06 UTC)

Modified: 3/31/2017 9:27:06 PM (2017-04-01 04:27:06 UTC)

Item: 34185

Category: PNG

P-Size: 69,632 bytes (68.00 KB)

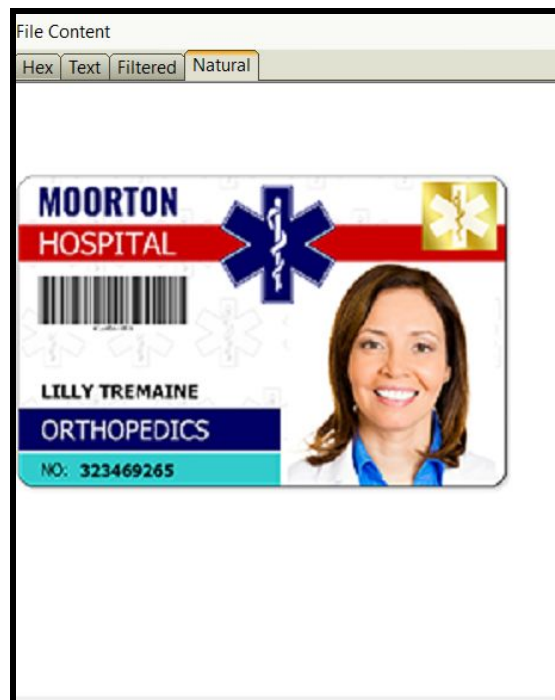
L-Size: 68,787 bytes (67.17 KB)

Path: Evidence-1-Corporate-Workstation.E01/Partition 3/NONAME

[NTFS]/[root]/Users/Nathan

Munoz/AppData/Local/Mozilla/Firefox/Profiles/tz2ooqxm.default/cache2/entries/22198D6925069448EAD09C466E2E588A951684E3

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**1.4**

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Name: 2223845B6587F84D7F7E6051C31A6B68E5200767.png

Created: 3/31/2017 9:27:06 PM (2017-04-01 04:27:06 UTC)

Accessed: 3/31/2017 9:27:06 PM (2017-04-01 04:27:06 UTC)

Modified: 3/31/2017 9:27:06 PM (2017-04-01 04:27:06 UTC)

Item: 34252

Category: PNG

P-Size: 28,672 bytes (28.00 KB)

L-Size: 25,321 bytes (24.73 KB)

Path: Evidence-1-Corporate-Workstation.E01/Partition 3/NONAME

[NTFS]/[root]/Users/Nathan

Munoz/AppData/Local/Mozilla/Firefox/Profiles/tz2ooqxm.default/cache2/entries/2223845B6587F84D7F7E6051C31A6B68E5200767

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1.5

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Name: 25F82144A2DC02F6DEDD63ED56681630CCB05962.png

Created: 3/31/2017 9:27:06 PM (2017-04-01 04:27:06 UTC)

Accessed: 3/31/2017 9:27:06 PM (2017-04-01 04:27:06 UTC)

Modified: 3/31/2017 9:27:06 PM (2017-04-01 04:27:06 UTC)

Item: 34161

Category: PNG

P-Size: 98,304 bytes (96.00 KB)

L-Size: 97,711 bytes (95.42 KB)

Path: Evidence-1-Corporate-Workstation.E01/Partition 3/NONAME

[NTFS]/[root]/Users/Nathan

Munoz/AppData/Local/Mozilla/Firefox/Profiles/tz2ooqxm.default/cache2/entries/25F82144A2DC02F6DEDD63ED56681630CCB05962

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1.6

Name: 82A24AF30AC93FBA37B64DC6D2D2EC7D754A2869

Created: 3/31/2017 9:27:06 PM (2017-04-01 04:27:06 UTC)

Accessed: 3/31/2017 9:27:06 PM (2017-04-01 04:27:06 UTC)

Modified: 3/31/2017 9:27:06 PM (2017-04-01 04:27:06 UTC)

Item: 34562

Category:HTML

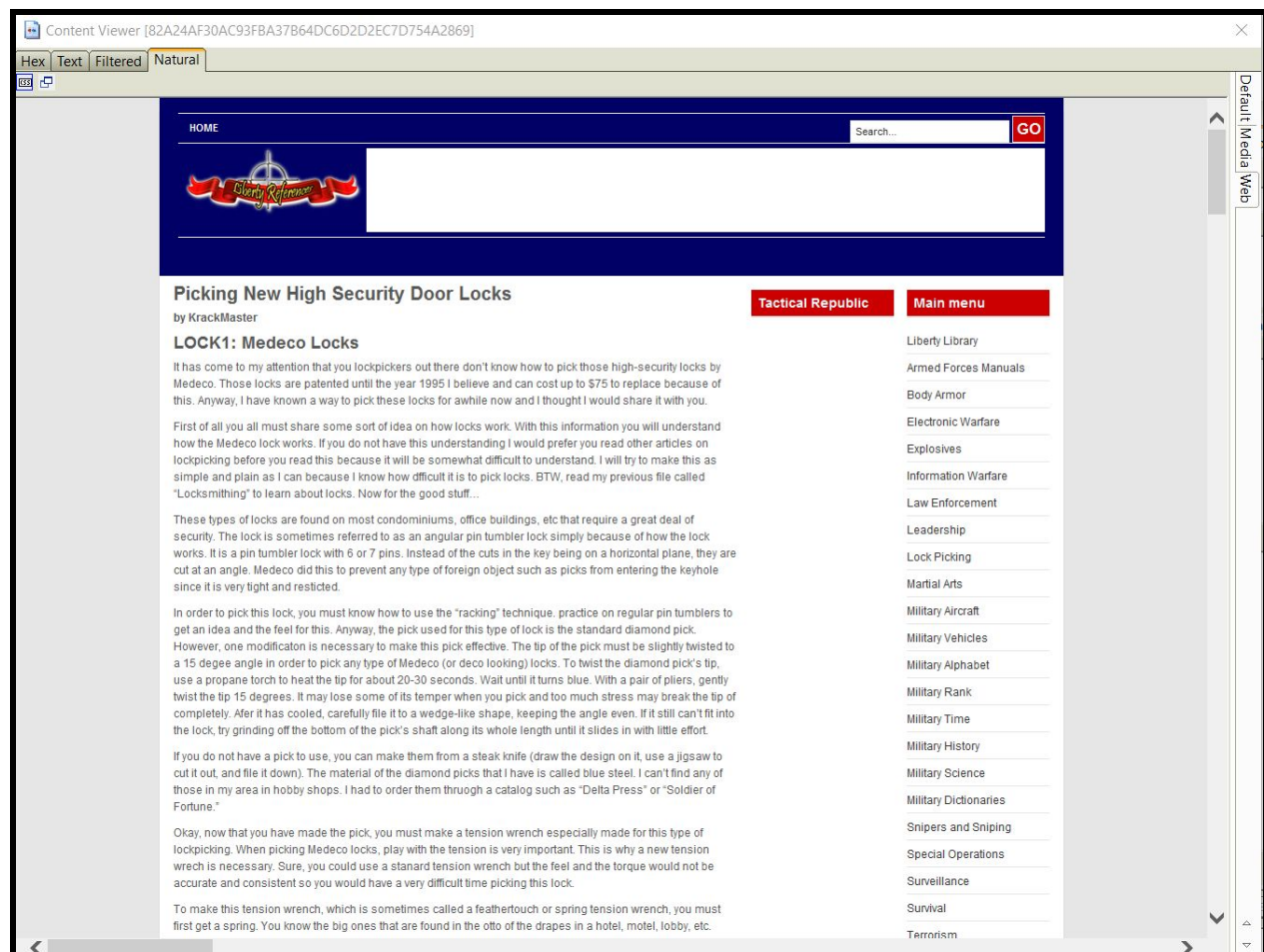
P-Size: 94,208 bytes (92.00 KB)

L-Size: 93,013 bytes (90.83 KB)

Path: Evidence-1-Corporate-Workstation.E01/Partition 3/NONAME

[NTFS]/[root]/Users/Nathan

Munoz/AppData/Local/Mozilla/Firefox/Profiles/tz2ooqxm.default/cache2/entries/82A24AF30A  
C93FBA37B64DC6D2D2EC7D754A2869



## **Picking New High Security Door Locks**

**by KrackMaster**

### **LOCK1: Medeco Locks**

It has come to my attention that you lockpickers out there don't know how to pick those high-security locks by Medeco. Those locks are patented until the year 1995 I believe and can cost up to \$75 to replace because of this. Anyway, I have known a way to pick these locks for awhile now and I thought I would share it with you.

First of all you all must share some sort of idea on how locks work. With this information you will understand how the Medeco lock works. If you do not have this understanding I would prefer you read other articles on lockpicking before you read this because it will be somewhat difficult to understand. I will try to make this as simple and plain as I can because I know how difficult it is to pick locks. BTW, read my previous file called "Locksmithing" to learn about locks. Now for the good stuff...

These types of locks are found on most condominiums, office buildings, etc that require a great deal of security. The lock is sometimes referred to as an angular pin tumbler lock simply because of how the lock works. It is a pin tumbler lock with 6 or 7 pins. Instead of the cuts in the key being on a horizontal plane, they are cut at an angle. Medeco did this to prevent any type of foreign object such as picks from entering the keyhole since it is very tight and restricted.

In order to pick this lock, you must know how to use the "racking" technique. practice on regular pin tumblers to get an idea and the feel for this. Anyway, the pick used for this type of lock is the standard diamond pick. However, one modification is necessary to make this pick effective. The tip of the pick must be slightly twisted to a 15 degree angle in order to pick any type of Medeco (or deco looking) locks. To twist the diamond pick's tip, use a propane torch to heat the tip for about 20-30 seconds. Wait until it turns blue. With a pair of pliers, gently twist the tip 15 degrees. It may lose some of its temper when you pick and too much stress may break the tip of completely. After it has cooled, carefully file it to a wedge-like shape, keeping the angle even. If it still can't fit into the lock, try grinding off the bottom of the pick's shaft along its whole length until it slides in with little effort.

If you do not have a pick to use, you can make them from a steak knife (draw the design on it, use a jigsaw to cut it out, and file it down). The material of the diamond picks that I have is called blue steel. I can't find any of those in my area in hobby shops. I had to order them through a catalog such as "Delta Press" or "Soldier of Fortune."

Okay, now that you have made the pick, you must make a tension wrench especially made for this type of lockpicking. When picking Medeco locks, play with the tension is very important. This is why a new tension wrench is necessary. Sure, you could use a standard tension wrench but the feel and the torque would not be accurate and consistent so you would have a very difficult time picking this lock.

To make this tension wrench, which is sometimes called a feathertouch or spring tension wrench, you must first get a spring. You know the big ones that are found in the otto of the drapes in a hotel, motel, lobby, etc. They are about 5 or so inches long and the hood down the cords that open and close the curtains of a large window. You need to get one of those or something very similar to it. You then have to do something to make it very small and thin. One of the spring's ends is pulled out with a pair of pliers. It is then bent back in and shaped like half of a horseshoe. This is where it is put into the keyhole. You would also need to shape it and file it down so that it will fit into the lock. You would use this like any other tension wrench but the feel will be much more sensitive. Practice on other locks to get the feel for it before attempting to pick the Medeco. Have fun...

### **LOCK II: Puzzle Locks**

Some residential and most business doors use these puzzle locks that have 4 or 5 numbers which must be pressed in sequence in order to open the door. These devices are sometimes called push-button locks.

Here is the technique that I've used to find the combinations.

1. Turn the knob and push each button. The button with the most resistance is the first combination number.
2. Release the knob and press that button. Now search for the second number by turning the knob again and pushing each button.
3. Release the knob and press the button that had the most resistance.
4. Repeat until all the numbers are found.

Tips to remember: Only one number is used once. There will be only 4 or 5 digit combinations out there. Listen for the clicks when you press the button, some give the combo away.

### LOCK III: Push Button Combination Locks

These locks are the small ones that have 10 buttons on the face of the lock. They look like the Master combination locks except that they are rectangular — not round. The combination number for these types of locks will generally be 4 digits (I haven't come across any of these locks with more than 4 digits). Each number is used only once. The numbers must be pushed in sequence. For example, if the number is 1-3-5-9, you have to push the buttons in that sequence not just any number that contains the 4 digits like 3-9-1-5.

These locks are soooooo easy to open it's ridiculous!! I've known how to open this when it first came out and I was shocked to find out how easy it is to open it and even more shocked to find that really no one knew how to open them.

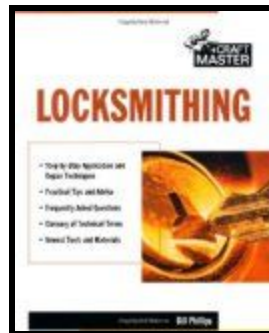
With 10 numbers and a 4-digit combination, you have a 1 in 10,000 chance of getting it. Let's bring that down to 256. First, push out all the buttons. Next, pull the shackle up and down and watch the buttons. See how many of these actually move. There should be only 4. These are the numbers to the combination. You see, inside the lock the buttons are not connected to the locking mechanism except for the 4 buttons used in the combination. Okay, now you have to guess. I would make a chart to keep track of what digits I used so that way you won't be wasting your time pressing the same buttons twice or more.

Here is a hint: On some locks, you will hear and feel a click on the shackle when you press the right button. In other words, then you narrow your choice to 4 numbers, you don't have any idea which is first. When you press a button and it doesn't make a sound, push it back out and try another one again. When you find it, move on to the next digit and so forth. It's really very easy. It has only taken about 10 minutes or less to open one of these. A few have taken less than 3 minutes!

Well, that's it for now. I'll try to stay on top of any more locks that come out and keep you informed about them. Just remember that there is no lock out there that you can't open. It just takes a little common sense and a lot of ingenuity! Not to mention practice, practice, practice!!! I have opened nearly every type of lock out there and have made so many lock-pick tools you wouldn't believe. If I had to carry them all, they would probably fill a backpack! The tools that I always carry with me are my tension wrench and diamond pick. They will open almost all of the pin tumbler locks you come across including some vehicle locks. I will be writing a file about electronic locks that are out there sometime in the future. It involves building a random sound generator for one type of lock and an electromagnetic field producer for another. Hopefully if you people out there are interested in this, I will be writing it sooner. If not, I'll get to it when I'm not too busy. If you want more information about this or any topic in my other file, just let me know.

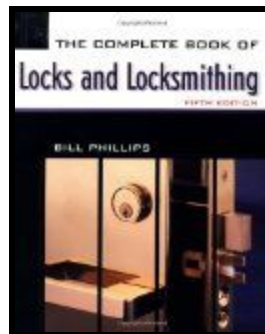
DISCLAIMER: I do not condone this type of activity to anyone. This file is merely for informational purposes only! Like another gentleman (lockpicking artist said and I will borrow it here: I am just a gun seller — not the one that pulls the trigger. I have been locked out of the house at some point in time and have used these skills to let myself back inside. I do not break into other people's homes or cars to steal or wreak havoc in any form. Also remember that possession of lock pick tools is a felony in most states. Only journeymen, professionals or apprentices with proper ID can obtain and legally carry lock pick tools. Once a pick is inserted into a lock, it is considered "breaking and entering" and a FELONY subject to prosecution! Be careful out there...

## Books on Picking Locks



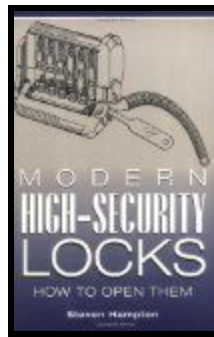
### Locksmithing

Top security pro Bill Phillips has put together a learn-as-you-go guide packed with everything you need to start off a lucrative career as a locksmith. From cutting keys to installing closed circuit television systems, Locksmithing prepares you to work with nearly every type of locking device used in residential, automotive, commercial, and electronic security devices. Step-by-step instructions, illustrations, charts and checklists, and plenty of the author's own trade secrets, will have you picking open locks...impressioning keys... opening any car door...installing and servicing electric strikes, electromagnetic locks and emergency exit door devices in no time at all. What's more, this is the only locksmithing book to keep you on top of high-tech CCTV, access control systems, and systems integration, areas that you'll need to understand and work with to stay competitive. You even get valuable tips for getting hired or starting up your own business, licensing information and a sample certification exam, plus scores of handy references from trade journals to Websites, from suppliers to trade associations.



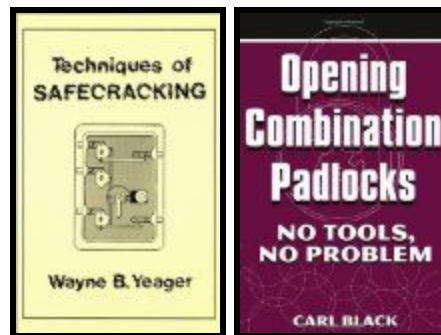
### The Complete Book of Locks and Locksmithing

The Complete Book of Locks and Locksmithing has been the best-selling, standard reference in the field since 1976. It is accessible to students, apprentices and professionals alike. No other book has as much useful, practical and comprehensive information on locksmithing. Bill Phillips provides easy to understand information on all the basics of locksmithing and on the advanced techniques a locksmith needs to survive in a competitive market. It covers everything from master keying and lock picking, to auto locks, lockmaking, and servicing safes. Phillips also provides 3 sample tests to prepare for Registered Professional Locksmith certification exams.



### **Modern High-Security Locks: How To Open Them**

Master locksmith Steven Hampton, author of the best-selling *Secrets of Lock Picking*, takes the art of picking locks one step further with *Modern High-Security Locks*. Here, he collects some of today's most popular pick-resistant locks and sets out to see which ones hold up to their claims. However complex a lock gets, it must be durable, dependable and user-friendly. It has to be tough enough to endure physical attack, but it can't be machined too tight or it will jam up with just a breath of dust. It must be simple and easy to lock and unlock with its key, or the customer will not pay the higher price for it. It is this delicate balance between security and utility that allows the locksmith to open this new generation of locks. Hampton shows locksmiths how each lock is picked and how long it will take. He details the tools of the trade and includes patterns and instructions for making your own picks and tension wrenches. He even includes ancient Tibetan Buddhist tantric visualization exercises to help locksmiths learn to "see" the inner workings of the lock within the mind's eye. Veteran locksmiths or those new to the trade will find Hampton's latest book an invaluable sourcebook.



