

**MASSACHUSETTS INSTITUTE OF TECHNOLOGY  
POLICE DEPARTMENT**



Press Log

January 1 - 6, 2011

Date & Time Reported	Inc Type	Date & Time Occurred	Address	Comments	Disposition
2011-01-06 14:20:45.0	ARREST	2011-01-04 15:26:00.0	24 LEE STREET	SUSPECT ARRESTED BY MIT OFFICERS FOR BREAKING AND ENTERING AT 21 AMES STREET. AARON SWARTZ, NO KNOWN ADDRESS.	ARREST MADE
2011-01-05 17:02:52.0	LARCENY	2011-01-05 17:02:00.0	M13 / 105 REAR MASSACHUSETTS AVE	SECTOR 3 TAKES A REPORT OF A STOLEN LAPTOP.	CLOSED
2011-01-05 15:28:31.0	LARCENY	2011-01-05 15:28:00.0	M18 / 21 REAR AMES ST	SECTOR 3 TAKES A LARCENY REPORT OF AN IPOD.	CLOSED
2011-01-03 09:34:47.0	LARCENY	2010-12-29 12:30:00.0	M32 / 32 VASSAR ST	CALLER STATES A PACKAGE THAT WAS RECEIVED HAS BEEN STOLEN. SECTOR 3 RESPONDING	CLOSED

NO REPORTS OF RESIDENTIAL FIRES

R I F

(b)(6),(b)(7)(C) said that (b)(6) was introduced to (b)(6),(b)(7)(C) by email and that he offered to work with (b)(6),(b)(7)(C) on an article about Sprout & Co. (b)(6),(b) said that (b)(6),(b) runs Sprout & Co. (b)(6),(b) said that Swartz gives money to hacker spaces like Sprout & Co.

(b)(6),(b)(7)(C) said that (b)(6) also spoke with Swartz after the search of his residence. (b)(6),(b)(7)(C) said that Swartz told (b)(6) that agents came into his house and took part of his book. (b)(6),(b) said that Swartz also said that agents came into the Safra Center and took his controller for Rock Band. (b)(6),(b) said that Swartz told (b)(6) that the agents were frustrated and that they did not find what they were looking for. (b)(6),(b) said that Swartz told (b)(6) that the agents took his phones.

(b)(6),(b)(7)(C) stated that (b)(6) had stayed at Swartz's residence at 950 Massachusetts Avenue in Cambridge Massachusetts as recently as the week before. (b)(6),(b) stated that she (b)(6),(b)(7)(C) said that Swartz tried a project back in 2009 to stay off line for a month. (b)(6),(b)(7)(C) claimed that after that, Swartz usually did not keep computers at home.

(b)(6),(b)(7)(C) said that she was with Swartz at an (b)(6),(b)(7)(C) said that Swartz and (b)(6),(b)(7)(C)

(b)(6),(b)(7)(C) said that Swartz did not like the journal system and that he felt for researchers in India. (b)(6),(b)(7)(C) said that Swartz started a Google Group called Guerilla Open Access and that he posted the Guerilla Open Access Manifesto.

PROFESSIONALLY  
MANAGED BY  
ER & ASSOCIATES, INC.  
MASSACHUSETTS AVENUE  
CAMBRIDGE, MA 02140  
617-354-6480

..11

(b)(6),(b)(7)(C)

(b)(6),(b)(7)(C)

(b)(6),  
(b)(7)  
(C)

(b)(6),  
(b)(7)  
(C)

(b)(6),(b)  
(7)(C)

(b)(6),(b)(7)(C)

(b)(6),  
(b)(7)(C)

(b)(6),(b)(7)(C)

(b)(6), (b)(7)  
(C)

(b)(6), (b)(7)  
(C)

(b)(6), (b)(7)(C)

(b)(6), (b)(7)  
(C)

(b)(6), (b)(7)(C)

(b)(6), (b)(7)(C)

(b)(6), (b)(7)(C)

SECRET  
14-00000

SECRET

12



EXERCISE OF CONDUCT BY  
THE UNITED STATES

UNITED STATES  
SIA 4129

(b)(6), (b)(7)(C)

(b)(6), (b)(7)(C)

(b)(6), (b)(7)(C)

(b)(6), (b)(7)(C)

(b)(6), (b)(7)(C)

(b)(6), (b)(7)(C)

(b)(6), (b)(7)(C)

(b)(6), (b)(7)(C)

(b)(6), (b)(7)(C)

CambridgeMA.gov

Search



Living Working Visiting



FISCAL AFFAIRS

Print-friendly version

Back to the Show Property Details

Property Database Search Results

360 Mass Ave, Unit (b)(6)

Property Information:

Property Class: CONDOMINIUM  
 State Class Code: 102  
 Zoning (Unofficial):  
 Map/Lot: 120-40-S20  
 Land Area: 0

Property Values:

Year of Assessment: 2011  
 Tax District: R12  
 Residential Exemption: No  
 Building Value: \$308,600  
 Land Value: 80  
 Assessed Value: \$308,600  
 Sale Price: \$257,800  
 Book/Page: 32554/ 443  
 Sale Date: March 26, 2001  
 Previous Assessed Value: \$308,500

Owner Information:

Owner(s): (b)(6).(b)(7)(C)

Building Information:

Condominium Building Number 1

EXTERIOR:

Style: APARTMENT  
 Number of Stories: 1  
 Floor Location: 3  
 View: Average

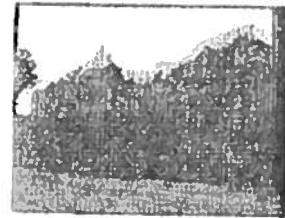
INTERIOR:

Living Area: 596  
 Total Rooms: 3  
 Bedrooms: 1  
 Kitchens: Full Above  
 Full Baths: 1  
 Half Baths: 0  
 Fireplaces: 0  
 Flooring: Hardwood  
 Layout: Corner Unit  
 Laundry In Unit: N

SYSTEMS:

Heat Type: Forced Air

CONDITION & GRADE:



Click on Photo to view larger image.

Related Information:

- GIS Map of this Property
- Show PDF Map
- Taxes

Comparable Sales Search

*This page contains much of the information used by the City of Cambridge to assess properties. The purpose of this information is to be used only for ad valorem taxation purposes and any other use is therefore not valid.*





### Dwelling and Storage Locker Description

950 Massachusetts Avenue in Cambridge Massachusetts has three streets that abut the property, Massachusetts Avenue, Bay Street and Green Street. 950 Mass Ave is also known as the Bay Square Condominiums. It contains 109 residential and 4 commercial condominium units. The main entrance to the building is from Massachusetts Avenue. Upon entering the front door there is a foyer between doors that contain a list of resident's last name that show a door bell number for the resident. The door bell numbers do not reflect the actual unit number of the resident. Door bell number (b) has the name Swartz on it.

The building has two lower levels and seven stories above ground on the Massachusetts Avenue side of the building. The two lower levels are garages known as lower garage and upper garage. Floor one is the ground level floor when entering from the Massachusetts Avenue side of the building. The six floors above that are floors 2 through 6 and the 7<sup>th</sup> floor is referred to as the Penthouse floor.

Unit (b) Swartz is located on the third floor. It has a dark brown wood grained door with the number (b)(8),(b)(7)(C) attached to it just above the peep hole. It is described as a 586 square foot three room one bedroom, one bathroom corner unit condominium. Aaron Swartz is the listed tenant of unit (b)(8). The owners of the unit are listed as (b)(8),(b)(7)(C)

There are storage lockers located on the following levels, lower garage, upper garage, first floor and penthouse floor (aka 7<sup>th</sup> floor). The storage lockers can be described as large locked cages. The occupants place their own locks on the locker doors. Unit (b) is deeded and assigned locker (b) which is located on the first floor in a room behind the front concierge desk. The locker is marked with the letter and numeral (b)(8),(b)(7)(C)

950 Massachusetts Avenue aka Bay Square Condominiums is managed by Thayer and Associates located at 1812 Massachusetts Avenue Cambridge, MA 02140 with a telephone number of 617-354-6480.



CJISWeb Printout Generated On: 01/15/2011 17:56:53

By User: (b)(6),(b)(7)(C)

MA Crim. Hist. (BOP)

Original Query: NAME: SWARTZ, AARON DOB: 11/08/1986 BOP Date 01/15/2011 5:56PM Notification: Y

\*\*\*\*\* WARNING \*\*\*\*\* WARNING \*\*\*\*\*
THIS INFORMATION IS CORI. IT IS NOT SUPPORTED BY FINGERPRINTS.
PLEASE CHECK THAT THE NAME REFERENCED BELOW MATCHES THE NAME AND DATE OF BIRTH OF THE PERSON REQUESTED.

\*\*\*\*\* COMMONWEALTH OF MASSACHUSETTS \*\*\*\*\*
CRIMINAL HISTORY SYSTEMS BOARD

\*\*\* PERSONS COURT SUMMARY \*\*\*

NAM: SWARTZ, AARON H FORMAL-NAM: AARON PCF: 00005175807
DOB: 11/08/86 SEX: M RAC: W POB: IL SSN: (b)(6),(b)(7)(C)
MOM: POP: HGT: 506 WGT: 130 HAI: BLK EYE: BRO
ADDRESS: (b)(6),(b)(7)(C)
COMMENTS:

\*\*\*\*\* ADULT APPEARANCES \*\*\*\*\*

ARRAIGNMENT: (0001)
ARG-DATE: 01/07/11 PD: MIP COURT: CAMBRIDGE DISTRICT DKT#: 1152CR000073A
OFF: B&E DT W/I COM FEL B&E DT W/I FEL
DISP: C 2/22/11 STATUS: O WPD:

ARRAIGNMENT: (0002)
ARG-DATE: 01/07/11 PD: MIP COURT: CAMBRIDGE DISTRICT DKT#: 1152CR000075A
OFF: B&E DT W/I COM FEL B&E DT W/I FEL
DISP: C 2/22/11 STATUS: O WPD:

\*\*\*\*\* END OF ADULT APPEARANCES \*\*\*\*\*

REQUESTED BY: (b)(6),(b)(7)(C) WM08691HOZ
COMPLETED BY:
AGENCY: CAMBRIDGE POLICE DEPARTMENT

This is Criminal Offender Record Information (CORI) and access and dissemination of said information is under the authority of Massachusetts General Law Chapter 6 Sections 168-172 and Code of Federal Regulations (28 CFR 20.2). Only authorized persons in the performance of their official duties may access, use or disseminate this information for official and lawful criminal justice purposes. Questions concerning the access, use or dissemination of this

Massachusetts Criminal Justice Information Services (CJIS)
260 Arlington Street, Suite 2200
Chelsea, MA 02150
CJIS Operations: 617-660-4620

information should be directed to the Massachusetts Criminal Justice  
Information Services Division of the Criminal History Systems Board at  
617-660-4710.

**CJISWeb Printout Generated On: 01/15/2011 17:56:53**

**By User:**

(b)(6),(b)(7)(C)

D4Doc18 ([REDACTED] web1inks).txt  
http://en.wikipedia.org/wiki/[REDACTED]  
http://www.wired.com/topics/[REDACTED]  
http://www.[REDACTED].com/said/  
http://www.thefullwiki.org/[REDACTED]



CambridgeMA.gov

Cambridge City Viewer



Base Map 2010 Photo
Scale 1" = 100'

Property ID	Address	Unit	Land Use
120-40-1A	950 MASS AVE #1A	1A	CONDOMINIUM
120-40-1B	950 MASS AVE #1B	1B	CONDOMINIUM
120-40-1C	950 MASS AVE #1C	1C	CONDOMINIUM
120-40-2A	950 MASS AVE #2A	2A	CONDOMINIUM
120-40-2B	950 MASS AVE #2B	2B	CONDOMINIUM
120-40-2C	950 MASS AVE #2C	2C	CONDOMINIUM
120-40-3A	950 MASS AVE #3A	3A	CONDOMINIUM
120-40-3B	950 MASS AVE #3B	3B	CONDOMINIUM

114 selected To Making Labels To Spreadsheet

Property Info	Sales History	Property Images
Print		
Property ID 120-40-1A PID 9023 Address 950 MASS AVE #1A Land Use CONDOMINIUM Land Area 0.95 acres / 41352 sq ft Living Area 678 sq ft Property Card Recent Comparative Sales		



(b)(6), (b)(7)(C)

CAD

VSSS

(b)(6), (b)(7)(C)

STATE OF A.W.

~~PHOTO FRONT BUILD~~

(b)(6), (b)(7)(C)

1817 PM

PANTS OFF HD - (LAPTOP ?)

(b)(6), (b)(7)(C)

ISTON - LIBRARIES  
VALUE

VIDEO WWS - TX

Page 2 - 2 DAY FROM X  
LAPTOP CONCERN

US Attorney

(b)(6), (b)(7)(C)

J-SPON

SEP = ghost-laptop  
OCF = ghost-macbook

MULTIPLE COMPUTERS DOWNLOADING

LATE SEPT - STOP-IT from (b)(6), (b)(7)(C) LIBRARY

10/7  
8  
9

(MACBOOK)  
GHOST LAPTOP IN DHCP LOGS IN BUG 16  
REGISTERED AS GUEST

001 00:17:FL = APPLE

15.2.55

MIT REGISTRATION  
BDC  
1b

VISITOR REGISTRATION - HARROWER?

GANT HOST ghost42 @ mailinator.com CHISEL BY SP  
MAILINATOR.COM

OCTOBER 1	10:00	10/2 10:20 CITIZENSHIP MAC ADDRESS	9/24	10:15
OCTOBER 8	10:15			

FRIDAY NIGHTS

10/2 10:20 CHANGES MAC ADDRESS  
THRU 10/7

10/8 22:18

10/9 2 COMPUTERS IN USE CONNECTED  
BUT NOT ABLE TO ACCESS J-STON

AROUND DEC 19

IP

(b)(6), (b)(7)(C)

NO REGISTRATION OR DHCP

EXPECTED RANGE IN BUILDING

SELF-ASSIGNS IP

USES FROM SUBNET MASK & WIRELESS #15

(b)(6), (b)(7)(C)

COMMUNICATE  
CONSOLE

(b)(6), (b)(7)(C)

STORE ON AMAZON @ ECT

(b)(6), (b)(7)(C)

= JSTON

(b)(6), (b)(7)(C)

HOUSE?

5000+ HITS

12/24 1500

REQUESTS FROM

(b)(6), (b)(7)(C)

TO JSTON

1/6 12:51

CONNECTS TO AMAZON FROM BLOG Y

CLOUD SERVICES

WAS TO USE DHCP IN BLOG Y

ACCESS TO JSTOR JUST BY BEING ON 18.KK  
(MIT NETWORK)

- 1/4 (b)(6),(b)(7)(C) IDENTIFIES BASEMENT ROOM  
01-49 NOTIFIES COLLEAGUES BY EMAIL

- FOUND BY (b)(6),(b)(7)(C) IN AM

GHOST-LAPTOP OR GHOST-MACBOOK

CHANGED MAC ADDRESS BY ONE LETTER TO RESUME

004C E5A0 C756 MAC ADDRESS OF COMPUTER ON  
1/4 - SPOOFED

AVOIDS REGISTRY IN DEC - NOTED 1/4

FALSE NAME + EMAIL (MAILMATION)

MAC SPOOFING

15HT 160 HAS @ 658.00

(b)(6),(b)(7)(C)

- MIDDLESEX AOA



(b)(6), (b)(7)(C)

1/4 PACKET CAPTURES AROUND 830 AM

EXPANDING

COMMANDS FROM SECURE SIGNAL?

COMMANDS IN/OUT

(b)(6), (b)(7)(C)

JSTON - 1997

\$435,000 SINCE 1997 ARCHIVE CAPITAL  
PCE

50,000 PER YEAR MAINTENANCE

ALL COLLECTIONS EXCEPT #9

ARCHIVE

TIER'S OF SERVICE BASED ON SIZE OF COLLEGE/INSTITUTION

IP FILTER ACCESS

ON TRAU GATEWAY (IF OFF CAMPUS)

MITNET - RULES OF USE

IMPACT ON LIBRARIES WHEN JSTON SHUT DOWN

3 REPORTS

1) SHUT DOWN CAMPUS

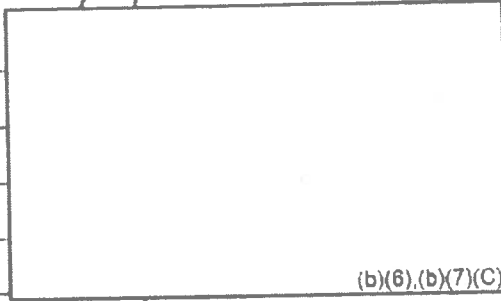
2) "

" CLASS B AROUND BUILDING

JSTON PARTICIPANTS LIST

HARVARD NEEDS PEN 2596

1/7/11 14:30



SIPB W20-557

AT SIPB LEFT RETURNED 16:30

OTHER STUDENTS FILLED IN

CONTACTED

(b)(6)(b)(7)(C)

STARTED 12:43 SIPB DOOR SENSOR LOG

CHECKED EMAIL FROM LAPTOP

ENTERED ROOM SAT LEFT OF CENTRAL  
TABLE

AFTER 1:30 S/P ENTRIES

ASKED TO USE NETWORK DROP

SAT UNDER GLASS / WHITEBOARD ~~SEAT~~  
NEXT TO A ON RIGHT

SAT IN FRONT OF ADJACENT SOFA IN  
OFFICE CHAIR

WHITE OR GRAY <sup>NET</sup> NETBOOK (SMALL ONE) +  
FLOPPY HARD DRIVE

ANOTHER STUDENT CAME IN W/ QUESTION

- DO YOU NEED ANYTHING? - NO

(b)(6)(b)(7)(C)

WORKING ON NETBOOK

I'M LEAVING IN A FEW YOU'RE LOCKING UP

(b)(6)(D)  
(7)(C)

LEAVES AROUND 13:50

(b)(6), (b)(7)  
(C)

LEAVES AT 14:00 - ABOUT 10  
LOCKS DOOR

RETURNED TO STPB 18:30 - 15:45  
FAST CAMPUS

(b)(6) (b)(7)(C)

DARK HAIR LONGISH STRAGGLY  
THIN

KNIT CAP - BLACK

DARK JACKET

WILLING TO DO PHOTO ANWAY



# REPORT OF PHOTO ARRAY IDENTIFICATION PROCEDURE

(Side 2 of 2)

Case # 11000351

Date 01/14/2011

Police Dept. MIT POLICE

Time 1630 hrs

Identifying Witness (name & DOB)

[Redacted] (b)(6), (b)(7)(C)

(b)(6), (b)(7)(C)

### Advertisements to Witness Before Presentation

1. I am going to show you a group of individuals who are in random order.
2. The person who committed the crime may or may not be included, so you should not feel compelled to make an identification.
3. It is just as important to clear innocent people as it is to identify possible perpetrators.
4. Whether or not you identify someone, the police will continue to investigate.
5. After you are done, I will not be able to provide you with any feedback or comment on the results of the process.
6. Please do not discuss this identification procedure or the results with other witnesses in this case or with the media.
7. Think back to the time of the event, the place, view, lighting, your frame of mind, etc. Take as much time as you need.
8. People may not appear exactly as they did at the time of the event, because features such as clothing and head/facial hair are subject to change.
9. (Sequential Only) I will show you one person at a time, and cannot tell you how many people there are in total. I will show you all of the people, even if you identify someone earlier. As you finish looking at each person, let me know.
10. As you look at each person, if you see someone that you recognize, please tell me how you know the person, and in your own words, how sure you are of the identification.

Identification made: Yes  No  If Yes, letter/order # selected:

### Witness Identification Statements

\_\_\_\_\_

Id Given

\_\_\_\_\_

(b)(6), (b)(7)(C) \_\_\_\_\_ page form. Please complete and sign the first side also.

Conducting Officer signature \_\_\_\_\_ Date 1/14/2011

(b)(6), (b)(7)(C) \_\_\_\_\_ Date 2011-01-14





Swartz, Aaron.jpg

RIF



CAMBRIDGE POLICE DEPARTMENT - IDENTIFICATION UNIT

5 Western Avenue, Cambridge, MA 02155

PHOTO ARRAY FORM

Investigator's Copy

File #: 11-000351 (CPD 11-000078)

DATE REQUESTED (mm/dd/yyyy):
DATE COMPOSED (mm/dd/yyyy):
DETECTIVE REQUESTING ARRAY:

1/11/2011
1/11/2011
MIT Det (b)(6),(b)(7)(C)

COPIES NEEDED:

COLOR: [X] BLACK & WHITE: [ ]
1

SUSPECT INFORMATION:

Name:
Race:
Sex:
Date of Birth (MM/DD/YYYY):

Aaron Swartz
White
Male
11/8/1986

Indicate Name and Date of Birth for each picture letter used in the photo array

Table with columns: LETTER, LAST NAME, FIRST NAME, DOB (mm/dd/yyyy). Rows include Picture A through Picture L, with Picture C, D, E, F, G, H, and I containing suspect information.

Ross Martin

PRINT: Array Composer

(b)(6),(b)(7)(C)
Officer Approving Array

Signature
(b)(6),(b)(7)(C)

Date
1/11/11
Date

Pd/fil-MDR-ASOP/Photo Array form.doc
Author (b)(6),(b)(7)(C) Identification Unit Manager

pg. 1 of 1
Revised: 1/11/2011

Internet Archive Search

On June 25, 2012 I conducted a search of the Internet Archive website wayback Machine specifically listing "guerilllopenaccess.com" in the search query.

I located nine dated captures and using the software Snagit, I captured each of the nine pages and the calendar. I also located a Guerilla Open Access document on Pastebin and saved that in a portable data format.

(b)(8),(b)(7)(C)

July 5, 2012

## The Occasional Pamphlet

on scholarly communication

### On guerrilla open access

July 28th, 2011

Aaron Swartz has been indicted for wire fraud, computer fraud, unlawfully obtaining information from a protected computer, and recklessly damaging a protected computer. The alleged activities that led to this indictment were his downloading massive numbers of articles from JSTOR by circumventing IP and MAC address limitations and breaking and entering into restricted areas of the MIT campus to obtain direct access to the network, for the presumed intended purpose of distributing the articles through open file-sharing networks. The allegation is in keeping with his previous calls for achieving open access to the scholarly literature by what he called "guerrilla open access" in a 2008 manifesto: "We need to download scientific journals and upload them to file sharing networks." Because many theorize that Swartz was intending to further the goals of open access by these activities, some people have asked my opinion of his alleged activities.



William G. Bowen, founder of JSTOR

Before going further, I must present the necessary disclaimers: I am not a lawyer. He is presumed innocent until proven guilty. We don't know if the allegations in the indictment are true, though I haven't seen much in the way of denials (as opposed to apologetics). We don't know what his intentions were or what he planned to do with the millions of articles he downloaded, though none of the potential explanations I've heard make much sense even in their own terms other than the guerrilla OA theory implicit in the indictment. So there is a lot we don't know, which is typical for a pretrial case. But for the purpose of discussion, let's assume that the allegations in the indictment are true and his intention was to provide guerrilla OA to the articles. (Of course, if the allegations are false, as some seem to believe, then my claims below are vacuous. If the claims in the indictment turn out to be false, or colored by other mitigating facts, I for one would be pleased. But I can only go by what I have read in the papers and the indictment.)

There's a lot of silliness that has been expressed on both sides of this case. The pro-Swartz faction is quoted as saying "Aaron's prosecution undermines academic inquiry and democratic principles." Huh? Or this one: "It's incredible that the government would try to lock someone up for allegedly looking up articles at a library." Swartz could, of course, have looked up any JSTOR article he wanted using his Harvard library privileges, and could even have text-mined the entire collection through JSTOR's Data for Research program, but that's not what he did. Or this howler: "It's like trying to put someone in jail for allegedly checking too many books out of the library." No, it isn't, and even a cursory reading of the indictment reveals why. On the anti-Swartz side, the district attorney says things like "Stealing is stealing whether you use a computer command or a crowbar, and whether you take documents, data or dollars." If you can't see a difference between, say, posting one of your articles on your website and lifting a neighbor's stereo, well then I don't know what. There's lots of hyperbole going on on both sides.



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PASTEBIN

create new paste trending pastes

sign up login my alerts my settings my profile



Guerilla Open Access Manifesto

BY: PAPERSON JUL 20TH 2011 | SYNTAX: NONE | SIZE: 1.04 KB | HTS: 2974 | EXPIRES: NEVER  
DOWNLOAD | RAW | EMBED | REPORT ABUSE



- 67 Public Pastes
- 24 Limited 2 sec ago
- Unlisted 3 sec ago
- Public 5 sec ago
- Unlisted 6 sec ago
- Unlisted 7 sec ago
- Unlisted 7 sec ago
- Unlisted 7 sec ago
- Unlisted 7 sec ago
- Unlisted 10 sec ago

- Information is power. But like all power, there are those who want to keep it for themselves. The world's entire scientific and cultural heritage, published over centuries in books and journals, is increasingly being digitized and locked up by a handful of private corporations. Want to read the papers featuring the most famous results of the sciences? You'll need to send enormous amounts to publishers like Reed Elsevier.
- There are those struggling to change this. The Open Access Movement has fought valiantly to ensure that scientists do not sign their copyrights away but instead ensure their work is published on the internet, under terms that allow anyone to access it. But even under the best scenarios, their work will only apply to things published in the future. Everything up until now will have been lost.
- That is too high a price to pay. Forcing academics to pay money to read the work of their colleagues? Scanning entire libraries but only allowing the folks at Google to read them? Providing scientific articles to those at elite universities in the First World, but not to children in the Global South? It's outrageous and unacceptable.
- "I agree," many say, "but what can we do? The companies hold the copyrights, they make enormous amounts of money by charging for access, and it's perfectly legal - there's nothing we can do to stop them." But there is something we can, something that's already being done: we can fight back.
- Those with access to these resources - students, librarians, scientists - you have been given a privilege. You get to read at this banquet of knowledge while the rest of the world is locked out. But you need not - indeed, worse, you cannot - keep this privilege for yourselves. You have a duty to share it with the world. And you have: trading passwords with colleagues, filing download requests for friends.
- Meanwhile, those who have been locked out are not standing idly by. You have been sneaking through holes and climbing over fences, liberating the information locked up by the publishers and sharing them with your friends.
- But all of this action goes on in the dark, hidden underground. It's called stealing or piracy, as if sharing a wealth of knowledge were the moral equivalent of plundering a ship and murdering its crew. But sharing isn't immoral - it's a moral imperative. Only those blinded by greed would refuse to let a friend make a copy.
- Large corporations, of course, are blinded by greed. The laws under which they operate require it - their shareholders would revolt at anything less. And the politicians they have bought off back them, passing laws giving them the exclusive power to decide who can make copies.
- There is no justice in following unjust laws. It's time to come into the light and, in the grand tradition of civil disobedience, declare our opposition to this private theft of public culture.
- We need to take information, wherever it is stored, make our copies and share them with the world. We need to take stuff that's out of copyright and add it to the archive. We need to buy secret databases and put them on the web. We need to download scientific journals and upload them to file sharing networks. We need to fight for Guerilla Open Access.
- With enough of us, around the world, we'll not just send a strong message opposing the privatization of knowledge - we'll make it a thing of the past. Will you join us?
- Aaron Swartz
- July 2008, Brent, Italy



RAW Paste Data

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Information is power. But like all power, there are those who want to keep it for themselves. The world's entire scientific and cultural heritage, published over centuries in books and journals, is increasingly being digitized and locked up by a handful of private corporations, bent to read the papers featuring the most famous results of the sciences? You'll need to send enormous amounts to publishers like Reed Elsevier.



Pastebin.com Tools & Applications

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# Guerilla Open Access Manifesto

It goes without saying that we want to keep it for themselves. The world's entire scientific and cultural heritage, published over centuries in books and journals, is increasingly being digitized and stored in corporate databases. We want to read the papers featuring the most important results of the sciences? You'll need to read numerous abstracts to publishers like Elsevier.

The Open Access Movement has fought valiantly to ensure that scientists do not sign their copyrights away but instead ensure their work is published on the internet, under terms that allow the best summaries their work will only apply to things published in the future. If anything, it would now be too late to do so.

It's not enough to read the work of their colleagues? Examining entire libraries but only allowing the bits at Google to read them? Providing scientific articles to those at risk of being orphaned? It's outrageous and unacceptable.

The companies hold the copyrights, they make enormous amounts of money by charging for access, and it's perfectly legal - that's not the problem. The problem is that they're already being done: we can fight back.

Scientific libraries, scientists - you have been given a privilege. You get to hold the bag of knowledge while the rest of the world is locked out. But you need not - indeed, cannot, - be locked out. You have a duty to share it with the world. And you have: trading passwords with colleagues, filling download requests for friends.

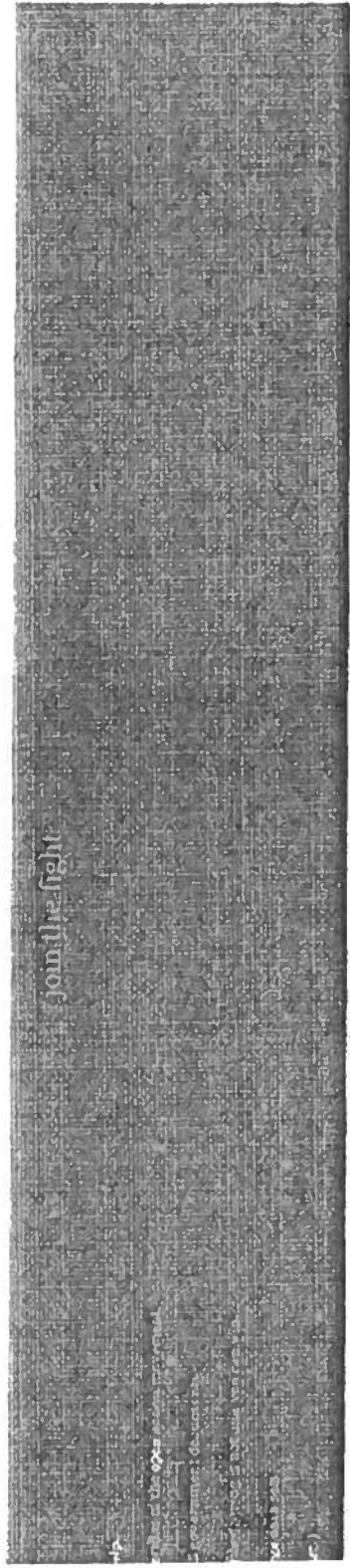
And you are not standing idly by. You have been speaking through blogs and e-mailing your friends, liberating the information locked up by the publishers and sharing them with your friends. It's called whistleblowing or piracy, as if sharing a wealth of knowledge were the moral equivalent of plundering a ship and murdering its crew. But sharing isn't immoral - it's called being a friend.

The laws under which they operate require it - their shareholders would revolt at anything less. And the politicians they have bought off back them, passing laws giving them the right to sue.

It's time to come into the light and, in the grand tradition of civil disobedience, declare our opposition to this private theft of public culture. We need to make our copies and share them with the world. We need to take stuff that's out of copyright and add it to the archive. We need to buy secret databases and put them on the web, and upload them to file sharing networks. We need to fight for Guerilla Open Access.