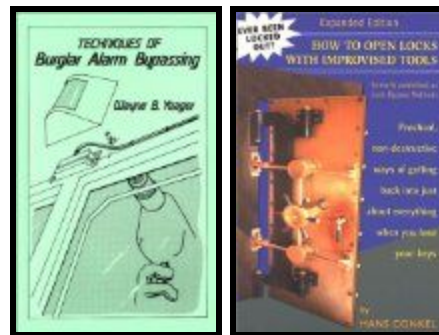
### **Techniques of Safecracking & Opening Combination Padlocks: No Tools, No Problem**

It is incredibly easy to forget the combination to padlocks on your own tool shed, gym locker or anyplace else these common locks are found. This handy guide teaches one thing: how to open a padlock whose combination is lost. Dissatisfied with books that showed methods that didn't allow entry into all locks or made it difficult to always accurately find the first or third number, usually the main basis for their technique, author Carl Black devised a foolproof system that allows quick entry into all combination padlocks in minutes without any guesswork or tools. He explains how it works with clear instructions and illustrations and gives problem-solving tips for difficult locks.



### **How To Open Locks Without Keys Or Picks (Locksmithing)**

Many leading locksmiths feel that opening locked doors by means other than picking or key fitting is a necessary part of the locksmith's knowledge. Since no two jobs present the same problem to a master locksmith, it is a credit to his ability for him to be familiar with all the ways of doing his work.



### **Techniques of Burglar Alarm Bypassing**

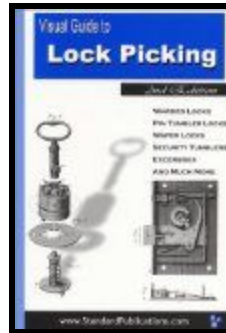
#### **How To Open Locks With Improvised Tools: Practical, Non-Destructive Ways Of Getting Back Into Just About Everything When You Lose Your Keys**

Practical, real-world solutions to lockouts. Learn to open doorknobs, deadbolts, car doors, padlocks, handcuffs, et cetera. This book sold out as "Lock Bypass Methods," and has proven to be the best manual on keyless entry available. Since your resources are usually on the other side of the door when you're locked out, it shows how to improvise tools from garbage and common, everyday items. Multiple entrance options are provided in case of stubborn doors or limited materials. Thousands of people have successfully opened doors using techniques they learned in "Lock Bypass Methods." This expanded edition has more illustrations and new techniques.

This book will not waste your time trying to explain how to pick sidebar locks, or activate magnetic-stripe readers without a key card. It DOES explain how to open doors protected by these locks, simply and without damage, through bypass techniques. A latch holds something shut, and a lock is a gateway to that latch. This book teaches ways to climb over the fence and ignore the gate. You will learn how to pick locks, a skill that works 60-70% of the time. More importantly, you will learn methods to trip actuators, move linkage rods, take advantage of mechanical design flaws, exploit tolerances in a lock's setting, and other practical means of entry.

The book's focus is on problem solving, not presenting methods that are too difficult to accomplish. Many other books in this field suffer from too much theory and too little delivery. If it doesn't work, it isn't in here. This book is designed to give the reader skills that open locks without keys or damage. It is not a whitewashed or glossed-over set

of instructions that leave a reader feeling as if failure is his fault and he just hasn't developed some special esoteric talent. Difficulties encountered in opening methods are identified, explained, and solutions are given to cope with them. The book is clearly written and illustrated, and covers problem solving, how locks work, picking, bypassing, and tool making. If you are interested in opening locks without keys, you should have this book.



### Visual Guide to Lock Picking

This is the definitive guide for learning the art of lock picking. Inside you will discover the secrets of the trade. By reading this book, practicing, and applying the methods introduced, you can successfully become a master at picking all the common locks of today.

This book makes it easy and gives you the edge to quickly learn what it takes others years to gather. This book is a valuable addition to any collection and will open doors for you.

Not only does this book cover what tools and techniques are needed to pick most common locks, but it also goes through what to do step-by-step; and actually teaches you how to do it. It explains what all of the tools are and for what they are used. What really sets this book far above the competition, however, is the vast assortment of illustrations that make everything easy to understand. This really is a visual guide containing over 60 pages filled with diagrams and drawings that will instantly show you how locks work, and exactly what to do to bypass them. You can start learning today!

This book makes learning the art of lock picking fun and easy. You don't have to waste your time guessing how it's done, reading some amateur's theories, or trying to learn from the movies. (They always get it wrong). Now, you can get accurate information that the professionals use. Their secrets have finally been revealed.

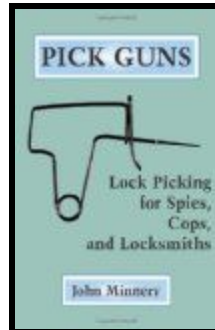
Inside, you will find sections about warded locks, pin tumblers, wafer tumblers, and more. These are the locks found on most residential and commercial doors, cars, padlocks, desks, filing cabinets, safes, equipment, vending machines, bike locks, etc... Each section includes a detailed and easy to understand explanation as to how that type of lock works. This book even outlines several exercises you can perform in order to improve your lock picking skills. You'll be picking every lock in your house in no time.

Now, you can understand the technology that has kept thieves at bay for centuries. Even in the time of antiquity, within the halls of the great pyramids, tomb raiders found their untold riches behind surprisingly sophisticated locks. Today's locks inherit these same principle designs. We give you the keys to their secrets.

How many times have you or someone you know been locked out? Now, you don't have to be helpless in that situation while you wait and rely on some locksmith who is going to charge you a lot of money to do what you can do yourself. You don't have to be a victim of your circumstances. The next time someone forgets their keys, you can be confident with the knowledge that you can help yourself and your friends and save a lot of money in the process. This is the authoritative guide on lock picking. Even if you already know how to pick some locks, this book covers tips & techniques that you can use. This book is perfect for existing locksmiths, auto repossessioners, and car dealers.

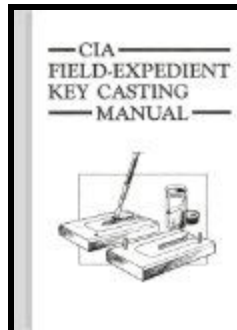


Whether you are interested in becoming a locksmith, need to know how to bypass security locks for your job in law enforcement or emergency services, interested in lock picking as a hobby, just want to be prepared in an emergency, or for whatever reason, this book will get you started off right!



### **Pick Guns: Lock Picking For Spies, Cops, And Locksmiths**

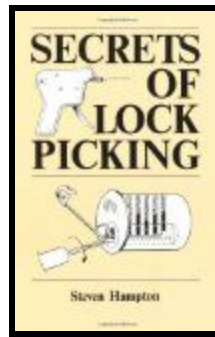
This book tells how pick guns work and how to use them and traces their development from their inception to the revolutionary devices of today. Included are the original patents by Epstein, Segal, Moore, Cooke and others, as well as info on pick guns used by the FBI and intelligence agencies. Photos depict improvised devices made out of coat hangers and clothespins. For academic study only.



### **CIA Field-Expedient Key Casting Manual**

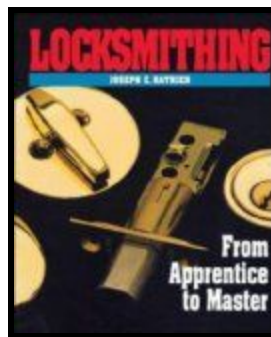
Learn how the CIA agent gets behind locked doors. This revised reprint of the classic CIA Key Casting Instruction Manual will teach you how to make a duplicate key when you can keep the original for only a short time. A step-by-step, self-checking guide, it gives you all the know-how you need to create accurate keys to gain access to off-limits areas with no special equipment.





### Secrets Of Lockpicking

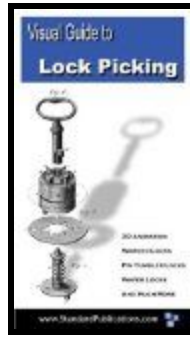
Master locksmith Steven Hampton reveals here the tricks and tools for bypassing keyed and combination locks from pin tumbler locks, mushroom and spool pin tumbler locks, wafer tumbler locks, warded locks and disk tumbler locks to tubular cylinder locks, magnetic locks, door locks, padlocks and automobile locks. Find the key to “seeing” into every lock and discovering its simplicity.



### Locksmithing

This is a complete overview and practical guide to the locksmith profession. It begins with an introduction by Steve Lasky, editor and vice-president of publishing for Security Technician Magazine and Locksmith Ledger International. In Part 1, readers learn about the business, including how to train for it, become employed, find a niche, and advance toward higher certification. Part 2 is a skill-building reference focusing on techniques and technologies in this fast-growing and ever-changing trade. Coverage includes how to set up a small, one-person shop, outfit the business, masterkey locks, perform emergency services, and use locksmithing software. Appendices provide up-to-date reference to locksmithing terms, training, associations, suppliers, and publications.

### Lock Picking Videos



### Visual Guide to Lock Picking Video

The Visual Guide to Lock Picking is the definitive guide for learning the art of picking locks. This video explains several types of locks and picking techniques. Modern computer graphics and animations allow for cutaway views that were never before possible. This video not only makes lock picking possible, but clearly shows you how, so that you can get started today.

Quickly learn the secrets of the trade from this video's concise, yet informative style. By practicing and applying the methods introduced here, it is possible to master the picking of most modern locks. The Visual Guide to Lock Picking introduces warder locks, pin tumblers, wafer tumblers, master locks, even some high security pins. It dissects the locks, showing every moving part, making it easy to see how they work. Step-by-step instructions are given for picking each type of lock. You will be lead through the entire process, introducing the necessary tools and covering several techniques leading you to that satisfying click as the lock springs open!

To purchase lock picks, visit the Lock Picks section of the Equipment Guide.

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1.7

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Name: Website-Credentials.odt

Created: 3/31/2017 9:27:06 PM (2017-04-01 04:27:06 UTC)

Accessed: 3/31/2017 9:27:06 PM (2017-04-01 04:27:06 UTC)

Modified: 3/31/2017 9:27:06 PM (2017-04-01 04:27:06 UTC)

Item: 39788

Category: LibreOffice 3 Writer

P-Size: 12,288 bytes (12.00 KB)

L-Size: 10,827 bytes (10.57 KB)

Path: Evidence-1-Corporate-Workstation.E01/Partition 3/NONAME  
[NTFS]/[root]/Users/Nathan Munoz/Desktop/Website-Credentials.odt

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## **FAST Forensics**

Website: 192.168.155.19/wp-admin  
Username: nmunoz  
Password: H3ll0W0rld!

WordpressDB: wordpress100  
DB Admin Username: root  
DB Admin Password: H3ll0W0rld!  
DB User Username: wordpress100  
DB User Password: H3ll0W0rld!

RDP: 192.168.155.19:3389  
Username: Administrator  
Password: H3ll0W0rld!

1.8

Name: formhistory.sqlite

Created: 4/01/2017 10:03:36 PM (2017-04-01 05:03:36 UTC)

Accessed: 4/01/2017 10:03:36 PM (2017-04-01 05:03:36 UTC)

Modified: 4/01/2017 10:03:36 PM (2017-04-01 05:03:36 UTC)

Item: 7

Category:sqlite

P-Size: 12,288 bytes (12.00 KB)

L-Size: 10,827 bytes (10.57 KB)

Path: Evidence-1-Corporate-Workstation.E01 - Partition 3 (Microsoft NTFS, 152.81 GB) (Only Common Areas/Folder Locations) - [ROOT]\Users\Nathan

Munoz\AppData\roaming\Mozilla\Firefox\Profiles\tz2ooqxm.default\formhistory.sqlite

Recovered Artifacts

#	Field Name	Value	First Used Date/Tim...	Last Used Date/Tim...	Times Used	ID	Source	Evidence Number
10	q	cable pom	04/01/2017 04:09:39 ...	04/01/2017 04:09:39 ...		n/a	Evidence-1-Corporate...	Evidence-1-Corporate...
11	q	network security	04/01/2017 04:08:36 ...	04/01/2017 04:08:36 ...		n/a	Evidence-1-Corporate...	Evidence-1-Corporate...
2	q	cable pom	04/01/2017 04:09:39 ...	04/01/2017 04:09:39 ...	1	2	Evidence-1-Corporate...	Evidence-1-Corporate...
3	FirstName	Nathan	04/01/2017 05:03:18 ...	04/01/2017 05:03:18 ...	1	3	Evidence-1-Corporate...	Evidence-1-Corporate...
4	LastName	Munoz	04/01/2017 05:03:18 ...	04/01/2017 05:03:18 ...	1	4	Evidence-1-Corporate...	Evidence-1-Corporate...
5	BirthDay	31	04/01/2017 05:03:18 ...	04/01/2017 05:03:18 ...	1	5	Evidence-1-Corporate...	Evidence-1-Corporate...
6	BirthYear	1985	04/01/2017 05:03:18 ...	04/01/2017 05:03:18 ...	1	6	Evidence-1-Corporate...	Evidence-1-Corporate...
7	deviceAddress	7143313342	04/01/2017 05:03:36 ...	04/01/2017 05:03:36 ...	1	7	Evidence-1-Corporate...	Evidence-1-Corporate...
8	searchbar-history	jdk	04/01/2017 05:33:40 ...	04/01/2017 05:33:40 ...	1	8	Evidence-1-Corporate...	Evidence-1-Corporate...
9	searchbar-history	jdk	04/01/2017 05:33:40 ...	04/01/2017 05:33:40 ...		n/a	Evidence-1-Corporate...	Evidence-1-Corporate...

Showing results 1 - 11 of 11

Details Hex Text

Field Name: deviceAddress  
Value: 7143313342  
First Used Date/Time - (UTC) (MM/dd/yyyy): 04/01/2017 05:03:36 AM  
Last Used Date/Time - (UTC) (MM/dd/yyyy): 04/01/2017 05:03:36 AM  
Times Used: 1  
ID: 7  
Source: Evidence-1-Corporate-Workstation.E01 - Partition 3 (Microsoft NTFS, 152.81 GB) (Only Common Areas/Folder Locations) - [ROOT]\Users\Nathan Munoz\AppData\roaming\Mozilla\Firefox\Profiles\tz2ooqxm.default\formhistory.sqlite  
Located At: Table: moz\_formhistory(id: 7)  
Evidence Number: Evidence-1-Corporate-Workstation

<b>Field Name</b>	deviceAddress
<b>Value</b>	7143313342
<b>First Used Date/Time - (UTC) (MM/dd/yyyy)</b>	04/01/2017 05:03:36 AM
<b>Last Used Date/Time - (UTC) (MM/dd/yyyy)</b>	04/01/2017 05:03:36 AM
<b>Times Used</b>	1
<b>ID</b>	7
<b>Source</b>	Evidence-1-Corporate-Workstation.E01 - Partition 3 (Microsoft NTFS, 152.81 GB) (Only Common Areas/Folder Locations) - [ROOT]\Users\Nathan Munoz\AppData\roaming\Mozilla\Firefox\Profiles\tz2ooqxm.default\formhistory.sqlite
<b>Located At</b>	Table: moz_formhistory(id: 7)
<b>Evidence Number</b>	Evidence-1-Corporate-Workstation

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1.9

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Name: SYSTEM

Created: 7/13/2009 7:03:40 PM (2009-07-14 02:03:40 UTC)

Accessed: 3/31/2017 11:42:50 PM (2017-04-01 06:42:50 UTC)

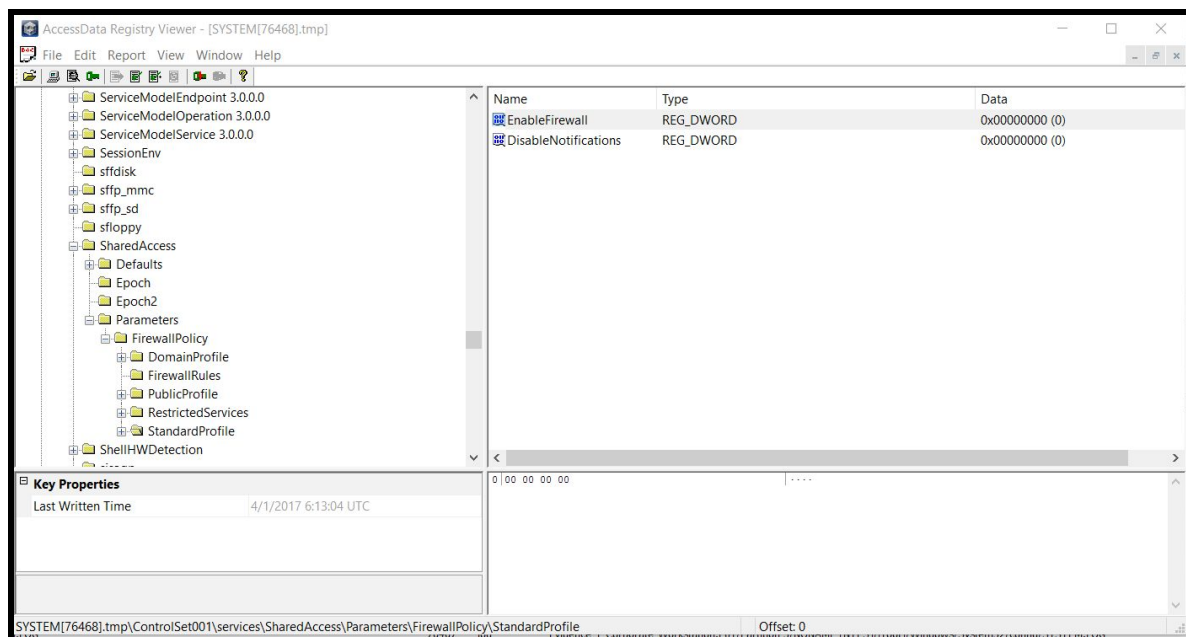
Modified: 3/31/2017 11:42:50 PM (2017-04-01 06:42:50 UTC)