We'll not just need a strong message opposing the privatization of knowledge - we'll make it a thing of the past. Will you join us?

July 2006, Fresno, Italy



(cc) share and enjoy

R I F





# Guerilla Open Access Manifesto

If power, there are those who want to keep it for themselves. The world's entire scientific and cultural heritage, published over centuries in books and journals, is increasingly being digitized and stored in corporations. We need to read the papers ensuring the most famous results of the sciences? You'll need to read enormous amounts to publishers like Reed Elsevier.

The Open Access Movement has fought valiantly to ensure that scientists do not lose their copyrights away but instead ensure their work is published on the Internet, under terms that allow the best scientists, their work, will not apply to things published in the future. Everything we need now will have been lost.

As scientists to pay money to read the work of their colleagues? Something entire libraries but only allowing the folks at Google to read them? Providing scientific articles to those at all levels of education in the Global South? It's outrageous and unacceptable.

We don't. The companies hold the copyrights, they make enormous amounts of money by charging for access, and it's perfectly legal - there's nothing we can do to stop them. But there is already being done: we can fight back.

Librarians, librarians, scientists - you have been given a privilege. You get to feed at the banquet of knowledge while the rest of the world is locked out. But you need not - indeed, morally, ourselves. You have a duty to share it with the world. And you have: tracking journals with colleagues, giving download requests for friends.

ed out are not standing still by. You have been teaching through books and sharing the information locked up by the publishers and sharing them with your friends. We're hidden underground. It's called stealing or piracy, as if sharing a wealth of knowledge were the moral equivalent of plundering a shop and robbing its crew. But sharing isn't immoral - indeed; greed would refuse to let a friend make a copy.

And by greed. The law is under which they operate require it - their shareholders would revolt at anything less. And the politicians they have bought off back them, passing laws giving them a make copies.

And here, it's time to come into the light and, in the grand tradition of civil disobedience, declare our opposition to this private theft of public culture.

er it is stored, make our copies and share them with the world. We need to take stuff that's out of copyright and add it to the archive. We need to buy access databases and put them on the Web, do and upload them to file sharing networks. We need to fight for Guerilla Open Access.

we'll not just send a strong message opposing the privatization of knowledge - we'll make it a thing of the past. Will you join us?

July 2006, Enrico, Baby



(cc) Share and enjoy





# Guerilla Open Access Manifesto

I power, there are those who want to keep it for themselves. The world's entire scientific and cultural heritage, established or otherwise in books and journals, & increasingly being digitized corporations. Want to read the papers featuring the most famous results of the sciences? You'll need to send enormous amounts to publishers like Reed Elsevier.

But the Open Access Movement has fought valiantly to ensure that activities do not sign their copyrights away but instead ensure their work is published on the Internet, under terms that let the best scientists, their work will only apply to things published in the future. Everything up until now will have been lost.

academics to pay money to read the work of their colleagues? Scanning entire libraries but only allowing the folks at Google to read them? Paying scientific articles to show at this to children in the Global South? It's outrageous and unacceptable.

do? The companies hold the copyrights, they make enormous amounts of money by charging for access, and it's perfect! legal - there's nothing we can do to stop them. But there is ready being done we can fight back.

students, librarians, scientists - you have been given a prototype. You get to feed at this banquet of knowledge while the rest of the world is locked out. But you read not - instead, normally, would you. You have a duty to share it with the world. And you have: trading passwords with colleagues, filling download requests for friends.

and are not demanding fully by. You have been ransacking through books and claiming over access, liberating the information locked up by the publishers and sharing them with your friends. hide a underground. It's called stealing or piracy, as if sharing a wealth of knowledge were the moral equivalent of plundering a ship and murdering its crew. But sharing isn't immoral - oded by greed would refuse to let a friend make a copy.

led by greed. The laws under which they operate require it - their shareholders would react at anything less. And the politicians that have bought off both them, passing laws giving them make copies.

ers. It's time to come into the light and, in the grand tradition of civil disobedience, declare our opposition to this private theft of public culture.

it is shared, make our copies and share them with the world. We need to take stuff that's out of copyright and add it to the archive. We need to buy second-hand books and put them on the Web. and upload them to file-sharing networks. We need to fight for Guerilla Open Access.

we'll not just send a strong message opposing the privatization of knowledge - we'll make it a thing of the past. Will you join us?

July 2008, Geneva, Italy



RIF

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# Guerilla Open Access Manifesto

If power, there are those who want to keep it for themselves. The world's scientific and cultural heritages, published over centuries, is increasingly being digitized and copyrighted. Want to read the papers featuring the most famous results of the sciences? You'll need to send enormous amounts to publishers like Reed Elsevier.

The Open Access Movement has fought valiantly to ensure that scientists do not sign their copyrights away but instead ensure their work is published on the Internet, under terms that other scientists can use. Everything on earth will have been lost.

Academics to pay money to read the work of their colleagues? Scrambling online libraries but only allowing the folks at Google to read them? Providing scientific articles to those at all levels of children in the Global South? It's outrageous and unacceptable.

Why do? The companies hold the copyrights, they make enormous amounts of money by charging for access, and it's perfectly legal — there's nothing we can do to stop them. But there is a way: libraries, scientists — you have been given a privilege. You get to lead at the forefront of knowledge while the rest of the world is locked out. But you need not — indeed, normally, you must not. You have a duty to share it with the world. And you have a trading partner's right: colleagues, filling download requests for friends.

And one is not standing idly by. You have been making through holes and climbing over fences, liberating the information locked up by the publishers and sharing them with your friends. Hidden underground, it's called seedling or piracy; as if sharing a wealth of knowledge were the moral equivalent of purchasing a ship and smuggling its crew. But sharing isn't immoral — it's good. Good would rather let a friend make a copy.

And by good, the laws under which they operate require it — their shareholders would revolt at anything less. And the publishers that have bought off back them, paying lawyers getting them into court.

It's time to come into the light and, in the grand tradition of civil disobedience, declare our opposition to the private theft of public culture. It is stored, make our copies and share them with the world. We need to take stuff that's out of copyright and add it to the archive. We need to buy secret databases and put them on the Web. We need to share our research. We need to fight for Guerilla Open Access.

We're not just sending a strong message opposing the privatization of knowledge — we'll make it a thing of the past. (We'll join you)

July 2006, Dromo, Italy



Join the fight

(cc) share and enjoy

R O I F

# Guerilla Open Access Manifesto

power, there are those who want to keep it for themselves. The world's entire scientific and cultural heritage, published over centuries in books and journals, is increasingly being digitized and put online. Want to read the papers featuring the most famous results of the sciences? You'll need to read numerous abstracts to publish in the field of your choice.

But the *Open Access Movement* has fought valiantly to ensure that scientific discovery is published on the Internet, under terms that let the best scientists, their work will only apply to things published in the future. Everything up until now will have been here.

Academics to pay money to read the work of their colleagues? Scanning entire libraries but only allowing the files at Google to read them? Providing scientific articles to those of abject poverty in the Global South? It's outrageous and unacceptable.

So? The companies hold the copyrights, they make enormous amounts of money by charging for access, and it's perfectly legal - there's nothing we can do to stop them. But there is ready being done we can fight back.

Academics, librarians, scientists - you have been given a privilege. You get to feed as this treasure of knowledge while the rest of the world is locked out. But you need not - indeed, nor will you - be a duty to share it with the world, and you have created yourselves with colleagues, giving download requests for friends.

But you are not standing still. You have been working through ideas and changing over time, liberating the information locked up by the publishers and sharing them with your friends.

It's called *sharing* or *piracy*, as if sharing a wealth of knowledge were the moral equivalent of promoting a ship and marketing its crew. But sharing isn't immoral - it's good would rather to let a friend make a copy.

And by greed. The laws under which they operate require it - their shareholders would revolt at anything less. And the politicians they have bought off back them, passing laws giving them the legal cover.

Now it's time to come into the light and, in the spirit of tradition of civil disobedience, declare our opposition to this private theft of public culture.

It is stored, make our copies and share them with the world. We need to take stuff that's out of copyright and add it to the archive. We need to buy secret databases and put them on the web, and upload them to file sharing networks. We need to fight for *Guerrilla Open Access*.

We'll not just send a powerful message opposing the privatization of knowledge - we'll make it a thing of the past. **WAG: you join us?**

July 2008, Geneva, Italy



(cc) share and copy

R I F



You think this is a mistake, send me @XXXXXXXXXX

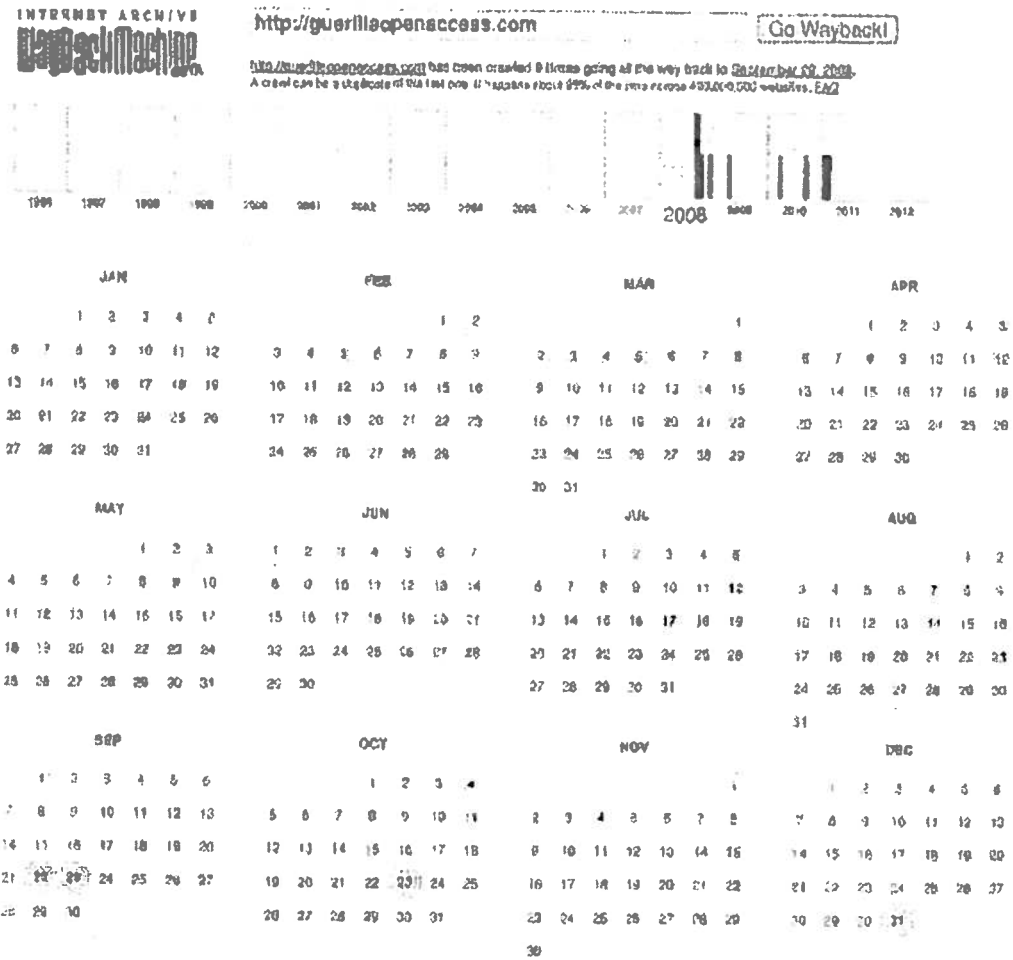
http://XXXXXXXXXX.com  
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22 Sep 08 3:44



JAN 2008  
02AR  
2012

RIF





**Note**  
 This calendar view maps the number of times <http://guerillaopenaccess.com> was crawled by the Wayback Machine, not how many times the site was actually updated. More info in the [FAQ](#).

The Internet Archive is a non-profit organization of volunteers. We are a 501(c)(3) non-profit organization. We are a digital library of Internet sites and other cultural artifacts in digital form. Other projects include [Digitized Library of Congress](#) and [Internet Archive](#).

Source of the Wayback Machine is subject to the Internet Archive's [Terms of Use](#).







http://guerillaopenaccess.com

Go Wayback!

This site (http://guerillaopenaccess.com) has been crawled 6 times going all the way back to September 22, 2008. A crawl can be a duplicate of the last one. It happens about 25% of the time across 420,000,000 websites. FAQ



JAN							FEB							MAR							APR						
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**Note**

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http://guerillaopenaccess.com

Go Wayback!

http://guerillaopenaccess.com has been crawled 8 times going all the way back to September 22, 2005. A crawl can be a digitization of the HTML or, it happens about 25% of the time from 400,000,000 website FAQ.



JAN							FEB							MAR							APR						
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26	27	28	29	30	24	25	26	27	28	29	30	28	29	30	26	27	28	29	30	31	26	27	28	29	30	31	

**Note**

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The Wayback Machine is an initiative of the Internet Archive, a nonprofit digital library project. For more information, visit [www.archive.org](http://www.archive.org) or contact us at [info@archive.org](mailto:info@archive.org).

The use of the Wayback Machine is subject to the [Internet Archive Terms of Use](#).

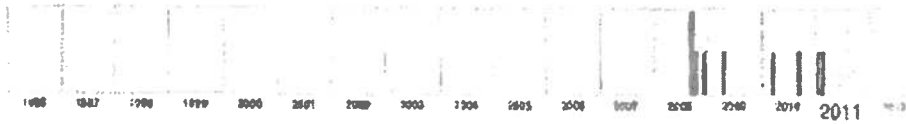




http://guerillaopenaccess.com

Go Wayback!

http://guerillaopenaccess.com has been crawled 0 times going all the way back to September 22, 2006. A crawl can be 6 days or more. It happens about 75% of the time across 425,000 CEE crawlers. FAQ



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You have reached the cached page for <http://www.aaronsw.com/weblog/goa>

Below is a snapshot of the Web page as it appeared on 4/4/2011. This is the version of the page that was used for ranking your search results. The page may have changed since it was last cached. To see what might have changed (without the highlights), [go to the current page](#).

Yahoo! is not responsible for the content of this page.

## RAW THOUGHT

### Guerilla Open Access

by Aaron Swartz

A few months ago I got to attend a meeting in Eremo, Italy, a beautiful abandoned monastery deep into the European countryside. There, talking with others round the world, I realized that the Open Access movement simply wasn't enough — even if we got all journals going forward to be open, the whole history of scientific knowledge would be locked up. We had to do something more.

Talking with others at the meeting, I realized what must be done. If we couldn't get free access to this knowledge, folks would have to take it. Guerilla open access. So I wrote up a manifesto:

"I agree," many say, "but what can we do? The companies hold the copyrights, they make enormous amounts of money by charging for access, and it's perfectly legal — there's nothing we can do to stop them." But there is something we can, something that's already being done: we can fight back.

I'm announcing the project in a talk today at Software Freedom Day in Boston, but I'm also announcing it here:

Visit [guerillaopenaccess.com](http://guerillaopenaccess.com) and join us.

September 20, 2008

[Read comments.](#)





From: (b)(6),(b)(7)(C) n150oc6 (Contacts @ JSTOR).txt  
Sent: Tuesday, January 25, 2011 4:32 PM  
To: (b)(6),(b)(7)(C) [thaka.org]  
Cc: (b)(6),(b)(7)(C) (BOS)  
Subject: usdoj.gov' Contacts @ JSTOR

Hi (b)(6),(b)(7)(C)

Please find the information requested below...

(b)(6),(b)(7)(C)

(b)(6),(b)(7)(C) thaka.org

(b)(6),(b)(7)(C)

(b)(6),(b)(7)(C) thaka.org Office of General Counsel

(b)(6),(b)(7)(C)

(b)(6),(b)(7)(C) Public Systems

(b)(6),(b)(7)(C) Public Systems

Global Net Access, LLC  
1100 White St SW  
Atlanta, GA. 30310  
(404) 230-9149

Dear Custodian of Records:

Our agency is conducting an ongoing criminal investigation that involves one or more account holders. As part of that investigation, we are requesting that information related to www.aaronsw.com be preserved pending the issuance of formal legal process. More specifically, we are requesting that you preserve all subscriber information and/or account contents or group information related to the customer or subscribers. Additionally we are asking that all private messages, correspondence and bulletin board postings from above named users be preserved. We are also asking that all web content be preserved .

At this time we are expecting to obtain formal legal process in the next 90 days. We acknowledge that if we do not serve legal process upon you in the next 90 days, and do not request a 90 day extension, the preserved information may no longer be available.

Point of contact for this request is SA (b)(6),  
(b)(7)(C) at (617) 565-5640 or  
(b)(6).(b)(7)(C) @usss.dhs.gov

Respectfully

(b)(6),(b)(7)(C)

Special Agent  
United States Secret Service  
10 Causeway Street.  
Suite 447  
Boston, MA. 02222

On 01/14/11 SA (b)(6),(b)(7)(C) Detective (b)(6),(b)(7)(C) AUSA Heymann and (b)(6),(b)(7)(C) counsel for MIT met at the MIT office of General Counsel with (b)(6),(b)(7)(C) the (b)(6),(b)(7)(C) for scholarly publishing and licensing (b)(6),(b)(7)(C) edu (b)(6),(b)(7)(C)

(b)(6),(b)(7)(C) stated that since 1997 MIT had bought many collections from JSTOR. Buying a collection from JSTOR costs a onetime archive capital fee and subscription maintenance fee.

(b)(6),(b)(7)(C) estimated that MIT has spent at least \$435,000.00 including a \$50,000.00 a year maintenance fee.

(b)(6),(b)(7)(C) stated MIT's relationship with JSTOR was a partnership model and fees were based on the number of PhD programs the college had.

(b)(6),(b)(7)(C) stated that MIT had purchased 8 collections from JSTOR so far.

(b)(6),(b)(7)(C) stated that there is now a gateway for MIT to access electronic resources to JSTOR but that MIT access to JSTOR used to be based on an IP filter. (b)(6),(b)(7)(C) stated that for an MIT student to access JSTOR from off campus they always had to go through a gateway.

(b)(6),(b)(7)(C) stated that prior to the establishment of the gateway due to Swartz's abuse, a student on the MIT network could gain direct access to JSTOR. (b)(6),(b)(7)(C) stated that as far as she was aware, only MIT used to have a system where anyone on the network could access JSTOR.

(b)(6),(b)(7)(C) stated that the only other occurrence of JSTOR reporting abuse to her was early in their relationship back in 1997 or 1998.

(b)(6),(b)(7)(C) stated that when JSTOR first reported abuse from the MIT network in 2010 they initially blocked access by the entire MIT network but with each subsequent incident JSTOR refined the IP addresses blocked. On the third incident JSTOR blocked the class C subnet the abuse came from.

(b)(6),(b)(7)(C) stated that her primary point of contact with JSTOR was (b)(6),(b)(7)(C)

(b)(6),(b)(7)(C) stated that MIT was on the JSTOR participants list that is listed on the JSTOR public website.

(b)(6),(b)(7)(C) stated that she believed students from Harvard need a PIN to access JSTOR.



On 01/14/11, SA (b)(6),(b)(7)(C) Detective (b)(6),(b)(7)(C) AUSA Heymann and (b)(6),(b)(7)(C) counsel for MIT met at the MIT office of General Counsel with (b)(6),(b)(7)(C) a (b)(6),(b)(7)(C) network security analyst for MIT Information Service and Technology (b)(6),(b)(7)(C) edu, (b)(6),(b)(7)(C)

(b)(6),(b)(7)(C) informed the group that an examination of the DHCP logs during the time in September when JSTOR was reporting the excessive downloads show a computer registered as "ghost-laptop" with a MAC address of 00:23:5a:73:5f:fb and an email address of ghost@mailinator.com.

Detective (b)(6),(b)(7)(C) noted that all of the suspicious computer registrations on 09/24/10, 10/01/10, 10/08/10 and 12/24/10 occurred on Friday nights. (b)(6),(b)(7)(C) confirmed that foot traffic in the tunnel of building 16 would be light during those times.

(b)(6),(b)(7)(C) stated that on 10/01/10 there was an attempt to register with the same MAC address as used on 09/24/10; However, (b)(6),(b)(7)(C) had blocked that MAC address from registering. (b)(6),(b)(7)(C) stated that on 10/02/10 another attempt was made to register on the network with a MAC address of 00:23:5a:73:5f:fc but still for "ghost-laptop."

(b)(6),(b)(7)(C) also stated that at one point on 10/09/11, "ghost-laptop" was registered with a MAC address of 00:23:5a:73:5f:fc and "ghost-macbook" was registered with a MAC address of 00:17:f2:2c:b0:74 at the same time.

(b)(6),(b)(7)(C) also stated that after 12/19/10, the attempts to register on the MIT network for "ghost-laptop" and "ghost-macbook" changed from attempts to gain an IP address dynamically assigned through the MIT guest registration process to assigning themselves static IP addresses on the MIT network. This behavior continued until after Swartz was observed on 01/06/11 moving the laptop from Building 16 to and the machine was registered on the network from the Stratton Student Center.

(b)(6),(b)(7)(C) also stated that on 01/06/11 at approximately 1251 the computer connected to an IP address registered to Amazon's Elastic Compute Cloud (EC2) service.

(b)(6),(b)(7)(C) noted that up to 12/19/10, Swartz obtained IP addresses by using the guest registration to be assigned an IP address through DHCP. From 12/19/10 to 01/06/11, Swartz would assign himself a static IP address.

(b)(6),(b)(7)(C) theorized that once Swartz understood the subnet mask of the network Building 16 was on it would have been easy to assign himself an IP address that was not being used; However when he moved the laptop to the Stratton Student Center on 01/06/11, he connected to a new switch and went back to obtaining an IP address through DHCP.

Prior to this incident, JSTOR granted access to anyone using a IP address from the MIT network. MIT has a class A network and owns all of the IP addresses beginning with 18.

(b)(6),(b)(7)(C) recalled that on 01/03/11 (b)(6),(b)(7)(C) sent him an email telling him that JSTOR informed her that they had detected abuse from IP address (b)(6),(b)(7)(C). On 01/04/11, (b)(6),(b)(7)(C) traced the IP address (b)(6),(b)(7)(C) in the ARP table to MAC address 004c:e5a0:c756. MAC address 004c:e5a0:c756 was also assigned IP address (b)(6),(b)(7)(C) on the ARP table. (b)(6),(b)(7)(C) stated that IP address (b)(6),(b)(7)(C) was logged with zero seconds talking on the network. (b)(6),(b)(7)(C) theorized that Swartz established IP address (b)(6),(b)(7)(C) to

communicate with the computer in case the MIT network shut down IP address (b)(6),(b)(7)(C)

(b)(6),(b)(7) stated that IP address (b)(6),(b)(7)(C) was an IP address registered to JSTOR that appeared in the logs.

(b)(6),(b)(7)(C) stated that early in the morning of 01/04/11 he noticed in the ARP table that the IP address reported for abuse by JSTOR was active on the switch Gi 8/16 that he knew was in Building 16. The switch is also listed in the logs M16-004t-sw-entry.mit.edu. 004T refers to the room number 4T, the wire closet where the Acer Aspire one netbook with serial number LUSAX0D001001100Z1601 was found. (b)(6),(b)(7) recalled that at approximately 0200 he sent an email to (b)(6),(b)(7)(C) and (b)(6),(b)(7)(C) with the switch the computer committing the abuse was attached to and asked them to find it.

(b)(6),(b)(7)(C) confirmed that the closet was generally kept locked.

(b)(6),(b)(7)(C) stated that at first Swartz used guest registration to obtain an IP address but that static IP address were used later. (b)(6),(b)(7) confirmed that someone with guest registration has full access in and out of the network.

(b)(6),(b)(7) stated that MIT border routers do block the Microsoft ports.

(b)(6),(b)(7)(C) stated all three registrations Swartz used were variation of ghost with the computer name either being ghost-macbook or ghost-laptop and the name used for guest registration being either Gene, Gary or Grace.

(b)(6),(b)(7)(C) stated that based on the logs he reviewed that Swartz must have spoofed his MAC address at least once. The MAC address used in January (004c.e5a0.c756) had an invalid Organizationally Unique Identifier (OUI).

(b)(6),(b)(7)(C) stated that the emails Swartz used for guest registration used a service called mailinator. Mailinator is a service that gives spoofed emails the appearance of legitimate emails.

The packet capture from 01/04/11 identified two open ports on the Acer Aspire one found in 04T. The ports that were open were 22 and 8092. (b)(6),(b)(7) identified that the service CherryPy was running. CherryPy is a web application framework using the python programming language.

(b)(6),(b)(7)(C) estimated that as of 1/14/11, MIT had spent 160 man-hours investigating the abuse by Swartz.

JSTOR  
jstor.org  
MIT  
mit.edu  
acer  
me@aaronsw.com  
scraper  
crawler  
18.55  
macbook  
macaddress  
mac address  
spooof  
uploading  
downloading  
archive  
library  
block  
downloads  
public  
journal  
ghost  
host  
gary  
grace  
gene  
hack  
network  
SSH  
shell  
secure  
cherrypy  
basement  
closet  
western digital  
terabyte  
Samsung  
Linerva  
18.181  
dr-wily  
copyright  
library

(b)(0),(b)(7)(C)

Nokia cell phone with power cord  
T-Mobile HTC G2 cell phone with power cord  
Twelve (12) magnetic media tapes in a FedEx box  
Metallic Blue iPod  
White iPod with white carrying case  
White iPod with Serial Number 8A6330856UX8A  
White iTalk  
Black 16GB thumb-drive  
"Office Depot" DVD-R with handwritten label "Bibliographic data which mysteriously appeared one day as the sun was shining"  
Pocket notebook with blue and white hexagon and rectangle design cover  
Pure Drive model 761 external hard drive quick start guide with CD  
Disc utility internal hard drive upgrade kit  
Seagate SATA 3.5" Barracuda internal hard drive installation guide  
Scientific Atlantic modem  
Apple multi adapter with serial number 6F9395M7ZU6  
Apple multi adapter with serial number 6F7281NNU4S  
Black notebook journal  
Wireless-G 2.4 GHz broadband router linksys with serial number CDFG1G609626  
MacBook install disk one and two in paper sleeve  
MacBook user guide in cardboard case  
Apple care service letter  
Genius Bar work confirmation  
Digital Media compact flash  
Fifty-four miscellaneous compact disks  
Two hard drive enclosures  
T-Mobile sidekick  
Sony Micro Vault  
Harvard University earning statement  
Earning statement addressed to Aaron Swartz  
Master's Thesis M-876 Lind, William Edmund, Thomas McDonald: "A study of an Engineer Administrator & his Influence of Public Roads in the US 1919-1953"

Apple iMac model A1311 with serial number WB025AXGD87

Western Digital hard drive model WD1200 with serial number WMANN1006724



\*\*\*\*\* | DCS Information Systems | © 1994-2011 v4.1.6  
 Time: 09:18, 02/14/2011 | Trans Union Credit Header Report | DCSI  
 ----- | DPPA:01 | -----

Name(s) & Address(s)  
 , SSN SEARCH NO HIT (b)(6),(b)(7)(C)

This information may be used only for DCS' customers, or customer's client's exclusive use, and such customers and customer's clients are required to hold the information in strict confidence and shall not disclose it to 3rd parties.  
 0

The Trans Union credit header (Trace and Retrace) do not include any information that is placed on the credit files after June 30, 2001. The Trans Union credit headers do include information that existed in the credit files on June 30, 2001. This database will be updated periodically from other sources.

\*\*\*\*\*  
 \*\*\*\*\*

\*\*\*\*\* | DCS Information Systems | © 1994-2011 v4.1.6  
 Time: 09:18, 02/14/2011 | Equifax Credit Header | DCSI  
 ----- | DPPA:01 | -----

Entered.. (b)(6),(b)(7)(C)

Name...: SWARTZ, AARON Age: SS#: (b)(6),(b)(7)(C)  
 Current: (b)(6),(b)(7)(C) UPD: / /  
 Address: (b)(6),(b)(7)(C) PH: ( ) -  
 Former : 1587 15TH ST APT (b)(6),  
 Address: SAN FRANCISCO, CA 94103 (b)(7)(C) UPD: / /  
 PH: ( ) -  
 Former : 950 MASSACHUSETTS AVE APT (b)(6),  
 Address: CAMBRIDGE, MA 02139 (b)(7)(C) UPD: / /  
 PH: ( ) -

SAFESCAN Alert: SAFESCAN Complete - No Warnings  
 1

\*\*\*\*\*  
 \*\*\*\*\*

\*\*\*\*\* | DCS Information Systems | © 1994-2011 v4.1.6  
 Time: 09:18, 02/14/2011 | Experian Credit Header | DCSI  
 ----- | DPPA:01 | -----

Entered: (b)(6),(b)(7)(C)

SSN-

Page 2 of 2

SS #a...: (b)(6),(b)(7)(C)  
Name...: AARON SWARTZ BORN: 1986 PHONE#s:  
(b)(6),(b)(7)(C) - SPOUSE  
Name...: AARON H SWARTZ BORN: PHONE#s:  
Current: 950 MASSACHUSETTS AVE APT (b)(6),(b)(7)(C) MIDDLESEX 09/10  
Address: CAMBRIDGE, MA 02139-3175  
Former : 1587 15TH ST APT (b)(6),(b)(7)(C) SAN FRANCISCO 03/08  
Address: SAN FRANCISCO, CA 94103-3692  
Former : (b)(6),(b)(7)(C) 03/07  
Address:  
Former : (b)(6),(b)(7)(C) 04/07  
Address:  
Former : (b)(6),(b)(7)(C) 04/06  
Address:  
1

U.S. SECRET SERVICE INVESTIGATIVE REPORT

FROM: BOSTON FIELD OFFICE FILE: 102-775-60071-S  
TO: CRIMINAL INVESTIGATIVE DIVISION X-REF: N/A  
INFO: INVESTIGATIVE SUPPORT DIVISION SEIZURE#: N/A  
SUBJECT: OPENING REPORT

CASE TITLE: AARON SWARTZ  
CASE TYPE: 775.510 - UNAUTHORIZED ACCESS UNIVERSITIES  
SECONDARY TYPES: 848.191, 848.304, 848.930  
CONTROLLING OFFICE: BOSTON FIELD OFFICE  
REPORT MADE BY: SA (b)(6),(b)(7)(C)  
DATE CASE OPENED: 01/07/11  
PREVIOUS REPORT: N/A  
REPORTING PERIOD: 01/04/11 - 01/21/11  
STATUS: CONTINUED

SYNOPSIS:

On 01/04/11, MIT contacted the New England Electronic Crime Task Force to request assistance investigating a computer that was found connected to the MIT network in a locked closet without authorization. Further investigation showed that Aaron Swartz intruded into the MIT network without authorization by breaking into the locked closet containing networking components for MIT networks, connecting a computer to the MIT network and downloading documents from JSTOR. Aaron Swartz was arrested by MIT Police and agents of the New England Electronic Crimes Task Force for breaking and entering. An investigation of Swartz unauthorized intrusion into the MIT network and the theft of documents from JSTOR is continuing in the Boston district.

Case continued in Boston.

DETAILS OF INVESTIGATION:

On 01/04/11, Detective (b)(6),(b)(7)(C) of the Cambridge Police Department and a member of the New England Electronic Crimes Task Force, received a call from (b)(6),(b)(7)(C) (b)(6),(b)(7)(C) MIT.EDU) of the Massachusetts Institute of Technology Police Department, informing him that an unauthorized computer had been found in a wire closet on MIT grounds and Network Traffic suggested that the computer was being used to download expensive technical journals without authorization. The computer was found in a wire closet of the basement of Building 16, the Dorrance Building (77 Massachusetts Avenue, Cambridge, MA) which houses the MIT Biological Engineering Department.

Also on 01/04/11, SA (b)(6),(b)(7)(C) Detective (b)(6),(b)(7)(C) and Detective (b)(6),(b)(7)(C) of the Boston Police Department, traveled to MIT and met with (b)(6),(b)(7)(C) (b)(6),(b)(7)(C) mit.edu) of the MIT Police, (b)(6),(b)(7)(C) and (b)(6),(b)(7)(C) in the basement of building 16. Criminalist (b)(6),(b)(7)(C) and (b)(6),(b)(7)(C) from Cambridge Police processed the scene for prints. The netbook found connected to the switch in the wire closet in the basement of building 16 was an Acer Aspire One with a serial number LUSAX0D08100110051601. Network traffic indicated that the netbook was using two IP addresses (b)(6),(b)(7)(C) and (b)(6),(b)(7)(C) which are both IP addresses belonging to MIT. Use of NMap showed that the netbook had port 22 and 8092 open. Port 22 is the default port for SSH (Secure Shell network protocol) and port 8092 is often associated with TCP (Transmission Control Protocol) traffic. A surveillance camera was placed in the wire closet to record anyone returning for the netbook.

Continuing on 01/04/11, at approximately 1526, the surveillance camera recorded a white male later identified as Aaron Swartz (DOB 11/08/86) enter the wire closet. Based on the surveillance video, Swartz appeared to replace the external hard drive with a new one and take the old hard drive with him.



Further on 01/04/11, (b)(6),(b)(7)(C) was able to provide SA (b)(6),(b)(7)(C) with the following timeline:

On 09/26/10, (b)(6),(b)(7)(C) (b)(6),(b)(7)(C) received an email from (b)(6),(b)(7)(C) Manager stating that at 0800 excessive downloading of journals had been detected from MIT and that all of MIT access to JSTOR would be blocked. JSTOR converts printed scholarly journals into electronic form and stores them in a central archive that can be accessed by libraries and institutions such as MIT.

On 09/27/10, the MIT Network and Information Security Team received an email from (b)(6),(b)(7)(C) Scholarly Publishing and Licensing, regarding excessive downloading from two IP addresses (b)(6),(b)(7)(C) and 18.55.6.215. JSTOR restored MIT access but blocked access to the identified IP addresses. (b)(6),(b)(7)(C) (mit.edu), (b)(6),(b)(7)(C) Analyst, discovered network registration for "Gary Host" with email address ghost3mailinator.com, a MAC address of 00235a735ffb and computer name "ghost-macbook" registered on the network on 09/24/10. (b)(6),(b)(7)(C) disabled the computer registration.

On 10/09/10, (b)(6),(b)(7)(C) from JSTOR (b)(6),(b)(7)(C) staff emailed (b)(6),(b)(7)(C) the (b)(6),(b)(7)(C) to inform her that MIT's access to JSTOR had been cut off again due to excessive downloading.

On 10/12/10, the MIT Network and Information Security Team received an email from (b)(6),(b)(7)(C) stating that JSTOR informed her that excessive downloading came from IP address (b)(6),(b)(7)(C)

On 10/13/10, (b)(6),(b)(7)(C) traced the second occurrence of excessive unauthorized downloading to a computer registered on the network as "Grace Host" with an email of ghost42@mailinator.com, a MAC address of 0017f22cb074 and computer name of "ghost-laptop". (b)(6),(b)(7)(C) disabled the host registrations identified as bogus. (b)(6),(b)(7)(C) Network Security and Support Services for MIT, notified (b)(6),(b)(7)(C) and (b)(6),(b)(7)(C) (b)(6),(b)(7)(C) MIT Operations and Infrastructure, that information indicated that the same unknown person appears to be using MIT guest registration from a wired connection in building 16.

On 11/29/10, the MIT Network and Information Security Team was notified by the MIT branch of the Institute of Electrical and Electronic Engineers that journal spidering has occurred on their site and it was tracked to the Student Information Processing Board XVM cluster, a group of computers that are shared and that anyone in the MIT community can use to host a Virtual Machine.

On 01/03/11, (b)(6),(b)(7)(C) received an email from (b)(6),(b)(7)(C) forwarded from (b)(6),(b)(7)(C) informing him that that the excessive downloading of journals had begun again.

On 01/04/11, (b)(6),(b)(7)(C) emailed (b)(6),(b)(7)(C) the (b)(6),(b)(7)(C) Network Operations, and (b)(6),(b)(7)(C) (mit.edu) a Network Engineer for Network and Infrastructure Services for MIT, asking them to further pinpoint the location of the computer downloading the journals. At 0808, (b)(6),(b)(7)(C) located a computer hidden by a box connected to a switch in a wire closet in the basement of building 16. The computer was also connected to an external hard drive. (b)(6),(b)(7)(C) established a packet capture of the same switch the computer was found attached to.

(b)(6),(b)(7)(C) also provided SA (b)(6),(b)(7)(C) with a copy of historical network flow data concerning IP addresses (b)(6),(b)(7)(C) and (b)(6),(b)(7)(C) from 12/14/10 to 01/04/11 and DHCP log information for computers registered as ghost-macbook and ghost-laptop.

SA (b)(6),(b)(7)(C) contacted SA (b)(6),(b)(7)(C) (CID) at the CERT Coordination Center at the Software Engineering Institute at Carnegie Mellon University. SA (b)(6),(b)(7)(C) provided SA (b)(6),(b)(7)(C) with instructions to upload the data to the CERT drop box.

On 01/06/11, at approximately 1232, video surveillance showed the individual later identified as Swartz return to the wire closet and remove the netbook and external hard drive. At approximately 1411 (b)(6),(b)(7)(C) of the MIT Police Department called (b)(6),(b)(7)(C) of the MIT Police Department and stated that he had located the suspect later identified as Swartz riding his bicycle on Massachusetts Avenue near the intersection with Lee Street in Cambridge, Massachusetts. (b)(6),(b)(7)(C) and SA (b)(6),(b)(7)(C) responded to Lee Street to assist (b)(6),(b)(7)(C) attempted to interview Swartz. However, Swartz jumped off of his bicycle and ran down Lee Street. (b)(6),(b)(7)(C) and SA (b)(6),(b)(7)(C) detained the suspect. An inventory of the backpack the suspect was wearing contained a US passport in the name of Aaron Swartz that was later identified as the suspect. Swartz was transported by Cambridge Police to Cambridge Police headquarters to be booked for Breaking and Entering.

Also on 01/06/11, (b)(6),(b)(7)(C) checked the DHCP logs for computer registrations with containing the word ghost. Ghost-laptop was identified as still being active on the MIT network using the same MAC address as used on 01/04/11 to download journals. (b)(6),(b)(7)(C) (mit.edu) an MIT Network Engineer, traced ghost-laptop on the network to building W20 on the 5<sup>th</sup> floor. MIT Building W20 is the Stratton Student Center. (b)(6),(b)(7)(C) and (b)(6),(b)(7)(C) traveled to the Stratton Student Center and determined that the network drop location ghost-laptop connected to was the Student Information Processing Board office, room 557. (b)(6),(b)(7)(C) contacted (b)(6),(b)(7)(C) to inform him that they had traced the netbook to a room in the student center. SA (b)(6),(b)(7)(C) met (b)(6),(b)(7)(C) and (b)(6),(b)(7)(C) at the student center and found the Acer Aspire netbook and external hard drive unattended, under a table, powered on and connected to the MIT network by a cable. Using gloves SA (b)(6),(b)(7)(C) examined the netbook. The netbook appeared to be frozen halfway in the shutdown state and all attempts to access a terminal on the machine were unsuccessful. It was determined it would not be possible to conduct live forensics or capture a snapshot of the memory of the computer in its current state. The laptop was placed in an evidence bag and turned over to MIT Police to be inventoried into evidence.

Also on 01/06/11, SA (b)(6),(b)(7)(C) and (b)(6),(b)(7)(C) traveled to Cambridge Police Headquarters to interview Swartz. At Cambridge Headquarters SA (b)(6),(b)(7)(C) met Philip G Cormier (b)(6),(b)(7)(C) (goodcormier.com). Cormier informed SA (b)(6),(b)(7)(C) that he represented Swartz and that his client would not make a statement. Swartz was not cooperative with investigators. Swartz initially refused to provide his name, date of birth and other biographical information.

On 01/10/11, SA (b)(6),(b)(7)(C) AUSA Heymann and (b)(6),(b)(7)(C) from JSTOR conducted a conference call to discuss the theft of material from JSTOR.

On 01/14/11, SA (b)(6),(b)(7)(C) Detective (b)(6),(b)(7)(C) and AUSA Heymann met at the MIT office of General Counsel with (b)(6),(b)(7)(C) counsel for MIT. The details of that meeting will be contained in a memorandum of interview to be made a part of this case folder.

#### JUDICIAL ACTION:

On 01/06/11, Aaron Swartz was arrested by MIT Police Department for violation of Massachusetts General Law chapter 266 section 18, Breaking and Entering in the daytime for felony.

On 01/06/11, SA (b)(6),(b)(7)(C) called AUSA Steven Heymann to inform him of the investigation of Aaron Swartz.

On 01/07/11, Aaron Swartz was arraigned in Cambridge District court for violation of MGL C266 S18, breaking and entering and his case was assigned docket number 1152CR0073.

SUSPECTS / DEFENDANTS:

AARON H SWARTZ - DEFENDENT - ARRESTED (STATE)

AKA: N/A  
RACE: White  
SEX: Male  
DOB: 11/08/1986  
SSN:  
FBI: 675304K00  
SID: MA10536559  
HT: 5' - 06"  
WT: 120 lbs.  
EYES: Brown  
HAIR: Brown  
1599: Pending  
1599A: Pending  
PHOTO: Yes  
PRINTS: Yes  
POB: Chicago, IL  
DL/STATE:  
ADDRESS:  
EMAIL:  
DATABASE CHECKS: 01/07/11

EXAMS CONDUCTED:

ECSAP: Pending  
Poly: N/A  
FSD: N/A

DATABASE SEARCHES CONDUCTED:

MCI / CI: 01/07/11  
NCIC/NLETS: 01/07/11  
CCS/CYT: 01/07/11  
LOCAL LE: 01/07/11

Results of database searches have been reported under "Details of Investigation".

EVIDENCE / CONTRABAND / PERSONAL PROPERTY:

All evidence in this case is currently at MIT Police Headquarters.

DISPOSITION:

Case continued pending further investigation and judicial action.

(b)(5) (b)(7)(C) / Ricciardi

U.S. SECRET SERVICE INVESTIGATIVE REPORT

FROM: BOSTON FIELD OFFICE FILE: 102-775-60071-S  
TO: CRIMINAL INVESTIGATIVE DIVISION X-REF: N/A  
SAN FRANCISCO FIELD OFFICE  
INFO: INVESTIGATIVE SUPPORT DIVISION SEIZURE#: N/A  
SUBJECT: REQUEST FOR INVESTIGATION OTHER DISTRICT

ACTUAL LOSS: \$ TBD POTENTIAL LOSS: \$ 2,000,000.00

CASE TITLE: AARON SWARTZ  
CASE TYPE: 775.510  
SECONDARY TYPES: 848.191, 848.304, 848.930  
CONTROLLING OFFICE: BOSTON FIELD OFFICE  
REPORT MADE BY: SA [REDACTED] (b)(6),(b)(7)(C)  
DATE CASE OPENED: 01/07/11  
PREVIOUS REPORT: OPENING REPORT 01/21/11  
REPORTING PERIOD: 01/22/11 - 03/02/11  
STATUS: CONTINUED

SYNOPSIS:

Aaron Swartz broke into a network closet in MIT, attached a laptop to the MIT network and illegally downloaded a large number of documents from JSTOR. Agents and Detectives of the New England Electronic Task Force executed a search warrant on Swartz's residence and office.

The San Francisco Field Office is requested to interview two known associates of Swartz to determine their knowledge of his activities.

Case continued in Boston.

DETAILS OF INVESTIGATION:

Reference is made to all previous reports in this case, the most recent of which is the opening report written by SA [REDACTED] on 01/21/11.

On 01/25/11, SA [REDACTED] (b)(6),(b)(7)(C) [REDACTED] (b)(6),(b)(7)(C) Manager for JSTOR, [REDACTED] (b)(6),(b)(7)(C) the from the Office of General Counsel of JSTOR, [REDACTED] (b)(6),(b)(7)(C) [REDACTED] (b)(6),(b)(7)(C) Public Systems for JSTOR, [REDACTED] (b)(6),(b)(7)(C) Manager for JSTOR and AUSA Stephen Heymann held a conference call. [REDACTED] (b)(6),(b)(7)(C) confirmed that JSTOR has licensing agreements with publishers to make journals and articles available on the JSTOR web site and that some of those licensing agreements include revenue sharing with publishers in which the publishers will get a share of the fees JSTOR collects from institutions. [REDACTED] (b)(6),(b)(7)(C) stated that some of the publishers allow for a direct fee to download an individual article but some publishers do not want individual articles downloaded. [REDACTED] (b)(6),(b)(7)(C) estimated that the value of the documents Swartz downloaded must be in excess of \$2 million. [REDACTED] (b)(6),(b)(7)(C) stated that he believed the average cost of articles were \$14.00. [REDACTED] (b)(6),(b)(7)(C) stated that the first indication of an intrusion was a degradation of service for all customers. [REDACTED] (b)(6),(b)(7)(C) stated that the software on the JSTOR site relies on cookies to track users and that Swartz must have found a way to delete the JSTOR cookies from his system prior to making a new request to download a document. [REDACTED] (b)(6),(b)(7)(C) stated multiple download requests occurred simultaneously and that at times hundreds of download requests were occurring concurrently. [REDACTED] (b)(6),(b)(7)(C) confirmed that the JSTOR terms and conditions clearly prohibited the kind of downloading Swartz was doing.

On 02/03/11, SA [REDACTED] (b)(6),(b)(7)(C) and Detective [REDACTED] (b)(6),(b)(7)(C) received the Acer Aspire netbook, hard drive enclosure, Western Digital hard drive contained in the enclosure, and a USB flash drive from MIT Police [REDACTED] (b)(6),(b)(7)(C) SA [REDACTED] (b)(6),(b)(7)(C) and Detective [REDACTED] (b)(6),(b)(7)(C)

took the evidence items directly to Cambridge Police Headquarters. The evidence items were logged into Cambridge Police evidence and taken to the Cambridge Police Identification Unit. The Identification Unit began processing the items for finger prints. The results of the analysis is still pending.

On 02/4/11, SA (b)(6),(b)(7)(C) Detective (b)(6),(b)(7)(C) of the Cambridge Police, (b)(6),(b)(7)(C) from the Massachusetts Institute of Technology and AUSA Stephen Heymann held a conference call. (b)(6),(b)(7)(C) explained that he was driving to work on 01/04/11 when (b)(6),(b)(7)(C) called him and told him that he found a laptop connected to a switch. (b)(6),(b)(7)(C) explained that previously (b)(6),(b)(7)(C) had sent an email to (b)(6),(b)(7)(C) describing the switch he had traced the excessive downloading from JSTOR. (b)(6),(b)(7)(C) explained that after (b)(6),(b)(7)(C) found the laptop connected to the switch he started a packet capture on the same switch. (b)(6),(b)(7)(C) also explained that the switch the laptop was connected to was an entry switch and that normally only edge switches should be plugged into the entry switch. (b)(6),(b)(7)(C) also explained that when (b)(6),(b)(7)(C) arrived he used NMAP to discover that port 22 and 8092 were open on the laptop that was discovered. (b)(6),(b)(7)(C) said that reviewed the packet capture and discovered 14 different IP addresses sending SSH traffic to the laptop. (b)(6),(b)(7)(C) did believe that some of the IP addresses were SSH background noise however he did note that (b)(6),(b)(7)(C) could be traced to the linerva server at MIT. The linerva server is a Linux dial up server run by the Student Information Processing Board at MIT. (b)(6),(b)(7)(C) stated that he was still working on analyzing the packet capture

On 02/07/11, (b)(6),(b)(7)(C) told SA (b)(6),(b)(7)(C) that he noticed that on 01/06/11 the laptop used by Swartz was briefly registered on the MIT network from building 4 of MIT. (b)(6),(b)(7)(C) noticed that during that time the laptop communicated with IP addresses (b)(6),(b)(7)(C) and (b)(6),(b)(7)(C) stated that those IP addresses are associated with Amazon Elastic Compute Cloud which is a web service that provides resizable compute capacity in the cloud.

Also on 02/07/11, (b)(6),(b)(7)(C) sent an email to AUSA Heymann to revise her estimate of how many documents were downloaded by Swartz. (b)(6),(b)(7)(C) stated that Swartz downloaded over 2.8 million documents in November and December of 2010. (b)(6),(b)(7)(C) also forwarded emails from (b)(6),(b)(7)(C) stating that the initial analysis of the activity indicated that the downloads were done systematically using sequential increases in stable URLs. The same email included a statement from (b)(6),(b)(7)(C) of JSTOR that the downloading did not appear to be targeted towards research articles or any particular titles, collections, or disciplines. For the 2.8 million downloads in November and December, the breakdown was 1,385,569 research articles, 938,063 reviews, 62,127 news articles and 9,472 editorials.

On 02/11/11, SA (b)(6),(b)(7)(C) ATSAIC (b)(6),(b)(7)(C) SA (b)(6),(b)(7)(C) SA (b)(6),(b)(7)(C) and Detective (b)(6),(b)(7)(C) executed a search warrant on Swartz's residence at 950 Massachusetts Avenue, Apartment (b)(6) Cambridge, Massachusetts. Swartz was home at the time the search was executed. While the search was conducted Swartz made statements to the effect of "what took you guys so long" and "why didn't you do this earlier?" The search team seized several items described in greater detail in the Evidence section of this report. After completing the search of Apartment (b)(6) the search team returned to the first floor to search the storage locker allocated to apartment (b)(6). While on the first floor SA (b)(6),(b)(7)(C) observed Swartz leave the building, walk to the street and sprint away after he reached the street. After ascertaining that none of the items in the storage locker belonged to Swartz the search team moved to 124 Mount Auburn Street in Cambridge, Massachusetts where the Harvard University, Edmond J Safra Center for Ethics is located and Swartz was listed as a lab fellow. The search team observed Swartz at the Safra Center for Ethics. Harvard University Police secured Swartz's office to prevent Swartz from destroying any evidence while a warrant was obtained. After a search warrant was obtained, the team searched Swartz's office at the Safra Center. SA (b)(6),(b)(7)(C) seized an Apple iMac computer and a Western Digital Hard drive from Swartz's office.

On 02/25/11, Detective (b)(6),(b)(7)(C) received the Acer Aspire netbook, hard drive enclosure, Western Digital hard drive contained in the enclosure, and the USB flash drive from Cambridge Police Property Technician (b)(6),(b)(7)(C). Detective (b)(6),(b)(7)(C) took the evidence items directly to the ECSAP Lab Evidence Vault.

SUSPECTS / DEFENDANTS:

AARON H SWARTZ - SUSPECT

1599: Yes  
1599A: No

(b)(6),(b)(7)(C)

SUBJECT

AKA: (b)(6),(b)(7)(C)  
RACE: White  
SEX: Male  
DOB: (b)(6),(b)(7)(C)  
SSN: [REDACTED]  
FBI: [REDACTED]  
SID: [REDACTED]  
HT: 5' - 10"  
WT: 120 lbs.  
EYES: Brown  
HAIR: Brown  
1599: No  
1599A: No  
PHOTO: No  
PRINTS: No  
POB:  
DL/STATE:  
ADDRESS:  
EMAIL:  
DATABASE CHECKS: 02/24/11

(b)(6),(b)(7)(C)

SUBJECT

AKA: N/A  
RACE: White  
SEX: Female  
DOB: (b)(6),(b)(7)(C)  
SSN: [REDACTED]  
FBI: N/A  
SID: N/A  
HT: N/A  
WT: N/A  
EYES: Brown  
HAIR: Brown  
1599: No  
1599A: No  
PHOTO: No  
PRINTS: No  
POB:  
DL/STATE:  
ADDRESS:  
EMAIL:  
DATABASE CHECKS: 02/24/11

EXAMS CONDUCTED:

ECSAP: Ongoing  
Poly: N/A  
FSD: N/A

DATABASE SEARCHES CONDUCTED:

MCI / CI: 01/07/11  
NCIC/NLETS: 01/07/11  
CCS/CFT: 01/07/11  
LOCAL LE: 01/07/11

Results of database searches have been reported under "Details of Investigation".

EVIDENCE / CONTRABAND / PERSONAL PROPERTY:

EVIDENCE SSF 1544 S/N: 102 2011 CE 31  
DATE OF INVENTORY: 02/11/11  
INVENTORY MADE BY: SA (b)(6),(b)(7)(C)  
DESCRIPTION OF ITEMS: Scientific Atlantic Modem SN# SM1565968  
Apple Multi Adapter SN# 6F9395M72U6  
Apple Multi Adapter SN# 6F7281NNU4S  
Black Notebook Journal  
SEIZED / OBTAINED FROM: Aaron Swartz  
LOCATION: Boston Field Office Evidence Vault  
DISPOSITION: Held pending judicial action.

EVIDENCE SSF 1544 S/N: 102 2011 CE 32  
DATE OF INVENTORY: 02/11/11  
INVENTORY MADE BY: SA (b)(6),(b)(7)(C)  
DESCRIPTION OF ITEMS: Harvard University Earning Statement  
Earning Statement Addressed to Aaron Swartz  
Master's Thesis M-876 Lind  
Western Digital Mail-in Rebate Form  
SEIZED / OBTAINED FROM: Aaron Swartz  
LOCATION: Boston Field Office Evidence Vault  
DISPOSITION: Held pending judicial action.

EVIDENCE SSF 1544 S/N: 102 2011 CE 33  
DATE OF INVENTORY: 02/11/11  
INVENTORY MADE BY: SA (b)(6),(b)(7)(C)  
DESCRIPTION OF ITEMS: Wireless-G 2.4 GHz Broadband Router Linksys  
MacBook Mac OSX Install Disc one and two  
MacBook User Guide in Gray Cardboard case  
Apple Care Service Letter Dispatch Ra276408  
Genius Bar Work Confirmation  
SEIZED / OBTAINED FROM: Aaron Swartz  
LOCATION: Boston Field Office Evidence Vault  
DISPOSITION: Held pending judicial action.

EVIDENCE SSF 1544 S/N: 102 2011 CE 34  
DATE OF INVENTORY: 02/11/11  
INVENTORY MADE BY: SA (b)(6),(b)(7)(C)  
DESCRIPTION OF ITEMS: Nokia Cell Phone  
T-Mobile, HTC G2 cell phone  
12 Magnetic Media Tapes  
SEIZED / OBTAINED FROM: Aaron Swartz  
LOCATION: Boston Field Office Evidence Vault  
DISPOSITION: Held pending judicial action.

EVIDENCE SSF 1544 S/N: 102 2011 CE 35  
DATE OF INVENTORY: 02/11/11  
INVENTORY MADE BY: SA (b)(6),(b)(7)(C)  
DESCRIPTION OF ITEMS: Metallic Blue iPod

White iPod with carrying case  
White iPod with serial number 8A6330856UX8A  
White iTalk  
Black 16GB Thumb-drive

SEIZED / OBTAINED FROM: Aaron Swartz  
LOCATION: Boston Field Office Evidence Vault  
DISPOSITION: Held pending judicial action.

EVIDENCE SSF 1544 S/N: 102 2011 CE 36  
DATE OF INVENTORY: 02/11/11  
INVENTORY MADE BY: SA (b)(6),(b)(7)  
DESCRIPTION OF ITEMS: Fifty-four miscellaneous compact discs  
Two hard drive enclosures  
T-Mobile Sidekick  
Sony Micro Vault

SEIZED / OBTAINED FROM: Aaron Swartz  
LOCATION: Boston Field Office Evidence Vault  
DISPOSITION: Held pending judicial action.

EVIDENCE SSF 1544 S/N: 102 2011 CE 36  
DATE OF INVENTORY: 02/11/11  
INVENTORY MADE BY: SA (b)(6),(b)(7)  
DESCRIPTION OF ITEMS: Fifty-four miscellaneous compact discs  
Two hard drive enclosures  
T-Mobile Sidekick  
Sony Micro Vault

SEIZED / OBTAINED FROM: Aaron Swartz  
LOCATION: Boston Field Office Evidence Vault  
DISPOSITION: Held pending judicial action.

EVIDENCE SSF 1544 S/N: 102 2011 CE 37  
DATE OF INVENTORY: 02/11/11  
INVENTORY MADE BY: SA (b)(6),(b)(7)(C)  
DESCRIPTION OF ITEMS: DVD-R with handwritten label  
Pocket notebook  
Pure Drive Quick start guide  
Disk utility internal hard drive upgrade kit  
Seagate Barracuda Hard Drive Installation Guide

SEIZED / OBTAINED FROM: Aaron Swartz  
LOCATION: Boston Field Office Evidence Vault  
DISPOSITION: Held pending judicial action.

EVIDENCE SSF 1544 S/N: 102 2011 CE 38  
DATE OF INVENTORY: 02/11/11  
INVENTORY MADE BY: SA (b)(6),(b)(7)(C)  
DESCRIPTION OF ITEMS: Apple iMac Model A1311 serial number WB025AXG087  
Western Digital Hard Drive SN WMANN1006724

SEIZED / OBTAINED FROM: Aaron Swartz  
LOCATION: Boston Field Office Evidence Vault  
DISPOSITION: Held pending judicial action.

EVIDENCE SSF 1544 S/N: 102 2011 CE 39  
DATE OF INVENTORY: 02/25/11  
INVENTORY MADE BY: SA (b)(6),(b)(7)(C)  
DESCRIPTION OF ITEMS: Acer Aspire One SN LOSAX00010011001E1601  
Rocketfish Enclosure with WD hard drive WMAZA1826675  
HP USB Drive marked 0045SMKBT1 85102

SEIZED / OBTAINED FROM: Cambridge Police  
LOCATION: Boston Field Office Evidence Vault  
DISPOSITION: Held pending judicial action.



DISPOSITION:

The San Francisco Field Office is requested to interview (b)(6),(b)(7)(C) and (b)(6),(b)(7)(C) to determine if Swartz discussed JSTOR or MIT with them and if they had any knowledge of Swartz's downloading of documents from JSTOR.

Case continued pending further investigation and judicial action.

(b)(6) (b)(7)(C)

Ricciardi

D1SDoc47 (Unauthorized activity on Massachusetts Institute of Technology network).txt

From: (b)(6),(b)(7)(C) (BOS)  
Sent: Tuesday, January 04, 2011 6:46 PM  
To: (b)(6),(b)(7)(C) (CID); (b)(6),(b)(7)(C) (CID); (b)(6),(b)(7)(C) (CID); (b)(6),(b)(7)(C) (CID);  
(b)(6),(b)(7)(C) (CID); (b)(6),(b)(7)(C) (WFO); (b)(6),(b)(7)(C) (CHI); (b)(6),(b)(7)(C) (REN)  
Subject: Unauthorized activity on Massachusetts Institute of Technology network  
Attachments: DSC01776.JPG; DSC01786.JPG; DSC01784.JPG

FYI

Unauthorized activity on Massachusetts Institute of Technology network  
On 01/04/11 Detective Joseph Murphy of the Cambridge Police Department and a member of the

(b)(6),(b)(7)(C)  
New England Electronic Crimes Task Force received a call from the (b)(6),(b)(7)(C)  
(b)(6),(b)(7)(C) MIT.EDU) of  
Massachusetts Institute of Technology Police that an unauthorized computer had been found in a wire closet on MIT grounds and Network Traffic suggested that the computer was being used to download technical journals. The computer was found in a wire closet of in the basement of Building 16, the Dorrance Building (77 Massachusetts Avenue) which has MIT Biological Engineering Department. (b)(6),(b)(7)(C)

(b)(6),(b)(7)(C) mit.edu), an (b)(6),(b)(7)(C)  
(b)(6),(b)(7)(C) for MIT stated  
that on 01/03/11 the library had notified him that someone was downloading large numbers of journals from the library without authorization. Large amounts of unauthorized downloading was first noticed by the library on 09/29/10 and on 11/23/10 there was another incident of excessive downloading. From 01/03/11 to 01/04/11 (b)(6),(b)(7)(C) was able to trace the activity to a particular switch in the wire closet. When (b)(6),(b)(7)(C) mit.edu) when to examine the wire closet he found the unauthorized computer connected to the switch. An external hard drive was connected to the netbook. The netbook was an Acer Aspire One with a serial number LUSAX0P001001100E1601. The netbook matches the description of an Acer netbook

(b)(6),(b)(7)(C)  
(b)(6),(b)(7)(C) reported as stolen to MIT Police on 12/31/10. The netbook appeared to be using two IP address (b)(6),(b)(7)(C) and (b)(6),(b)(7)(C) which are IP address belonging to MIT. Use of NMap showed that the netbook had port 22 and 8092 open. Port 22 is the default port for SSH (Secure shell network protocol) and port 8092 that is often associated with TCP (Transmission Control Protocol) traffic. Cambridge Police processed the scene for prints. Stickers on the outside of the netbook showed that it was originally loaded with windows 7 starter edition but an examination of the screen indicated that the current operating system was Ubuntu, a type of Linux. The login screen showed a computer name of "ghost-laptop" with the user "Gene Host" logged in. The login screen had a password. All efforts to bypass the login screen were futile. (b)(6),(b)(7)(C) started a wireshark packet capture of traffic on the switch around 9AM on 01/04/11 and the packet capture is continuing. (b)(6),(b)(7)(C) provided s (b)(6),(b)(7)(C) with a copy of flow traffic on the network. The flow traffic is currently being

Page 1

D15Doc47 (Unauthorized activity on Massachusetts Institute of Technology network).txt  
uploaded to the CERT  
dropbox. MIT decided to leave the netbook running in place with the hopes of  
capturing more  
network traffic to show if a suspect was controlling the netbook through a SSH  
channel and if the  
network traffic can show where the suspect is controlling the netbook from. MIT  
placed a camera in  
the wire closet to observe if the suspect returns for the netbook. MIT also  
established an alarm to  
notify MIT if the netbook is removed from the network. The technical journals being  
downloaded  
have a monetary value. All MIT students have access to view the journals but are  
limited as to how  
much they can download and anyone outside of MIT including students after they  
graduate have to  
pay a substantial subscription to access the files. The price for downloading one  
file can vary from  
\$200.00 to \$3,000.00. Total value of the downloaded files could be in excess of  
\$50,000.00.

(b)(8),(b)(7)(C)

U.S. Secret Service  
Boston Field Office

(b)(8),(b)(7)(C)

**WordPerfect Document Compare Summary**

Original document: N:\(b)(6)(b)(7)  
(c) a Seizure Warrants\Swartz, Aaron (Heyman)\Seizure Warrant  
Aff Draft 5-12-10.wpd

Revised document: N:\(b)(6)(b)(7)  
(c) a Seizure Warrants\Swartz, Aaron (Heyman)\Final Seizure  
Warrant Draft.wpd

Deletions are shown with the following attributes and color:

~~Strikeout~~, Blue RGB(0,0,255).