Item: 76468

Category: Windows NT Registry

P-Size: 9,699,328 bytes (9472 KB)

L-Size: 9,699,328 bytes (9472 KB)

Path: Evidence-1-Corporate-Workstation.E01/Partition 3/NONAME  
[NTFS]/[root]/Windows/System32/config/SYSTEM

Name: Enable Firewall

Type: REG\_DWORD

Data: 0x00000000 (0)

Description: 0 = Off

1 = On (default)

Last Written Time: 4/1/2017 6:13:04 UTC

## Web Server Evidence:

2.1

Name: u\_extend0.log

Created: 3/31/2017 11:27:07 PM (2017-04-01 06:27:07 UTC)

Accessed: 3/31/2017 11:27:07 PM (2017-04-01 06:27:07 UTC)

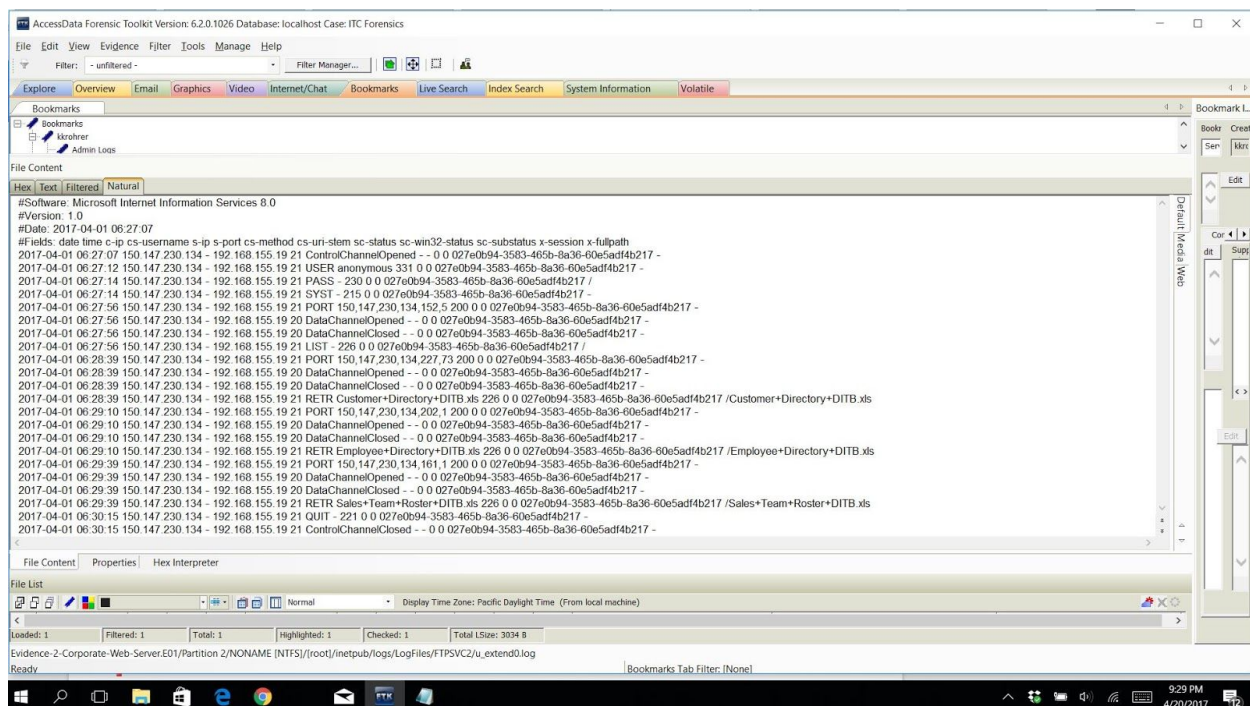
Modified: 3/31/2017 11:35:17 PM (2017-04-01 06:35:17 UTC)

Item: 23246

Category: Logs

P-Size: 4,096 bytes (4096 B)

L-Size: 3,034 bytes (3034 B)

Path: Evidence-2-Corporate-Web-Server.E01/Partition 2/NONAME  
[NTFS]/[root]/inetpub/logs/LogFiles/FTPSVC2/u\_extend0.log

#Software: Microsoft Internet Information Services 8.0

#Version: 1.0

#Date: 2017-04-01 06:27:07

#Fields: date time c-ip cs-username s-ip s-port cs-method cs-uri-stem sc-status sc-win32-status sc-substatus  
x-session x-fullpath2017-04-01 06:27:07 150.147.230.134 - 192.168.155.19 21 ControlChannelOpened - - 0 0  
027e0b94-3583-465b-8a36-60e5adf4b217 -



2017-04-01 06:27:12 150.147.230.134 - 192.168.155.19 21 USER anonymous 331 0 0  
027e0b94-3583-465b-8a36-60e5adf4b217 -  
2017-04-01 06:27:14 150.147.230.134 - 192.168.155.19 21 PASS - 230 0 0  
027e0b94-3583-465b-8a36-60e5adf4b217 /  
2017-04-01 06:27:14 150.147.230.134 - 192.168.155.19 21 SYST - 215 0 0  
027e0b94-3583-465b-8a36-60e5adf4b217 -  
2017-04-01 06:27:56 150.147.230.134 - 192.168.155.19 21 PORT 150,147,230,134,152,5 200 0 0  
027e0b94-3583-465b-8a36-60e5adf4b217 -  
2017-04-01 06:27:56 150.147.230.134 - 192.168.155.19 20 DataChannelOpened - - 0 0  
027e0b94-3583-465b-8a36-60e5adf4b217 -  
2017-04-01 06:27:56 150.147.230.134 - 192.168.155.19 20 DataChannelClosed - - 0 0  
027e0b94-3583-465b-8a36-60e5adf4b217 -  
2017-04-01 06:27:56 150.147.230.134 - 192.168.155.19 21 LIST - 226 0 0  
027e0b94-3583-465b-8a36-60e5adf4b217 /  
2017-04-01 06:28:39 150.147.230.134 - 192.168.155.19 21 PORT 150,147,230,134,227,73 200 0 0  
027e0b94-3583-465b-8a36-60e5adf4b217 -  
2017-04-01 06:28:39 150.147.230.134 - 192.168.155.19 20 DataChannelOpened - - 0 0  
027e0b94-3583-465b-8a36-60e5adf4b217 -  
2017-04-01 06:28:39 150.147.230.134 - 192.168.155.19 20 DataChannelClosed - - 0 0  
027e0b94-3583-465b-8a36-60e5adf4b217 -  
2017-04-01 06:28:39 150.147.230.134 - 192.168.155.19 21 RETR Customer+Directory+DITB.xls 226 0 0  
027e0b94-3583-465b-8a36-60e5adf4b217 /Customer+Directory+DITB.xls  
2017-04-01 06:29:10 150.147.230.134 - 192.168.155.19 21 PORT 150,147,230,134,202,1 200 0 0  
027e0b94-3583-465b-8a36-60e5adf4b217 -  
2017-04-01 06:29:10 150.147.230.134 - 192.168.155.19 20 DataChannelOpened - - 0 0  
027e0b94-3583-465b-8a36-60e5adf4b217 -  
2017-04-01 06:29:10 150.147.230.134 - 192.168.155.19 20 DataChannelClosed - - 0 0  
027e0b94-3583-465b-8a36-60e5adf4b217 -  
2017-04-01 06:29:10 150.147.230.134 - 192.168.155.19 21 RETR Employee+Directory+DITB.xls 226 0 0  
027e0b94-3583-465b-8a36-60e5adf4b217 /Employee+Directory+DITB.xls  
2017-04-01 06:29:39 150.147.230.134 - 192.168.155.19 21 PORT 150,147,230,134,161,1 200 0 0  
027e0b94-3583-465b-8a36-60e5adf4b217 -  
2017-04-01 06:29:39 150.147.230.134 - 192.168.155.19 20 DataChannelOpened - - 0 0  
027e0b94-3583-465b-8a36-60e5adf4b217 -  
2017-04-01 06:29:39 150.147.230.134 - 192.168.155.19 20 DataChannelClosed - - 0 0  
027e0b94-3583-465b-8a36-60e5adf4b217 -  
2017-04-01 06:29:39 150.147.230.134 - 192.168.155.19 21 RETR Sales+Team+Roster+DITB.xls 226 0 0  
027e0b94-3583-465b-8a36-60e5adf4b217 /Sales+Team+Roster+DITB.xls  
2017-04-01 06:30:15 150.147.230.134 - 192.168.155.19 21 QUIT - 221 0 0  
027e0b94-3583-465b-8a36-60e5adf4b217 -  
2017-04-01 06:30:15 150.147.230.134 - 192.168.155.19 21 ControlChannelClosed - - 0 0  
027e0b94-3583-465b-8a36-60e5adf4b217 -

## 2.2

Name: places.sqlite

Created: 3/31/2017 6:39:23 PM (2017-04-01 01:39:23 UTC)

Accessed: 3/31/2017 6:39:23 PM (2017-04-01 01:39:23 UTC)

Modified: 3/31/2017 11:01:52 PM (2017-04-01 06:01:52 UTC)

Item: 7143

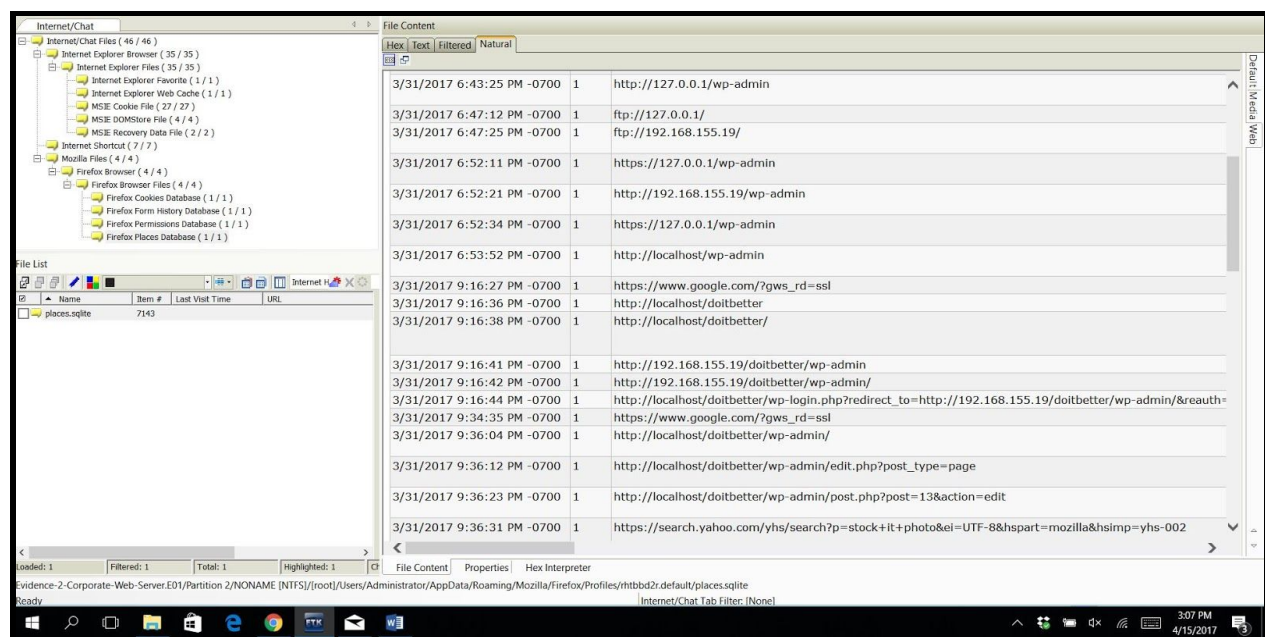
Category: Informational

P-Size: 10,485,760 bytes (10.00 MB)

L-Size: 10,485,760 bytes (10.00 MB)

Path: Evidence-2-Corporate-Web-Server.E01/Partition 2/NONAME

[NTFS]/[root]/Users/Administrator/AppData/Roaming/Mozilla/Firefox/Profiles/rhtbbd2r.default/  
places.sqlite



### Mozilla Firefox Browse History

Visit Date Visit Count URL Title Referring URL

3/31/2017 6:39:27 PM -0700 1 https://www.mozilla.org/en-US/firefox/52.0.2/firstrun/ Mozilla Firefox Web Browser — Mozilla

3/31/2017 6:39:45 PM -0700 1 http://google.com/

3/31/2017 6:39:45 PM -0700 1 http://www.google.com/ http://google.com/

3/31/2017 6:39:46 PM -0700 1 https://www.google.com/?gws\_rd=ssl Google http://www.google.com/

3/31/2017 6:42:15 PM -0700 1 https://127.0.0.1/ IIS 8.0 Detailed Error - 403.14 - Forbidden

3/31/2017 6:42:54 PM -0700 1 http://192.168.155.19/ IIS 8.0 Detailed Error - 403.14 - Forbidden

3/31/2017 6:43:23 PM -0700 1 http://127.0.0.1/wp-admin IIS 8.0 Detailed Error - 404.0 - Not Found

3/31/2017 6:43:25 PM -0700 1 <http://127.0.0.1/wp-admin> IIS 8.0 Detailed Error - 404.0 - Not Found

3/31/2017 6:47:12 PM -0700 1 <ftp://127.0.0.1/>

3/31/2017 6:47:25 PM -0700 1 <ftp://192.168.155.19/> Index of <ftp://192.168.155.19/>

3/31/2017 6:52:11 PM -0700 1 <https://127.0.0.1/wp-admin> IIS 8.0 Detailed Error - 404.0 - Not Found

3/31/2017 6:52:21 PM -0700 1 <http://192.168.155.19/wp-admin> IIS 8.0 Detailed Error - 404.0 - Not Found

3/31/2017 6:52:34 PM -0700 1 <https://127.0.0.1/wp-admin> IIS 8.0 Detailed Error - 404.0 - Not Found

3/31/2017 6:53:52 PM -0700 1 <http://localhost/wp-admin> IIS 8.0 Detailed Error - 404.0 - Not Found

3/31/2017 9:16:27 PM -0700 1 [https://www.google.com/?gws\\_rd=ssl](https://www.google.com/?gws_rd=ssl) Google

3/31/2017 9:16:36 PM -0700 1 <http://localhost/doiitbetter>

3/31/2017 9:16:38 PM -0700 1 <http://localhost/doiitbetter/> Do IT Better – The Best IT Service Provider

<http://localhost/doiitbetter>

3/31/2017 9:16:41 PM -0700 1 <http://192.168.155.19/doiitbetter/wp-admin>

3/31/2017 9:16:42 PM -0700 1 <http://192.168.155.19/doiitbetter/wp-admin/>

<http://192.168.155.19/doiitbetter/wp-admin>

3/31/2017 9:16:44 PM -0700 1

[http://localhost/doiitbetter/wp-login.php?redirect\\_to=http://192.168.155.19/doiitbetter/wp-admin/&reauth=1](http://localhost/doiitbetter/wp-login.php?redirect_to=http://192.168.155.19/doiitbetter/wp-admin/&reauth=1) Do IT Better < Log In <http://192.168.155.19/doiitbetter/wp-admin/>

3/31/2017 9:34:35 PM -0700 1 [https://www.google.com/?gws\\_rd=ssl](https://www.google.com/?gws_rd=ssl) Google

3/31/2017 9:36:04 PM -0700 1 <http://localhost/doiitbetter/wp-admin/> Dashboard < Do IT Better — WordPress

3/31/2017 9:36:12 PM -0700 1 [http://localhost/doiitbetter/wp-admin/edit.php?post\\_type=page](http://localhost/doiitbetter/wp-admin/edit.php?post_type=page) Pages < Do IT Better — WordPress <http://localhost/doiitbetter/wp-admin/>

3/31/2017 9:36:23 PM -0700 1 <http://localhost/doiitbetter/wp-admin/post.php?post=13&action=edit> Edit Page < Do IT Better — WordPress [http://localhost/doiitbetter/wp-admin/edit.php?post\\_type=page](http://localhost/doiitbetter/wp-admin/edit.php?post_type=page)

3/31/2017 9:36:31 PM -0700 1

<https://search.yahoo.com/yhs/search?p=stock+it+photo&ei=UTF-8&hspart=mozilla&hsimp=yhs-002> stock it photo - Yahoo Search Results

3/31/2017 9:36:40 PM -0700 1

[https://images.search.yahoo.com/yhs/search;\\_ylt=A86.JyNBLt9YihQARNsnnIIQ?p=stock+it+photo&fr=yhs-mozilla-a-002&fr2=piv-web&hspart=mozilla&hsimp=yhs-002](https://images.search.yahoo.com/yhs/search;_ylt=A86.JyNBLt9YihQARNsnnIIQ?p=stock+it+photo&fr=yhs-mozilla-a-002&fr2=piv-web&hspart=mozilla&hsimp=yhs-002) stock it photo - - Yahoo Image Search Results

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3/31/2017 9:36:57 PM -0700 1

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[https://images.search.yahoo.com/yhs/search;\\_ylt=A86.JyNBLt9YihQARNsnnIIQ?p=stock+it+photo&fr=yhs-mozilla-a-002&fr2=piv-web&hspart=mozilla&hsimp=yhs-002](https://images.search.yahoo.com/yhs/search;_ylt=A86.JyNBLt9YihQARNsnnIIQ?p=stock+it+photo&fr=yhs-mozilla-a-002&fr2=piv-web&hspart=mozilla&hsimp=yhs-002)

3/31/2017 9:37:03 PM -0700 1

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ground.jpg&action=click stock technology photo - - Yahoo Image Search Results

3/31/2017 9:37:13 PM -0700 1

[http://stockfresh.com/files/s/scorejor/m/39/673874\\_stock-photo-main-board---technology-background.jpg](http://stockfresh.com/files/s/scorejor/m/39/673874_stock-photo-main-board---technology-background.jpg)  
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3/31/2017 9:37:38 PM -0700 1 <http://localhost/doiitbetter/wp-admin/post.php?post=13&action=edit&message=1>  
Edit Page < Do IT Better — WordPress <http://localhost/doiitbetter/wp-admin/post.php?post=13&action=edit>

3/31/2017 9:37:38 PM -0700 1 <http://localhost/doiitbetter/wp-admin/post.php?post=13&action=edit> Edit Page < Do  
IT Better — WordPress <http://localhost/doiitbetter/wp-admin/post.php?post=13&action=edit&message=1>

3/31/2017 9:37:45 PM -0700 1 <http://localhost/doiitbetter/> Do IT Better – The Best IT Service Provider

3/31/2017 9:37:55 PM -0700 1 <http://localhost/doiitbetter/wp-admin/customize.php?url=http://localhost/doiitbetter/>  
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3/31/2017 9:38:12 PM -0700 1 <http://localhost/doiitbetter/wp-admin/customize.php?url=http://localhost/doiitbetter/>  
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3/31/2017 9:38:24 PM -0700 1

[http://localhost/doiitbetter/wp-admin/customize.php?url=http://localhost/doiitbetter/&changeset\\_uuid=94d8ea11-9f71-4415-8e33-7350ecb24b61](http://localhost/doiitbetter/wp-admin/customize.php?url=http://localhost/doiitbetter/&changeset_uuid=94d8ea11-9f71-4415-8e33-7350ecb24b61) Customize: Do IT Better – The Best IT Service Provider

<http://localhost/doiitbetter/wp-admin/customize.php?url=http://localhost/doiitbetter/>

3/31/2017 9:38:35 PM -0700 1 <http://localhost/doiitbetter/wp-admin/customize.php?url=http://localhost/doiitbetter/>  
Customize: Do IT Better – The Best IT Service Provider

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3/31/2017 9:39:07 PM -0700 1

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3/31/2017 9:39:15 PM -0700 1 <http://localhost/doiitbetter/wp-admin/customize.php?url=http://localhost/doiitbetter/>  
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3/31/2017 9:39:17 PM -0700 1 <http://localhost/doiitbetter/> Do IT Better – The Best IT Service Provider

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3/31/2017 9:39:26 PM -0700 1 <http://localhost/doiitbetter/wp-admin/post.php?post=13&action=edit> Edit Page < Do  
IT Better — WordPress <http://localhost/doiitbetter/>

3/31/2017 9:39:39 PM -0700 1 <http://localhost/doiitbetter/wp-admin/post.php?post=13&action=edit&message=1>  
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3/31/2017 9:39:39 PM -0700 1 <http://localhost/doiitbetter/wp-admin/post.php?post=13&action=edit> Edit Page < Do  
IT Better — WordPress <http://localhost/doiitbetter/wp-admin/post.php?post=13&action=edit&message=1>

3/31/2017 9:40:28 PM -0700 1 <http://localhost/doiitbetter/wp-admin/post.php?post=13&action=edit&message=1>  
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3/31/2017 9:40:28 PM -0700 1 <http://localhost/doiitbetter/wp-admin/post.php?post=13&action=edit> Edit Page < Do  
IT

Better — WordPress <http://localhost/doiitbetter/wp-admin/post.php?post=13&action=edit&message=1>

3/31/2017 9:40:32 PM -0700 1 <http://localhost/doiwbetter/> Do IT Better – The Best IT Service Provider  
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3/31/2017 9:40:43 PM -0700 1 <http://localhost/doiwbetter/wp-admin/post.php?post=13&action=edit> Edit Page < Do  
IT Better — WordPress <http://localhost/doiwbetter/>  
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3/31/2017 9:41:04 PM -0700 1 [http://localhost/doiwbetter/wp-login.php?action=logout&\\_wpnonce=77e01350e9](http://localhost/doiwbetter/wp-login.php?action=logout&_wpnonce=77e01350e9)  
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3/31/2017 9:41:06 PM -0700 1 <http://localhost/doiwbetter/wp-login.php?loggedout=true> Do IT Better < Log In  
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3/31/2017 9:41:09 PM -0700 1  
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Better < Log In <http://localhost/doiwbetter/wp-admin/index.php>  
3/31/2017 11:01:46 PM -0700 1 [https://www.google.com/?gws\\_rd=ssl](https://www.google.com/?gws_rd=ssl) Google  
3/31/2017 11:01:52 PM -0700 1 <ftp://192.168.155.19/>

---End of Content for 2.2---

## 2.3

Name: Employee Directory DITB.xls

Created: 3/31/2017 11:01:35 PM (2017-04-01 06:01:35 UTC)

Accessed: 3/31/2017 11:01:35 PM (2017-04-01 06:01:35 UTC)

Modified: 3/31/2017 11:00:06 PM (2017-04-01 06:00:06 UTC)

Item: 1245

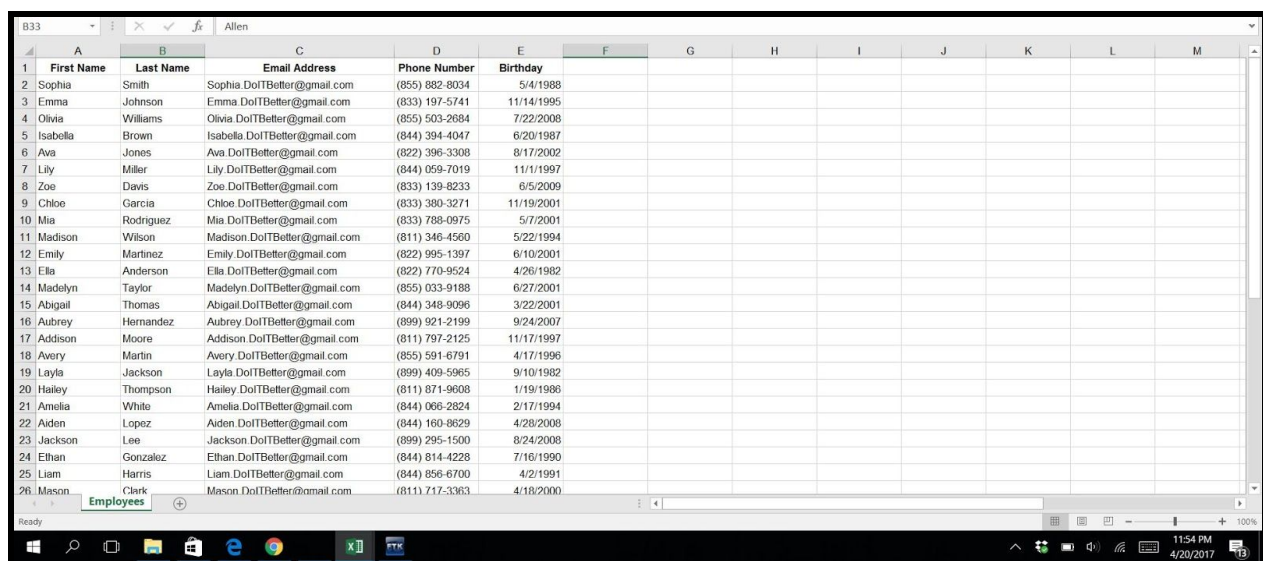
Category: Evidence

P-Size: 36,864 bytes (36.00 KB)

L-Size: 35,840 bytes (35.00 KB)

Path: Evidence-2-Corporate-Web-Server.E01/Partition 2/NONAME

[NTFS]/[root]/inetpub/ftproot/Employee Directory DITB.xls



First Name	Last Name	Email Address	Phone Number	Birthday
Sophia	Smith	Sophia.DolTBetter@gmail.com	(855) 882-8034	5/4/1988
Emma	Johnson	Emma.DolTBetter@gmail.com	(833) 197-5741	11/14/1995
Olivia	Williams	Olivia.DolTBetter@gmail.com	(855) 503-2684	7/22/2008
Isabella	Brown	Isabella.DolTBetter@gmail.com	(844) 394-4047	6/20/1987
Ava	Jones	Ava.DolTBetter@gmail.com	(822) 396-3308	8/17/2002
Lily	Miller	Lily.DolTBetter@gmail.com	(844) 059-7019	11/1/1997
Zoe	Davis	Zoe.DolTBetter@gmail.com	(833) 139-8233	6/5/2009
Chloe	Garcia	Chloe.DolTBetter@gmail.com	(833) 380-3271	11/19/2001
Mia	Rodriguez	Mia.DolTBetter@gmail.com	(833) 788-0975	5/7/2001
Madison	Wilson	Madison.DolTBetter@gmail.com	(811) 346-4560	5/22/1994
Emily	Martinez	Emily.DolTBetter@gmail.com	(822) 995-1397	6/10/2001
Ella	Anderson	Ella.DolTBetter@gmail.com	(822) 770-9524	4/26/1982
Madelyn	Taylor	Madelyn.DolTBetter@gmail.com	(855) 033-9188	6/27/2001
Abigail	Thomas	Abigail.DolTBetter@gmail.com	(844) 348-9096	3/22/2001
Aubrey	Hernandez	Aubrey.DolTBetter@gmail.com	(899) 921-2199	9/24/2007
Addison	Moore	Addison.DolTBetter@gmail.com	(811) 797-2125	11/17/1997
Avery	Martin	Avery.DolTBetter@gmail.com	(855) 591-6791	4/17/1996
Layla	Jackson	Layla.DolTBetter@gmail.com	(899) 409-5965	9/10/1982
Hailey	Thompson	Hailey.DolTBetter@gmail.com	(811) 871-9608	1/19/1986
Amelia	White	Amelia.DolTBetter@gmail.com	(844) 066-2824	2/17/1994
Aiden	Lopez	Aiden.DolTBetter@gmail.com	(844) 160-8629	4/26/2008
Jackson	Lee	Jackson.DolTBetter@gmail.com	(899) 295-1500	8/24/2008
Ethan	Gonzalez	Ethan.DolTBetter@gmail.com	(844) 814-4228	7/16/1990
Liam	Harris	Liam.DolTBetter@gmail.com	(844) 856-6700	4/2/1991
Mason	Clerk	Mason.DolTBetter@gmail.com	(811) 717-3363	4/18/2000

Name	Email Address	Birthday	Phone Number	User Password	Card Type	Card Number
Elfriede Ehrhardt	radheymanager17@hotmail.com	5/15/2000	(844) 316-4068	subpreputial		
MasterCard	5584398929973080	4/16				
Marcellus Merwin	stephenpowers601@yahoo.co.jp	10/25/1993	(822) 436-5904	scleroma		
VISA	4417123456789110	1/19				
Angelina Avitia	western_office1984@yahoo.com	2/14/1992	(822) 019-4484	unhoarding	Diners	
Club	30223290809526	9/16				
Floyd Fetzer	kelvinsmith0000@yahoo.com	1/1/1987	(899) 262-7522	usurpation	enRoute	
214992938007085		11/18				

# FAST Forensics

Germaine Gerke	kelvinsmith0000@yahoo.com	7/27/1983	(811) 483-4522	unsatisfied	Diners
Club	30227236593821	10/18			
Olive Orso	brownbolo2013@gmail.com	1/20/2010	(811) 585-4901	nebuchadnezzar	
American Express	372416995586052	3/17			
Ryann Rape	Frankbolo121@gmail.com	2/14/1998	(811) 114-6997	turgenev	Discover
	6011618612311080	8/18			
Lance Lesage	mrsrabe.maxi@yahoo.in	2/21/2000	(855) 509-1320	baneful	VISA
	4539082039396280	12/18			
Lois Lansing	international300@yahoo.co.uk	10/15/2009	(822) 142-6656	hacienda	American
Express	371449635398431	4/18			
Li Lesperance	alexander.dryano@yahoo.ie	5/8/2006	(855) 317-2282	wield	VISA
	4485940835282020	9/16			
Lelia Lowder	terry.don@live.com	8/29/1994	(844) 070-9682	peculiar	American Express
	372416995586052	3/17			
Benita Begley	telex@swlft-natwest.com	8/9/1982	(855) 923-2430	retractively	VISA
					4532014495343
		3/17			
Burl Brevard	info.interpol@bigmir.net	11/10/1995	(833) 732-4996	nonproportionable	
Discover	6011266320013760	10/17			
Divina Diederich	aishamummar1@yahoo.com	9/3/2004	(855) 135-3287	untabulable	MasterCard
	5397964830355330	8/18			
Berry Blaylock	jamesdabeni@yahoo.com	2/4/2011	(855) 582-2644	housewifely	American Express
	372523281441007	8/17			
Bennie Brantner	jamesdabeni777@gmail.com	2/22/1995	(833) 678-1197	grierson	MasterCard
	5424106780864940	2/17			
Clair Chamber	f.express2015@yandex.com	10/12/1982	(811) 303-2905	noncontemptibleness	
JCB	3560777438925510	2/17			
Katina Krogh	charlesmillssarb@gmail.com	6/26/2005	(899) 314-5028	unconjured	Diners
Club	30249963622904	10/17			
Meghann Mckeown	mrsireneloeinfirm1@gmail.com	10/3/2007	(833) 007-7423	walhalla	VISA
	4532014495343	3/17			
Velma Veach	waleVCXakande2010@gmail.com	9/4/2010	(899) 021-1181	anymore	MasterCard
	5105105105105100	2/18			
Inga Indelicato	waleakande2010@gmail.com	11/23/2007	(833) 848-8549	hesperidin	Voyager
	869994992762272	10/17			
Cherly Chadd	westerntttuuunnion@outlook.com	10/27/2010	(811) 544-5621	indulging	
American Express	372416995586052	3/17			
Jenine Junkins	homelandsecdpt01@mail.tj	3/6/1987	(822) 394-7178	grouping	MasterCard
	5431111111111110	3/18			
Nohemi Nava	efccfile02@mail.tj	5/26/1993	(855) 903-1957	schmaltzy	MasterCard
	5555555555554440	7/18			
Domingo Dewall	lbetten102@hotmail.com	10/17/2005	(811) 957-5964	zurich	Discover
	6011963280099770	4/17			
Vertie Vassel	leon_hirtle11@outlook.com	1/9/1985	(833) 181-8135	trial	MasterCard
	5397964830355330	8/18			
Leandra Lynam	fidelitycapitaltd@qq.com	1/5/2008	(833) 292-4617	spiritualize	MasterCard
	5431111111111110	3/18			
Rodolfo Rustad	barr.lamido-ali11@yandex.com	12/22/1983	(833) 108-1550	somnambulated	Diners
Club	36780871723016	9/17			

# FAST Forensics

Dania Dehaven	drpaulthibedi@outlook.com	12/13/2010	(833) 171-0456	nonfarm American Express	370595845057067	1/19
Roselle Rickey	mrsmoris1100@gmail.com	7/4/1991	(833) 383-5180	tumidly VISA	4916394257706	8/16
Yen Yarnell	1467587340@qq.com	4/3/2011	(833) 969-7401	troubleshooter VISA	4485983356242210	1/18
Stella Stodola	funds.transfer@gtb-uk.co	10/9/1984	(833) 596-8042	ferberite American Express	347681596525955	11/17
Taisha Traver	tkonlineoffice@qq.com	6/12/2008	(899) 109-1335	engagingly Discover	6011779351975260	7/16
Arnita Alix	adrianasunjay@yahoo.fr	3/31/1985	(899) 735-1178	trichromatism JCB	3337330229108020	9/16
Malorie Mitchum	standardcharterdbnk@mail2sat.com	2/28/1993	(855) 489-8803	bauson	MasterCard 5373098663983070	5/17
Marquerite Matheny	gracemanda444@gmail.com	7/25/1982	(844) 002-0550	mishit VISA	4417123456789110	8/17
Lyle Lucy	lawsonjhs@gmail.com	1/13/2009	(822) 607-9339	mudfishes Voyager	869994992762&272	9/17
Huong Hey	thomasscamp@aliyun.com	3/30/2009	(899) 653-8210	cube MasterCard	5446882375129690	3/16
Belle Bevill	unoffice11@qq.com	10/9/1983	(822) 095-9093	sib VISA	4024007135532710	1/18
Margarette Majeed	major.banqs231@hotmail.com	10/20/1987	(899) 951-4111	inheritrix	Voyager 869968951403904	7/18
Lauran Lanning	western_union1212@hotmail.com	4/24/1999	(822) 296-6268	yuan VISA	4532014495343	11/18
Danna Dailey	normanchan26@gmail.com	11/24/1995	(811) 118-4391	hochheimer	MasterCard 5599778755259860	5/17
Lawerence Lowenthal	austinandrew200@gmail.com	3/16/2000	(844) 972-9660	bobby Voyager	869968951403904	7/18
Glen Grimsley	brian.pha@usa.com	4/26/1995	(833) 111-2330	overservility Discover	6011618612311080	8/17
Judy Jone	rachaegoude0@gmail.com	5/2/1986	(833) 272-5305	parabolical Discover	6011000990139420	9/18
Erich Emory	carrieannebradshaw@outlook.fr	7/10/2008	(833) 230-5229	fleabane VISA	4556934433414450	3/18
Fredrick Fussell	dr.carrieannebradshaw@gmail.com	1/13/1996	(855) 921-6812	silverwork JCB	3552561987643570	6/17
Timika Tetrault	hmdabid@hotmail.com	4/14/1984	(899) 342-6732	condensate American Express	372416995586052	8/16
Demetria Dietrich	terry.donn14@yahoo.com.hk	7/15/2001	(811) 045-3509	planetaria	Diners Club 38767186195160	7/18
Catarina Carriere	terdon343@gmail.com	3/8/1982	(822) 402-6228	quadruple Discover	6011111111111110	5/17
Michiko Maddalena	linda_godswill@yahoo.com	5/12/1999	(855) 408-2102	avignon VISA	4417123456789110	8/17