Deleted text is shown as full text.

Insertions are shown with the following attributes and color:

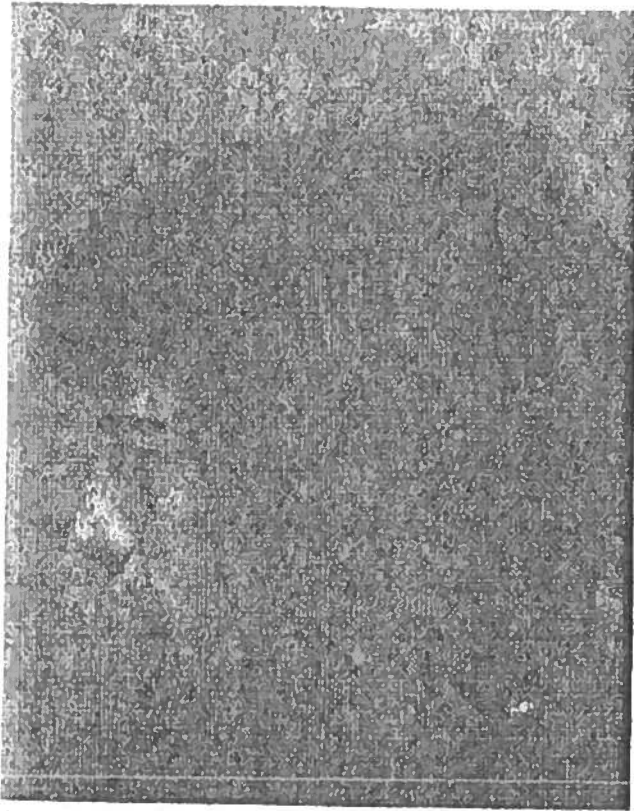
Double Underline, Redline, Red RGB(255,0,0).

The document was marked with 22 Deletions, 26 Insertions, 0 Moves.



01/06/2011 15:03:00(1100000437) AARON SWARTZ H





01/06/2011 15:03:00(1100000437) AARON SWARTZ H



01/06/2011 15:04:00(1100000437) AARON SWARTZ H



CAMBRIDGE POLICE DEPARTMENT  
CAMBRIDGE, MA

### Property Custody

Property Item Information			
Agency Name	Incident #	Tag Number	Classification
CAM-PD	11000078	11000078	EVIDENCE
Current Status	DT Status		
ACTIVE			
Entered By: ID / Name	DT Entered		
(b)(6),(b)(7)(C)	02/03/2011 11:29:10		
Updated By: ID / Name	DT Updated		
(b)(6),(b)(7)(C)	02/25/2011 09:01:13		



<b>Item Description</b>			
<b>Property Type</b> COMPUTER HARDWARE/SOFTWARE		<b>Quantity</b> 3	<b>Estimated Value</b>
<b>Description</b> 1 SEALED PLASTIC BAG WITH COMPUTER, HARD DRIVE, CORD			
<b>Make</b>	<b>Model</b>	<b>Color</b>	<b>Serial Number</b>
<b>Owner Information</b>			
<b>Name</b>	<b>MINI Number</b>	<b>Phone</b>	
<b>Address</b>	<b>City</b>	<b>State</b>	<b>Zip Code</b>

## Notations

<b>Notation #: 1 Type: AUDIT</b>	
<b>ID / Name</b> (b)(6),(b)(7)(C)	<b>DT Entered</b> 02/22/2011 09:46:28

<b>Notation #: 2 Type:</b>	
<b>ID / Name</b> (b)(6),(b)(7)(C)	<b>DT Entered</b> 02/22/2011 15:43:53

<b>Notation #: 3 Type: NOTATION</b>	
<b>ID / Name</b> (b)(6),(b)(7)(C)	<b>DT Entered</b> 02/25/2011 09:00:35

<b>Notation Text</b>	
removed after Audit Turned over to De (b)(6),(b)(7)(C)	

## Custodies

Custody Information		
Transfer Type CHECKOUT		DT Transferred 02/25/2011 09:01:13
Entered By: ID / Name (b)(6),(b)(7)(C)		DT Entered 02/25/2011 09:01:13
Transfer From Information		
Personnel/Officer ID (b)(6),(b)(7)(C)	Name (b)(6),(b)(7)(C)	Agency Name CAM-PD
Transfer To Information		
Personnel/Officer ID (b)(6),(b)(7)(C)	Name (b)(6),(b)(7)(C)	Agency Name CAM-PD
Code SS	Name SS	Business File
External Person Name		Lab Submission Number
Custody Notations		
REMOVED BY (b)(6),(b)(7)(C) FOR SEARCH WARRENT		

Custody Information		
Transfer Type MOVE		DT Transferred 02/11/2011 15:09:05
Entered By: ID / Name (b)(6),(b)(7)(C)		DT Entered 02/22/2011 15:09:05
Transfer From Information		
Location ID UNIT	Shelf	Bin
Personnel/Officer ID (b)(6),(b)(7)(C)	Name (b)(6),(b)(7)(C)	Agency Name CAM-PD
Transfer To Information		
Location ID LAB LOCKER	Shelf	Bin
Personnel/Officer ID (b)(6),(b)(7)(C)	Name (b)(6),(b)(7)(C)	Agency Name CAM-PD
Custody Notations		
PROCESSED ALL ITEMS. POSITIVE RESULTS FOR LATENTS.		

Custody Information		
Transfer Type <b>MOVE</b>		DT Transferred 02/03/2011 11:35:53
Entered By: ID / Name (b)(6),(b)(7)(C)		DT Entered 02/22/2011 15:05:53
Transfer From Information		
Location <b>ID LAB LOCKER</b>	Shelf	Bin
Personnel/Officer ID (b)(6),(b)(7)(C)	Name (b)(6),(b)(7)(C)	Agency Name <b>CAM-PD</b>
Transfer To Information		
Location <b>ID UNIT</b>	Shelf	Bin
Personnel/Officer ID (b)(6),(b)(7)(C)	Name (b)(6),(b)(7)(C)	Agency Name <b>CAM-PD</b>
Custody Notations		
REPACKAGED ITEMS IN A SEALED LARGE BROWN PAPER BAG AND CONTAINS: 1 ACBR LAPTOP, 1 EXTERNAL HARDDRIVE COMPARTMENT W/ REMOVEABLE UNIT, ELECTRICAL CORDS.		

Custody Information		
Transfer Type <b>CHECKIN</b>		DT Transferred 02/03/2011 11:31:26
Entered By: ID / Name (b)(6),(b)(7)(C)		DT Entered 02/03/2011 11:31:26
Transfer From Information		
Personnel/Officer ID (b)(6),(b)(7)(C)	Name (b)(6),(b)(7)(C)	Agency Name <b>CAM-PD</b>
Transfer To Information		
Location <b>ID LAB LOCKER</b>	Shelf	Bin
Personnel/Officer ID (b)(6),(b)(7)(C)	Name (b)(6),(b)(7)(C)	Agency Name <b>CAM-PD</b>

## CRIME SCENE Processing Worksheet



Case #: 11-000078 Type of Crime: Computer Crime

Date Processed: (M T W T H F S Sun) 11/4/11 Time Processed: 11:05 AM

Processing Location: 21 Avals St.

Technician: (b)(6), (b)(7)(C)

Det. Assigned: <u>(b)(6), (b)(7)(C)</u> Suspect(s): _____	Officers Assisting: <u>MIT POLICE, SS</u> Victim(s): <u>MIT</u>
Weather Conditions: Indoors/Outdoors _____ Sun/Clouds _____ Wet/Dry _____ Approx. Temp _____ F Other _____	Scene Conditions: <u>Dusty / Dirty Basement Storage closet / w/ internet computer network portals or paraphernalia</u>
Photos Taken: <input checked="" type="radio"/> Y <input type="radio"/> N      # of Photos: <u>85</u>	Total # of Packages Submitted: <u>1 Package</u> <u>1 LPLs</u>

**NOTES:** Building 16 closet # 16-046 (basement level)

- Acer laptop on top of a hard drive - covered by a brown cardboard box; Acer connected into the wall via left outlets (2 plugs). wall opposite plugs a grey wire connects laptop to Cisco systems catalyst 4006 in Row #4, plug #2.
- Macbook put in by MIT Post-crime
- Pictures taken of various graffiti on walls of closet
- # on the plug (left side): A0400100295304DD07100
- Hard Drive: Model - HD154U1      Laptop:  
 HDD Pin - HD154U1 (Y)  
 S/N - S2Y6WJ2CZ80P326
- filmed + superglued inside + outside of hard drive
- battery of plug dusted - IRD
- plug in wall dusted

Case #: 11-000078

Tech: (b)(6), (b)(7)(C)

INV #	Quantity	Evidence Description	Package Type	Results
LP1	(1)	Fingerprint lift, bottom rt. corner of inside of hard drive	12:21 PM	1/4/11
LP2	(1)	fprint lift top rt. corner of inside of hard drive	12:24 PM	1/4/11
LP3	(1)	f.print lift middle left side of screen of laptop	12:26 PM	1/4/11
LP4	(1)	f.print lift upper left corner of laptop screen	12:30 PM	1/4/11
LP5	(1)	f.print lift upper rt. corner of laptop screen	12:32 PM	1/4/11
LP6	(1)	f.print, middle rt. side of laptop screen	12:45 PM	1/4/11
LP7	1	LP before fumigation - above area for LP6, upper @ corner of screen (CS1)	0953	2/10/11
LP8	1	LP after fumigation - top of CS2a, to the left middle of large label; covers areas of both label and silver metal background	11:50 AM	2/10/11
LP9	1	LP after fumigation - powder	1223 PM	2/10/11

Time Cleared: 1:00 PM

page 2 of 4

## EVIDENCE Processing Worksheet



Case #: 11-00078 Type of Crime: Computer Crime  
 Date Processed: (M T W TH F S Sun) 2/3/11 Time Processed: 11:35  
 Processing Location:  125 Sixth St. (Station) 2/10/11

Technician:  Other: (b)(6), (b)(7)(C)

Date of Evidence Submission: <u>2/3/11</u>	Submitting Officer: <u>Property</u>
Suspect(s): <u>Aaron SWARTZ</u>	Victim(s):
Officers Assisting: <u>NONE</u>	Off Assigned: <span style="border: 1px solid black; padding: 2px;">(b)(6), (b)(7)(C)</span>
Photos Taken: <input checked="" type="checkbox"/> Y    # of Photos: <u>7</u>	Total # of Packages Submitted: <u>2</u>

INV #	Quantity	Evidence Description	Remarks
<u>E1</u>	<u>(1)</u>	<u>black plastic bag</u>	<u>(s) clear plastic evidence bag</u>
<u>CS1</u>	<u>(1)</u>	<u>Mini laptop black base w/ silver top</u>	<u>46 + 22 add on 2/10/11</u>
<u>CS2</u>	<u>1</u>	<u>External Hard Drive Compartment</u>	<u>(s) clear plastic evidence bag - Neg</u>
<u>CSa</u>	<u>1</u>	<u>External Hard Drive - Removable Unit</u>	<u>Pos. 11PL</u>

-Det. (b)(6), (b)(7)(C) came in at 11:30 on 2/3/11 + took pictures of these items to use for the affidavit, packages were sealed then opened in ID Unit

Case #: 11-100078  
 Tech: b(6), b(7)(C)

INV#	Quantity	Evidence Description	Package Type	Results
------	----------	----------------------	--------------	---------

\* ITEM E1 REPACKAGED IN (S) Man Env. w/ original plastic packaging.

\* ITEMS CS1, CS2, CS2a REPACKAGED IN (S) LGBP w/ original plastic packaging.

\* CS2a is different hard drive than what processed on 1/4/11. 2 LPLs from CS2 hard drive @ scene. This hard drive not turned into ID Unit. New hard drive CS2a contains 1 LPL of value for further evaluation.

Processing Methods

<input checked="" type="radio"/> Y	<input type="radio"/> N	ALS Used		<input type="radio"/> Y	<input checked="" type="radio"/> N	DNA collected	
<input checked="" type="radio"/> Y	<input type="radio"/> N	Fuming <sup>4</sup> / <sub>2</sub> CYA - 01/05-02 102110		<input type="radio"/> Y	<input checked="" type="radio"/> N	Trace collected	
<input type="radio"/> Y	<input checked="" type="radio"/> N	Ninhydrin		<input type="radio"/> Y	<input checked="" type="radio"/> N	Ballistics collected	
<input checked="" type="radio"/> Y	<input type="radio"/> N	Traditional Black Powder		<input type="radio"/> Y	<input checked="" type="radio"/> N	Other reagents	
<input type="radio"/> Y	<input checked="" type="radio"/> N	Other Powders		<input type="radio"/> Y	<input checked="" type="radio"/> N		
<input type="radio"/> Y	<input checked="" type="radio"/> N	Other techniques					

Date	Description of Casework	Time Committed
02/10	documentation/processing	
01/11/11	fuming #2 of CS2a	

Boston Police Department  
Physical Comparison Unit  
One Schroeder Plaza  
Boston, MA 02120

Report of the Latent  
Print Section  
Tel. (b)(6),(b)(7)(C)  
Fax: 617-343-6024

CC#: 110099836 LAT#: 11-0192 Unit: Outside Agency Date: 3/7/2011

Incident: Investigation for another Agency

Victim: MIT

Suspect(s): SWARTZ, Aaron DOB: 11/08/1986

Investigator: Assigned

Examination Requested: Fingerprint Evaluation and Comparison

**Item Examined:**

Item 1: One (1) CD, submitted by the Cambridge Police Department, containing fourteen (14) images as follows:

Twelve (12) images of latent LP8 reportedly recovered from the "surface of an internal hard-drive unit"

One (1) image of an incident report

One (1) image of a ten-print card in the name of SWARTZ

Exemplar Available for the following subject:

Ten-print image received from Cambridge Police Department on Item 1:

One (1) card of ten prints for SWARTZ, Aaron (OBTN# TCAM201100032)

**Results of Examination:**

**Services Performed:**

A request was made to evaluate the above listed evidentiary item for identifiable latent impressions and compare any to the known impressions of SWARTZ.

**Findings:**

Cambridge Police Department latent LP8 was assigned 1A for the purposes of comparison within the Boston Police Department's Latent Print Section.

One (1) latent, 1A, with sufficient ridge detail for individualization purposes was found on item 1.



An ASCLD/LABO Accredited Laboratory since 2009



CC# 110099836  
LAT# 11-0192  
Date: 3/07/2011  
Page: 2

Latent 1A was compared to the exemplar prints for SWARTZ and was **INDIVIDUALIZED** in the following manner:  
1A - as his left thumb

**Comments:**

The evidentiary latent will be maintained in the Latent Print Section.

Please notify us of any change in status regarding this case.

The results detailed in this report are supported by testing documentation. The original supporting documentation is available for review at the unit and may consist of worksheets, notes, instrument tracings, and possible photographs.

Respectfully submitted,

(b)(6) (b)(7)(C)

[Redacted signature area]

Reviewed by:

(b)(6), (b)(7)(C)

[Redacted signature area]

Senior Criminalist

(b)(6)



An ASCLD/LABO Accredited Laboratory since 2009

Boston Police Department Latent Print Section

CC# 11009836 LAT# 11-0192

Analyst (b)(6)(b)(7)(C)



**COMPARISON TECHNICAL AND ADMINISTRATIVE REVIEW CHECKLIST**

Technical Reviewer (b)(6),(b)(7)(C)

Date 3/8/11

**FINGERPRINT WORK SHEET AND ASSESSMENT OF DATA**

- A. Do sample descriptions listed match the Chain of Custody Form?
- B. Were methods used in the proper sequence?
- C. Was a date recorded at the time any analysis/comparison technique was performed?
- D. Do notes and any independent Analysis, Comparison and Evaluation of any prints support the findings of the report?  
 No Value \_\_\_\_\_  
 Individualization 1A \_\_\_\_\_  
 Elimination \_\_\_\_\_  
 Inconclusive \_\_\_\_\_  
 Of Value \_\_\_\_\_
- E. Does the technical reviewer concur with findings of report?

Comments:

Administrative Reviewer (b)(6),(b)(7)(C)

Date 3/8/11

- A. CC #, LAT # and Evidence description match the Chain of Custody Form?
- B. Submitting agency, investigator, suspect, victim, DOB, CR#, CC# match the documentation within the casefile?
- C. Chain of Custody complete? Signed and dated appropriately?
- D. Are all pages numbered and initialed on the Examination Documents?
- E. CC# and LAT # written on all pages of the case file?
- F. Has information has been entered into all relevant databases (ET, Peer Review Log, AFIS/IAFIS, Firearm, etc.)?
- G. Are SID/CR #'s accurate?
- H. Have analysis images been added to the server?

Comments:

**Boston Police Department Latent Print Section**

**LATENT PRINT COMPARISON WORKSHEET**

CC#: 110099836 Start Date: 3/1/2011 End Date: 3/1/11  
LAT#: 11-0192 Analyst: (b)(6),(b)(7)(C)  
Incident: Inv. For another agency Page: 1  
Item#: 1 Total Pages: 7 *Revised 3/1/11* (b)(6),(b)(7)(C)

ACCESSED VIRTUAL FOLDER FROM SECURED LATENT PRINT SECTION STORAGE AREA NETWORK

**PACKAGING**

Manila envelope                       Evidence envelope                       Brown paper evidence bag  
 Clear plastic evidence bag               Other \_\_\_\_\_                       Other \_\_\_\_\_

**SECURED BY**

Yellow evidence tape                       Red evidence tape                       Blue evidence tape  
 Clear plastic tape                       Other \_\_\_\_\_                       Other \_\_\_\_\_

**MARKINGS**

Packaging                       Seal (SD)                       Label                       Other  
110099836 (1)

**PACKAGE/VIRTUAL FOLDER CONTAINED:**

- 1: One (1) CD containing fourteen (14) images as follows:  
Twelve (12) images are of a latent (described as LP8) reportedly from the "surface of an internal hard-drive unit"  
One (1) image is an incident report (see pages 2-3)  
One (1) image is a ten-print card in the name of SWARTZ, Aaron  
(OBTN# TCAM201100032)

**PROCESS:**

VIS/ Adobe Photoshop/ see page 4 for ACE- Latent EP8 will be assigned IA for purposes of comparison in the Boston Police Department's Latent Print Section.

**RESULTS: TOTAL LATENTS: 1**

Sufficient ridge detail for individualization purposes present  
Latent(s): 1A \_\_\_\_\_ Total: 1  
Latent(s): \_\_\_\_\_ Total: \_\_\_\_\_

Insufficient ridge detail for individualization purposes present  
Latent(s): \_\_\_\_\_ Total: 0  
Latent(s): \_\_\_\_\_ Total: \_\_\_\_\_

No APIS searches conducted at this time

AFIS: \_\_\_\_\_ Not AFISable                      \_\_\_\_\_ Searched as NO ADD                      \_\_\_\_\_ Searched as ADD  
Latent(s): \_\_\_\_\_

No IAFIS searches conducted at this time

IAFIS: \_\_\_\_\_ Not IAFISable                      \_\_\_\_\_ Searched as NO ADD                      \_\_\_\_\_ Searched as ADD  
Latent(s): \_\_\_\_\_



CAMBRIDGE POLICE DEPARTMENT  
CAMBRIDGE, MA

**Incident Report #11000078**

Report Entered: 02/11/2011 17:28:22

11 0099836  
11-0192  
Inv. For another Agency  
3-1-11  
page 2  
AL

<b>Case Title</b>	<b>Location</b>	<b>App/Unit #</b>
MIT COMPUTER CRIMES	21 AMES STREET	BLD 1
<b>Date/Time Reported</b>	<b>Date/Time Occurred</b>	
01/04/2011 10:40:00	to	
<b>Incident Type/Offense</b>		
1.) MISCELLANEOUS STATUTORY VIOLATION —		
<b>Reporting Officer</b>	<b>Approving Officer</b>	
(b)(6),(b)(7)(C)	(b)(6),(b)(7)(C)	

**Persons**

Role	Name	Sex	Race	Age	DOB	Phone	Address
------	------	-----	------	-----	-----	-------	---------

**Offenders**

Status	Name	Sex	Race	Age	DOB	Phone	Address
--------	------	-----	------	-----	-----	-------	---------

**Vehicles**

**Property**

Class	Description	Make	Model	Serial #	Value
-------	-------------	------	-------	----------	-------

**Narrative**

**EVIDENCE:**

The following items were documented on scene with notes and photographs only and not collected at this time.

- CS1: (1) mini laptop: Acer, Aspireone, SN: LUSAXoDco1001E1601, SNID: 00108566016. Laptop is described as a black base w/ silver top.
- CS2: (1) External harddrive compartment: Silver w/ top & bottom that separate from each other exposing an internal removable unit (CS2b). The compartment reads, "RocketFish" on the top and bottom reads, "RF 3.5 SATA lid enclosure kit RF-AHD35" Inside the compartment is a green electronic circuit panel. A USB cord connects CS2 to CS1.
- CS2b: (1) inner hard drive unit, or internal removable unit located inside CS2. Unit is a Samsung, Model: HD154UI, SN: S1Y6J1C2800326.

The following evidence collected on scene by me on 01/04/2011 and sealed in a small coin envelope.

- LP1: (1) small clear hinge lifter from the bottom right corner of the inner hard-drive unit (CS2b). Collected at approx. 1221 hours.
- LP2: (1) small clear hinge lifter from the top right corner of the inner hard drive unit (CS2b). Collected at approx. 1224 hours.
- LP3: (1) small clear hinge lifter from the middle left side of laptop screen (CS1). Collected at approx. 1226 hours.
- LP4: (1) small clear hinge lifter from the upper left corner of the laptop screen (CS1). Collected at approx. 1230 hours.
- LP5: (1) small clear hinge lifter from the upper right corner of the laptop screen (CS1). Collected at approx. 1232 hours.
- LP6: (1) small clear hinge lifter from the middle right side of the laptop screen (CS1). Collected at approx. 1245 hours.

PHOTOS: (83) photos collected on scene on 01/04/2011.

11 2011 836  
11-61192  
Inv. by another Agent  
3-1-11 JH  
PA 830 RH

.....

**NARRATIVE:**

(b)(6),(b)(7)(C)

On January 4, 2011, (b)(6),(b)(7)(C) and I responded to the MIT Police Station to assist with an incident that occurred within BLDG #18. We were escorted to the location by CPD Detective (b)(6),(b)(7)(C) MIT Detectives and other Secret Service Agents. At approx. 1105 hours, we arrived at Bldg 18 and proceeded to the basement level to a closet (labeled #18-0041) that was secured by MIT officers on scene. We observed double doors opening to a closet area containing phone and computer network portals according to MIT IT specialists on site. The closet was approx. 4 foot deep by 6 feet wide, the floor covered in dust and electrical/computer/phone panels lined the walls, some w/ wires plugged into the panels/units. I observed a chair in the center of the room with a laptop on top. We were advised this was placed there by MIT IT specialists. On the floor, I also observed a cardboard box turned over, a small laptop (CS1), and a silver harddrive compartment (CS2) with power cords and data cables connecting them to the computer panels on the wall. Specifically, a grey wire connects the laptop to a Cisco Systems Catalyst 4006 in Row #4, plug #2.

The scene was documented with notes and photographs. Then I examined the laptop, hard drive compartment and inner unit (CS1, CS2, CS2b) and accompanying power cords and USB cords for any visible ridge detail. Faint ridge detail was observed on the laptop screen. I turned the laptop, hard-drive and inner unit (CS1, CS2, CS2b) and power/USB cords with a portable fuming wand. I then used traditional black fingerprint powder to enhance any ridge detail on the surfaces of those items. Ridge detail was observed on the inner hard drive unit (CS2b) and resulted in 2 latent print lifts (LP1, LP2). Ridge detail was also observed surrounding the laptop screen (CS1) resulting in 4 latent print lifts (LP3-LP6). No further ridge detail was observed on any other surfaces.

The items CS1, CS2 and CS2b were left in the custody of MIT Detectives and Secret Service Agents.

We cleared the scene at approx. 1300 hours.

Boston Police Department Latent Print Section

LATENT PRINT COMPARISON WORKSHEET

CC#: 110099836  
 LAT#: 11-0192  
 Incident: Inv. for another Agency

Start Date: 3/1/2011  
 Analyst: (b)(6) (b)(7)(C) [Signature]  
 Page: 4 [Signature] AL

Date: 3/1/2011 [Signature]  
 DSC: abtz

ANALYSIS/COMPARISON

LAPD Ident	PU not suitable QV for Identification			L1	L2	L3	Forensic origin from the the item ridge with other than the fingers	AVIS/AVIS Quality	Inconclusive	Individualization	ID to Card	Finger/Palm
	1A	1B	1C									
1A		✓	✓	✓					N	Y	SWARTZ	Left Thumb
Nothing Follows												

1	SWARTZ, Aaron	Identifier	Type
2		Request	Type
3		Request	Type
4		Request	Type

**Boston Police Department Latent Print Section**

**LATENT PRINT COMPARISON WORKSHEET**

CC#: 110099838

Start Date: 3/1/2011

LAT#: 11-0192

Analyst: (b)(6) (b)(7)(C)

Incident: Robbery inv. for another agency

Page: 5

RL

**VERIFICATION**

**EVALUATION**

**ANALYSIS/COMPARISON**

Date: 2/2/11  
Analyst: RL

Finger Print		ID to Card	EVALUATION										
#6 L Thumb		SWARTZ	Indistinguishable	Inconclusive	APPEARANCE Quality	Possibly originated from the the finger	FD not sufficient Q/Q for Ident. Identification	FD sufficient Q/Q for Individualization	LI	LI	LI		
nothing follows													

Request:	Request:	Request:	Request:	Request:	Request:
1	SWARTZ, Aaron	Identifier: ORIN TCAM20U0811	Type: TP	Identifier:	Type:
2		Identifier:	Type:	Identifier:	Type:
3		Identifier:	Type:	Identifier:	Type:
4		Identifier:	Type:	Identifier:	Type:
5		Identifier:	Type:	Identifier:	Type:
6		Identifier:	Type:	Identifier:	Type:

Boston Police Department Latent Print Unit

CC#: 110099836

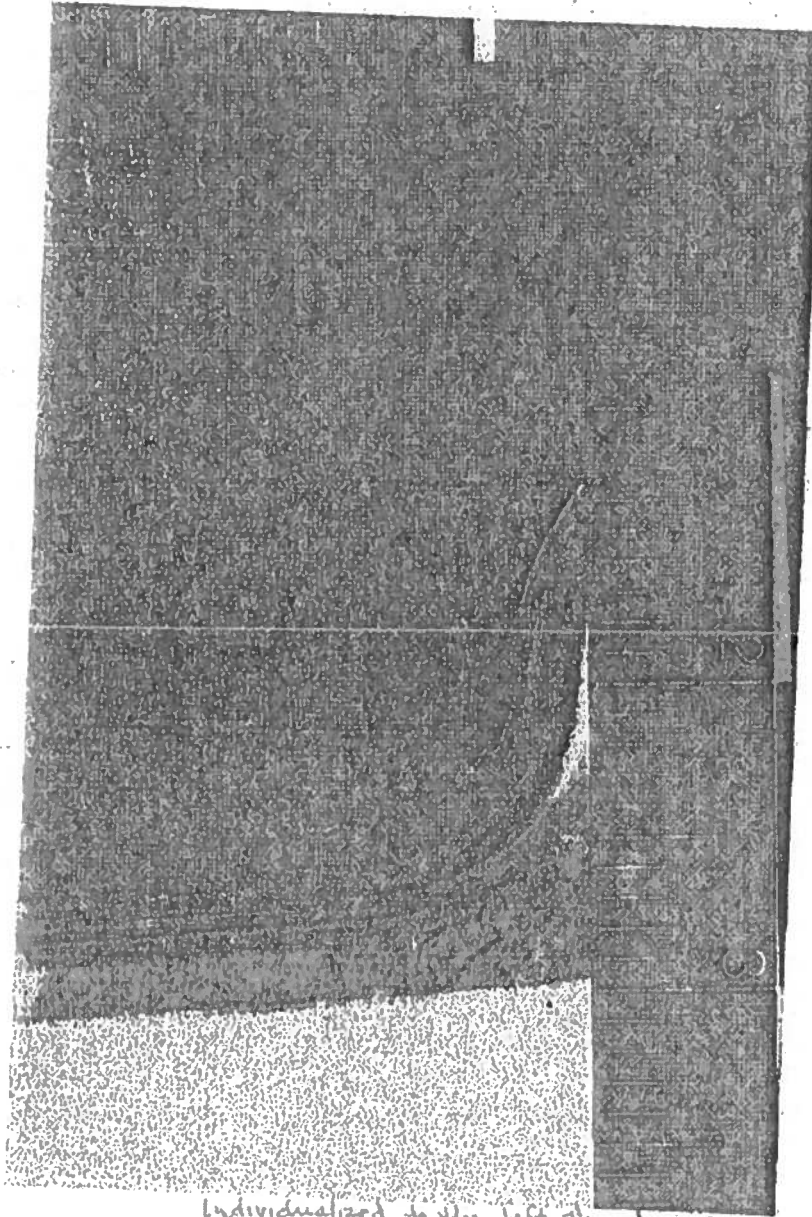
LAT#: 11-0192

Incident: Inv. for another Agency

Start Date: 3/1/11

Analyst: Jah *ja*

Page # 6 *pk*



Latent 1A

Individualized to the left thumb  
of SWARTZ, CLAREN COSTIN # TEAM201100032  
3/1/11 *ja*

Verified 3/2/11 *(b)(6)(b)(7)(C)*



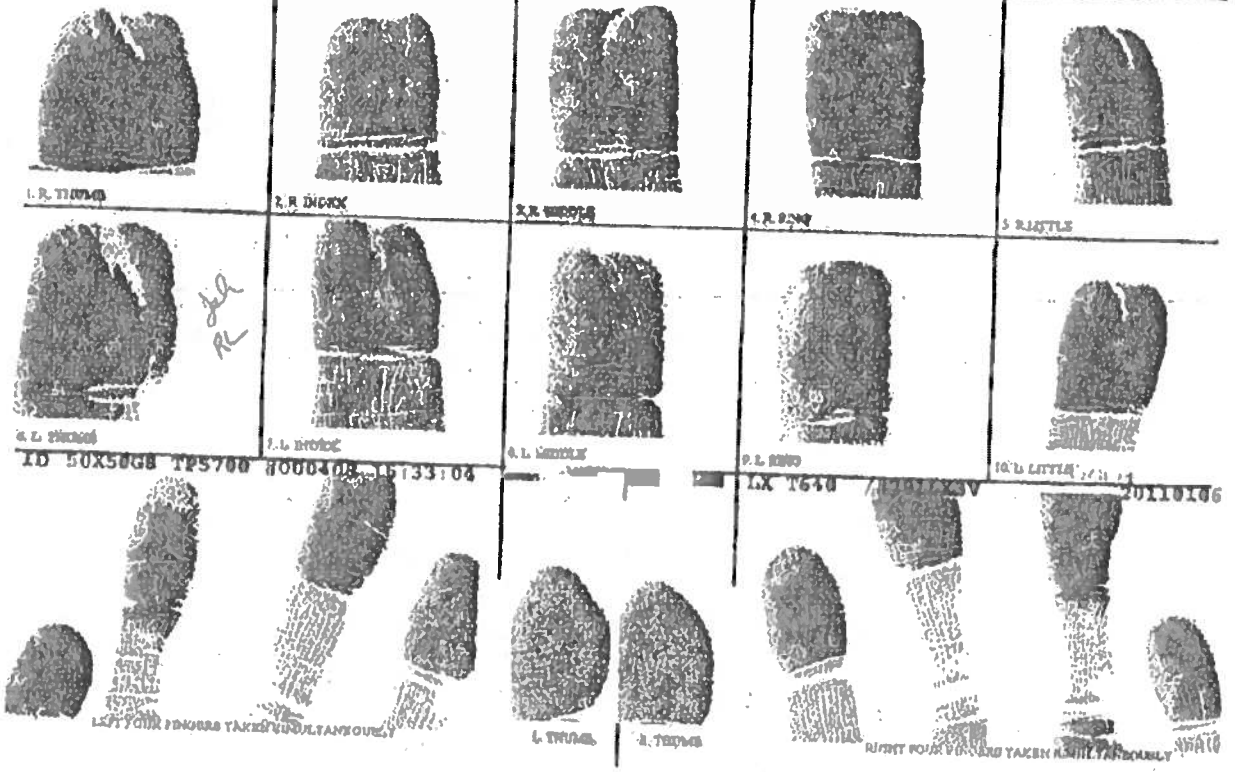
110049836  
 LAP# 11-0192  
 Inv. for daughter Ag  
 3/1/2011  
 page 7  
 RL

Case# TCAN201100032

MASSACHUSETTS DEPARTMENT OF STATE POLICE  
 IDENTIFICATION SECTION  
 50 HORSE POND ROAD, SUDBURY, MA 01776

DATE 010611	SIGNATURE OF OFFICIAL TAKING PHOTO (b)(6), (b)(7)(C)	TYPE OF PRINT ALL OR PARTIAL LAST NAME FIRST NAME	DATE OF BIRTH Month Day Year	SEX	HAIR
COMMITTEE ON PAROLE AND PARDONS CAMBRIDGE PD		SWARTZ, AARON H	11-08-1986	M	W
ARRESTING OFFICER(S)		SIGNATURE OF IDENTIFIER	PLACE OF BIRTH		
DEPARTMENT OF CORRECTIONS		ALIASES	IL		
DATE OF ARREST 01-06-2011	(b)(6), (b)(7)(C)	PHOTO ADDRESS	HT 506	WT 130	AGE BRO
			SOCIAL SECURITY NO		
			PHONE		

NOTE IN SPACE BELOW REASON FOR MISSING OR POOR IMPRESSIONS DUE TO AMPUTATIONS, DEFORMITY, INJURY OR CONDITIONS OF HANDS





One Schroeder Plaza  
Boston, MA 02120  
617-343-4465

Date/Time Printed: 2/25/2011 3:04:23 PM      User: (b)(6),(b)(7)(C)      Unit ID: Firearms Analysis Unit

### Custody Receipt

Transaction Type:	Check In	New Item Status:	Checked In
Incident #:	110099836	Type: INVESTIGATION FOR ANOTHER AGENCY	Date: 2/25/2011

LAT #: 11-0192

1 Item ID: 110099836-1  
Category: Forensics  
Source: other  
Description: Assistance to outside agency. Request for comparison of Latent submitted.  
Facility: Latent Print Unit      Location: Latent Print Unit

From: (b)(6),(b)(7)(C)      Signature: (b)(6),(b)(7)(C)      Date: 25 FEB 11

To: (b)(6),(b)(7)(C)      Signature: (b)(6),(b)(7)(C)      Date: 25 FEB 11

February 23, 2011

Hi (b)(6),(b)(7)(C)

I truly appreciate your help with this. I know the work load you are up against.

The submitted photos are of 1 latent, labeled LP8. It was developed on the surface of an internal hard-drive unit. The photos are taken prior to any processing. Only an ALS was used. Once the item was fumed and processed the detail was minimized or lost.

Thank you again. Feel free to contact me with questions or to allow me to return the favor of assisting you with any casework.

(b)(6),(b)(7)(C)



CAMBRIDGE POLICE DEPARTMENT  
CAMBRIDGE, MA

### Property Custody

Property Item Information			
Agency Name CAM-PD	Incident # 11000078	Tag Number 11000078-5	Classification EVIDENCE
Current Location ID UNIT	Shelf		Bin
Current Status ACTIVE		DT Status 02/22/2011 17:01:52	
Entered By: ID / Name (b)(6),(b)(7)(C)		DT Entered 02/22/2011 16:50:13	
Updated By: ID / Name (b)(6),(b)(7)(C)		DT Updated 02/22/2011 18:15:21	

<b>Item Description</b>			
<b>Property Type</b> PHOTOS	<b>Quantity</b>	<b>Estimated Value</b>	
<b>Description</b> (85) PHOTOS TAKEN ON SCENE			
<b>Maka</b>	<b>Model</b>	<b>Color</b>	<b>Serial Number</b>
<b>Owner Information</b>			
<b>Name</b>	<b>MNI Number</b>	<b>Phone</b>	
<b>Address</b>	<b>City</b>	<b>State</b>	<b>Zip Code</b>

### Notations

<b>Notation #: 1 Type: AUDIT</b>	
<b>ID / Name</b>	<b>DT Entered</b>
(b)(8),(b)(7)(C)	03/09/2011 20:10:46

## Custodies

Custody Information		
Transfer Type MOVE		DT Transferred 01/04/2011 13:05:15
Entered By: ID / Name (b)(6),(b)(7)(C)		DT Entered 02/22/2011 18:15:21
Transfer From Information		
Location CRIME SCENE	Shelf	Bin
Personnel/Officer ID (b)(6),(b)(7)(C)	Name (b)(6),(b)(7)(C)	Agency Name CAM-PD
Transfer To Information		
Location ID UNIT	Shelf	Bin
Personnel/Officer ID (b)(6),(b)(7)(C)	Name (b)(6),(b)(7)(C)	Agency Name CAM-PD

Custody Information		
Transfer Type MOVE		DT Transferred 01/04/2011 13:05:52
Entered By: ID / Name (b)(6),(b)(7)(C)		DT Entered 02/22/2011 17:01:52
Transfer From Information		
Personnel/Officer ID (b)(6),(b)(7)(C)	Name (b)(6),(b)(7)(C)	Agency Name CAM-PD
Transfer To Information		
Location CRIME SCENE	Shelf	Bin
Personnel/Officer ID (b)(6),(b)(7)(C)	Name (b)(6),(b)(7)(C)	Agency Name CAM-PD



CAMBRIDGE POLICE DEPARTMENT  
CAMBRIDGE, MA

## Property Custody

Property Item Information			
Agency Name	Incident #	Tag Number	Classification
CAM-PD	11000078	11000078-6	EVIDENCE
Current Location	Shelf		Bin
ID UNIT			
Current Status		DT Status	
ACTIVE		02/22/2011 17:02:30	
Entered By: ID / Name		DT Entered	
(b)(6),(b)(7)(C)		02/22/2011 17:01:52	
Updated By: ID / Name		DT Updated	
(b)(6),(b)(7)(C)		02/22/2011 17:02:30	

<b>Item Description</b>			
<b>Property Type</b> PHOTOS	<b>Quantity</b> 7	<b>Estimated Value</b>	
<b>Description</b> (7) PHOTOS TAKEN OF EVIDENCE PACKAGING			
<b>Make</b>	<b>Model</b>	<b>Color</b>	<b>Serial Number</b>
<b>Owner Information</b>			
<b>Name</b>	<b>MNI Number</b>	<b>Phone</b>	
<b>Address</b>	<b>City</b>	<b>State</b>	<b>Zip Code</b>

## Notations

<b>Notation #: 1 Type: AUDIT</b>	
<b>ID / Name</b> (b)(6),(b)(7)(C)	<b>DT Entered</b> 03/09/2011 20:11:03

## Custodies

<b>Custody Information</b>		
<b>Transfer Type</b> CHECKIN	<b>DT Transferred</b> 02/03/2011 17:02:30	
<b>Entered By: ID / Name</b> (b)(6),(b)(7)(C)	<b>DT Entered</b> 02/22/2011 17:02:30	
<b>Transfer From Information</b>		
<b>Personnel/Officer ID</b> (b)(6),(b)(7)(C)	<b>Name</b> (b)(6),(b)(7)(C)	<b>Agency Name</b> CAM-PD
<b>Transfer To Information</b>		
<b>Location</b> ID UNIT	<b>Shelf</b>	<b>Bin</b>
<b>Personnel/Officer ID</b> (b)(6),(b)(7)(C)	<b>Name</b> (b)(6),(b)(7)(C)	<b>Agency Name</b> CAM-PD





**CAMBRIDGE POLICE DEPARTMENT**  
**CAMBRIDGE, MA**  
**Property Custody**

Property Item Information			
Agency Name CAM-PD	Incident # 11000078	Tag Number 11000078-4	Classification EVIDENCE
Current Location ID UNIT	Shelf		Bin
Current Status ACTIVE		DT Status 02/22/2011 16:50:13	
Entered By: ID / Name (b)(6),(b)(7)(C)		DT Entered 02/22/2011 16:48:49	
Updated By: ID / Name (b)(6),(b)(7)(C)		DT Updated 02/22/2011 16:50:13	
Item Description			
Property Type LATENT LIFTS		Quantity 4	Estimated Value
Description (4) SMALL CLEAR HINGE LIFTERS			
Make	Model	Color	Serial Number
Owner Information			
Name	MNI Number	Phone	
Address	City	State	Zip Code

## Custodies

Custody Information			
Transfer Type CHECKIN		DT Transferred 02/10/2011 09:53:13	
Entered by: ID / Name (b)(6),(b)(7)(C)		DT Entered 02/22/2011 16:50:13	
Transfer From Information			
Personnel/Officer ID (b)(6),(b)(7)(C)	Name (b)(6),(b)(7)(C)	Agency Name CAM-PD	
Transfer To Information			
Location ID UNIT	Shelf	Bin	
Personnel/Officer ID (b)(6),(b)(7)(C)	Name (b)(6),(b)(7)(C)	Agency Name CAM-PD	



CAMBRIDGE POLICE DEPARTMENT  
CAMBRIDGE, MA

**Property Custody**

Property Item Information			
Agency Name	Incident #	Tag Number	Classification
CAM-PD	11000078	11000078	EVIDENCE
Current Status		DT Status	
ACTIVE			
Entered By: ID / Name (b)(6),(b)(7)(C)		DT Entered 02/03/2011 11:24:59	
Updated By: ID / Name (b)(6),(b)(7)(C)		DT Updated 02/25/2011 09:03:51	

Item Description			
Property Type COMPUTER HARDWARE/SOFTWARE		Quantity 1	Estimated Value
Description 1 SEALED PLASTIC BAG WITH 1 THUMB DRIVE			
Make	Model	Color	Serial Number
Owner Information			
Name	MNI Number	Phone	
Address	City	State	Zip Code

### Notations

Notation #: 1 Type: AUDIT	
ID / Name (b)(6),(b)(7)(C)	DT Entered 02/03/2011 11:27:24

Notation #: 2 Type: NOTATION	
ID / Name (b)(6),(b)(7)(C)	DT Entered 02/25/2011 09:04:49

Notation Text	
removed after audit By det	(b)(6),(b)(7)(C)

## Custodies

Custody Information		
Transfer Type <b>CHECKOUT</b>		DT Transferred 02/25/2011 09:03:51
Entered By: ID / Name (b)(6),(b)(7)(C)		DT Entered 02/25/2011 09:03:51
Transfer From Information		
Personnel/Officer ID (b)(6),(b)(7)(C)	Name (b)(6),(b)(7)(C)	Agency Name CAM-PD
Transfer To Information		
Personnel/Officer ID (b)(6),(b)(7)(C)	Name (b)(6),(b)(7)(C)	Agency Name CAM-PD
Code SS	Name SS	Business File -
External Person Name		Lab Submission Number
Custody Notations TAKED BY DET (b)(6),(b)(7)(C) FOR WARRENT		

Custody Information		
Transfer Type <b>MOVE</b>		DT Transferred 02/11/2011 15:50:35
Entered By: ID / Name (b)(6),(b)(7)(C)		DT Entered 02/22/2011 15:50:35
Transfer From Information		
Location ID UNIT	Shelf	Bin
Personnel/Officer ID (b)(6),(b)(7)(C)	Name (b)(6),(b)(7)(C)	Agency Name CAM-PD
Transfer To Information		
Location ID LAB LOCKER	Shelf	Bin
Personnel/Officer ID (b)(6),(b)(7)(C)	Name (b)(6),(b)(7)(C)	Agency Name CAM-PD
Custody Notations ITEM REPACKAGED IN A SEALED MANILA ENVELOPE AND CONTAINS ORIGINAL PLASTIC PACKAGING AND 1 FLASH DRIVE.		

Custody Information		
Transfer Type MOVE		DT Transferred 02/03/2011 11:35:03
Entered By: ID / Name (b)(6),(b)(7)(C)		DT Entered 02/22/2011 15:50:03
Transfer From Information		
Location ID LAB LOCKER	Shelf	Bin
Personnel/Officer ID (b)(6),(b)(7)(C)	Name (b)(6),(b)(7)(C)	Agency Name CAM-PD
Transfer To Information		
Location ID UNIT	Shelf	Bin
Personnel/Officer ID (b)(6),(b)(7)(C)	Name (b)(6),(b)(7)(C)	Agency Name CAM-PD

Custody Information		
Transfer Type CHECKIN		DT Transferred 02/03/2011 11:27:23
Entered By: ID / Name (b)(6),(b)(7)(C)		DT Entered 02/03/2011 11:27:23
Transfer From Information		
Personnel/Officer ID (b)(6),(b)(7)(C)	Name (b)(6),(b)(7)(C)	Agency Name CAM-PD
Transfer To Information		
Location ID LAB LOCKER	Shelf	Bin
Personnel/Officer ID (b)(6),(b)(7)(C)	Name (b)(6),(b)(7)(C)	Agency Name CAM-PD



CAMBRIDGE POLICE DEPARTMENT  
CAMBRIDGE, MA

### Property Custody

Property Item Information			
Agency Name	Incident #	Tag Number	Classification
CAM-PD	11000078	11000078-7	EVIDENCE
Current Location	Shelf	Bin	
ID UNIT			
Current Status	DT Status		
ACTIVE	02/22/2011 17:05:37		
Entered By: ID / Name	DT Entered		
(b)(6).(b)(7)(C)	02/22/2011 17:02:30		
Updated By: ID / Name	DT Updated		
(b)(6).(b)(7)(C)	03/31/2011 20:40:21		

<b>Item Description</b>			
<b>Property Type</b> PHOTOS	<b>Quantity</b> 58	<b>Estimated Value</b>	
<b>Description</b> (58) PHOTOS TAKEN OF EVIDENCE SUBMITTED			
<b>Make</b>	<b>Model</b>	<b>Color</b>	<b>Serial Number</b>
<b>Owner Information</b>			
<b>Name</b>	<b>MNI Number</b>	<b>Phone</b>	
<b>Address</b>	<b>City</b>	<b>State</b>	<b>Zip Code</b>

## Notations

<b>Notation #:</b> 1 <b>Type:</b> AUDIT	
<b>ID / Name</b> (b)(6),(b)(7)(C)	<b>DT Entered</b> 03/09/2011 20:11:17

## Custodies

<b>Custody Information</b>		
<b>Transfer Type</b> CHECKIN	<b>DT Transferred</b> 02/10/2011 17:05:37	
<b>Entered By: ID / Name</b> (b)(6),(b)(7)(C)	<b>DT Entered</b> 02/22/2011 17:05:37	
<b>Transfer From Information</b>		
<b>Personnel/Officer ID</b> (b)(6),(b)(7)(C)	<b>Name</b> (b)(6),(b)(7)(C)	<b>Agency Name</b> CAM-PD
<b>Transfer To Information</b>		
<b>Location</b> ID UNIT	<b>Shelf</b>	<b>Bin</b>
<b>Personnel/Officer ID</b> (b)(6),(b)(7)(C)	<b>Name</b> (b)(6),(b)(7)(C)	<b>Agency Name</b> CAM-PD
<b>Custody Notations</b>		
PHOTOS SECURED IN ID UNIT PHOTO FILE IN ACCORDANCE WITH PHOTO SUBMISSION STANDARDS.		



CAMBRIDGE POLICE DEPARTMENT  
CAMBRIDGE, MA

## Property Custody

Property Item Information			
Agency Name CAM-PD	Incident # 11000078	Tag Number 11000078-3	Classification EVIDENCE
Current Location ID UNIT	Shelf		Bin
Current Status ACTIVE		DT Status 02/22/2011 16:48:48	
Entered By: ID / Name (b)(8),(b)(7)(C)		DT Entered 02/22/2011 16:43:11	
Updated By: ID / Name (b)(6),(b)(7)(C)		DT Updated 04/07/2011 16:40:37	



Item Description			
Property Type	Quantity	Estimated Value	
LATENT LIFTS	6		
Description			
(6) SMALL CLEAR HINGE LIFTERS			
Make	Model	Color	Serial Number
Owner Information			
Name	MNI Number	Phone	
Address	City	State	Zip Code



## Custodies

Custody Information		
Transfer Type MOVE		DT Transferred 01/04/2011 13:05:19
Entered By: ID / Name (b)(6),(b)(7)(C)		DT Entered 02/22/2011 17:19:17
Transfer From Information		
Location CRIME SCENE	Shelf	Bin
Personnel/Officer ID (b)(6),(b)(7)(C)	Name (b)(6),(b)(7)(C)	Agency Name CAM-PD
Transfer To Information		
Location ID UNIT	Shelf	Bin
Personnel/Officer ID (b)(6),(b)(7)(C)	Name (b)(6),(b)(7)(C)	Agency Name CAM-PD
Custody Notations		
ITEMS SECURED IN ID UNIT CASE FILES.		

Custody Information		
Transfer Type CHECKIN		DT Transferred 01/04/2011 12:21:48
Entered By: ID / Name (b)(6),(b)(7)(C)		DT Entered 02/22/2011 16:48:48
Transfer From Information		
Personnel/Officer ID (b)(6),(b)(7)(C)	Name (b)(6),(b)(7)(C)	Agency Name CAM-PD
Transfer To Information		
Location CRIME SCENE	Shelf	Bin
Personnel/Officer ID (b)(6),(b)(7)(C)	Name (b)(6),(b)(7)(C)	Agency Name CAM-PD



**CAMBRIDGE POLICE DEPARTMENT**  
**CAMBRIDGE, MA**  
**Incident Report #11000131**

Approved For Public View Date/Time Printed: Thu Apr 07 16:22:17 EDT 20 By: (b)(6),(b)(7)(C)

Case Title	Location 24 LEE ST
Date/Time Reported 01/06/2011 14:18:00	Date/Time Occurred to
Incident Type/Offense D&E DAYTIME FOR F&LOMY a266 S18(266/18/B)	

Persons							
Role	Name	Sex	Race	Age	DOB	Phone	Address
						(home)	
						(cell)	
						(home)	
						(cell)	

Offenders							
Status	Name	Sex	Race	Age	DOB	Phone	Address
1 DEFENDANT	SWARTZ, AARON H	MALE	WHITE	24	11/08/1986	(b)(6),(b)(7)(C)	(b)(6),(b)(7)(C)
						(cell)	
						(home)	
						(cell)	

Vehicles							
Role	Type	Year	Make	Model	Color	Reg #	State
Stolen \$	Rec Code	Date Rec	Rec \$	Rec By			

Property					
Class	Description	Make	Model	Serial #	Value

**Narrative**

CAU MM - from MIT f e

On January 4, 2010 at approximately 10:30 hours I responded to MIT building 15, room 004F for a report of a past break. This room is a telephone closet and networking closet; it's access is controlled by MIT's IS&T Department (b)(6),(b)(7)(C) of MIT IS&T explained to me that someone had entered the restricted room and connected a laptop and external hard drive directly to a networking switch. The laptop and external hard drive were being hidden under a cardboard box. (b)(6),(b)(7)(C) further explained that they were able to determine that this laptop was illegally

(Continued on next page)

Reporting Officer MIT PD (b)(6),(b)(7)(C) (01/13/2011 11:21:32)	Reviewing Officer	Approving Officer (b)(6),(b)(7)(C) (01/13/2011 11:25:17)
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**CAMBRIDGE POLICE DEPARTMENT**  
**CAMBRIDGE, MA**  
**Incident Report #11000131**

Approved For Public View		Date/Time Printed: Thu Apr 07 16:22:17 EDT 2011	(b)(6),(b)(7)(C)
Case Title	Location 24 LEE ST		
Date/Time Reported 01/06/2011 14:18:00	Date/Time Occurred to		
Incident Type/Offense R&B DAYTIME FOR FELONY c266 318(266/18/B)			

**Narrative (continued from page 1)**

downloading scientific periodicals from JSTOR, a subscription based database that houses academic periodicals.

Cambridge Police Detective (b)(6),(b)(7)(C) Special Agent (b)(6),(b)(7)(C) from the United States Secret Service and Boston Police Officer (b)(6),(b)(7) responded to building 16 room 004T. Cambridge Police's Crime Scene Services also responded and processed the laptop and external hard drive for latent prints. It was determined that the laptop would be left in place and IS&T would monitor the network traffic in an attempt to identify the suspect. A camera was also installed by MIT's IS&T Department to monitor the area.

On January 4, 2010 at approximately 15:26 hours a white male, dark or black shoulder length wavy hair, wearing a dark coat, gray backpack, jeans with a white bicycle helmet enters the room. It appears as though the suspect takes a hard drive out of his back pack and bends over the laptop and external hard drive. He exits the room moments later.

On January 5, 2010 MIT's IS&T Department informed me that approximately 70 gigabytes of data had been downloaded, 98% of which was from JSTOR. SA (b)(6),(b)(7)(C) had informed me that MIT's IS&T had put an approximate value on the downloaded information at \$50,000.

On January 6, 2010 at approximately 12:32 hours a white male, dark or black shoulder length wavy hair, wearing a dark coat, gray backpack, jeans with a white bicycle helmet enters the room. I was monitoring the video feed at the MIT Police Department at this time. It appears as though the suspect packed up the laptop and hard drive and exited the room. MIT Police units responded to the area and searched for the suspect. A check of the room determined that the laptop and hard drive had been removed.

On January 6, 2010 at approximately 14:11 hours (b)(6),(b)(7)(C) of the MIT Police Department called me and stated he had located the suspect riding his bike on Massachusetts Ave at Lee Street. Special Agent (b)(6),(b)(7)(C) and I responded to the Lee Street to assist (b)(6),(b)(7)(C). The suspect jumped off his bike when encountered by (b)(6),(b)(7)(C) and ran down Lee Street. (b)(6),(b)(7)(C) and Special Agent (b)(6),(b)(7)(C) were able to apprehend the suspect at 24 Lee Street. He was handcuffed by SA (b)(6),(b)(7)(C).

The suspect encountered by (b)(6),(b)(7)(C) and apprehended on Lee Street is the same person seen on video entering the restricted telephone closet in building 16 on January 4th at 15:26 hours and on January 6th at 14:11 hours.

He was arrested for two counts of Breaking and Entering in the daytime with the intent to commit a felony, Chapter 266 Section 18.

Reporting Officer MIT PD (b)(6),(b)(7)(C)	Reviewing Officer	Approving Officer (b)(6),(b)(7)(C)
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CAMBRIDGE POLICE DEPARTMENT  
CAMBRIDGE, MA

### CAD Incident Report #11000895

Incident Information			
Incident #		Incident Date	Call Taker
11000895		01/04/2011 10:49:56	(b)(6),(b)(7)
Incident Type		Description	Priority
130 MISC			3
Ems Level	Alarm Level	Modified By	Modified Date
			01/04/2011 10:51:22
Event Information			
Municipality		Business Name	
		MIT POLICE	
Fire Box		RA	
261		205	
Correct Location			
MIT POLICE / 301 VASSAR ST			
Street #	Street Name	Apartment #	Cross Street
301	VASSAR ST		
Near		Landmarks	Additional
AMHERST ALLEY TO VASSAR ST			BUSINESS ADDRESS: 301 VASSAR ST
Reporting Person			
RP Name	RP Phone	How Received	
RP Address	Closed By	Date Closed	
	(b)(6),(b)(7)	01/04/2011 10:51:22	

### Incident Types

Dispatch Class	Incident Type
AMBULANCE	
FIRE/RESCUE	
POLICE	MISC

### Note(s)

Note Type	Entered By	User ID
FILENUM	01/04/2011 10:51:26	(b)(6),(b)(7)(C)

ASSIGNED FILE#: 11000078			
INFO	01/04/2011 10:53:36	(b)(6),(b)(7)(C)	
REPORT GENERATED FOR DELTA 71.			

## Dispositions

Dispositions				
Type	Disposition	Incident Report?	Accident Report?	Due By
POLICE	(117) REPORT/FRT DESK	Y		

**POLICE DEPARTMENT**  
CAMBRIDGE, MASSACHUSETTS

**RECORD OF BOOKING**  
PLEASE PRINT

CELL NUMBER RELEASED	ARREST NUMBER TCAM201100032	DATE & TIME OF BOOKING 01/06/2011 14:46:26	INCIDENT NUMBER 11000131
LAST NAME SWARTZ	FIRST AARON	MIDDLE NAME II	D.O.B. 11/08/1986
TRUE NAME AARON H SWARTZ		AGE 24	SSN (b)(6) 1374
STREET NO. (b)(6), (b)(7)(C)		STREET NAME	APT #
CITY/TOWN		STATE	ZIP
SEX M		HEIGHT 506	WEIGHT 120
HAIR BROWN		EYES BROWN	BLD THIN
ETHNICITY NOT OF HISPANIC ORIGIN		SCARS	RACE WHITE
PLACE OF BIRTH CHICAGO IL		MARTIAL STATUS UNMARRIED	SKIN FAIR
FATHER'S NAME (b)(6), (b)(7)(C)		MOTHER'S NAME (b)(6), (b)(7)(C)	DRIVER'S LICENSE E2433493 CA
EMPLOYER HARVARD U		OCCUPATION RESEARCH AT HAR	
ADDRESS OF EMPLOYER 124 MOUNT AUBURN ST #52 CAMBRIDGE MA			
IF CUT VISIBLE ON PERSON, DESCRIBE KIND & LOCATION no injuries per defendant		TREATED WHERE	
PRISONER ADVISED OF RIGHTS UNDER G.L. CHAP 276 33A		ATTENDING PHYSICIAN	
FINGERPRINTS TAKEN <input checked="" type="checkbox"/>		PHOTO TAKEN <input checked="" type="checkbox"/>	
IF PRISONER WAS ARRESTED FOR OPERATING UNDER THE INFLUENCE, FILL IN BELOW			
BREATHLYZER READING		BY WHOM	
PRISONER SIGNATURE		BOOKING OFFICER	
OTHER PD		OFFICER IN CHARGE	
COMPLAINANT		OTHER PD	
IS ARRESTED A JUVENILE <input type="checkbox"/> YES		NAME OF PROBATION OFFICER NOTIFIED	
NAME OF PARENT OR GUARDIAN NOTIFIED		OFFICER MAKING NOTIFICATION	
BAIL COMMISSIONER		AMOUNT OF BAIL	
DISPOSITION		DATE AND TIME OF BAIL	



- OFFENSES
- B&E DAYTIME FOR FELONY c266 §1B
  - B&E DAYTIME FOR FELONY c266 §1B
  - 
  - 
  -

ARREST ON WARRANT?  YES  NO

WARRANT NUMBER

CITY/COURT

CHARGES

DID ARRESTED PERSON HAVE POSITIVE IDENTIFICATION  
 YES  NO TYPE: STATE ID



**CAMBRIDGE POLICE DEPARTMENT  
CAMBRIDGE, MA**

AGENCY NAME  
CAM-PD

CASE TYPE  
STANDARD

CASE #  
11000078

**CASE INFORMATION**

**BASIC INFORMATION**

<u>CASE #</u> 11000078	<u>CASE TYPE</u> STANDARD	<u>CASE TITLE</u> MIT COMPUTER CRIMES
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<u>CASE STATUS</u> ACTIVE	<u>DATE / TIME STATUS</u>
------------------------------	---------------------------

<u>ENTERED BY ID / NAME</u>	<u>DT ENTERED</u>	<u>UPDATED BY ID / NAME</u>	<u>DT UPDATED</u>
-----------------------------	-------------------	-----------------------------	-------------------

**INCIDENTS ASSOCIATED WITH CASE**

**INCIDENT INFORMATION**

<u>INCIDENT #</u>	<u>DATE/TIME REPORTED</u>	<u>OFFENSE</u>	<u>LOCATION</u>
11000078	01/04/2011 10:49:00	MISCELLANEOUS STATUTORY VIOLATION	301 VASSAR ST
11000031	01/06/2011 14:18:00	B&E DAYTIME FOR FELONY c266 3:8	24 LEE ST

**TO DO LIST**

**ACTIVITY # 1 FOLLOW-UP REPORT**

<u>SCHEDULED DATE/TIME</u> 02/21/2011 17:29:53	<u>SCHEDULING OFFICER</u>	<u>DETECTIVE SCHEDULED</u>
---	---------------------------	----------------------------

NOTES

**COMPLETED ACTIVITIES**

**ACTIVITY # 1 GENERAL CASE NOTES**

<u>SCHEDULED DATE/TIME</u>	<u>SCHEDULING OFFICER</u>
----------------------------	---------------------------

<u>ACTUAL DATE/TIME</u> 03/31/2011 13:57:51	<u>DETECTIVE</u> (b)(6),(b)(7)(C)
--	--------------------------------------

SCHEDULE NOTE



ACTIVITY NOTE**INVESTIGATORS****CURRENT INVESTIGATORS**

<u>NAME</u>	<u>ROLE</u>	<u>DATE/TIME ASSIGNED</u>
(b)(6),(b)(7)(C)	EVIDENCE	02/11/2011 17:29:53

**CASE OFFENDERS****OFFENDER INFORMATION**

<u>MNI NUMBER</u>	<u>NAME</u>	<u>TYPE</u>	<u>BOOKING NUMBER</u>
1100000437	SWARTZ, AARON H	SUSPECT	
1100000437	SWARTZ, AARON H	SUSPECT	
1100000437	SWARTZ, AARON H	DEFENDANT	TCAM201100032

**ATTACHMENTS****ATTACHMENT #11**

<u>TYPE</u>	<u>DATE/TIME ENTERED</u>	<u>ENTERED BY</u>	<u>CAPTURED BY</u>
OTHER	03/31/2011 17:55:04	(b)(6),(b)(7)(C)	

Media: [getcasemedia.jsp?azencyname=CAM-PD&casenum=110000711&attachmentnum=1](http://getcasemedia.jsp?azencyname=CAM-PD&casenum=110000711&attachmentnum=1)

**R I F**

2691

RIF

2692

**RIF**

2699

**From:** (b)(6),(b)(7)(C)  
**Sent:** Thursday, January 06, 2011 11:13 AM  
**To:** (b)(6),(b)(7)(C)  
**Cc:** (b)(6),(b)(7)(C)@mit.edu; (b)(6),(b)(7)(C)@uss.s.dhs.gov; (b)(6),(b)(7)(C)  
 (b)(6),(b)(7)(C)@comcast.net; (b)(6),(b)(7)(C)@uss.s.dhs.gov  
**Subject:** Fw: MIT - Bld 16

(b)(6),(b)(7)(C)

The thread below has the status of the investigation to date.