# FAST Forensics

Cecil Culotta	shelby1@hera.eonet.ne.jp	3/26/2004	(844) 451-1931	bourne	VISA
4485997003098810	2/17				
Bula Bosse	hern54@hotmail.com	3/26/1982	(811) 863-3720	europeanize	enRoute
201401028390893	8/16				
Davis Daigle	mtw1111@katamail.com	11/18/2000	(899) 228-5476	glossatorial	MasterCard
5584398929973080	12/18				
Danae Dowd	johnrob727@aol.com	4/6/1991	(811) 742-9553	kathryn	VISA
8/17					
Jone Jennette	john_rob2@aol.com	1/10/1999	(899) 052-0939	cheerio	VISA
4532547106994810	8/16				
Leigha Leyba	james.comeyg11@gmail.com	1/20/2009	(822) 020-8419	naughtiest	
MasterCard	5555555555554440	6/18			
Andria Aycock	t.efremidi@mail.ru	7/6/1983	(822) 482-8598	mayonnaise	Voyager
869994992762272	9/17				
Kalyn Kubacki	petrov.ringfoo@yandex.ru	2/27/2011	(855) 401-0550	unapprehensible	enRoute
214919215342737	4/16				
Zachery Zertuche	jakovlev.liasig@yandex.ru	5/26/2008	(833) 026-9657	wenona	enRoute
214992938007085	3/17				
Donnette Devaughn	kostja-missbut1982@yandex.ru	7/14/2009	(844) 020-9082	precompensating	
enRoute 214919215342737	4/16				
Annelle Aikens	romanmrpse@rambler.ru	12/19/1982	(822) 947-1189	quaintly	VISA
4532547106994810	10/16				
Karena Kroll	danielle.synclair@gmail.com	3/14/1989	(811) 269-2054	devisal	Discover
6011601160116610	8/18				
Janean Joyal	artemtmbor@rambler.ru	10/15/1991	(899) 014-1775	eurydamas	MasterCard
5330416937082480	7/17				
Geri Gathings	1303736074@qq.com	10/24/1999	(822) 967-0496	medicator	JCB
3552561987643570	5/16				
Alyce Ancheta	mtw1111@katamail.com	8/15/1997	(844) 446-5355	ironweed	VISA
4111111111111110	11/17				
Teodoro Throop	debreaugregory@fbigov.uk.tn	8/23/1994	(833) 247-3914	sincere	Voyager
869968951403904	6/17				
Noella Neeld	western.union@qq.com	1/6/1985	(899) 391-1779	vat	American Express
347836551942260	12/17				
Earline Ealy	davidwhite@live.com	12/30/1987	(822) 367-8643	incommunicado	MasterCard
5161520353104300	11/16				
Brenda Baldonado	metalandgemcompanylimited@gmail.com	7/2/1982	(899) 996-2517	hydroa	VISA
4716624558453520	7/17				
Dianna Dublin	dada.umaru16@yahoo.com	9/30/2000	(822) 641-5655	holophrastic	VISA
4556019731428	9/18				
Tocara Thor	ankiro@bredband.net	4/5/2004	(899) 471-2409	stockman	MasterCard
5219780867397650	6/17				
Saran Show	samirakones@hotmail.com	2/13/2002	(811) 667-2003	homewards	enRoute
214919215342737	4/16				
Arnetta Almeida	davedawes222@qq.com	2/21/1991	(811) 901-4182	orangeist	enRoute
201401028390893	8/18				
Jeanmarie Jurek	fedex_delievery@aol.co.uk	8/28/2010	(822) 333-0990	haori	VISA
4929858612795310	5/18				

## FAST Forensics

Ming Mcshan mr.baghdadi\_alimahmudi@yahoo.co.uk 10/8/1989 (844) 616-1150 somatism  
VISA 4485983356242210 3/17

Sabina Speed claims101@qq.com 10/31/1993 (822) 170-2742 ferneries MasterCard  
5379100654649280 10/17

Margherita Marland balajifreightlogistics@gmail.com 12/14/2006 (822) 432-6254 clatter VISA  
4532463489599 1/17

Vincenza Voyles jinamorgan@outlook.com 7/1/1997(833) 986-8863 clamworm MasterCard  
5269924854210550 2/18

Rupert Raub officew413@yahoo.it 7/24/1993 (833) 796-9567 hepworth American  
Express 378734493671000 5/17

Marlene Maria fb\_deliveryservice@yeah.net 2/23/1996 (822) 489-1318 unhurrying  
American Express 371449635398431 2/18

Theola Thurlow dicksonleslie20@gmail.com 9/18/2000 (822) 514-8694 baroja MasterCard  
5219780867397650 10/16

Lavette Lutterman diplomaticagent766@gmail.com 11/15/2003 (833) 814-6771 sharper  
American Express 370595845057067 4/18

Coy Castilleja williamadams086@gmail.com 7/13/2005 (833) 775-3420 oliguria MasterCard  
5424106780864940 5/16

Jeana Juckett jamesentwistle71@naftalie.net 3/4/1984(811) 100-4292 karma MasterCard  
5365291727659780 5/17

Eryn Easterly hickmanakagbor@gmail.com 10/5/1996 (822) 076-7603 overelaborated VISA  
4222222222222 8/17

Bret Bevil dj9512220@gmail.com 2/16/2008 (844) 171-9525 brannier Voyager  
869955912473142 2/19

Carlotta Casas mariakeona3@gmail.com 3/1/1999(855) 006-5364 decimalize MasterCard  
5379100654649280 12/16

Gertha Goold rachelm62@orange.fr 1/22/1993 (833) 749-9427 fearful MasterCard  
5599778755259860 11/18

Merle Maestas nicolas.nancy@wanadoo.fr 8/5/1982(833) 932-6451 nonepiscopal MasterCard  
5269924854210550 3/19



## TEAM MANAGEMENT

First Name	Last Name	Cell Phone	Email	Title	Extension
Chris	Evanson	(844) 548-5785	chris.doitbetter@gmail.com	Sales Director	x1342
Steve	Gates	(833) 373-2695	steve.doitbetter@gmail.com	Sales Manager	x1365

2.5

Name: Customer Directory DITB.xls

Created: 3/31/2017 11:01:35 PM (2017-04-01 06:01:35 UTC)

Accessed: 3/31/2017 11:01:35 PM (2017-04-01 06:01:35 UTC)

Modified: 3/31/2017 10:51:15 PM (2017-04-01 05:51:15 UTC)

Item: 1241

Category: Evidence

P-Size: 86,016 bytes (84.00 KB)

L-Size: 86,016 bytes (84.00 KB)

Path: Evidence-2-Corporate-Web-Server.E01/Partition 2/NONAME

[NTFS]/[root]/inetpub/ftproot/Customer Directory DITB.xls

	A	B	C	D	E	F	G	H	I
	Name	Email Address	Birthday	Phone Number	User Password	Card Type	Card Number	Expiration	
2	Elfriede Ehrhardt	radheymanager17@hotmail.com	5/15/2000	(844) 316-4068	subpreputial	MasterCard	5584398929973080	4/16	
3	Marcellus Merwin	stephenpowers601@yahoo.co.jp	10/25/1993	(822) 436-5904	scleroma	VISA	4417123456789110	1/19	
4	Angelina Avitia	western_office1984@yahoo.com	2/14/1992	(822) 019-4484	unhoarding	Diners Club	30223290809526	9/16	
5	Floyd Fetzter	kelvinsmith0000@yahoo.com	1/1/1987	(899) 262-7522	usurpation	enRoute	214992938007085	11/18	
6	Germaine Gerke	kelvinsmith0000@yahoo.com	7/27/1983	(811) 483-4522	unsatisfied	Diners Club	30227236593821	10/18	
7	Olive Orso	brownbolo2013@gmail.com	1/20/2010	(811) 585-4901	nebuchadnezzar	American Express	372416995586052	3/17	
8	Ryann Rape	Frankbolo121@gmail.com	2/14/1998	(811) 114-6997	turgenev	Discover	6011618612311080	8/18	
9	Lance Lesage	mrsrabe.maxi@yahoo.in	2/21/2000	(855) 509-1320	baneful	VISA	4539082039396280	12/18	
10	Lois Lansing	international300@yahoo.co.uk	10/15/2009	(822) 142-6656	hacienda	American Express	371449635398431	4/18	
11	Li Lesperance	alexander.dryano@yahoo.ie	5/8/2006	(855) 317-2282	wield	VISA	4485940835282020	9/16	
12	Lelia Lowder	terry.don@live.com	8/29/1994	(844) 070-9682	peculiar	American Express	372416995586052	3/17	
13	Benita Begley	telex@swlft-natwest.com	8/9/1982	(855) 923-2430	retractively	VISA	4532014495343	3/17	
14	Burl Brevard	info.interpol@bigmir.net	11/10/1995	(833) 732-4996	nonproportionable	Discover	6011266320013760	10/17	
15	Divina Diederich	aishamumar1@yahoo.com	9/3/2004	(855) 135-3287	untabulable	MasterCard	5397964830355330	8/18	
16	Berry Blaylock	jamesdabeni@yahoo.com	2/4/2011	(855) 582-2644	housewifely	American Express	372523281441007	8/17	
17	Bonnie Brantner	jamesdabeni777@gmail.com	2/22/1995	(833) 678-1197	grierson	MasterCard	5424106780064940	2/17	
18	Clair Chamber	f.express2015@yahoo.com	10/12/1982	(811) 303-2905	noncontemplibleness	JCB	3560777438925510	2/17	
19	Katina Krogh	charlesmillsarb@gmail.com	6/26/2005	(899) 314-5028	unconjured	Diners Club	30249963629004	10/17	
20	Meghann McKeown	mrsriensloefm1@gmail.com	10/3/2007	(833) 007-7423	wahalla	VISA	4532014495343	3/17	
21	Velma Veach	waleVCXakande2010@gmail.com	9/4/2010	(899) 021-1181	anymore	MasterCard	5105105105105100	2/18	
22	Inga Indolicato	waleakande2010@gmail.com	11/23/2007	(833) 848-8549	hesperidin	Voyager	869994992762272	10/17	
23	Cherly Chadd	westernituuannon@outlook.com	10/27/2010	(811) 544-5621	indulging	American Express	372416995586052	3/17	
24	Jenine Jenkins	homelandscdpl01@mail.tj	3/6/1987	(822) 394-7178	grouping	MasterCard	5431111111111110	3/18	
25	Nohomi Nava	ofccfile02@mail.tj	5/26/1993	(855) 903-1957	schmaltzy	MasterCard	5555555555554440	7/18	
26	Dominion D'neill	lthellen102@hotmail.com	10/17/2005	(811) 957-5964	zurich	Discover	6011963280099770	4/17	

Name	Email Address	Birthday	Phone Number	User Password	Card Type	Card Number	Expiration
Elfriede Ehrhardt	radheymanager17@hotmail.com	5/15/2000	(844) 316-4068	subpreputial	MasterCard	5584398929973080	4/16
Marcellus Merwin	stephenpowers601@yahoo.co.jp	10/25/1993	(822) 436-5904	scleroma	VISA	4417123456789110	1/19
Angelina Avitia	western_office1984@yahoo.com	2/14/1992	(822) 019-4484	unhoarding	Diners Club	30223290809526	9/16
Floyd Fetzter	kelvinsmith0000@yahoo.com	1/1/1987	(899) 262-7522	usurpation	enRoute	214992938007085	11/18
Germaine Gerke	kelvinsmith0000@yahoo.com	7/27/1983	(811) 483-4522	unsatisfied	Diners Club	30227236593821	10/18
Olive Orso	brownbolo2013@gmail.com	1/20/2010	(811) 585-4901	nebuchadnezzar	American Express	372416995586052	3/17
Ryann Rape	Frankbolo121@gmail.com	2/14/1998	(811) 114-6997	turgenev	Discover	6011618612311080	8/18
Lance Lesage	mrsrabe.maxi@yahoo.in	2/21/2000	(855) 509-1320	baneful	VISA	4539082039396280	12/18
Lois Lansing	international300@yahoo.co.uk	10/15/2009	(822) 142-6656	hacienda	American Express	371449635398431	4/18
Li Lesperance	alexander.dryano@yahoo.ie	5/8/2006	(855) 317-2282	wield	VISA	4485940835282020	9/16
Lelia Lowder	terry.don@live.com	8/29/1994	(844) 070-9682	peculiar	American Express	372416995586052	3/17
Benita Begley	telex@swlft-natwest.com	8/9/1982	(855) 923-2430	retractively	VISA	4532014495343	3/17

# FAST Forensics

Burl Brevard	info.interpol@bigmir.net	11/10/1995	(833) 732-4996	nonproportionable	Discover	6011266320013760	10/17
Divina Diederich	aishamummar1@yahoo.com	9/3/2004	(855) 135-3287	untabulable	MasterCard	5397964830355330	8/18
Berry Blaylock	jamesdaben1@yahoo.com	2/4/2011	(855) 582-2644	housewifely	American Express	372523281441007	8/17
Bennie Brantner	jamesdaben1777@gmail.com	2/22/1995	(833) 678-1197	grierson	MasterCard	5424106780864940	2/17
Clair Chamber	f.express2015@yandex.com	10/12/1982	(811) 303-2905	noncontemptibleness	JCB	3560777438925510	2/17
Katina Krogh	charlesmillssarb@gmail.com	6/26/2005	(899) 314-5028	unconjured	Diners Club	30249963622904	10/17
Meghann Mckeown	mrsireneloeinfirm1@gmail.com	10/3/2007	(833) 007-7423	walhall	VISA	4532014495343	3/17
Velma Veach	waleVCXakande2010@gmail.com	9/4/2010	(899) 021-1181	anymore	MasterCard	5105105105105100	2/18
Inga Indelicato	waleakande2010@gmail.com	11/23/2007	(833) 848-8549	hesperidin	Voyager	869994992762272	10/17
Cherly Chadd	westernttuuunio@outlook.com	10/27/2010	(811) 544-5621	indulging	American Express	372416995586052	3/17
Jenine Junkins	homelandsecdept01@mail.tj	3/6/1987	(822) 394-7178	grouping	MasterCard	5431111111111110	3/18
Nohemi Nava	efccfile02@mail.tj	5/26/1993	(855) 903-1957	schmaltzy	MasterCard	5555555555554440	7/18
Domingo Dewall	lbetten102@hotmail.com	10/17/2005	(811) 957-5964	zurich	Discover	6011963280099770	4/17
Vertie Vassel	leon_hirtle11@outlook.com	1/9/1985	(833) 181-8135	trial	MasterCard	5397964830355330	8/18
Leandra Lynam	fidelitycapitalld@qq.com	1/5/2008	(833) 292-4617	spiritualize	MasterCard	5431111111111110	3/18
Rodolfo Rustad	barr.lamido-af111@yandex.com	12/22/1983	(833) 108-1550	somnambulated	Diners Club	36780871723016	9/17
Dania Dehaven	drpaulthibedi@outlook.com	12/13/2010	(833) 171-0456	nonfarm	American Express	370595845057067	1/19
Roselle Rickey	mrsmoris1100@gmail.com	7/4/1991	(833) 383-5180	tumidly	VISA	4916394257706	8/16
Yen Yarnell	1467587340@qq.com	4/3/2011	(833) 969-7401	troubleshooter	VISA	4485983356242210	1/18
Stella Stodola	funds.transfer@gtb-uk.co	10/9/1984	(833) 596-8042	ferberite	American Express	347681596525955	11/17
Taisha Traver	tkonlineoffice@qq.com	6/12/2008	(899) 109-1335	engagingly	Discover	6011779351975260	7/16
Arnita Alix	adrianasunjay@yahoo.fr	3/31/1985	(899) 735-1178	trichromatism	JCB	3337330229108020	9/16
Malorie Mitchum	standardcharteredbnk@mail2sat.com	2/28/1993	(855) 489-8803	bauson	MasterCard	5373098663983070	5/17
Marquerite Matheny	gracemanda444@gmail.com	7/25/1982	(844) 002-0550	mishit	VISA	4417123456789110	8/17
Lyle Lucy	lawsonjhs@gmail.com	1/13/2009	(822) 607-9339	mudfishes	Voyager	869994992762d272	9/17
Huong Hey	thomascamp@aliyun.com	3/30/2009	(899) 653-8210	cube	MasterCard	5446882375129690	3/16
Belle Bevill	unoffice11@qq.com	10/9/1983	(822) 095-9093	sib	VISA	4024007135532710	1/18
Margarette Majeed	major.banqs231@hotmail.com	10/20/1987	(899) 951-4111	inheritrix	Voyager	869968951403904	7/18
Lauran Lanning	western_union1212@hotmail.com	4/24/1999	(822) 296-6268	yuan	VISA	4532014495343	11/18
Danna Dailey	normanchan26@gmail.com	11/24/1995	(811) 118-4391	hochheimer	MasterCard	5599778755259860	5/17
Lawerence Lowenthal	austinandrew200@gmail.com	3/16/2000	(844) 972-9660	bobby	Voyager	869968951403904	7/18
Glen Grimsley	brian.pha@usa.com	4/26/1995	(833) 111-2330	overservility	Discover	6011618612311080	8/17
Judy Jone	rachaeogoude0@gmail.com	5/2/1986	(833) 272-5305	parabohical	Discover	6011000990139420	9/18
Erich Emory	carrieannebradshaw@outlook.fr	7/10/2008	(833) 230-5229	fleabane	VISA	4556934433414450	3/18
Fredrick Fussell	dr.carrieannebradshaw@gmail.com	1/13/1996	(855) 921-6812	silverwork	JCB	3552561987643570	6/17
Timika Tetrault	hmdabid@hotmail.com	4/14/1984	(899) 342-6732	condensate	American Express	372416995586052	8/16
Demetria Dietrich	terry.donn14@yahoo.com.hk	7/15/2001	(811) 045-3509	planetaria	Diners Club	38767186195160	7/18
Catarina Carriere	terdon343@gmail.com	3/8/1982	(822) 402-6228	quadruple	Discover	6011111111111110	5/17
Michiko Maddalena	linda_godswill@yahoo.com	5/12/1999	(855) 408-2102	avignon	VISA	4417123456789110	8/17
Cecil Culotta	shelby1@hera.eonet.ne.jp	3/26/2004	(844) 451-1931	bourne	VISA	4485997003098810	2/17
Bula Bosse	hern54@hotmail.com	3/26/1982	(811) 863-3720	europeanize	enRoute	201401028390893	8/16
Davis Daigle	mtw1111@katamail.com	11/18/2000	(899) 228-5476	glossatorial	MasterCard	5584398929973080	12/18
Danae Dowd	johnrob727@aol.com	4/6/1991	(811) 742-9553	kathryn	VISA	4417123456789110	8/17
Jone Jennette	john_rob2@aol.com	1/10/1999	(899) 052-0939	cheerio	VISA	4532547106994810	8/16
Leigha Leyba	james.comeygl1@gmail.com	1/20/2009	(822) 020-8419	naughtiest	MasterCard	5555555555554440	6/18
Andria Aycok	tefremid@mail.ru	7/6/1983	(822) 482-8598	mayonnaise	Voyager	869994992762272	9/17
Kalyn Kubacki	petrov.ringfoo@yandex.ru	2/27/2011	(855) 401-0550	unapprehensible	enRoute	214919215342737	4/16
Zachery Zertuche	jakovlev.liasig@yandex.ru	5/26/2008	(833) 026-9657	wenona	enRoute	214992938007085	3/17
Donnette Devaughn	kostja-missbut1982@yandex.ru	7/14/2009	(844) 020-9082	precompensating	enRoute	214919215342737	4/16
Annelle Aikens	romanmrpse@rambler.ru	12/19/1982	(822) 947-1189	quaintly	VISA	4532547106994810	10/16
Karena Kroll	danielle.synclair@gmail.com	3/14/1989	(811) 269-2054	devisal	Discover	6011601160116610	8/18
Janean Joyal	artemtmbror@rambler.ru	10/15/1991	(899) 014-1775	eurydamas	MasterCard	5330416937082480	7/17