As I am on a day off today I would request that CPD Crime Scene personnel hook up with SA (b)(6),(b)(7)(C) and process the newest external hard drive for prints that the suspect left the other day after we cleared the scene.

As you'll notice from the thread, the operation is being shut down and we will continue the investigation just not with the computer hooked up and downloading data.

(b)(6),(b)(7)(C) cell phone number is (b)(6),(b)(7)(C)  
 (b)(6),(b)(7)(C) and (b)(6) can you call (b)(6),(b)(7)(C) at (b)(6),(b)(7)(C) and hook up with her and (b)(6),(b)(7)(C)

Respectfully Submitted,

(b)(6),  
(b)(7)(C)

**From:** (b)(6),(b)(7)(C) (BOS) (b)(6),(b)(7)(C)@uss.s.dhs.gov>  
**To:** (b)(6),(b)(7)(C)@MIT.EDU; (b)(6),(b)(7)(C)@mit.edu; (b)(6),(b)(7)(C)  
**Cc:** (b)(6),(b)(7)(C)@mit.edu; (b)(6),(b)(7)(C)@mit.edu; (b)(6),(b)(7)(C)@mit.edu;  
 (b)(6),(b)(7)(C) (BOS) (b)(6),(b)(7)(C)@uss.s.dhs.gov>  
**Sent:** Thu Jan 06 10:00:07 2011  
**Subject:** RE: MIT - Bld 16

I agree with taking the laptop offline today and imaging it. Any leads with identification? I wanted to look at what options we have to get a better picture of his face. I mentioned the case to our Technical Security Division Specialist. He is working on another case this morning but will be available this afternoon. Do you have any other surveillance options to capture a better image of his face?

(b)(6),(b)(7)(C)  
 U.S. Secret Service  
 Boston Field Office  
 (b)(6),(b)(7)(C)

**From:** (b)(6),(b)(7)(C) [mailto:(b)(6),(b)(7)(C)@MIT.EDU]  
**Sent:** Thursday, January 06, 2011 9:37 AM  
**To:** (b)(6),(b)(7)(C) (BOS); External (b)(6)@cambridgepolice.org  
**Cc:** (b)(6),(b)(7)(C)  
**Subject:** MIT - Bld 16

All,

I am going to suggest that we take the laptop and hard drive offline today. I think the amount of network traffic captured is sufficient and would like to remove the laptop to see if he comes back to retrieve it. I will be able to put some people there for a short time in an attempt to ID.

I am following up a couple of possible ID's this morning and will get back to you on my success (or not).

The open questions will be if we decide to take it offline, is this something I can do with instruction or will I need help? Also, do we want to have the new drive printed?

(b)(6),  
(b)(7)(C)

From: (b)(6),(b)(7)(C)  
Sent: Wednesday, January 05, 2011 5:02 PM  
To: (b)(6),(b)(7)(C) usss.dhs.gov; (b)(6),(b)(7)(C)  
Cc: (b)(6),(b)(7)(C)  
Subject: Packet Capture

Hi there,

I have collected about 70G of network traffic so far with about 98% of which is the JSTOR journal downloads. I've done some initial checking of the capture and I don't see anything that identifies a command and control channel. I was just wondering what the next step is.

Thank you

(b)(6),(b)(7)(C)

Information Services and Technology (IS&T)  
Massachusetts Institute of Technology  
Room (b)(6),(b)(7)(C)  
Cambridge, MA 02139  
(b)(6),(b)(7)(C)  
(b)(6).mit.edu

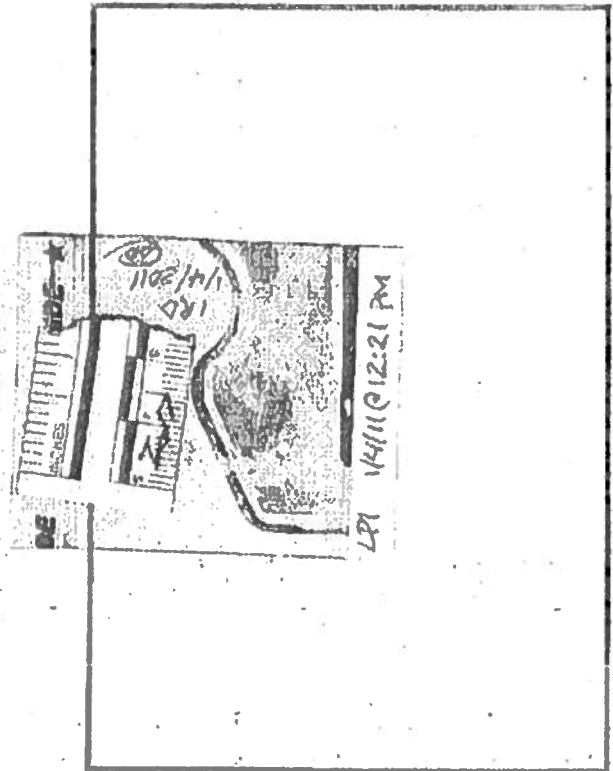
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Cambridge Police Department  
Identification Unit

LATENT PRINT EXAMINATION WORKSHEET

Case#: 11-000078  
Latent#: LPI of 10  
Examiner: (b)(6), (b)(7)(C)  
Date: 07/20/11  
7/21/2011



Processing Technique:  
Powder:  BLK Chemical:  Cyano/BLK-Pu  
Photo:  LT Other: \_\_\_\_\_

**SPEX Entry**

Date Entered: NA  
Examiner: \_\_\_\_\_  
Inverted:   
Pattern:  RS  LS  W  (b)(6), (b)(7)(C)  PAIM  
Core Present:  Del   
Skeleton:   
# of Points: \_\_\_\_\_  
Submitted to Database:   
Initial QED Supplemental:   
Candidate List Searched and Reviewed:   
Misc. Notes: \_\_\_\_\_

Finger : Palm Impression  
Value for Comparison 1 RD

**Manual Comparison:**

Name	DOB	OBTR
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		

(b)(6), (b)(7)(C)



Cambridge Police Department  
Identification Unit

LATENT PRINT EXAMINATION WORKSHEET

Case#: 11-000078  
Latent#: LPJ# 10  
Examiner: (b)(6),(b)(7)(C)  
Date: 11/27/11

Level 1 Detail:  
Pattern Type/Ridge Flow  
Incipient ridges, scars, warts  
Quality (distortion)

**A**

Level 2 Detail:  
Ridge Morphology (size/shape)  
Target/Unique ridge detail

Level 3 Detail:  
Pore/Edge detail  
Secondary Creases

**C**

Individuals Comparison

**E**

Individuals

Exclusion

(b)(6),(b)(7)(C)

Inconclusive

**V**

Agency

Date Submitted

Date Verified:

RESULT NOTES

- Not suitable for search / Not suitable for comparison
- Unable to make comparison due to poor quality of impressions on the ten-print card
- Checked as far as possible and remains unidentified
- Insufficient detail to establish identity but sufficient detail to present to exclude identity
- Insufficient detail to either establish or exclude identity
- Insufficient detail for comparison purposes

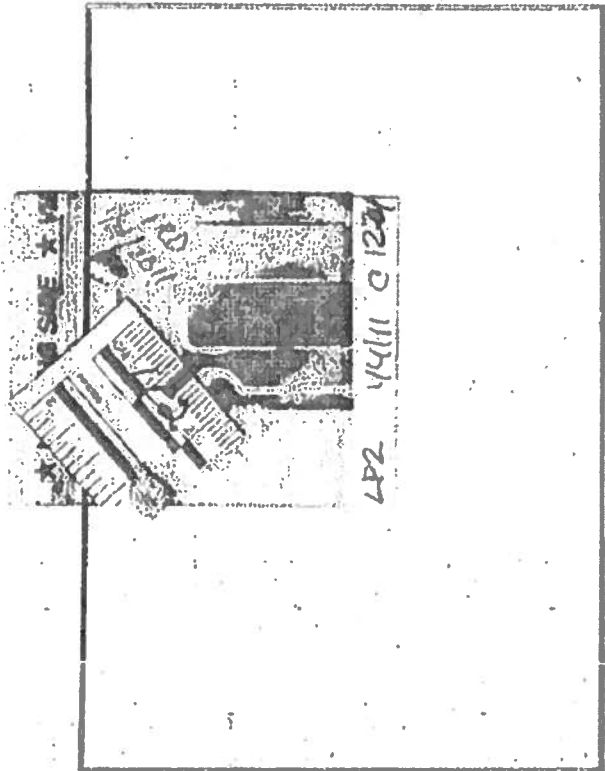




Cambridge Police Department  
Identification Unit

LATENT PRINT EXAMINATION WORKSHEET

Case#: 11-000073  
Latent#: LP 201 10  
Examiner: (b)(6), (b)(7)(C)  
Date: 1/4/2011



Processing Technique:  
Powder:  BIK Chemical:  Cyano-BIK Post  
Photo:  Other: \_\_\_\_\_

**SPEX Entry**

Date Entered: NA

Examiner: \_\_\_\_\_

Inverted:

Pattern:  RS  LS  P.A.T.M.

Core Present:

Skeleton:  (b)(6), (b)(7)(C)

# of Points: \_\_\_\_\_

Submitted to D:

Initial QED Supplemental:

Candidate List Searched and Reviewed:

Misc. Notes: \_\_\_\_\_

Ringer	Palm	Impression
		1 RS
Value for Comparison		

**Manual Comparison**

Name	DOB	OBTN
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		

(b)(6), (b)(7)(C)



Cambridge Police Department  
Identification Unit

LATENT PRINT EXAMINATION WORKSHEET

Case#: 11-000078  
Latent#: 189-10  
Examiner: (b)(6),(b)(7)(C)  
Date: 1/4/2011

<b>A</b>	<u>Level 1 Detail:</u> Pattern Type/Ridge Flow Incipient ridges, scars, warts Quality (distortion)
	<u>Level 2 Detail:</u> Ridge Morphology (size/shape) Target/Unique ridge detail
	<u>Level 3 Detail:</u> Pore/Edge detail Secondary Creases
<b>C</b>	Individuals Compared:
	(b)(6),(b)(7)(C)
	Individualization:
<b>E</b>	Exclusion:
	Inconclusive:
<b>V</b>	Agency: _____
	Date Submitted: _____ Date Verified: _____

RESULT NOTES	
Not suitable for search but suitable for comparison	
Unable to make comparison due to poor quality of impressions on the ten-print card	
Checked as far as possible and remains unidentified	
Insufficient detail to establish identity but sufficient detail to present to exclude identity	
Insufficient detail to either establish or exclude identity	
Insufficient detail for comparison purposes	



**CAMBRIDGE POLICE DEPARTMENT  
CAMBRIDGE, MA**

**Supplementary Report #11000078/4**

Approved For Public View

Date/Time Printed: Fri Apr 15 14:17:43 EDT 2011 (b)(6), (b)(7)(C)

Case Title <b>MIT COMPUTER CRIMBS</b>	Location <b>301 VASSAR ST (BLD 1)</b>
Date/Time Reported <b>01/04/2011 10:49:00</b>	Date/Time Occurred to
Incident Type/Offense <b>MISCELLANEOUS STATUTORY VIOLATION(999999)</b>	

Persons							
Role	Name	Sex	Race	Age	DOB	Phone	Address
						(home)	
						(cell)	
						(home)	
						(cell)	

Offenders							
Status	Name	Sex	Race	Age	DOB	Phone	Address
<b>1 SUSPECT</b>	(b)(6),(b)(7)(C)	<b>MALE</b>	<b>WHITE</b>		<b>(b)(6),(b)(7)(C)</b>	(home): (b)(6),(b)(7)(C)	<b>(b)(6),(b)(7)(C)</b>
						(cell)	
						(home)	
						(cell)	

Vehicles							
Role	Type	Year	Make	Model	Color	Reg #	State
Stolen \$	Rec Code	Date Rec	Rec \$	Rec By			

Property						
Class	Description	Make	Model	Serial #	Value	

**Narrative**

**EVIDENCE:**

LP6: (1) small clear hinge lifter from the middle right side of the laptop screen (CSI). Collected on scene on 01/04/2011 at approx. 1245 hours.

BB2: (1) known 10 print card and set of palm impressions for (b)(6),(b)(7)(C) W/M, DOB: (b)(6),(b)(7)(C)

(Continued on next page)

<b>Reporting Officer</b> (b)(6),(b)(7)(C) (04/14/2011 16:02:34)	<b>Reviewing Officer</b> (b)(6),(b)(7)(C)	<b>Approving Officer</b> (b)(6),(b)(7)(C) (04/15/2011 11:59:02)
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**CAMBRIDGE POLICE DEPARTMENT  
CAMBRIDGE, MA  
Supplementary Report #11000078/4**

Approved For Public View Date/Time Printed: Fri Apr 15 14:17:43 EDT 20By: (b)(6),(b)(7)(C)

Case Title <b>MIT COMPUTER CRIMES</b>	Location <b>301 VASSAR ST (BLD 1)</b>
Date/Time Reported <b>01/04/2011 10:49:00</b>	Date/Time Occurred <b>to</b>
Incident Type/Offense <b>MISCELLANEOUS STATUTORY VIOLATION(999999)</b>	

**Narrative (Continued from page 1)**

**NARRATIVE:**

On March 15, 2011, I was notified by Det. (b)(6),(b)(7)(C) that (b)(6),(b)(7)(C) (SP2) may be considered a person of interest in this case. I examined the fingerprint card on file for this individual and determined it contained sufficient ridge quantity and quality for comparison. I then compared LP6 to SP2 and could not exclude SP2 as a donor for LP6.

LP6 and SP2 secured in ID Unit case files.

Reporting Officer (b)(6),(b)(7)(C)	Reviewing Officer	Approving Officer (b)(6),(b)(7)(C)
---------------------------------------	-------------------	---------------------------------------



**CAMBRIDGE POLICE DEPARTMENT  
CAMBRIDGE, MA**

**Supplementary Report #11000078/2**

Approved For Public View

Date/Time Printed: Thu Apr 07 16:09:53 EDT 20 By

(b)(6),  
(b)(7)(C)

Case Title <b>MIT COMPUTER CRIMES</b>	Location <b>301 VASSAR ST (BLD 1)</b>
Date/Time Reported <b>01/04/2011 10:49:00</b>	Date/Time Occurred <b>to</b>
Incident Type/Offense <b>MISCELLANEOUS STATUTORY VIOLATION(999999)</b>	

Persons							
Role	Name	Sex	Race	Age	DOB	Phone	Address
						(home) (cell)	
						(home) (cell)	

Offenders							
Status	Name	Sex	Race	Age	DOB	Phone	Address
						(home) (cell)	
						(home) (cell)	

Vehicles							
Role	Type	Year	Make	Model	Color	Reg #	State
Stolen \$	R	Date Rec	Rec \$	Rec By			

Property						
Class	Description	Make	Model	Serial #	Value	

**Narrative**

**EVIDENCE:**

E1: (1) sealed clear plastic evidence bag containing (1) flash drive: black plastic, "HP", 8 GB. Silver metal USB insert has # "0048MKBT1" and # "85102" and "v125w". Measurements are approx. 5.3cm x 1.7cm x .08cm  
 \*\*\*\*\*Item E1 REPACKAGED IN A SEALED MANILA ENVELOPE w/ original plastic packaging.\*\*\*\*\*

(1) sealed clear plastic evidence bag containing CS1, CS2, and CS2a.  
 (Continued on next page)

Reporting Officer (b)(6),(b)(7)(C) (03/31/2011 16:18:59)	Reviewing Officer	Approving Officer (b)(6),(b)(7)(C) (04/01/2011 03:08:39)
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**CAMBRIDGE POLICE DEPARTMENT**  
**CAMBRIDGE, MA**  
**Supplementary Report #11000078/2**

Approved For Public View

Date/Time Printed: Thu Apr 07 16:09:53 EDT 2011

(b)(6),(b)(7)(C)

Case Title MIT COMPUTER CRIMES	Location 301 VASSAR ST (BLD 1)
Date/Time Reported 01/04/2011 10:49:00	Date/Time Occurred to
Incident Type/Offense MISCELLANEOUS STATUTORY VIOLATION(999999)	

**Narrative** (Continued from page 1)

CS1: (1) mini laptop: ACER, Aspireone, SN: LUSAx0001001E1601, SMID: 00106556616. Model #: MAV90. Laptop is described as a black base w/ silver top. USB cord and 2 power cords are connected to the laptop. Measurements are approx. 25.9cm X 18.3 cm X 2.5 cm.

CS2: (1) External hard drive compartment: Silver w/ top & bottom that separate from each other exposing an internal removable unit (CS2a). The compartment reads, "RocketFish" on the top and bottom reads, "RF 3.5 SATA lid enclosure kit RF-AHD35" Inside the compartment is a green electronic circuit panel. A black USB cord connects CS2 to CS1. Measurements are approx. 22.2cm X 13.1cm X 4.3cm.

CS2a: (1) inner hard drive unit, or internal removable unit located inside CS2. Unit is a Western Digital, MDL: WD20BARS-00MVWB0, 2.0 TB, SN: WDMAZA1626675. Unit is described as having black sides and bottom, reflective silver metal top w/ a green & white label w/ product info. Measurements are approx. 10.3cm X 14.5cm X 2.4 cm.

\*\*\*\*\*Items CS1, CS2, and CS3 REPACKAGED IN A SEALED LARGE BROWN PAPER BAG w/ original plastic packaging.\*\*\*\*\*

LP7: (1) small clear hinge lifter collected from the upper right corner of the screen (CS1). Collected prior to fuming on 2/10/2011 at approx. 0953 hours.

2LP7: (1) small clear hinge lifter collected from same area as LP7. Collected after fuming and traditional black powder processing. Collected on 2/10/2011 at approx. 1216 hours.

LP8: (1) small clear hinge lifter collected from CS2a (silver metal surface). Collected after fuming and traditional black powder processing. Collected on 2/10/2011 at approx. 1150 hours.

LP9: (1) small clear hinge lifter collected from CS1 between areas for LP6 and LP7. Collected after fuming and traditional black powder processing. Collected on 2/10/2011 at approx. 1223 hours.

PHOTOS: (7) photos collected on 2/3/2011. (58) photos collected on 2/10/2011.

**NARRATIVE:**

On February 3, 2011 at approx. 1130 hours, Det. (b)(6),(b)(7)(C) submitted the above items (E1, CS1, CS2, and CS2a) via Property. With the assistance of (b)(6),(b)(7)(C) Det.

(b)(6),(b)(7)(C) opened the sealed packages and (7) photographs were taken of the items. The items were repackaged at this time as described above and secured in the ID Unit.

(Continued on next page)

Reporting Officer (b)(6),(b)(7)(C)	Reviewing Officer	Approving Officer (b)(6),(b)(7)(C)
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**CAMBRIDGE POLICE DEPARTMENT**  
**CAMBRIDGE, MA**  
**Supplementary Report #11000078/2**

Approved For Public View		Date/Time Printed Thu Apr 07 16:09:53 EDT 2011		(b)(6),(b)(7)(C)
Case Title		Location		
MIT COMPUTER CRIMES		301 VASSAR ST (BLD 1)		
Date/Time Reported		Date/Time Occurred		
01/04/2011 10:49:00		to		
Incident Type/Offense				
MISCELLANEOUS STATUTORY VIOLATION(999999)				

**Narrative (Continued from page 2)**

On February 10, 2011, (b)(6),(b)(7)(C) and I examined the above listed items and documented the same with notes and photographs. Upon examining CS2a, I observed ridge detail (LP8) on the silver metal surface. I used oblique lighting and several alternative lighting methods with photography to enhance the visibility of the latent. I observed black powder residue on CS1 and CS2 that remained present from the processing conducted on scene on 1/4/2011. In addition, I observed an additional latent (LP7) not observed at the scene. I attempted to enhance and collect this latent prior to further processing. Items E1, CS1, CS2 and CS2a were then fumed with cyanoacrylate. Upon completion, I examined the items again and observed ridge detail on CS1 (the edges of the screen) and on CS2a. No discernible ridge detail was observed on Item E1 or CS2. I used traditional black powder to further enhance ridge detail and collected latent print lifts (2LP7, LP8, and LP9) from CS1 and CS2a.

Items E1, CS1, CS2, and CS2a were returned to its packaging and secured in the ID Unit Lab Locker.

Reporting Officer	Reviewing Officer	Approving Officer
(b)(6),(b)(7)(C)		(b)(6),(b)(7)(C)



**CAMBRIDGE POLICE DEPARTMENT  
CAMBRIDGE, MA**

**Supplementary Report #11000078/3**

Approved For Public View: [redacted] Date/Time Printed: Thu Apr 07 16:10:21 EDT 20 By: (b)(6),(b)(7)(C)

Case Title <b>MIT COMPUTER CRIMES</b>	Location <b>301 VASSAR ST (BLD 1)</b>
Date/Time Reported <b>01/04/2011 10:49:00</b>	Date/Time Occurred <b>to</b>
Incident Type/Offense <b>MISCELLANEOUS STATUTORY VIOLATION(999999)</b>	

Role	Name	Sex	Race	Age	DOB	Phone <small>(home) (cell)</small>	Address
						<small>(home) (cell)</small>	
						<small>(home) (cell)</small>	

Status	Name	Sex	Race	Age	DOB	Phone <small>(home) (cell)</small>	Address
						<small>(home) (cell)</small>	
						<small>(home) (cell)</small>	

Role	Type	Year	Make	Model	Color	Reg #	State
Stolen \$	Rec Code	Date Rec	Rec \$	Rec By			

Class	Description	Make	Model	Serial #	Value

**Narrative:**

**EVIDENCE:**

BP1: (1) known fingerprint card for Aaron SWARTZ, DOB: 11/08/1986, W/M, OBTR: TCAM201100033, collected on January 6, 2011.

LP7: (1) small clear hinge lifter collected from the upper right corner of the screen (CS1). Collected prior to fuming on 2/10/2011 at approx. 0953 hours.

2LP7: (1) small clear hinge lifter collected from same area as LP7. Collected after

(Continued on next page)

Reporting Officer <b>(b)(6),(b)(7)(C)</b> (03/31/2011 16:32:49)	<b>A</b> <b>(b)(6),(b)(7)(C)</b> (04/01/2011 09:06:48)
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**CAMBRIDGE POLICE DEPARTMENT  
CAMBRIDGE, MA  
Supplementary Report #11000078/3**

Approved For Public View		Date/Time Printed: Thu Apr 07 16:10:21 EDT 2011		(b)(6),(b)(7)(C)
Case Title	MTT COMPUTER CRIMES	Location	301 VASSAR ST (BLD 1)	
Date/Time Reported	01/04/2011 10:49:00	Date/Time Occurred	to	
Incident Type/Offense	MISCELLANEOUS STATUTORY VIOLATION(999999)			

**Narrative (Continued from page 1)**

fuming and traditional black powder processing. Collected on 2/10/2011 at approx. 1216 hours. LP8: (1) small clear hinge lifter collected from CS2a (silver metal surface). Collected after fuming and traditional black powder processing. Collected on 2/10/2011 at approx. 1150 hours. LP9: (1) small clear hinge lifter collected from CS1 between areas for LP6 and LP7. Collected after fuming and traditional black powder processing. Collected on 2/10/2011 at approx. 1233 hours.

**NARRATIVE:**

On February 10, 2011 and February 11, 2011 I examined the above latent lifts and their respective photographs to determine their value for comparison. LP7, 2LP7, and LP9 were determined to contain insufficient quantity and quality for comparison. LP8 was determined to contain sufficient quantity and quality for comparison. I then compared LP8 to the known exemplar prints for Aaron SWARTZ (Item SP1) and individualized it to the #6 impression. I submitted a Verification Request to Boston Police Department, (b)(6),(b)(7)(C) on February 25, 2011.

Verification report received on March 9, 2011. See case attachments for Verification report and supported documents.

Reporting Officer	Reviewing Officer	Approving Officer
(b)(6),(b)(7)(C)		(b)(6),(b)(7)(C)



**CAMBRIDGE POLICE DEPARTMENT  
CAMBRIDGE, MA**

**Supplementary Report #11000078/1**

Approved For Public View

Date/Time Printed: Fri Apr 15 14:11:21 EDT 2011

(b)(6),(b)(7)(C)

Case Title MIT COMPUTER CRIMES	Location 101 VASSAR ST (BLD 1)
Date/Time Reported 01/04/2011 10:49:00	Date/Time Occurred to
Incident Type/Offense MISCELLANEOUS STATUTORY VIOLATION(999999)	

Persons							
Role	Name	Sex	Race	Age	DOB	Phone	Address
						(b)(6) (c)(4)	
						(b)(6) (c)(4)	

Offenders							
Status	Name	Sex	Race	Age	DOB	Phone	Address
1 SUSPECT	(b)(6),(b)(7)(C)	MALE	WHITE		(b)(6),(b)(7)(C)	(b)(6) (c)(4) (b)(6),(b)(7)(C) (home) (cell)	(b)(6),(b)(7)(C)

Vehicles							
Role	Type	Year	Make	Model	Color	Reg #	State
Stolen \$	Rec Code	Date Rec	Rec \$	Rec By			

Property						
Class	Description	Make	Model	Serial #	Value	

**Narrative**

**EVIDENCE:**

SP1: (1) known fingerprint card for Aaron SWARTZ, DOB: 11/08/1986, W/M, OBTH: TCAM201100032, collected on January 6, 2011.

The following collected on scene on 01/04/2011. See 1st Incident report for this case.

LP1: (1) small clear hinge lifter from the bottom right corner of the inner hard-drive unit (CS2b). Collected at approx. 1321 hours.

(Continued on next page)

Reporting Officer (b)(6),(b)(7)(C) (02/23/2011 11:50:20)	Approving Officer (b)(6),(b)(7)(C) (04/15/2011 14:01:23)
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**CAMBRIDGE POLICE DEPARTMENT  
CAMBRIDGE, MA  
Supplementary Report #11000078/1**

Approved For Public View

Date/Time Printed: Fri Apr 15 14:11:21 EDT 20 By: (b)(6),(b)(7)(C)

Case Title MIT COMPUTER CRIMES	Location 301 VASSAR ST (BLD 1)
Date/Time Reported 01/04/2011 10:49:00	Date/Time Occurred to
Incident Type/Offense MISCELLANEOUS STATUTORY VIOLATION(999999)	

**Narrative (Continued from page 1)**

- LP2: (1) small clear hinge lifter from the top right corner of the inner hard drive unit (CS2b). Collected at approx. 1224 hours.
- LP3: (1) small clear hinge lifter from the middle left side of laptop screen (CS1). Collected at approx. 1226 hours.
- LP4: (1) small clear hinge lifter from the upper left corner of the laptop screen (CS1). Collected at approx. 1230 hours.
- LP5: (1) small clear hinge lifter from the upper right corner of the laptop screen (CS1). Collected at approx. 1232 hours.
- LP6: (1) small clear hinge lifter from the middle right side of the laptop screen (CS1). Collected at approx. 1245 hours.

**NARRATIVE:**

On January 4, 2011 and January 6, 2011 I examined the above latent print lifts and relevant photographs to determine their value for comparison. LP1, LP2, LP3, LP4, and LP5 were determined to contain insufficient ridge detail for comparison. LP6 was determined to contain insufficient quantity and quality for individualization but contained sufficient detail for exclusion. I compared LP6 to SP1 and excluded Aaron SWARTE as a the donor for LP6.

LP1-LP6 are secured in ID Unit case files.

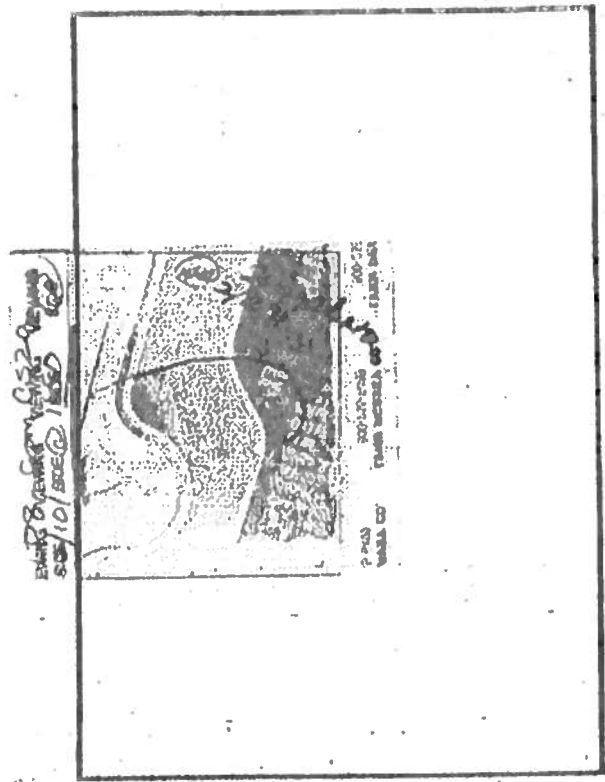
Reporting Officer (b)(6),(b)(7)(C)	Reviewing Officer	Approving Officer (b)(6),(b)(7)(C)
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Cambridge Police Department  
Identification Unit

LATENT PRINT EXAMINATION WORKSHEET

Case#: 11-000078  
 Latent#: LPS-10  
 Examiner: (b)(6), (b)(7)(C)  
 Date: 1/12/2011



Processing Technique:  
 Powder:  LPS  
 Photo:  SRD  
 Chemical:  Cyano-Powder  
 Other: ABS

**SPEX Entry**

Date Entered: NA  
 Examiner: \_\_\_\_\_  
 Inverted:   
 Pattern:  RS  IS  W  A  O  PAT.M  
 Core Present:  Delta Present:   
 Skeleton: NA  
 # of Points: \_\_\_\_\_  
 Submitted to Database:   
 Initial QED Supplemental:   
 Candidate List Searched and Reviewed: NA  
 Misc. Notes: (M) #6 Swartz, Aaron

Finger Palm Impression  
 (L) EDGE OF ROLL  
 Value for Comparison SRD

**Manual Comparison:**

Name	DOB	OBTN
1. <u>Swartz, Aaron</u>	<u>11/08/86</u>	<u>TCM 201100032</u> (F)
2. <u>(b)(6), (b)(7)(C)</u>		<u>(b)(6), (b)(7)(C)</u>
3. _____		
4. _____		
5. _____		
6. _____		
7. _____		
8. _____		
9. _____		
10. _____		



Cambridge Police Department  
Identification Unit

LATENT PRINT EXAMINATION WORKSHEET

Case#: 11-000078  
Latent#: LP8 of 10  
Examiner: (b)(6), (b)(7)(C)  
Date: 2/10/2011

**A**

Level 1 Detail:  
Pattern Type/Ridge Flow  
Incipient ridges, scars, warts  
Quality (distortion)

Level 2 Detail:  
Ridge Morphology (size/shape)  
Target/Unique ridge detail

Level 3 Detail:  
Pore/Edge detail  
Secondary Cresces

*Delta flow not visible  
1 loop, Q edge of roll  
very faint, white ridges  
B4 (fing) ridges visible  
flexion crease  
thin, tight ridge morph.  
island/start of  
flexion crease  
edge/pore detail faint & limited*

**C**

Individuals Compared: SWARTZ, Aaron: W/M, DOB:

**E**

Individualization: SWARTZ, Aaron: W/M, DOB: 11/08/1986  
#6 @ thumb TEAM 201100032

Exclusion:  
In (b)(6), (b)(7)(C)

**V**

Agency: BOSTON

Date Submitted: 2/25/2011 Date Verified: 3/11/2011

RESULT NOTES	
Not suitable for search but suitable for comparison	
Unable to make comparison due to poor quality of impressions on the ten-print card Checked as far as possible and remains unidentified	
Insufficient detail to establish identity but sufficient detail to present to exclude identity	
Insufficient detail to either establish or exclude identity	
Insufficient detail for comparison purposes	

*(b)(6), (b)(7)(C)*



**CAMBRIDGE POLICE DEPARTMENT  
CAMBRIDGE, MA**

**Incident Report #11000078**

Approved For Public View

Date/Time Printed: Thu Apr 07 16:05:13 EDT 2011 By

(b)(6),(b)(7)(C)

Case Title MIT COMPUTER CRIMES	Location 301 VASSAR ST (BLD 1)
Date/Time Reported 01/04/2011 10:49:00	Date/Time Occurred to
Incident Type/Offense MISCELLANEOUS STATUTORY VIOLATION(999999)	

Persons							
Role	Name	Sex	Race	Age	DOB	Phone	Address
						(home)	
						(cell)	
						(home)	
						(cell)	

Offenders							
Status	Name	Sex	Race	Age	DOB	Phone	Address
						(home)	
						(cell)	
						(home)	
						(cell)	

Vehicles							
Role	Type	Year	Make	Model	Color	Reg #	State
Stolen \$	Rec Code	Date Rec	Rec S	Rec By			

Property						
Class	Description	Make	Model	Serial #	Value	

**Narrative**

**EVIDENCE**

The following items were documented on scene with notes and photographs only and not collected at this time.