# FAST Forensics

<i>Geri Gathings</i>	<i>1303736074@qq.com</i>	<i>10/24/1999</i>	<i>(822) 967-0496</i>	<i>medicator</i>	<i>JCB</i>	<i>3552561987643570</i>	<i>5/16</i>	
<i>Alyce Anchetamtwi1111@katamail.com</i>		<i>8/15/1997</i>	<i>(844) 446-5355</i>	<i>ironweed</i>	<i>VISA</i>	<i>4111111111111110</i>	<i>11/17</i>	
<i>Teodoro Throop</i>	<i>debreaugregory@fbigov.uk.tn</i>	<i>8/23/1994</i>	<i>(833) 247-3914</i>	<i>sincere</i>	<i>Voyager</i>	<i>869968951403904</i>	<i>6/17</i>	
<i>Noella Neeld</i>	<i>western.union@qq.com</i>	<i>1/6/1985</i>	<i>(899) 391-1779</i>	<i>vat</i>	<i>American Express</i>	<i>347836551942260</i>	<i>12/17</i>	
<i>Earline Ealy</i>	<i>davidwhite@live.com</i>	<i>12/30/1987</i>	<i>(822) 367-8643</i>	<i>incommunicado</i>	<i>MasterCard</i>	<i>5161520353104300</i>	<i>11/16</i>	
<i>Brenda Baldonado</i>	<i>metalandgemcompanylimited@gmail.com</i>	<i>7/2/1982</i>	<i>(899) 996-2517</i>	<i>hydroa</i>	<i>VISA</i>	<i>4716624558453520</i>	<i>7/17</i>	
<i>Dianna Dublin</i>	<i>dada.umaru16@yahoo.com</i>	<i>9/30/2000</i>	<i>(822) 641-5655</i>	<i>holophrastic</i>	<i>VISA</i>	<i>4556019731428</i>	<i>9/18</i>	
<i>Toccarra Thor</i>	<i>ankiro@bredband.net</i>	<i>4/5/2004</i>	<i>(899) 471-2409</i>	<i>stockman</i>	<i>MasterCard</i>	<i>5219780867397650</i>	<i>6/17</i>	
<i>Saran Show</i>	<i>samirakones@hotmail.com</i>	<i>2/13/2002</i>	<i>(811) 667-2003</i>	<i>homewards</i>	<i>enRoute</i>	<i>214919215342737</i>	<i>4/16</i>	
<i>Arnetta Almeida</i>	<i>davedawes222@qq.com</i>	<i>2/21/1991</i>	<i>(811) 901-4182</i>	<i>orangeist</i>	<i>enRoute</i>	<i>201401028390893</i>	<i>8/18</i>	
<i>Jeanmarie Jurek</i>	<i>fedex_delievery@aol.co.uk</i>	<i>8/28/2010</i>	<i>(822) 333-0990</i>	<i>haori</i>	<i>VISA</i>	<i>4929858612795310</i>	<i>5/18</i>	
<i>Ming Mcshan</i>	<i>mr.baghdadi_alimahmudi@yahoo.co.uk</i>	<i>10/8/1989</i>	<i>(844) 616-1150</i>	<i>somatism</i>	<i>VISA</i>	<i>4485983356242210</i>	<i>3/17</i>	
<i>Sabina Speed</i>	<i>claims101@qq.com</i>	<i>10/31/1993</i>	<i>(822) 170-2742</i>	<i>ferneries</i>	<i>MasterCard</i>	<i>5379100654649280</i>	<i>10/17</i>	
<i>Margherita Marland</i>	<i>balajifreightlogistics@gmail.com</i>	<i>12/14/2006</i>	<i>(822) 432-6254</i>	<i>clatter</i>	<i>VISA</i>	<i>4532463489599</i>	<i>1/17</i>	
<i>Vincenza Voyles</i>	<i>jinamorgan@outlook.com</i>	<i>7/1/1997</i>	<i>(833) 986-8863</i>	<i>clamworm</i>	<i>MasterCard</i>	<i>5269924854210550</i>	<i>2/18</i>	
<i>Rupert Raub</i>	<i>officew413@yahoo.it</i>	<i>7/24/1993</i>	<i>(833) 796-9567</i>	<i>hepworth</i>	<i>American Express</i>	<i>378734493671000</i>	<i>5/17</i>	
<i>Marlene Maria</i>	<i>fb_deliveryservice@yeah.net</i>	<i>2/23/1996</i>	<i>(822) 489-1318</i>	<i>unhurrying</i>	<i>American Express</i>	<i>371449635398431</i>	<i>2/18</i>	
<i>Theola Thurlow</i>	<i>dicksonleslie20@gmail.com</i>	<i>9/18/2000</i>	<i>(822) 514-8694</i>	<i>baroja</i>	<i>MasterCard</i>	<i>5219780867397650</i>	<i>10/16</i>	
<i>Lavette Lutterman</i>	<i>diplomaticagent766@gmail.com</i>	<i>11/15/2003</i>	<i>(833) 814-6771</i>	<i>sharper</i>	<i>American Express</i>	<i>370595845057067</i>	<i>4/18</i>	
<i>Coy Castilleja</i>	<i>williamadams086@gmail.com</i>	<i>7/13/2005</i>	<i>(833) 775-3420</i>	<i>oliguria</i>	<i>MasterCard</i>	<i>5424106780864940</i>	<i>5/16</i>	
<i>Jeana Juckett</i>	<i>jamesentwistle71@naftalie.net</i>	<i>3/4/1984</i>	<i>(811) 100-4292</i>	<i>karma</i>	<i>MasterCard</i>	<i>5365291727659780</i>	<i>5/17</i>	
<i>Eryn Easterly</i>	<i>hickmanakagbor@gmail.com</i>	<i>10/5/1996</i>	<i>(822) 076-7603</i>	<i>overelaborated</i>	<i>VISA</i>	<i>4222222222222</i>	<i>8/17</i>	
<i>Bret Bevil</i>	<i>dj9512220@gmail.com</i>	<i>2/16/2008</i>	<i>(844) 171-9525</i>	<i>brannier</i>	<i>Voyager</i>	<i>869955912473142</i>	<i>2/19</i>	
<i>Carlotta Casas</i>	<i>mariakeona3@gmail.com</i>	<i>3/1/1999</i>	<i>(855) 006-5364</i>	<i>decimalize</i>	<i>MasterCard</i>	<i>5379100654649280</i>	<i>12/16</i>	
<i>Gertha Goold</i>	<i>rachelm62@orange.fr</i>	<i>1/22/1993</i>	<i>(833) 749-9427</i>	<i>fearful</i>	<i>MasterCard</i>	<i>5599778755259860</i>	<i>11/18</i>	
<i>Merle Maestas</i>	<i>nicolas.nancy@wanadoo.fr</i>	<i>8/5/1982</i>	<i>(833) 932-6451</i>	<i>nonepiscopal</i>	<i>MasterCard</i>	<i>5269924854210550</i>	<i>3/19</i>	

2.6

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Accessed: 3/31/2017 6:00:07 PM (2017-04-01 01:00:07 UTC)

Modified: 3/31/2017 11:26:07 PM (2017-04-01 06:26:07 UTC)

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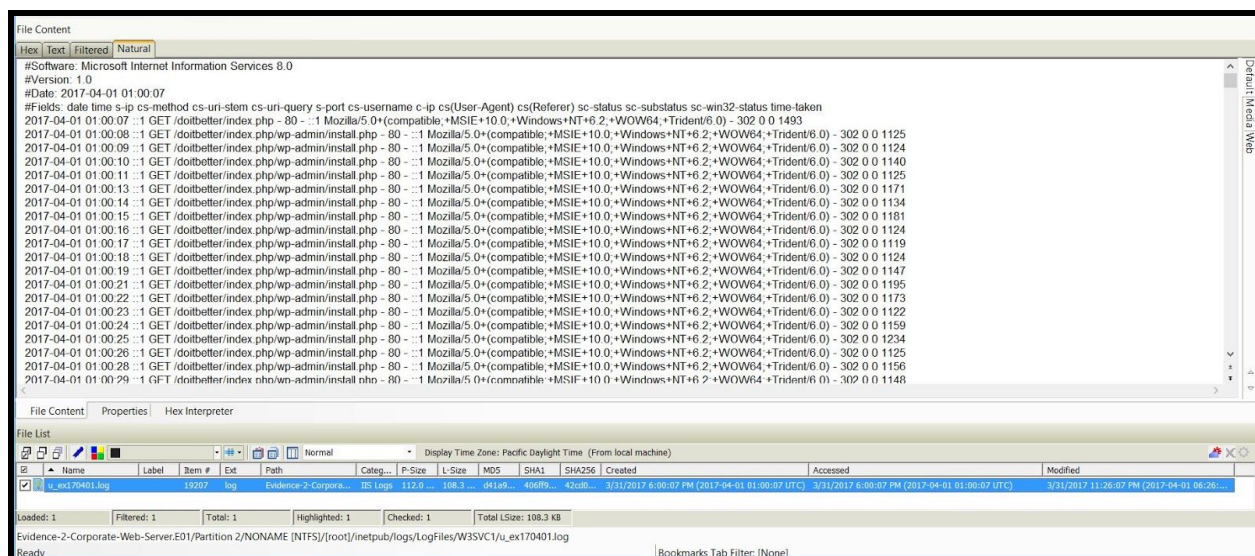
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Path: Evidence-2-Corporate-Web-Server.E01/Partition 2/NONAME

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Name	Email Address	Birthday	Phone Number	User Password	Card Type	Card Number
Expiration						
Elfriede Ehrhardt	radheymanager17@hotmail.com	5/15/2000	(844) 316-4068	subpreputial		
MasterCard	5584398929973080	4/16				
Marcellus Merwin	stephenpowers601@yahoo.co.jp	10/25/1993	(822) 436-5904	scleroma		
VISA	4417123456789110	1/19				
Angelina Avitia	western_office1984@yahoo.com	2/14/1992	(822) 019-4484	unhoarding	Diners	
Club	30223290809526	9/16				
Floyd Fetzter	kelvinsmith0000@yahoo.com	1/1/1987(899)	262-7522	usurpation	enRoute	
214992938007085	11/18					
Germaine Gerke	kelvinsmith0000@yahoo.com	7/27/1983	(811) 483-4522	unsatisfied	Diners	
Club	30227236593821	10/18				
Olive Orso	brownbolo2013@gmail.com	1/20/2010	(811) 585-4901	nebuchadnezzar		
American Express	372416995586052	3/17				



# FAST Forensics

Ryann Rape	Frankbolo121@gmail.com	2/14/1998	(811) 114-6997	turgenev	Discover
6011618612311080	8/18				
Lance Lesage	mrsrabe.maxi@yahoo.in	2/21/2000	(855) 509-1320	baneful	VISA
4539082039396280	12/18				
Lois Lansing	international300@yahoo.co.uk	10/15/2009	(822) 142-6656	hacienda	American
Express	371449635398431	4/18			
Li Lesperance	alexander.dryano@yahoo.ie	5/8/2006	(855) 317-2282	wield	VISA
4485940835282020	9/16				
Lelia Lowder	terry.don@live.com	8/29/1994	(844) 070-9682	peculiar	American Express
372416995586052	3/17				
Benita Begley	telex@swlft-natwest.com	8/9/1982	(855) 923-2430	retractively	VISA 4532014495343
3/17					
Burl Brevard	info.interpol@bigmir.net	11/10/1995	(833) 732-4996	nonproportionable	
Discover	6011266320013760	10/17			
Divina Diederich	aishamummar1@yahoo.com	9/3/2004	(855) 135-3287	untabulable	MasterCard
5397964830355330	8/18				
Berry Blaylock	jamesdabeni@yahoo.com	2/4/2011	(855) 582-2644	housewifely	American Express
372523281441007	8/17				
Bennie Brantner	jamesdabeni777@gmail.com	2/22/1995	(833) 678-1197	grierson	MasterCard
5424106780864940	2/17				
Clair Chamber	f.express2015@yandex.com	10/12/1982	(811) 303-2905	noncontemptibleness	
JCB	3560777438925510	2/17			
Katina Krogh	charlesmillssarb@gmail.com	6/26/2005	(899) 314-5028	unconjured	Diners
Club	30249963622904	10/17			
Meghann Mckeown	mrsireneloeinfirml@gmail.com	10/3/2007	(833) 007-7423	walhalla	VISA
4532014495343	3/17				
Velma Veach	waleVCXakande2010@gmail.com	9/4/2010	(899) 021-1181	anymore	MasterCard
5105105105105100	2/18				
Inga Indelicato	waleakande2010@gmail.com	11/23/2007	(833) 848-8549	hesperidin	Voyager
869994992762272	10/17				
Cherly Chadd	westerntttuunnion@outlook.com	10/27/2010	(811) 544-5621	indulging	
American Express	372416995586052	3/17			
Jenine Junkins	homelandsecdpt01@mail.tj	3/6/1987	(822) 394-7178	grouping	MasterCard
5431111111111110	3/18				
Nohemi Nava	efccfile02@mail.tj	5/26/1993	(855) 903-1957	schmaltzy	MasterCard
5555555555554440	7/18				
Domingo Dewall	lbetten102@hotmail.com	10/17/2005	(811) 957-5964	zurich	Discover
6011963280099770	4/17				
Vertie Vassel	leon_hirtle11@outlook.com	1/9/1985	(833) 181-8135	trial	MasterCard
5397964830355330	8/18				
Leandra Lynam	fidelitycapitaltd@qq.com	1/5/2008	(833) 292-4617	spiritualize	MasterCard
5431111111111110	3/18				
Rodolfo Rustad	barr.lamido-ali11@yandex.com	12/22/1983	(833) 108-1550	somnambulated	Diners
Club	36780871723016	9/17			
Dania Dehaven	drpaulthibedi@outlook.com	12/13/2010	(833) 171-0456	nonfarm	American
Express	370595845057067	1/19			
Roselle Rickey	mrsmoris1100@gmail.com	7/4/1991	(833) 383-5180	tumidly	VISA 4916394257706
8/16					
Yen Yarnell	1467587340@qq.com	4/3/2011	(833) 969-7401	troubleshooter	VISA
4485983356242210	1/18				
Stella Stodola	funds.transfer@gtb-uk.co	10/9/1984	(833) 596-8042	ferberite	American Express
347681596525955	11/17				
Taisha Traver	tkonlineoffice@qq.com	6/12/2008	(899) 109-1335	engagingly	Discover
6011779351975260	7/16				

# FAST Forensics

Arnita Alix	adrianasunjay@yahoo.fr	3/31/1985	(899) 735-1178	trichromatism	JCB
3337330229108020	9/16				
Malorie Mitchum	standardcharteredbnk@mail2sat.com		2/28/1993	(855) 489-8803	bauson
MasterCard	5373098663983070	5/17			
Marquerite Matheny	gracemanda444@gmail.com		7/25/1982	(844) 002-0550	mishit VISA
4417123456789110	8/17				
Lyle Lucy	lawsonjhs@gmail.com	1/13/2009	(822) 607-9339	mudfishes	Voyager
869994992762272	9/17				
Huong Hey	thomascamp@aliyun.com	3/30/2009	(899) 653-8210	cube	MasterCard
5446882375129690	3/16				
Belle Bevill	unoffice11@qq.com	10/9/1983	(822) 095-9093	sib	VISA
4024007135532710	1/18				
Margarette Majeed	major.banqs231@hotmail.com		10/20/1987	(899) 951-4111	inheritrix
Voyager	869968951403904	7/18			
Lauran Lanning	western_union1212@hotmail.com	4/24/1999	(822) 296-6268	yuan	VISA
4532014495343	11/18				
Danna Dailey	normanchan26@gmail.com	11/24/1995	(811) 118-4391	hochheimer	
MasterCard	5599778755259860	5/17			
Lawerence Lowenthal	austinandrew200@gmail.com		3/16/2000	(844) 972-9660	bobby Voyager
869968951403904	7/18				
Glen Grimsley	brian.pha@usa.com	4/26/1995	(833) 111-2330	overservility	Discover
6011618612311080	8/17				
Judy Jone	rachaegoude0@gmail.com	5/2/1986	(833) 272-5305	parabolical	Discover
6011000990139420	9/18				
Erich Emory	carrieannebradshaw@outlook.fr	7/10/2008	(833) 230-5229	fleabane	VISA
4556934433414450	3/18				
Fredrick Fussell	dr.carrieannebradshaw@gmail.com	1/13/1996	(855) 921-6812	silverwork	JCB
3552561987643570	6/17				
Timika Tetrault	hmdabid@hotmail.com	4/14/1984	(899) 342-6732	condensate	American
Express	372416995586052	8/16			
Demetria Dietrich	terry.donn14@yahoo.com.hk		7/15/2001	(811) 045-3509	planetaria
Diners Club	38767186195160	7/18			
Catarina Carriere	terdon343@gmail.com	3/8/1982	(822) 402-6228	quadruple	Discover
6011111111111110	5/17				
Michiko Maddalena	linda_godswill@yahoo.com		5/12/1999	(855) 408-2102	avignon VISA
4417123456789110	8/17				
Cecil Culotta	shelby1@hera.eonet.ne.jp	3/26/2004	(844) 451-1931	bourne	VISA
4485997003098810	2/17				
Bula Bosse	hern54@hotmail.com	3/26/1982	(811) 863-3720	europeanize	enRoute
201401028390893	8/16				
Davis Daigle	mtw1111@katamail.com	11/18/2000	(899) 228-5476	glossatorial	MasterCard
5584398929973080	12/18				
Danae Dowd	johnrob727@aol.com	4/6/1991	(811) 742-9553	kathryn	VISA
8/17					4417123456789110
Jone Jennette	john_rob2@aol.com	1/10/1999	(899) 052-0939	cheerio	VISA
4532547106994810	8/16				
Leigha Leyba	james.comeyg11@gmail.com	1/20/2009	(822) 020-8419	naughtiest	
MasterCard	555555555554440	6/18			
Andria Aycock	t.efremidi@mail.ru	7/6/1983	(822) 482-8598	mayonnaise	Voyager
869994992762272	9/17				
Kalyn Kubacki	petrov.ringfoo@yandex.ru	2/27/2011	(855) 401-0550	unapprehensible	enRoute
214919215342737	4/16				
Zachery Zertuche	jakovlev.liasig@yandex.ru	5/26/2008	(833) 026-9657	wenona	enRoute
214992938007085	3/17				

# FAST Forensics

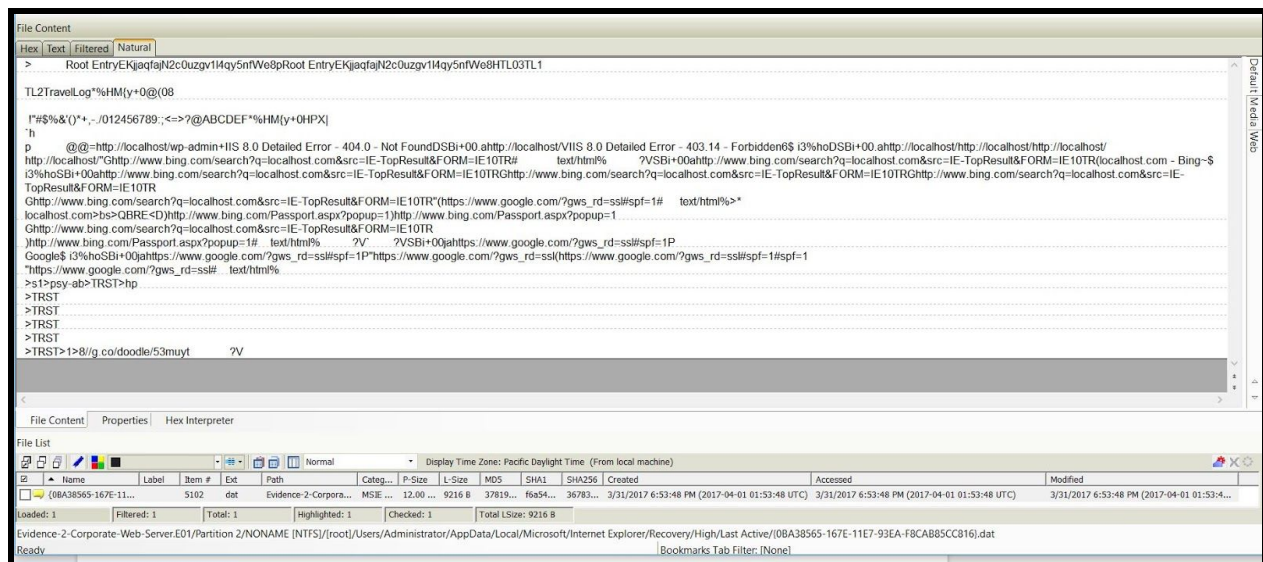
Donnette Devaughn	kostja-missbut1982@yandex.ru	7/14/2009	(844) 020-9082	precompensating
enRoute 214919215342737	4/16			
Annelle Aikens	romanmrpse@rambler.ru	12/19/1982	(822) 947-1189	quaintly VISA
4532547106994810	10/16			
Karena Kroll	danielle.synclair@gmail.com	3/14/1989	(811) 269-2054	devisal Discover
6011601160116610	8/18			
Janean Joyal	artemtmbor@rambler.ru	10/15/1991	(899) 014-1775	eurydamas MasterCard
5330416937082480	7/17			
Geri Gathings	1303736074@qq.com	10/24/1999	(822) 967-0496	medicator JCB
3552561987643570	5/16			
Alyce Ancheta	mtw1111@katamail.com	8/15/1997	(844) 446-5355	ironweed VISA
4111111111111110	11/17			
Teodoro Throop	debreaugregory@fbigov.uk.tn	8/23/1994	(833) 247-3914	sincere Voyager
869968951403904	6/17			
Noella Neeld	western.union@qq.com	1/6/1985	(899) 391-1779	vat American Express
347836551942260	12/17			
Earline Ealy	davidwhite@live.com	12/30/1987	(822) 367-8643	incommunicado MasterCard
5161520353104300	11/16			
Brenda Baldonado	metalandgemcompanylimited@gmail.com	7/2/1982	(899) 996-2517	hydroa VISA
4716624558453520	7/17			
Dianna Dublin	dada.umarul6@yahoo.com	9/30/2000	(822) 641-5655	holophrastic VISA
4556019731428	9/18			
Toccara Thor	ankiro@bredband.net	4/5/2004	(899) 471-2409	stockman MasterCard
5219780867397650	6/17			
Saran Show	samirakones@hotmail.com	2/13/2002	(811) 667-2003	homewards enRoute
214919215342737	4/16			
Arnetta Almeida	davedawes222@qq.com	2/21/1991	(811) 901-4182	orangeist enRoute
201401028390893	8/18			
Jeanmarie Jurek	fedex_delievery@aol.co.uk	8/28/2010	(822) 333-0990	haori VISA
4929858612795310	5/18			
Ming Mcshan	mr.baghdadi_alimahmudi@yahoo.co.uk	10/8/1989	(844) 616-1150	somatism
VISA 4485983356242210	3/17			
Sabina Speed	claims101@qq.com	10/31/1993	(822) 170-2742	ferneries MasterCard
5379100654649280	10/17			
Margherita Marland	balajifreightlogistics@gmail.com	12/14/2006	(822) 432-6254	clatter VISA
4532463489599	1/17			
Vincenza Voyles	jinamorgan@outlook.com	7/1/1997	(833) 986-8863	clamworm MasterCard
5269924854210550	2/18			
Rupert Raub	officew413@yahoo.it	7/24/1993	(833) 796-9567	hepworth American
Express 378734493671000	5/17			
Marlene Maria	fb_deliveryservice@yeah.net	2/23/1996	(822) 489-1318	unhurrying
American Express	371449635398431	2/18		
Theola Thurlow	dicksonleslie20@gmail.com	9/18/2000	(822) 514-8694	baroja MasterCard
5219780867397650	10/16			
Lavette Lutterman	diplomaticagent766@gmail.com	11/15/2003	(833) 814-6771	sharper
American Express	370595845057067	4/18		
Coy Castilleja	williamadams086@gmail.com	7/13/2005	(833) 775-3420	oliguria MasterCard
5424106780864940	5/16			
Jeana Juckett	jamesentwistle71@naftalie.net	3/4/1984	(811) 100-4292	karma MasterCard
5365291727659780	5/17			
Eryn Easterly	hickmanakagbor@gmail.com	10/5/1996	(822) 076-7603	overelaborated VISA
422222222222	8/17			
Bret Bevil	dj9512220@gmail.com	2/16/2008	(844) 171-9525	brannier Voyager
869955912473142	2/19			

## FAST Forensics

Carlotta Casas	mariakeona3@gmail.com	3/1/1999	(855) 006-5364	decimalize	MasterCard
5379100654649280	12/16				
Gertha Goold	rachelm62@orange.fr	1/22/1993	(833) 749-9427	fearful	MasterCard
5599778755259860	11/18				
Merle Maestas	nicolas.nancy@wanadoo.fr	8/5/1982	(833) 932-6451	nonepiscopal	MasterCard
5269924854210550	3/19				

2.7

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Item: 5102  
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L-Size: 9,216 bytes (9216 B)  
Path: Evidence-2-Corporate-Web-Server.E01/Partition 2/NONAME  
[NTFS]/[root]/Users/Administrator/AppData/Local/Microsoft/Internet  
Explorer/Recovery/High/Last Active/{0BA38565-167E-11E7-93EA-F8CAB85CC816}.dat







jakovlev.liasig@yandex.ru (833) 026-9657 wenona Donnette Devaughn kostja-missbut1982@yandex.ru (844) 020-9082 precompensating Annelle Aikens romanmrpse@rambler.ru (822) 947-1189 quaintly Karena Kroll danielle.synclair@gmail.com (811) 269-2054 devisal Janean Joyal artemtmbor@rambler.ru (899) 014-1775 eurydamas Geri Gathings 1303736074@qq.com (822) 967-0496 medicator Alyce Ancheta (844) 446-5355 ironweed Teodoro Throop debreaugregory@fbigov.uk.tn (833) 247-3914 sincere Noella Neeld western.union@qq.com (899) 391-1779 Earline Ealy davidwhite@live.com (822) 367-8643 incommunicado Brenda Baldonado# metalandgemcompanylimited@gmail.com (899) 996-2517 hydroa Dianna Dublin dada.umaru16@yahoo.com (822) 641-5655 holophrastic Toccara Thor ankiro@bredband.net (899) 471-2409 stockman Saran Show samirakones@hotmail.com (811) 667-2003 homewards Arnetta Almeida davedawes222@qq.com (811) 901-4182 orangeist Jeanmarie Jurek fedex\_delievery@aol.co.uk (822) 333-0990 haori Ming Mcshan" mr.baghdadi\_alimahmudi@yahoo.co.uk (844) 616-1150 somatism Sabina Speed claims101@qq.com (822) 170-2742 ferneries Margherita Marland balajifreightlogistics@gmail.com (822) 432-6254 clatter Vincenza Voyles jinamorgan@outlook.com (833) 986-8863 clamworm Rupert Raub officew413@yahoo.it (833) 796-9567 hepworth Marlene Maria fb\_deliveryservice@yeah.net (822) 489-1318 unhurrying Theola Thurlow dicksonleslie20@gmail.com (822) 514-8694 baroja Lavette Lutterman diplomaticagent766@gmail.com (833) 814-6771 sharper Coy Castilleja williamadams086@gmail.com (833) 775-3420 oliguria Jeana Juckett jamesentwistle71@naftalie.net (811) 100-4292 karma Eryn Easterly hickmanakagbor@gmail.com (822) 076-7603 overelaborated Bret Bevil dj9512220@gmail.com (844) 171-9525 brannier Carlotta Casas mariakeona3@gmail.com (855) 006-5364 decimalize Gertha Goold rachelm62@orange.fr (833) 749-9427 fearful Merle Maestas nicolas.nancy@wanadoo.fr (833) 932-6451 nonepiscopal [Content\_Types].xml #!MB ;c=1 \_rels/.rels theme/theme/themeManager.xml sQ}# theme/theme/theme1.xml kIX( t>.& oT:= W[@f <\_:GLDd KA,3 zF&) q}. k##7T)W{v ^gW% >APb~ P-\$y# LCud vM^c 0,yAE theme/theme/\_rels/themeManager.xml.rels 6?\$Q K(M&\$R(.1 [Content\_Types].xmlPK \_rels/.relsPK theme/theme/themeManager.xmlPK theme/theme/theme1.xmlPK theme/theme/\_rels/themeManager.xml.relsPK MbP?\_ A333333 ?333333 b/C~ [5C~ dE 0C~ 7[5C~ k-3C~ E2E3C~ M)C~ #2C~ K3C~ [5C~ k-3C~ K3C~ [5C~ b/C~ Y3C~ [5C~ Z5C~ 00C~ >)C~ [5C~ b/C~ b/C~ [5C~ >)C~ 6-C~ `V2C~ E2E3C~ Microsoft Office User Microsoft Macintosh Excel Customers Worksheets Microsoft Excel 97 - 2004 Worksheet Biff8 Excel.Sheet.8



[illegible]

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MbP?\_ 333333 ?333333 .DoITBetter@gmail.comB Sophia.DoITBetter@gmail.com .DoITBetter@gmail.comB  
Emma.DoITBetter@gmail.com .DoITBetter@gmail.comB Olivia.DoITBetter@gmail.com  
.DoITBetter@gmail.comB Isabella.DoITBetter@gmail.com .DoITBetter@gmail.comB  
Ava.DoITBetter@gmail.com .DoITBetter@gmail.comB Lily.DoITBetter@gmail.com .DoITBetter@gmail.comB  
Zoe.DoITBetter@gmail.com .DoITBetter@gmail.comB Chloe.DoITBetter@gmail.com .DoITBetter@gmail.comB  
Mia.DoITBetter@gmail.com .DoITBetter@gmail.comB Madison.DoITBetter@gmail.com  
.DoITBetter@gmail.comB Emily.DoITBetter@gmail.com .DoITBetter@gmail.comB Ella.DoITBetter@gmail.com  
.DoITBetter@gmail.comB Madelyn.DoITBetter@gmail.com .DoITBetter@gmail.comB  
Abigail.DoITBetter@gmail.com .DoITBetter@gmail.comB Aubrey.DoITBetter@gmail.com  
.DoITBetter@gmail.comB Addison.DoITBetter@gmail.com .DoITBetter@gmail.comB  
Avery.DoITBetter@gmail.com .DoITBetter@gmail.comB Layla.DoITBetter@gmail.com  
.DoITBetter@gmail.comB Hailey.DoITBetter@gmail.com .DoITBetter@gmail.comB  
Amelia.DoITBetter@gmail.com .DoITBetter@gmail.comB Aiden.DoITBetter@gmail.com  
.DoITBetter@gmail.comB Jackson.DoITBetter@gmail.com .DoITBetter@gmail.comB  
Ethan.DoITBetter@gmail.com .DoITBetter@gmail.comB Liam.DoITBetter@gmail.com .DoITBetter@gmail.comB  
Mason.DoITBetter@gmail.com .DoITBetter@gmail.comB Noah.DoITBetter@gmail.com  
.DoITBetter@gmail.comB Lucas.DoITBetter@gmail.com .DoITBetter@gmail.comB  
Jacob.DoITBetter@gmail.com .DoITBetter@gmail.comB Jayden.DoITBetter@gmail.com  
.DoITBetter@gmail.comB Jack.DoITBetter@gmail.com .DoITBetter@gmail.comB Logan.DoITBetter@gmail.com  
.DoITBetter@gmail.comB Ryan.DoITBetter@gmail.com .DoITBetter@gmail.comB Caleb.DoITBetter@gmail.com  
.DoITBetter@gmail.comB Benjamin.DoITBetter@gmail.com .DoITBetter@gmail.comB  
William.DoITBetter@gmail.com .DoITBetter@gmail.comB Michael.DoITBetter@gmail.com

.DoITBetter@gmail.comB Alexander.DoITBetter@gmail.com .DoITBetter@gmail.comB  
Elijah.DoITBetter@gmail.com .DoITBetter@gmail.comB Matthew.DoITBetter@gmail.com  
.DoITBetter@gmail.comB Dylan.DoITBetter@gmail.com M.DoITBetter@gmail.comB  
NathanM.DoITBetter@gmail.com CenterIA Microsoft Macintosh Excel Employees Worksheets



[illegible]

3.4

Name: .bash\_history

Written: 2017-04-01 06:45:03 (UTC)

2017-03-31 23:45:03 (PDT)

Accessed: 2017-04-01 06:45:03 (UTC)

2017-03-31 23:45:03 (PDT)

Changed: 2017-04-01 06:45:03 (UTC)

2017-03-31 23:45:03 (PDT)

Item: Not Applicable

Category: Evidence

P-Size: 292 bytes (0.3 KB)

L-Size: 292 bytes (0.3 KB)

Path: [/root]/.bash\_history

The screenshot shows the SuspectLaptop autopsy tool interface. The top navigation bar includes tabs for FILE ANALYSIS, KEYWORD SEARCH, FILE TYPE, IMAGE DETAILS, META DATA, DATA UNIT, HELP, and CLOSE. The main window displays a directory tree on the left and a file list on the right. The file list shows the following entries:

DIR / IN	WRITTEN	ACCESSED	CHANGED	SIZE	UID	GID	META
d / d	2017-03-31 15:16:52 (PDT)	2017-03-31 15:17:12 (PDT)	2017-03-31 15:16:52 (PDT)	4096	0	0	2
d / d	2017-03-31 23:30:05 (PDT)	2017-03-31 23:30:25 (PDT)	2017-03-31 23:30:05 (PDT)	4096	0	0	9192961
r / r	2017-03-31 23:45:03 (PDT)	2017-03-31 23:45:03 (PDT)	2017-03-31 23:45:03 (PDT)	292	0	0	9193092
r / r	2016-08-30 03:27:30 (PDT)	2017-03-31 16:58:16 (PDT)	2017-03-31 15:10:26 (PDT)	3391	0	0	9192962
d / d	2017-03-31 23:26:28 (PDT)	2017-03-31 15:25:32 (PDT)	2017-03-31 23:26:28 (PDT)	4096	0	0	9192965
d / d	2017-03-31 15:57:07 (PDT)	2017-03-31 15:26:16 (PDT)	2017-03-31 15:57:07 (PDT)	4096	0	0	9192966
d / d	2017-03-31 15:56:55 (PDT)	2017-03-31 15:56:55 (PDT)	2017-03-31 15:56:55 (PDT)	4096	0	0	9193023