CS1: (1) mini laptop: ACER, Aspireone, SN: LUSAXoDool001E1601, SNID: 00106556616. Laptop is described as a black base w/ silver top.

CS2: (1) External hard drive compartment: Silver w/ top & bottom that separate from each other exposing an internal removable unit (CS2b). The compartment reads,

(Continued on next page)

Reporting Officer (b)(6),(b)(7)(C) (02/11/2011 17:28:22)	Reviewing Officer	Approving Officer (b)(6),(b)(7)(C) (04/07/2011 19:50:58)
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**CAMBRIDGE POLICE DEPARTMENT**  
**CAMBRIDGE, MA**  
**Incident Report #11000078**

Approved For Public View

Date/Time Printed: Thu Apr 07 16:05:13 EDT 20By: (b)(6) (b)(7)(C)

Case Title MIT COMPUTER CRIMES	Location 301 VASSAR ST (BLD 1)
Date/Time Reported 01/04/2011 10:49:00	Date/Time Occurred to
Incident Type/Offense MISCELLANEOUS STATUTORY VIOLATION(999999)	

**NARRATIVE** (Continued from page 1)

"RocketFish" on the top and bottom reads, "RF 3.5 SATA lid enclosure kit RF-AKD35" Inside the compartment is a green electronic circuit panel. A USB cord connects CS2 to CS1.

CS2b: (1) inner hard drive unit, or internal removable unit located inside CS2. Unit is a Samsung, Model: MD154UI, SN: S1Y6J1CE800326.

\*\*\*\*\*

The following evidence collected on scene by me on 01/04/2011 and sealed in a small coin envelope.

LP1: (1) small clear hinge lifter from the bottom right corner of the inner hard-drive unit (CS2b). Collected at approx. 1221 hours.

LP2: (1) small clear hinge lifter from the top right corner of the inner hard drive unit (CS2b). Collected at approx. 1224 hours.

LP3: (1) small clear hinge lifter from the middle left side of laptop screen (CS1). Collected at approx. 1226 hours.

LP4: (1) small clear hinge lifter from the upper left corner of the laptop screen (CS1). Collected at approx. 1230 hours.

LP5: (1) small clear hinge lifter from the upper right corner of the laptop screen (CS1). Collected at approx. 1232 hours.

LP6: (1) small clear hinge lifter from the middle right side of the laptop screen (CS1). Collected at approx. 1245 hours.

\*\*\*\*\*

PHOTOS: (85) photos collected on scene on 01/04/2011.

\*\*\*\*\*

**NARRATIVE:**

On January 4, 2011, (b)(6),(b)(7)(C) and I responded to the MIT Police Station to assist with an incident that occurred within BLDG #16. We were escorted to the location by CPD Detective (b)(6),(b)(7)(C) MIT Detectives and other Secret Service Agents. At approx. 1105 hours, we arrived at Bldg 16 and proceeded to the basement level to a closet (labeled #16-004t) that was secured by MIT officers on scene. We observed double doors opening to a closet area containing phone and computer network portales according to MIT IT specialists on site. The closet was approx. 4 feet deep by 6 feet wide, the floor covered in dust and electrical/computer/phone panels lined the walls, some w/ wires plugged into the panels/units.

I observed a chair in the center of the room with a laptop on top. We were advised this was placed there by MIT IT specialists. On the floor, I also observed a cardboard box turned

(Continued on next page)

Reporting Officer (b)(6),(b)(7)(C)	Reviewing Officer	Approving Officer (b)(6),(b)(7)(C)
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**CAMBRIDGE POLICE DEPARTMENT**  
**CAMBRIDGE, MA**  
**Incident Report #11000078**

Approved For Public View

Date/Time Printed: Thu Apr 07 16:05:13 EDT 2011

(b)(6),(b)(7)(C)

Case Title MIT COMPUTER CRIMES	Location 101 VASSAR ST (BLD 1)
Date/Time Reported 01/04/2011 10:49:00	Date/Time Occurred to
Incident Type/Offense MISCELLANEOUS STATUTORY VIOLATION(999999)	

**Narrative (Continued from page 2)**

over, a small laptop (CS1), and a silver hard drive compartment (CS2) with power cords and data cables connecting them to the computer panels on the wall. Specifically, a grey wire connects the laptop to a Cisco Systems Catalyst 4006 in Row #4, plug #2.

The scene was documented with notes and photographs. Then I examined the laptop, hard-drive compartment and inner unit (CS1, CS2, CS2b) and accompanying power cords and USB cords for any visible ridge detail. Faint ridge detail was observed on the laptop screen. I fumed the laptop, hard-drive and inner unit (CS1, CS2, CS2b) and power/USB cords with a portable fuming wand. I then used traditional black fingerprint powder to enhance any ridge detail on the surfaces of those items. Ridge detail was observed on the inner hard drive unit (CS2b) and resulted in 2 latent print lifts (LP1, LP2). Ridge detail was also observed surrounding the laptop screen (CS1) resulting in 4 latent print lifts (LP3-LP6). No further ridge detail was observed on any other surfaces.

The items CS1, CS2 and CS2b were left in the custody of MIT Detectives and Secret Service Agents.

We cleared the scene at approx. 1300 hours.

Reporting Officer (b)(6),(b)(7)(C)	Reviewing Officer	Approving Officer (b)(6),(b)(7)(C)
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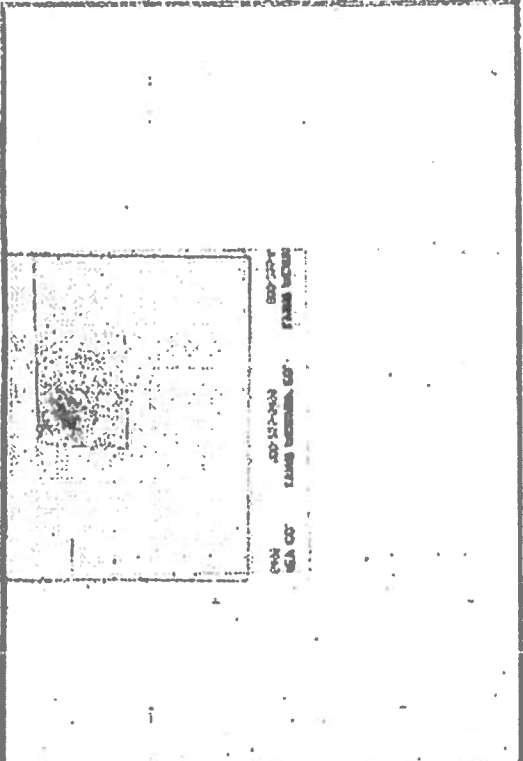




Cambridge Police Department  
Identification Unit

LATENT PRINT EXAMINATION WORKSHEET

Case#: 11-000078  
 Latent#: LE9 12  
 Examiner: (b)(6), (b)(7)(C)  
 Date: 2/12/2011



PLACING C-SEALING WEARERS USE  
 2005/11/23/2011

**Processing Technique:**  
 Powder:  Chemical:  Aluminum v. Powder  
 Photo:  Other: \_\_\_\_\_

**SPEX Entry**

Date Entered: NA  
 Examiner: \_\_\_\_\_  
 Inverted:   
 Pattern:  RS  LS  W  **PALM**  
 Core Present:   
 Skeleton:  (b)(6), (b)(7)(C)  
 # of Points: \_\_\_\_\_  
 Submitted to Dat:   
 Initial QED Supplemental:   
 Candidate List Searched and Reviewed:   
 Misc. Notes: \_\_\_\_\_

Finger	Palm	Impression
Value for Comparison		<u>1 RD</u>

**Manual Comparison:**

Name	DOB	OBTN
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		

(b)(6), (b)(7)(C)



Cambridge Police Department  
Identification Unit

LATENT PRINT EXAMINATION WORKSHEET

Case#: 11-000078

Latent#: IPQ 10

Examiner: (b)(6), (b)(7)(C)

Date: 2/10/11

Level 1 Detail:  
Pattern Type/Ridge Flow  
Incipient ridges, scars, warts  
Quality (distortion)

**A**

Level 2 Detail:  
Ridge Morphology (size/shape)  
Target/Unique ridge detail

Level 3 Detail:  
Pore/Edge detail  
Secondary Creases

**C**

Individuals Compared:

**E**

Individualization:

(b)(6), (b)(7)(C)

Exclusion:

Inconclusive:

**V**

Agency: \_\_\_\_\_

Date Submitted: \_\_\_\_\_ Date Verified: \_\_\_\_\_

**RESULT NOTES**

Not suitable for search but suitable for comparison

Unable to make comparison due to poor quality of impressions on the ten-print card

Checked as far as possible and remains unidentified

Insufficient detail to establish identity but sufficient detail to present to exclude identity

Insufficient detail to either establish or exclude identity

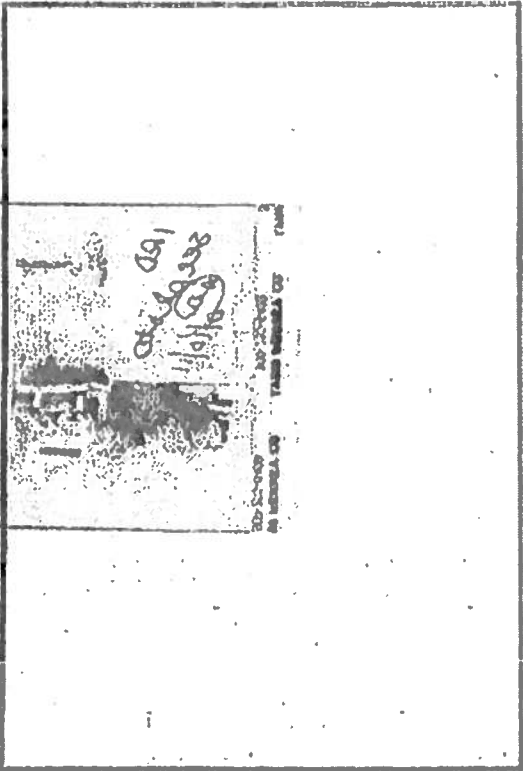
Insufficient detail for comparison purposes



Cambridge Police Department  
Identification Unit

LATENT PRINT EXAMINATION WORKSHEET

Case#: 11-000078  
Latent#: 171-0910  
Examiner: (b)(6), (b)(7)(C)  
Date: 4/10/2011



Processing Technique:  
Powder:  Chemical:  Cyanide Powd.  
Photo:  Other: \_\_\_\_\_

**SPEX Entry**

Date Entered: \_\_\_\_\_  
Examiner: \_\_\_\_\_  
Inverted:   
Pattern:  RS  **PALM**  
Core Present:   
Skeleton:   
# of Points: (b)(6), (b)(7)(C)  
Submitted to I:   
Initial QED System:   
Candidate E:   
Searched and Reviewed:   
Misc. Notes: \_\_\_\_\_

**Finger**      **Palm**      **Impression**

Value for Comparison: 1RS

**Manual Comparison:**

Name	DOB	OBIN
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		

(b)(6), (b)(7)(C)



Cambridge Police Department  
Identification Unit

LATENT PRINT EXAMINATION WORKSHEET

Case#: 11-000078  
Latent#: 1P7 of 10  
Examiner: (b)(6), (b)(7)(C)  
Date: 2/10/11

Level 1 Detail:  
Pattern Type/Ridge Flow  
Incipient ridges, scars, warts  
Quality (distortion)

**A**

Level 2 Detail:  
Ridge Morphology (size/shape)  
Target/Unique ridge detail

Level 3 Detail:  
Pore/Edge detail  
Secondary Creases

**C**

Individuals Compared

**E**

Individualization: (b)(6), (b)(7)(C)

Exclusion:

Inconclusive:

**V**

Agency: \_\_\_\_\_

Date Submitted: \_\_\_\_\_

Date Verified: \_\_\_\_\_

**RESULT NOTES**

Not suitable for search but suitable for comparison	
Unable to make comparison due to poor quality of impressions on the ten-print card	
Checked as far as possible and remains unidentified	
Insufficient detail to establish identity but sufficient detail to present to exclude identity	
Insufficient detail to either establish or exclude identity	
Insufficient detail for comparison purposes	

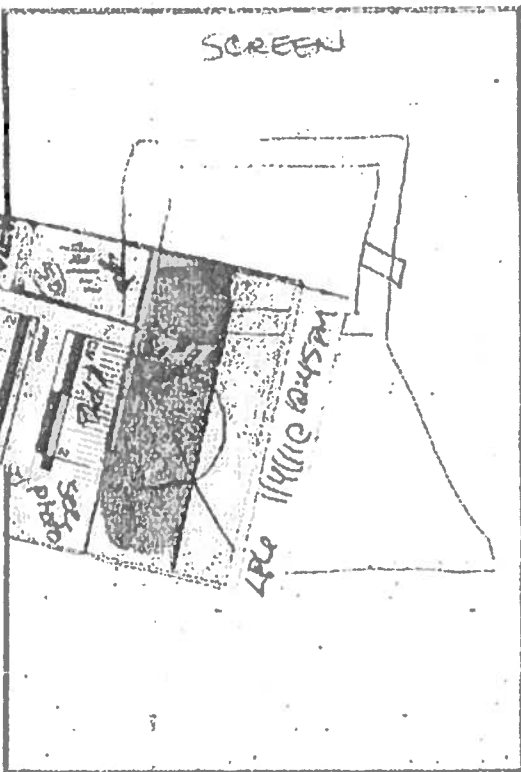


Cambridge Police Department  
Identification Unit

LATENT PRINT EXAMINATION WORKSHEET

Case#: 11-000078  
Latent#: L.P. of 10-10  
Examiner: (b)(6), (b)(7)(C)  
Date: 1/6/2011

1/4/2011



Processing Technique:  
Powder:  Chemical:  Cyanocrystal  
Photo:  Other: POUR

**SPEX Entry**

Date Entered: NA  
Examiner: \_\_\_\_\_  
Inverted:   
Pattern:  RS  LS  W  O  P A I M  
Core Present:  Present:   
Skeletal: (b)(6), (b)(7)(C)  
# of P: \_\_\_\_\_  
Submitted to Database:   
Initial QI Supplemental:   
Candidate List Searched and Reviewed:   
Misc. Notes: \_\_\_\_\_

Finger 1 Palm Impression  
loop  
Value for Comparison SRD @ left

**Manual Comparison:**

Name	DOB	OBTN
1. SWARTZ, Aaron H	11/8/1986	TCA-M201100032
(b)(6), (b)(7)(C)		(b)(6), (b)(7)(C)
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		



Cambridge Police Department  
Identification Unit

LATENT PRINT EXAMINATION WORKSHEET

Case#: 11-000078  
 Latent#: LP6 of 10  
 Examiner: (b)(6), (b)(7)(C)  
 Date: 1/4/2011

**A**

Level 1 Detail:  
 Pattern Type/Ridge Flow  
 Incipient ridges, scars, warts  
 Quality (distortion)

*SP2*  
 Core delta not present  
 Loop, thick, wide ridges  
 Core present

Level 2 Detail:  
 Ridge Morphology (size/shape)  
 Target/Unique ridge detail

Ridge detail limited due to  
 small surface area on *SP2* substrate  
 pressure distribution (approx  
 4 left of core, 5 above, 7 right, 0 below)

Level 3 Detail:  
 Pore/Edge detail  
 Secondary Creases

Some edge detail but not clear off  
 LP6 & SP2.

**C**

Individuals Compared: *SWARTZ, Aaron; W/M, DOB: 11/08/1986.  
 TCAM201100032*

*SP2* [Redacted] (b)(6), (b)(7)(C)

**E**

Exclusion: *SWARTZ, Aaron; W/M, DOB: 11/08/1986  
 TCAM201100032*

Inconclusive [Redacted] (b)(6), (b)(7)(C)

**V**

Agency: \_\_\_\_\_  
 Date Submitted: \_\_\_\_\_ Date Verified: \_\_\_\_\_

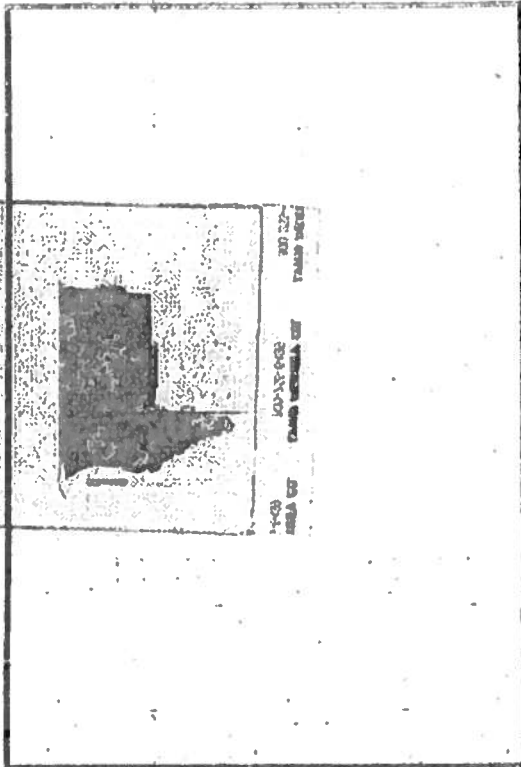
RESULT NOTES	
Not suitable for search but suitable for comparison	[Redacted] (b)(6), (b)(7)(C)
Unable to make comparison due to poor quality of impressions on the ten-print card	[Redacted] (b)(6), (b)(7)(C)
Checked as far as possible and remains unidentified	[Redacted] (b)(6), (b)(7)(C) <i>Level 2</i>
Insufficient detail to establish identity but sufficient detail to present to exclude identity	<i>SWARTZ, AARON</i> [Redacted] (b)(6), (b)(7)(C)
Insufficient detail to either establish or exclude identity	[Redacted] (b)(6), (b)(7)(C)
Insufficient detail for comparison purposes	[Redacted] (b)(6), (b)(7)(C)



Cambridge Police Department  
Identification Unit

LATENT PRINT EXAMINATION WORKSHEET

Case#: 11-120078  
Latent#: 21PT 10  
Examiner: (b)(6), (b)(7)(C)  
Date: 3/10/2011



Processing Technique:

Powder:  Chemical:  CYANO  
Photo:  Other: Black Powder

SPEX Entry

Date Entered: NA  
Examiner: \_\_\_\_\_  
Inverted:   
Pattern:  RS  LS  A  O  PATM  
Core Present:   
Skeleton:   
# of Points: (b)(6), (b)(7)(C)  
Submitted to Database:   
Initial QED Supplement:   
Candidate List Searched and Reviewed:   
Misc. Notes: \_\_\_\_\_

Finger Palm Impression

Value for Comparison

1RD

Manual Comparison:

	Name	DOB	OBIN
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			

(b)(6), (b)(7)(C)



Cambridge Police Department  
Identification Unit

LATENT PRINT EXAMINATION WORKSHEET

Case#: 11-000078  
Latent#: 2LP7 of 10  
Examiner: (b)(6), (b)(7)(C)  
Date: 2/10/2011

Level 1 Detail:  
Pattern Type/Ridge Flow  
Incipient ridges, scars, warts  
Quality (distortion)

**A**

Level 2 Detail:  
Ridge Morphology (size/shape)  
Target/Unique ridge detail

Level 3 Detail:  
Pore/Edge detail  
Secondary Creases

**C**

Individual:

**E**

Individual:

Exclusion: (b)(6), (b)(7)(C)

Inconclusive:

**V**

Agency:

Date Submitted:

Date Verified:

RESULT NOTES

Not suitable for search but suitable for comparison

Unable to make comparison due to poor quality of impressions on the ten-print card

Checked as far as possible and remains unidentified

Insufficient detail to establish identity but sufficient detail to present to exclude identity

Insufficient detail to either establish or exclude identity

Insufficient detail for comparison purposes

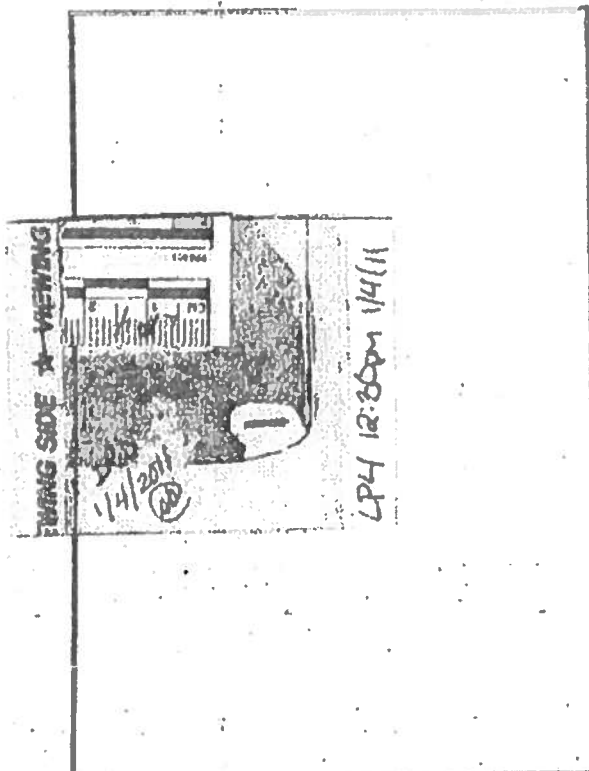




Cambridge Police Department  
Identification Unit

LATENT PRINT EXAMINATION WORKSHEET

Case#: 11-000078  
Latent#: LP4  
Examiner: (b)(6), (b)(7)(C)  
Date: 1/4/2011



Processing Technique:  
Powder:  UBK Chemical:  Cyanoside  
Photo:  Other: \_\_\_\_\_

**SPEX Entry**

Date Entered: \_\_\_\_\_  
 Examiner: \_\_\_\_\_  
 Inverted:   
 Pattern:  rs  LS  A  TM  
 Core Present:   
 Skeleton: \_\_\_\_\_  
 # of Points: (b)(6), (b)(7)(C)  
 Submitted to Database:   
 Initial QED Supplied:   
 Candidate List Searched and Reviewed:   
 Misc. Notes: \_\_\_\_\_

Finger	Palm	Impression
Value for Comparison		<u>1R</u>

**Manual Comparison:**

Name	DOB	OBTN
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		

(b)(6), (b)(7)(C)



Cambridge Police Department  
Identification Unit

LATENT PRINT EXAMINATION WORKSHEET

Case#: 11-000078  
Latent#: LP# 10  
Examiner: (b)(6), (b)(7)(C)  
Date: 1/4/2011

Level 1 Detail:  
Pattern Type/Ridge Flow  
Incipient ridges, scars, warts  
Quality (distortion)

**A**

Level 2 Detail:  
Ridge Morphology (size/shape)  
Target/Unique ridge detail

Level 3 Detail:  
Pore/Edge detail  
Secondary Creases

**C**

Individuals Compared:

**E**

Individualization:

Exclusion:

Inconclusive:

**V**

Agency: \_\_\_\_\_

Date Submitted: \_\_\_\_\_ Date Verified: \_\_\_\_\_

RESULT NOTES

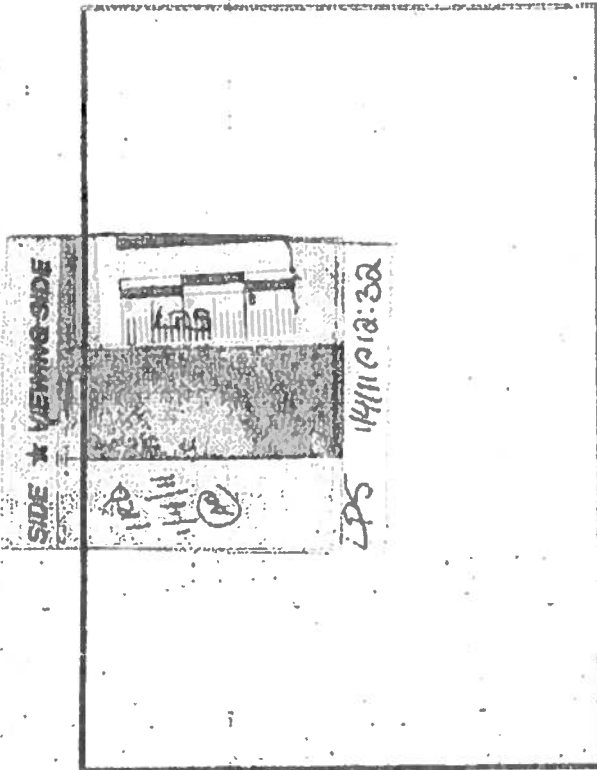
Not suitable for search but suitable for comparison	
Unable to make comparison due to poor quality of impressions on the ten-print card	
Checked as far as possible and remains unidentified	
Insufficient detail to establish identity but sufficient detail to present to exclude identity	
Insufficient detail to either establish or exclude identity	
Insufficient detail for comparison purposes	



Cambridge Police Department  
Identification Unit

LATENT PRINT EXAMINATION WORKSHEET

Case#: 11-000078  
 Latent#: 15 of 10  
 Examiner: (b)(6), (b)(7)(C)  
 Date: 1/4/2011



Processing Technique:  
 Powder:  Black Chemical:  Cyanoside  
 Photo:  Other: \_\_\_\_\_

**SPEX Entry**

Date Entered: NA  
 Examiner: \_\_\_\_\_  
 Inverted:   
 Pattern:  RS  LS  W   PATM  
 Core Present:   
 Skeleton:  (b)(6), (b)(7)(C)  
 # of Points: \_\_\_\_\_  
 Submitted to:   
 Initial QED Supplemental:   
 Candidate List Searched and Reviewed:   
 Misc. Notes: \_\_\_\_\_

Finger	Patrn	Impression
Value for Comparison		<u>1R2</u>

**Manual Comparison:**

Name	DOB	OBTN
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		

(b)(6), (b)(7)(C)



Cambridge Police Department  
Identification Unit

LATENT PRINT EXAMINATION WORKSHEET

Case#: 11-000078  
Latent#: LP5 of 10  
Examined: (b)(6),(b)(7)(C) /  
Date: 1/4/2011

Level 1 Detail:  
Pattern Type/Ridge Flow  
Incipient ridges, scars, warts  
Quality (distortion)

**A**

Level 2 Detail:  
Ridge Morphology (size/shape)  
Target/Unique ridge detail

Level 3 Detail:  
Pore/Edge detail  
Secondary Creases

**C**

Individuals Compared:

**E**

Individualization:

Exclusion:

Inconclusive:

(b)(6),(b)(7)(C)

**V**

Agency: \_\_\_\_\_

Date Submitted: \_\_\_\_\_

Date Verified: \_\_\_\_\_

RESULT NOTES

Not suitable for search but suitable for comparison

Unable to make comparison due to poor quality of impressions on the ten-print card

Checked as far as possible and remains unidentified

Insufficient detail to establish identity but sufficient detail to present to exclude identity

Insufficient detail to either establish or exclude identity

Insufficient detail for comparison purposes

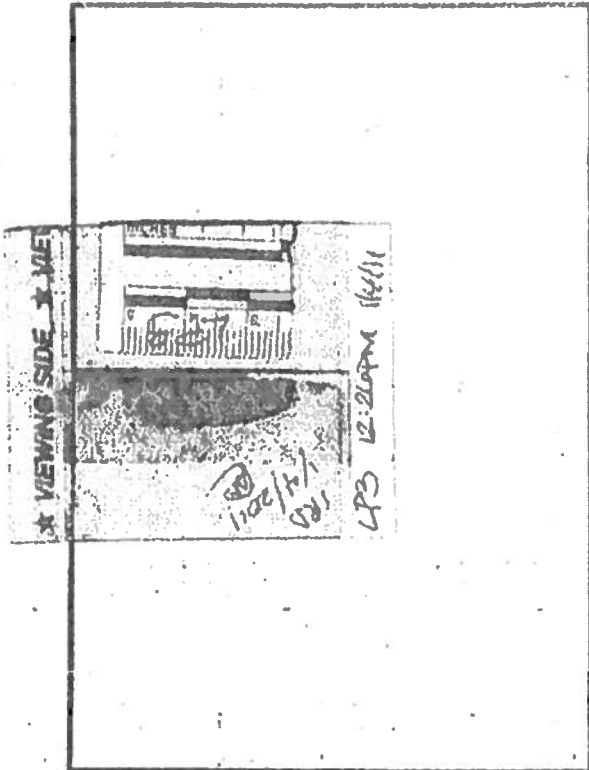


Cambridge Police Department  
Identification Unit

LATENT PRINT EXAMINATION WORKSHEET

Case#: 11-000078  
Latent#: LPB of 10  
Examiner: (b)(6), (b)(7)(C)  
Date: 1/6/2011

1/4/2011



Processing Technique:  
Powder:  VBK Chemical:  Cyanoacrylate  
Photo:  Other: \_\_\_\_\_

**SPEEX Entry**

Date Entered: NA  
Examiner: \_\_\_\_\_  
Inverted:   
Pattern:  RS  LS  W  **PAT.M**  
Core Present:  Delta   
Skeleton: \_\_\_\_\_  
# of Points: (b)(6), (b)(7)(C)  
Submitted to I:   
Initial QED Su: \_\_\_\_\_ al:   
Candidate List: \_\_\_\_\_ ed and Reviewed:   
Misc. Notes: \_\_\_\_\_

Finger Palm Impression  
Value for Comparison 1 RD

**Manual Comparison:**

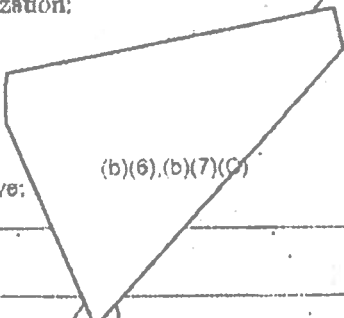
Name	DOB	OBTN
1.		
2.		
3.		
4.		
5.	<u>(b)(6), (b)(7)(C)</u>	
6.		
7.		
8.		
9.		
10.		