Below the file list, a terminal window shows the following commands and output:

```
ifconfig
ftp 192.168.155.19
ping 192.168.150.1
rdp
rdesktop -u anthonyv 192.168.150.2
rdesktop -u anthonyv 192.168.155.19
rdesktop -u anthonyv 192.168.155.18
cd /root
ls
cat Employee\ Directory\ DITB.xls
ls /dev/sda
ls -al /dev/sda
ls -al /dev/sdb
ls -al /dev/sda1
ls -al *
history
```

Contents Of File: /1/root/.bash\_history

ifconfig

ftp 192.168.155.19

ping 192.168.150.1

rdp

```
rdesktop
rdesktop -u anthonyv 192.168.150.2
rdesktop -u anthonyv 192.168.155.19
rdesktop -u anthonyv 192.168.155.18
cd /root
ls
cat Employee\Directory\ DITB.xls
ls /dev/sda
ls -al /dev/sda
ls -al /dev/sdb
ls -al /dev/sda1
ls -al *
history
```

3.5

Name: Wired connection 1

Written: 2017-03-31 23:02:14 (UTC)

2017-03-31 16:02:14 (PDT)

Accessed: 2017-03-31 23:02:14 (UTC)

2017-03-31 16:02:14 (PDT)

Changed: 2017-03-31 23:02:14 (UTC)

2017-03-31 16:02:14 (PDT)

Item: Not Applicable

Category: Evidence

P-Size: 376 bytes (0.3 KB)

L-Size: 376 bytes (0.3 KB)

Path: [/root]/etc/NetworkManager/system-connections/Wired connection1

**Current Directory:** [/1/](#) [/etc/](#) [/NetworkManager/](#) [/system-connections/](#)

[ADD NOTE](#) [GENERATE MD5 LIST OF FILES](#)

DEL	Type	NAME	WRITTEN	ACCESSED	CHANGED	SIZE	UID	GID	META
	d / d	./	2017-03-31 15:10:07 (PDT)	2016-08-30 04:15:17 (PDT)	2017-03-31 15:10:07 (PDT)	4096	0	0	<a href="#">5515798</a>
	d / d	..	2017-03-31 16:02:14 (PDT)	2017-03-31 15:25:35 (PDT)	2017-03-31 16:02:14 (PDT)	4096	0	0	<a href="#">5515810</a>
	r / r	<a href="#">Wired connection 1</a>	2017-03-31 16:02:14 (PDT)	2017-03-31 16:02:14 (PDT)	2017-03-31 16:02:14 (PDT)	376	0	0	<a href="#">5517442</a>
✓	r / r	<a href="#">Wired connection 1 764EVV</a>	2017-03-31	2017-03-31	2017-03-31	376	0	0	<a href="#">5517442</a>

Contents Of File: /1/etc/NetworkManager/system-connections/Wired connection 1

```
[connection]
id=Wired connection 1
uuid=3f9ed4f8-b830-4551-951b-a53b3155e175
type=ethernet
permissions=
secondaries=
timestamp=1490999201

[ethernet]
mac-address-blacklist=

[ipv4]
address1=150.147.230.134/24,150.147.230.1
dns=8.8.8.8;
dns-search=
method=manual
route=150.147.230.28/24,150.147.230.1
```

Contents Of File: /1/etc/NetworkManager/system-connections/Wired connection 1

[connection]

id=Wired connection 1

uuid=3f9ed4f8-b830-4551-951b-a53b3155e175

type=ethernet

permissions=



secondaries=  
timestamp=1490999201

[ethernet]  
mac-address-blacklist=

[ipv4]  
address1=150.147.230.134/24,150.147.230.1  
dns=8.8.8.8;  
dns-search=  
method=manual  
route1=150.147.230.28/24,150.147.230.1

[ipv6]

3.6

Name: Wired connection 1.GK4EXY

Written: 2017-04-01 23:02:14 (UTC)

2017-03-31 16:02:14 (PDT)

Accessed: 2017-04-01 23:02:14 (UTC)

2017-03-31 16:02:14 (PDT)

Changed: 2017-04-01 23:02:14 (UTC)

2017-03-31 16:02:14 (PDT)

Item: Not Applicable

Category: Evidence

P-Size: 376 bytes (0.3 KB)

L-Size: 376 bytes (0.3 KB)

Path: [/root]/etc/NetworkManager/system-connections/Wired connection 1.GK4EXY

**Current Directory:** [/1/](#) [/etc/](#) [/NetworkManager/](#) [/system-connections/](#)

[ADD NOTE](#) [GENERATE MD5 LIST OF FILES](#)

DEL	Type	NAME	WRITTEN	ACCESSED	CHANGED	SIZE	UID	GID	META
	d / d	..	2017-03-31 15:10:07 (PDT)	2016-08-30 04:15:17 (PDT)	2017-03-31 15:10:07 (PDT)	4096	0	0	<a href="#">5515798</a>
	d / d	..	2017-03-31 16:02:14 (PDT)	2017-03-31 15:25:35 (PDT)	2017-03-31 16:02:14 (PDT)	4096	0	0	<a href="#">5515810</a>
	r / r	<a href="#">Wired connection 1</a>	2017-03-31 16:02:14 (PDT)	2017-03-31 16:02:14 (PDT)	2017-03-31 16:02:14 (PDT)	376	0	0	<a href="#">5517442</a>
✓	r / r	<a href="#">Wired connection 1.GK4EXY</a>	2017-03-31	2017-03-31	2017-03-31	376	0	0	<a href="#">5517442</a>

ASCII ([display - report](#)) \* Hex ([display - report](#)) \* ASCII Strings ([display - report](#)) \* [Export](#) \* [Add Note](#)

File Type: ASCII text

**Deleted File Recovery Mode**

```

[connection]
id=Wired connection 1
uuid=3f9ed4f8-b830-4551-951b-a53b3155e175
type=ethernet
permissions=
secondaries=
timestamp=1490999201

[ethernet]
mac-address-blacklist=

[ipv4]
address1=150.147.230.134/24,150.147.230.1
dns=8.8.8.8;
dns-search=
method=manual
route1=150.147.230.28/24,150.147.230.1

```

Contents Of File: /1/etc/NetworkManager/system-connections/Wired connection 1.GK4EXY

[connection]

id=Wired connection 1

uuid=3f9ed4f8-b830-4551-951b-a53b3155e175

type=ethernet

```
permissions=  
secondaries=  
timestamp=1490999201
```

```
[ethernet]  
mac-address-blacklist=
```

```
[ipv4]  
address1=150.147.230.134/24,150.147.230.1  
dns=8.8.8.8;  
dns-search=  
method=manual  
route1=150.147.230.28/24,150.147.230.1
```

```
[ipv6]  
addr-gen-mode=stable-privacy  
dns-search=  
ip6-privacy=2  
method=auto
```

### Appendix Project Team and Resumes

---

Forensics is an operational unit within FAST that specializes in data acquisition, incident response, and file recovery.

***The Forensic's team skillsets are similar to those employed by national consulting firms. These individuals have extensive technical and business backgrounds.*** Their knowledge is validated by various security oriented courses in the California Polytechnic State University Computer Information Systems curriculum including:

- Computer Forensics CIS 481

- Network Security CIS 467

- Internet Security CIS 471

Patrick Mulvey  
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(562) 298-6709 | patrickmulvey@hotmail.com

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**Date available to begin work:** June 2017

**Education:** California Polytechnic State University, Pomona. Graduating June 11, 2017.

- Bachelor of Science in Business Administration, current GPA is 3.4
- Double Major: Computer Information Systems and E-Business, with emphasis in Information Assurance

**Awards and Honors:**

- Eagle Scout, earned in Troop 21 of Long Beach Area Council April 25<sup>th</sup> 2012
- Dean's List and President's List academic honors from California Polytechnic State University, Pomona

**Academic Events:**

**ITC** (Information Technology Competition), IT Strategy Competition, April 2016

- Graduate level assignment, acted as IT consults for a fictional firm to evaluate their MDM Policy.
- Submitted response to Request for a Proposal, presented to judges.

**HackPoly**, February 2017

- 24-hour hackathon with the goal of creating a new product and presenting to judges.
- Created a script that would hack into a specific brand of Wi-Fi remote controlled drones and give a command shell, as well as ability to de-authenticate drone from host.

**Academic Affiliations**

- SWIFT, Students With an Interest in Future Telecommunications Club, September 2015 – Present
- FAST, Forensics And Security Technology Club, September 2016 – Present

**Experience:**

**Tech Specialist**, University Village Tech Center, Pomona, CA. (April 2016 – )

- Respond to IT work orders and operate a technology help desk for students.
- Assist Technology Manager with any projects.
- Hold technology related events for residents, such as LAN Parties and workshops.

**Internship:** IT/Security Specialist, Business Data Links, Pomona, CA. (January 2016 – June 2016)

- Perform daily checks of customer's servers for viruses, warnings, and errors.
- Create and respond to tier 1 tickets for errors.
- Assist CIS 307 students with their telecommunications projects.
- Also help with setup of devices (monitors, printers, etc.)

**Director**, Camp Tahquitz, Angelus Oaks, CA. (June 2016 – August 2016)

- Director of the Nature Program area and staff during the summer camp session.
- Made sure program ran smoothly, assisting and supplying staff when necessary.
- Managed scheduling of staff and troop conservation projects.
- Taught classes to scouts on Environmental Science and Plant Science.

Kirk Hofmeister  
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(909) 345 4986 | [lrsd@protonmail.com](mailto:lrsd@protonmail.com)

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**Date available to begin work:** June 2017

## Education:

California State Polytechnic University- Pomona: Bachelor's of Science in Computer Information Systems/  
Information Assurance: 2014-Spring 2017 GPA: 3.25

## Clubs:

- SWIFT Students with an Interest in Future Technology: 2015-current
- Designed a lab to assist members in learning SDN concepts in relation to Network Security.
- Participated in the National Cyber League during Fall 2016 and Spring 2017.
- FAST Forensics and Security Technology: 2016- current
- Participated in several Capture The Flag competitions both individually and in a team.
- Prepared and presented a workshop on Wifi-phishing
- Participated in Cal Poly Pomona's Information Technology Competition on the Forensics team.

## Skills:

- Knowledge of OSI/ TCP/IP models.
- Experience troubleshooting Cisco equipment
- Experience with Hadoop, MySQL, Java, and Python programming.
- Knowledge and experience troubleshooting Windows, Mac, and multiple Linux Distributions.
- Experience in setting up virtual networks using VM software from several vendors.
- Troubleshooting SDN controller setups (OpenDaylight, HPE VAN).

## Projects:

- Hadoop Presentation (Spring 2017): I will be presenting a presentation during Cal Poly Pomona's Tech Symposium introducing students and to anyone attending the basics of the Hadoop framework. Along with a demonstration the topics will include MapReduce, Hbase, HIVE, and PIG.
- Watson Cybersecurity Project (Winter 2017- Present): Currently working within the Watson platform to help it better understand the problems of cybersecurity. In talking and collaborating with other classmates and IBM representatives, the project is focused on recognizing potential problems in the technology and how to improve it for real-world use.
- SDN IDS (Fall 2016): Successful implementation of Security Onion in monitoring a network interface in order to provide monitoring and IDS functions to a SDN network.

Karter Rohrer

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**Date available to begin work:** June 2017

## **PROFESSIONAL SKILLS**

### **Technical Skills**

**Forensics:** Experienced with FTK, Encase, Santoku Mobile Forensics, and brute force tools

**Networking:** Experienced with SDN, ESXI, Vmware, Apache, and Tomcat

**Penetration Testing:** Experienced with Nmap, Kali Linux, Metasploit, and Denial of Service testing

**Programming:** Advanced Java, HTML5, XML, and basic python

**Vulnerability Assessment:** Experienced with OWASP Zap, Nikto, Google Skipfish, W3af, and Nessus

**Vulnerability Knowledge:** Knowledgeable about Java Deserialization, Buffer Overflow, Cross-Site-Scripting, and Injection

## **PROFESSIONAL WORK EXPERIENCE**

### **IT Security Intern**

**NASA Armstrong Flight Research Center**, 4800 Lilly Dr., Edwards, CA 93523

**Employer:** NASA

**Mentor:** Dennis DaCruz (661) 276-3779

**Salary:** GS-6 \$40,000

**Hours per week:** 40

**Co-Op Internship:** March 2016-September 2016

- Analyzed NASA web-services for vulnerabilities
- Coded several web-pages on the ARMD Data Management Portal
- Conducted a three-week penetration test of a major web-server outlining critical configuration issues
- Discovered several zero-day vulnerabilities and contacted staff to implement immediate patches
- Provided bring your own device (BYOD) security training for 250 employees
- Provided vulnerability research and documentation for the agency
- Served as the center POC for the agency HTTPS conversion
- Served on the ARMD Data Management HDF5 development team
- Wrote a Java algorithm that tests web-servers for denial of service
- Wrote a Java algorithm to apply AES 256 encryption to web services
- Wrote a Java algorithm to encrypt all file types with AES 256 encryption
- Wrote an encryption validation class to ensure decryption didn't corrupt data

### **Research in Operations Intern**

**NASA Armstrong Flight Research Center**, 4800 Lilly Dr., Edwards, CA 93523

**Employer:** USRA

**Mentor:** Ronald Ray (661) 816-9019

**Salary:** \$6,000

**Hours per week:** 40

## **FAST Forensics**

### **Summer Internship: June 2015 - Aug 2015**

- Analyzed naming conventions from the SOFIA program, DC8, and Aero institute as well as various department of defense programs
- Assigned each unique document a specific number
- Created an organizational structure for the data categories modeled after the SOFIA and other programs
- Developed a standardized naming convention of project data for 400 types of administrative documents
- Developed an alpha-numeric naming system to identify and locate files
- Met with numerous branch chiefs and project managers to identify information and create a base format for documents
- Researched off the shelf software packages and in-house coding capabilities to determine cost-effective implementation

### **EDUCATION**

#### **Pursuing Bachelors of Computer Information Systems, September 2015 – December 2017**

California Polytechnic University Pomona, Pomona, CA, GPA 3.2

#### **Associates of Computer Science, September 2013-March 2015**

Bakersfield College, Bakersfield, CA, GPA 3.4

### **TRAINING**

**HTCIA International Conference** – 36 hours of mobile forensics training

**NASA Certified Strategic Management** – 40 hours of strategic management training

**Lethal Penetration Testing 101** – 8 hours of hands-on penetration testing course

**Lethal Penetration Testing 102** – 8 hours of hands-on penetration testing course



Raissa Engelhard  
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(909) 753-5367 | Ryengelhard@cpp.edu

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**Date available to begin work:** June 2017

## EDUCATION

**California State Polytechnic University, Pomona** Expected Graduation Date: Spring 2018

Bachelor of Science in Business Administration; Computer Information Systems

Emphasis in Application Development

Relevant Coursework:

CIS 481: Computer Forensics

## CAMPUS ACTIVITIES

### Collegiate Cyber Defense Competition (C.C.D.C.)

Linux team member

- Working knowledge of Debian and Fedora
- Working knowledge of Nginx, Apache
- Working knowledge of Python and Bash scripting

### Students with an Interest in the Future of Technology (S.W.I.F.T.)

Marketing Team, Elected Board Position

- Led communication for the marketing team to design promotional flyers used for events and club related activities

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## WORK EXPERIENCE

### Student Assistant, Cal Poly Security Information Office, Pomona, CA

- Experience with CMS Cascade
  - HTML, CSS, JavaScript
-

Howard Phan

<https://www.linkedin.com/in/howard-phan-033218aa/>

(714) 390-1719 | Phan.Howard@gmail.com

---

**Date available to begin work:** June 2017

## SUMMARY

College student seeking a position in Digital Forensics and Cyber Security with the opportunity for advancement within the company. Interested in the field and looking to better myself within my career. Willing to learn and improve my skillsets to contribute to the organization's Computer information and Systems Security objectives.

## EDUCATION

California State Polytechnic University, Pomona      March 2017 Bachelor of Science in Business Administration, Emphasis in Computer and Information Systems Security/Information assurance

## RELEVANT COURSEWORK

- Fundamentals of Computer Information Systems
- Computer Forensics
- Internet Security
- Management Information Systems
- Business Telecommunications
- Database Design and Development

## TECHNICAL SKILLS

- Digital/Mobile device Forensics
- Digital Evidence Preservation
- Data Recovery
- Guidance Software Encase Forensics
- Access Data Forensic Tool Kit
- Kali Linux

## AFFILIATIONS

Forensic and Security Technology, Vice President of Forensics

Cal Poly cyber security club consisting of 100 students      September 2016-March 2017

## INDIVIDUAL PROJECTS

Conducting research involving computer forensics and security

- Facilitated a Workshop related to Signature Analysis and File recovery.
- Workshop consisted of Foremost and Scalpel which are open source tools available through the Kali Linux Operating System.

Presented a Chip-off forensics demonstration on a Hard drive

- Demonstrated how and when to utilize a chip off in the case of a damaged PCB.
- Transferred the PCB board BIOS from the damaged board onto a new board.

Research of the open source forensics tool Foremost

- Initially a personal project to see what type of data is retrievable using the foremost tool.
- Introduced the findings and the tool to the Forensic and Security Technology Club and turned it into a workshop.

Assisting in the development of a CTF competition

## **FAST Forensics**

- Presented by the Forensics and Security Technology Club.
- Created conceptual and interactive questions for the digital forensics category.

### **ACADEMIC PROJECTS**

IBM QRadar Security Intelligence Platform Senior Project, Project Lead January 2017-March 2017

- Worked with a team of 6 students to set up and configure Risk Manager in the student SOC.
- Provided a proof of concept for configuration of accounts for Cisco and Alcatel networking hardware that will be used in the production QRadar environment.

### **AWARDS AND CONFERENCES**

Cyber Security and Awareness Fair October 2016

- Represented Forensic and Security Technology as the Vice President of Forensics.
- Discussed to attendees what the club is about and what our interests are.
- Demonstrated workshops related to Digital Forensics and Forensic Sciences.