Cambridge Police Department  
Identification Unit

LATENT PRINT EXAMINATION WORKSHEET

Case#: 11-000078  
 Latent#: LP3 of 10  
 Examiner: (b)(6), (b)(7)(C)  
 Date: 1/4/2011

<b>A</b>	<p><u>Level 1 Detail:</u>          Pattern Type/Ridge Flow          Incipient ridges, scars, warts          Quality (distortion)</p> <p><u>Level 2 Detail:</u>          Ridge Morphology (size/shape)          Target/Unique ridge detail</p> <p><u>Level 3 Detail:</u>          Pore/Edge detail          Secondary Creases</p>
<b>C</b>	Individuals Compared:
<b>E</b>	<p>Individualization:</p> <p>Exclusion: </p> <p>Inconclusive: (b)(6), (b)(7)(C)</p>
<b>V</b>	<p>Agency: _____</p> <p>Date Submitted: _____ Date Verified: _____</p>

RESULT NOTES	
Not suitable for search but suitable for comparison	
Unable to make comparison due to poor quality of impressions on the ten-print card	
Checked as far as possible and remains unidentified	
Insufficient detail to establish identity but sufficient detail to present to exclude identity	
Insufficient detail to either establish or exclude identity	
Insufficient detail for comparison purposes	



CAMBRIDGE POLICE DEPARTMENT  
CAMBRIDGE, MA

**Master Person #: 1100000437**

**Basic Person Information**

Name: **AARON H SWARTZ**  
 Address: (b)(6),(b)(7)(C)  
 City:  
 State/Zip:  
 Gender: **MALE**  
 Height: **506**      Weight: **120**  
 DOB: **11/08/1986**      Age: **24**  
 SSN #: (b)(6),(b)(7)(C)



Physical Characteristics			
Hair Color	Eye Color	Build	Complexion
BROWN	BROWN	THIN	FAIR
Scars Marks and Tattoos			

Personal Data			
Race	Ethnicity	Residency	
WHITE	NOT OF HISPANIC ORIGIN	NONRESIDENT	
Home Phone	Work Phone	Cell Phone	
(b)(6),(b)(7)(C)			
Email Address			
Marital Status			Maiden Name
UNMARRIED			
Mother	Mother's Maiden Name	Father	
(b)(6),(b)(7)(C)	(b)(6),(b)(7)(C)	(b)(6),(b)(7)(C)	
Birth City	Birth State	Birth Country	Citizen
(b)(6),(b)(7)(C)	(b)(6),(b)(7)(C)		Y
License #	State	Country	Class      Expiration Date
(b)(6),(b)(7)(C)	CA		11/08/2013

**Employer**

Employer		
Occupation RESEARCH AT HAR	Employer HARVARD U	Employer Phone
Employer Address 124 MOUNT AUBURN ST #52 CAMBRIDGE MA		

**Finger Prints**

Finger Prints		
Prints Taken? Y	Print # TCAM201100	Date/Time Taken 01/06/2011 14:57:26
SID #	FBI #	State Prob Num

**Entry Information**

Entry Information	
Entered By: ID / Name (b)(6), (b)(7)(C)	DT Entered 01/06/2011
Updated By: ID / Name (b)(6), (b)(7)(C)	DT Updated 02/23/2011

**Names**

Name Type	Last Name	Name(s)		Suffix
		First Name	Middle Name	
TRUE	SWARTZ	AARON	H	
ALIAS	SWARTZ	AARON	H	
ALIAS	SWARTZ	AARON	H	



## Addresses

Num	Street Name	Apt	City	State	Date Entered
950	MASSACHUSETTS AVE	(b)	CAMBRIDGE	MA	02/11/2011 00:00:00
(b)(6),(b)(7)(C)					01/06/2011 00:00:00
					01/06/2011 00:00:00

## Links

### Activities

Application Record Date Record Information

Link Information

**BOOKINGS** 01/06/2011 ARREST Booking date: 2011-01-06 14:46:26 Arrest date: 2011-01-06 14:18:00

Complaint #: 110000023 Charge Code: 266/18/B Desc: B&E DAYTIME FOR FELONY c266 S18

**OFFENDER** 01/06/2011 CAM-PD INCIDENT #: 11000131-0 OFFENDER #: 1  
DEPENDANT

**OFFENDER** 01/04/2011 CAM-PD INCIDENT #: 11000078-1 OFFENDER #: 1  
SUSPECT

**OFFENDER** 01/04/2011 CAM-PD INCIDENT #: 11000078-3 OFFENDER #: 1  
SUSPECT



**CAMBRIDGE POLICE DEPARTMENT**  
**CAMBRIDGE, MA**  
 Prisoner Property Report

Below Listed Property Removed From:

Name	DOB	ID Number
AARON H SWARTZ	11/08/1986	1100000437
Address		
24		
CAMBRIDGE MA		

Property Removed From Prisoner

Property #: 1		
Property Type	Tag ID	Storage Location
PERSONAL PROPERTY		PLASTIC BIN, PLASTIC BAG
Property Description		
headphones, pen, cell phone, ear muffs, black wallet with ID's and 100.01 in cash and two sets of keys. black coat and running shoe		

Release / Transfer From Police Custody

I Certify the above property is a correct list of property taken from me at the time of my arrest.

Prisoners Signature: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

I Certify the receipt of all the above listed items.

Prisoners Signature: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Officers Signature: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_



February 23, 2011

Hi [REDACTED]

I truly appreciate your help with this. I know the work load you are up against.




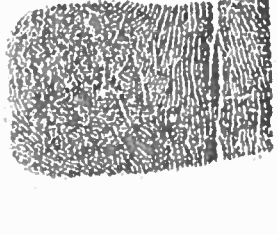


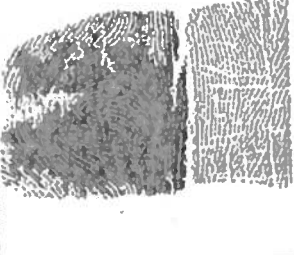
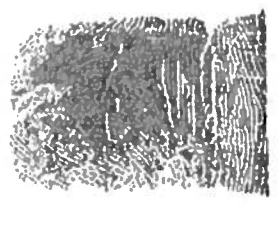
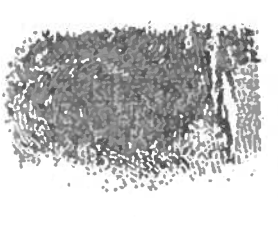
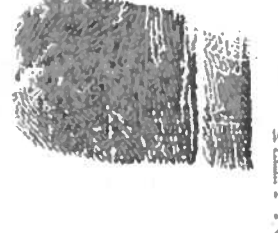
The submitted photos are of 1 latent, labeled LP8. It was developed on the surface of an internal hard-drive unit. The photos are taken prior to any processing. Only an ALS was used. Once the item was fumed and processed the detail was minimized or lost.

Thank you again. Feel free to contact me with questions or to allow me to return the favor of assisting you with any casework.

[REDACTED]

010611	(b)(6), (b)(7)(C)	11-08-1986	M	W
SWARTZ, AARON H SIGNATURE OF PERSON FINGERPRINTED		PLACE OF BIRTH IL		
DEPARTMENT-AGENCY MA0091100 CAMBRIDGE PD		HGT. 506	WGT. 120	EYES BRO
ARRESTING OFFICER(S)		HAIR BRO		
DEPARTMENT-BARRACADES-UNIT		SOCIAL SECURITY NO.		
DATE OF ARREST 01-06-2011	(b)(6), (b)(7)(C)	FBI NO.		

NOTE IN SPACE BELOW REASON FOR MISSING OR POOR IMPRESSIONS DUE TO AMPUTATIONS, DEFORMITY, INJURY OR CONDITIONS OF HANDS

 1. R. THUMB	 2. R. INDEX	 3. R. MIDDLE	 4. R. RING	 5. R. LITTLE
 6. L. THUMB	 7. L. INDEX	 8. L. MIDDLE	 9. L. RING	 10. L. LITTLE

ID 50X50G8 TP5700 #000408 5:33:04  
 MA0091100  
 EX 1640 / 3V  
 20110106  
 2733

```
<?xml version="1.0" encoding="UTF-8" standalone="yes" ?>  
<a:clMap xmlns:a="http://schemas.openxmlformats.org/drawingml/2006/main"  
  bg1="lt1" tx1="dk1" bg2="lt2" tx2="dk2" accent1="accent1" accent2="accent2"  
  accent3="accent3" accent4="accent4" accent5="accent5" accent6="accent6"  
  hlink="hlink" foHlink="foHlink" />
```





**FARON PARAMORE (GPA)**

---

**From:** Wade Tyson, Jill C (OLA) (b)(6),(b)(7)(C)@usdoj.gov  
**Sent:** Tuesday, January 22, 2013 11:04 AM  
**To:** FARON PARAMORE (GPA)  
**Co:** (b)(6),(b)(7)(C)@hq.dhs.gov  
**Subject:** RE: U.S. Secret Service - Aaron Swartz case out of Boston

DAD Paramore:

Thanks for your e-mail. I will get back to you shortly with the right POCs here. We have a few attorneys working on this matter and I want to ensure I get you to the right place.

-JCT

Jill C. Tyson (Wade)  
Attorney Advisor  
U.S. DEPARTMENT OF JUSTICE  
Office of Legislative Affairs  
(b)(6),(b)(7)(C)@usdoj.gov  
(b)(6),(b)(7)(C) - direct

-----Original Message-----

**From:** FARON PARAMORE (GPA) [mailto:(b)(6),(b)(7)(C)@ussss.dhs.gov]  
**Sent:** Tuesday, January 22, 2013 10:59 AM  
**To:** Wade Tyson, Jill C (OLA)  
**Cc:** (b)(6),(b)(7)(C)@hq.dhs.gov  
**Subject:** U.S. Secret Service - Aaron Swartz case out of Boston

Good Morning Ms. Wade, hope you are well.

Ma'am, my name is Faron K. Paramore. I serve as the Deputy Assistant Director in the Office of Congressional Affairs for the U.S. Secret Service.

Last Thursday afternoon (1/17/13) I was contacted by a Mr. (b)(6),(b)(7)(C) professional staff with the House Oversight & Government Reform Committee (Majority Staff - Chairman Issa), requesting to receive a briefing from the U.S. Secret Service regarding our role / investigation of the Aaron Swartz case out of Boston, MA.

Ma'am, at your convenience would it be possible for me to give you a call to discuss this matter.

Thank you very much for your time.

Faron K. Paramore  
Deputy Assistant Director  
Office of Congressional Affairs  
United States Secret Service

Ph: (202) 406-5676 Main line  
(b)(6),(b)(7)(C) Direct line  
Cell  
(202) 406-5740 Fax

**FARON PARAMORE (GPA)**

---

**From:** FARON PARAMORE (GPA)  
**Sent:** Tuesday, January 22, 2013 1:05 PM  
**To:** PAUL MORRISSEY (GPA); JANE MURPHY (INV); HUGH DUNLEAVY (INV)  
**Cc:** FARON PARAMORE (GPA); LYNDA WILLIAMS (GPA)  
**Subject:** Call w/ DOJ regarding Aaron Swartz case / briefing to House Oversight & Gov't Reform Committee

Good afternoon, hope you are well.

SAIC Williams and I just spoke with Ms. Molly Gaston from DOJ's Office of Legislative Affairs.

Ms. Gaston advised that they were also telephonically contacted by Chairman Issa's staff last Thursday afternoon, requesting to provide a briefing on the Swartz case. per USDOJ/OIP/OLA

(b)(5)

I will advise the group of DOJ's decision once I hear back from Ms. Gaston.

Thanks much.

Faron.

Faron K. Paramore  
Deputy Assistant Director  
Office of Congressional Affairs  
United States Secret Service

Ph: (202) 406-5676 Main line  
(b)(6),(b)(7)(C) Direct line  
Cell  
(202) 406-5740 Fax



(b)(6),(b)(7)(C)

(CID)

**From:** Heymann, Stephen (USAMA) (b)(6),(b)(7)(C) [usdoj.gov]  
**Sent:** Monday, July 11, 2011 12:58 PM  
**To:** (b)(6),(b)(7)(C) (CID)  
**Cc:** (b)(6),(b)(7)(C) (BOS); (b)(6),(b)(7)(C) (USAMA)  
**Subject:** Aaron Swartz

(b)(6),(b)(7)(C)

per EOUSA

(b)(5)

Is there a time we could talk this afternoon or tomorrow? (If it is a matter of indifference to you, this afternoon would be better for us.)

Many thanks, Steve

(b)(6), (b)(7)(C)

(CID)

**From:** (b)(6), (b)(7)(C), Per (b)(6), (b)(7)(C), Per BOS  
**Sent:** Wednesday, March 02, 2011 5:31 PM  
**To:** 'Heymann, Stephen (USAMA)'  
**Cc:** (b)(6), (b)(7)(C), (CID)  
**Subject:** bash history of Acer Involved with MIT hack and downloading from JSTOR  
**Attachments:** bash-History.txt

FYI

The bash history of the Acer that was connected to the MIT network has references to the python script keepgrabbing and JSTOR:

```
cat .bash_history
rm .bash_history
screen -x
uptime
df -h
ls /mnt/pdfs/|wc -l
ls -f /mnt/pdfs/|wc -l
screen -x
cat .bash_history
ls
cat .ssh/known_hosts
whois ygl.as
uptime
curl www.jstor.org
links www.jstor.org/stable/838383
ls
mv 838383.pdf /mnt/pdfs/
screen -r
screen -x
curl jstor.org
curl -I www.jstor.org
curl -I www.jstor.org
sudo ifconfig wlan0 down
sudo dhclient -re
sudo dhclient -r
sudo ifconfig eth0 up
sudo dhclient
curl -I www.jstor.org
curl scripting.com
/sbin/ifconfig -a
curl scripting.com
ping 4.2.2.2
cat /etc/resolv.conf
sudo dhclient -r
sudo dhclient
ping 4.2.2.2
cat /etc/resolv.conf
curl scriptng.com
```

```
curl www.google.com
curl -i www.jstor.org
/sbin/ifconfig -a
ping ghost-laptop.dyndns-free.com
ps ax | grep ip
/etc/init.d/ez-ipupdate
/etc/init.d/ez-ipupdate reload
sudo /etc/init.d/ez-ipupdate reload
ping ghost-laptop.dyndns-free.com
dig ghost-laptop.dyndns-free.com
dig @ns1.dyndns.org ghost-laptop.dyndns-free.com
sudo /etc/init.d/ez-ipupdate restart
dig @ns1.dyndns.org ghost-laptop.dyndns-free.com
ez-ipupdate --help
ez-ipupdate --help | less
sudo ez-ipupdate
sudo ez-ipupdate -i eth0
more /etc/ez-ipupdate/default.conf
ez-ipupdate --help | less
sudo ez-ipupdate -c /etc/ez-ipupdate/default.conf
sudo ez-ipupdate -vvv -c /etc/ez-ipupdate/default.conf
ez-ipupdate --help | less
sudo ez-ipupdate -vvv -c /etc/ez-ipupdate/default.conf -i eth0
sudo ez-ipupdate -c /etc/ez-ipupdate/default.conf -i eth0
dig @ns1.dyndns.org ghost-laptop.dyndns-free.com
ls /mnt/ | wc -l
cd /mnt
ls
ps ax | grep touch
ps ax | grep seq
touch 1
ls
touch 2
seq 1 20
seq 1 20 | xargs touch
ls | wc -l
seq 1 2000000 | xargs touch
ls | wc -l
ls | less
ls | wc -l
ps ax | grep bash
w
who am i
kill 3658
kill -9 3658
mkdir pdfs
cd pdfs
~/keepgrabbing.py
emacs /home/ghost/keepgrabbing.py
zlle /home/ghost/keepgrabbing.py
~/keepgrabbing.py
touch foo
```

```
rm foo
cd ..
~/keepgrabbing.py
cd /mnt
ls
rm *
ls
cd pdfs
ls
cd
ls
python serveblocks.py
python serveblocks.py 8092
bg
fg
ps ax | grep serve
kill 2461
ps ax | grep serve
python serveblocks.py 8092
bg
ls /mnt
ls /mnt/pdfs
ls -l /mnt/pdfs/
cd
gnome-screensaver-command --activate
ls
ps ax | grep curl
kill 19047
curl www.jstor.org
dhclient --help
sudo dhclient
bwm-ng
ls blocks/ | wc -l
df -h
links www.jstor.org/stable/873098
bwm-ng
gnome-screensaver-command --activate
ls blocks/ | wc -l
bwm-ng
ls blocks/ | wc -l
uptime
bwm-ng
df -h
ls blocks | wc -l
bwm-ng
sudo umount /mnt
df
screen -x
~/keepgrabbing.py
cd /mnt/
~/keepgrabbing.py
fg
```





```
~/keepgrabbing.py
~/keepgrabbing.py
cd /mnt/
~/keepgrabbing.py
~/keepgrabbing.py
cd /mnt/
~/keepgrabbing.py
~/keepgrabbing.py
cd /mnt/
~/keepgrabbing.py
~/keepgrabbing.py
cd /mnt/
~/keepgrabbing.py
~/keepgrabbing.py
cd /mnt/
~/keepgrabbing.py
~/keepgrabbing.py
cd /mnt/
~/keepgrabbing.py
cd /mnt
~/keepgrabbing.py
screen -r
screen -x
uptime
df -h
screen -r
screen -x
e
uptime
bwm-ng
df -h
screen -x
ps ax | grep curl
ps ax | grep keepgr | awk '{print $1}' | xargs kill
ps ax | grep curl
ps ax | grep gr
ps ax | grep curl
df -h
/sbin/ifconfig -a
sudo ifconfig eth0:1 static 18.55.7.49
curl --interface eth0:1 www.jstor.org
curl --interface eth0:1 www.google.org
rsync -avz pdfs/ ghost-macbook.dyndns-free.com:/vol/pdfs
screen -r
screen -x
python
sudo easy_install pyoai
sudo apt-get install python-lxml
sudo easy_install pyoai
```

```
python
sudo easy_install --remove pyoai
easy_install --help
easy_install --help|less
sudo easy_install --remove pyoai
python
sudo easy_install pyoai
cd /usr/local/lib/python2.6/
ls
ls site-packages/
cd
ls
locate easy-install.pth
locate easy_install.pth
sudo easy_install pyoai
locate easy-install.pth
cd /usr/lib/python
ls
ls -a
cd ../python2.6
ls
easy_install --help
easy_install --help|less
python serveblocks.py
python serveblocks.py 8092
bg
sudo dhclient -r
sudo dhclient
sudo dhclient -r
sudo dhclient
sudo dhclient -r
sudo dhclient
ping 4.2.2.2
sudo dhclient -r
sudo dhclient
sudo dhclient -r
sudo dhclient
sudo dhclient -r
sleep 60
sudo dhclient -r
sudo dhclient
cd /vol/
ls -l
ls -lh pdfs
easy_install pyoai
sudo apt-get install python-setuptools
sudo apt-get update
sudo apt-get install python-setuptools
sudo apt-get upgrade
ez-ipupdate
sudo /etc/init.d/ez-ipupdate restart
ping ghost-laptop.dyndns-free.com
```



```
/sbin/ifconfig eth0
ping 18.55.7.237
ping ghost-laptop.dyndns-free.com
sudo /etc/init.d/ez-ipupdate restart
ping 18.55.7.237
ping ghost-laptop.dyndns-free.com
sudo /etc/init.d/ez-ipupdate help
sudo /etc/init.d/ez-ipupdate force-reload
ping ghost-laptop.dyndns-free.com
more /etc/init.d/ez-ipupdate
more /etc/ez-ipupdate/default.conf
sudo less /etc/ez-ipupdate/default.conf
ps ax | grep ez-ip
ping ghost-laptop.dyndns-free.com
cd /vol/pdfs/
ls
ls | less
python oaigrab.py
python -i oaigrab.py
cd /vol/
ls
cd muse.jhu.edu/
ls
cd content/oai/journals/
ls
cd social_text/
ls
cd v017/
ls
more 17.3
more 17.3dutton.html
man wget
du -hsc /vol/*
du -hsc /vol/*
bwm-ng
ls -lh urlstograb.wget
grep pdf urlstograb.wget
screen -x
man wget
cd /vol/
ls
wget -x -nc ~/urlstograb.wget
wget -x -nc -i ~/urlstograb.wget
sudo chown ghost .
wget -x -nc -i ~/urlstograb.wget
wget -q -x -nc -i ~/urlstograb.wget
wget -nv -x -nc -i ~/urlstograb.wget
screen -x
emacs oaigrab.py
sudo apt-get install emacs23-nox
emacs oaigrab.py
python oaigrab.py | tee urlstograb.wget
```

```

wc -l uristograb.wget
grep html uristograb.wget | sed -e 's/html/pdf/' > uristograb2.wget
grep pdf uristograb.wget | sed -e 's/pdf/html/' > uristograb2.wget
more uristograb
more uristograb2.wget
cd /vol/
wget -nv -x -nc -i ~/uristograb2.wget
grep html uristograb.wget | sed -e 's/html/pdf/' >> uristograb2.wget
cd
grep html uristograb.wget | sed -e 's/html/pdf/' >> uristograb2.wget
cd /vol
wget -nv -x -nc -i ~/uristograb2.wget
curl muse.jhu.edu/f
links muse.jhu.edu
screen -x
cd /media/noname/
ls
cp tograb.log /home/ghost/
ccd
cd
cd blocks/
ls | wc -l
cd ..
ls
mv tograb.log blocks/
cd blocks/
more tograb.log
split -i 100 tograb.log
split --help
split --help | less
split -l 100 tograb.log tograb.
ls
rm tograb.*
cp /media/noname/tograb.log tograb-
split --help | less
split -a 5 -l 100 tograb.log tograb-
ls tograb*
wc -l
ls | wc -l
mv tograb.log ..
sudo dhclient --release
sudo dhclient -r
sudo dhclient
sudo dhclient -r
sudo dhclient
sudo /etc/init.d/ez-ipupdate restart
ping ghost-laptop.dyndns-free.com
/sbin/ifconfig -a | less
ping ghost-laptop.dyndns-free.com
screen -x
sudo ifconfig eth0 up
curl --interface eth0 https://nic.mit.edu:444/bin/dynareg?class=visitor

```

```

/sbin/ifconfig -a
sudo dhclient
curl --interface eth0 https://nic.mit.edu:444/bin/dynareg?class=visitor
cat logininfo
curl --interface eth0 https://10.72.0.47:444/bin/dynareg?class=visitor
curl --interface eth0 10.72.0.47
ping --help
ping -I eth0 10.72.0.47
/sbin/ifconfig -a
ping -I eth0 4.2.2.2
man ping
ping -I 10.2.55.120 4.2.2.2
sudo ping -I 10.2.55.120 4.2.2.2
/sbin/ifconfig -a | less
sudo ping -I 10.2.55.120 4.2.2.2
sudo ping -I wlan0 4.2.2.2
sudo ping -I eth0 4.2.2.2
ping -I eth0 4.2.2.2
sudo ping -I eth0 4.
sudo ping -I eth0 10.72.0.47
sudo curl --interface eth0 10.72.0.47
man curl
sudo curl --interface 10.2.55.120 10.72.0.47
route
/sbin/ifconfig -a
route add default gw 18.2.55.1
sudo route add default gw 18.2.55.1
sudo ping -I eth0 10.72.0.47
echo "sudo route add default gw 18.2.55.1" >> logininfo
sudo curl --interface 10.2.55.120 10.72.0.47
curl --interface eth0 10.72.0.47
curl --interface eth0 https://10.72.0.47:444/bin/dynareg?class=visitor
curl -k --interface eth0 https://10.72.0.47:444/bin/dynareg?class=visitor
curl -d "class=visitor" -k --interface eth0 https://10.72.0.47:444/bin/dynareg
curl -d "class=visitor&action=Register" -k --interface eth0 https://10.72.0.47:444/bin/dynareg
curl -d "vname=Grace+Host&vemall=ghost42@mailinator.com&action=Register&class=visitor" -k --interface eth0
https://10.72.0.47:444/bin/dynareg
echo 'curl -d "vname=Grace+Host&vemall=ghost42@mailinator.com&action=Register&class=visitor" -k --interface eth0
https://10.72.0.47:444/bin/dynareg' >> logininfo
curl --interface eth0 10.72.0.47
sudo dhclient eth0
sleep 600; sudo dhclient eth0
route
curl --interface wlan0 www.yahoo.com
curl --interface wlan0 4.2.2.2
sleep 600; sudo dhclient eth0
sudo dhclient eth0
sudo ping -I eth0 10.72.0.47
sudo ping -I wlan0 4.2.2.2
sudo ping -I eth0 4.2.2.2
man route
dnslp

```

```
dig www.yahoo.com
dig www.yahoo.com |grep "IN"
dig www.yahoo.com |grep "IN" | grep 10.72
echo 'dig www.yahoo.com |grep "IN" | grep 10.72' > logininfo
/sbin/ifconfig -a
/sbin/ifconfig -a |grep en
sudo ifconfig eth0 hw 00:4c:e5:a0:c7:56
sudo ifconfig eth0 hw ether 00:4c:e5:a0:c7:56
sudo ifdown eth0
sudo ifconfig eth0 hw ether 00:4c:e5:a0:c7:56
sudo ifconfig eth0 down
sudo ifconfig eth0 hw ether 00:4c:e5:a0:c7:56
sudo ifconfig eth0 up
emacs logininfo
ping www.yahoo.com
dig yahoo.com
sudo dhclient
dig www.yahoo.com
emacs logininfo
emacs /etc/ez-ipupdate/default.conf
/sbin/ifconfig -a
sudo emacs /etc/ez-ipupdate/default.conf
/etc/init.d/ez-ipupdate restart
sudo /etc/init.d/ez-ipupdate restart
dig
dig x.dyndns-free.com
dig ns x.dyndns-free.com
cat /etc/resolv.c
cat /etc/resolv.conf
dig www.yahoo.com
dig www.yahoo.com
links --help
links --help |grep inerf
links --help |grep interf
lynx
curl --interface eth0 www.yahoo.com
dig @10.2.55.7 www.yahoo.com
dig @10.2.55.2 www.yahoo.com
sudo dhclient
cat /etc/resolv.conf
sudo dhclient
cat /etc/resolv.conf
ping 10.72.0.47
dig @10.72.0.47 www.google.com
gnome-screensaver-
df
ping www.yahoo.com
echo 10.72.0.47 >> logininfo
dig --help
host --help
dig ns x.dyndns-free.com
dig @ns1.dyndns.org ghost-laptop.dyndns-free.org
```

```

dig @ns1.dyndns.org ghost-laptop.dyndns-free.com
/sbin/ifconfig -a
ssh ghost-laptop.dyndns-free.org
ssh ghost-laptop.dyndns-free.com
ssh --help | grep interf
man ssh
sudo ifconfig eth0 down
ssh ghost-laptop.dyndns-free.com
sudo curl --interface eth0 10.72.0.47
route
ssh ghost-laptop.dyndns-free.com
ping www.yahoo.com
/sbin/ifconfig -a
ssh 10.189.76.179
sudo dhclient eth0
sudo dhclient eth0
route
man route
route
sudo dhclient eth0
sudo route del default
sudo route -net 10.0.0.0 gw 10.189.64.1
sudo route add -net 10.0.0.0 gw 10.189.64.1
sudo route add 10.0.0.0 gw 10.189.64.1
route
ping 10.189.76.179
ping 10.72.0.47
sudo dhclient eth0
/sbin/ifconfig -a
ping google.com
route
ping 4.2.2.2
sudo dhclient eth0
cat logininfo
curl -d "vname=Grace+Host&vemail=ghost42@mailinator.com&vsponsor=&vinterval=14"
curl -d "vname=Grace+Host&vemail=ghost42@mailinator.com&vsponsor=&vinterval=14" -k --interface eth0
https://10.72.0.47:444/bin/dynareg
echo 'curl -d "vname=Grace+Host&vemail=ghost42@mailinator.com&vsponsor=&vinterval=14" -k --interface eth0
https://10.72.0.47:444/bin/dynareg' >> logininfo
curl www.yahoo.com
echo 'curl -d "vname=Grace+Host&vemail=ghost42@mailinator.com&vsponsor=&vinterval=14" -k --interface eth0
https://10.72.0.47:444/bin/dynareg' >> logininfo
curl -d "vname=Grace+Host&vemail=ghost42@mailinator.com&vsponsor=&vinterval=14" -k --interface eth0
https://10.72.0.47:444/bin/dynareg
curl -d "vname=Grace+Host&vemail=ghost42@mailinator.com&vsponsor=&vinterval=5" -k --interface eth0
https://10.72.0.47:444/bin/dynareg
sudo dhclient eth0
sudo dhclient -r
sudo dhclient -r eth0
sudo dhclient eth0
/sbin/ifconfig -a > ifconfiglog
/sbin/ifconfig -a

```

```

sudo ifconfig wlan0 down
sudo ifconfig wlan0 hw ether 90:4c:e5:a0:c7:55
sudo ifconfig wlan0 up
/sbin/ifconfig -a
/etc/init.d/ez-ipupdate restart
sudo /etc/init.d/ez-ipupdate restart
dig ghost-laptop.dyndns-free.com
ping 4.2.2.2
sudo dhclient
ping 4.2.2.2
ping www.yahoo.com
route
curl www.yahoo.com
ssh ghost-laptop.dyndns-free.com
/sbin/ifconfig -a
ssh 18.111.48.33
curl www.yahoo.com
sudo dhclient eth0
cd /media/bce820ea-a03b-4556-bfa6-eff2d9eb665e/
ls
ls | grep ajp
ls | grep -v oxford
cd /vol

ls
cd www.genome.org/content/1/3/
ls
cd /media/bce820ea-a03b-4556-bfa6-eff2d9eb665e/
more pdfs/2520824.pdf
more pdfs/25208234.pdf
ls -l pdfs/25208234.pdf
ls -Ul pdfs | head
python
ps ax | grep pyth
ps ax | grep ls
sudo kill 8185
sudo kill -9 8185
fg
cd bl
cd blocks/
ls
cd done/
ls | less
ls | head
more allpd00000009
more allpd00000009
more allpd00000009
ls -l /media/bce820ea-a03b-4556-bfa6-eff2d9eb665e/pdfs/20273145.pdf
ls | tail
more tograb aaggu
more /media/bce820ea-a03b-4556-bfa6-eff2d9eb665e/pdfs/359815.pdf
ls -l /media/bce820ea-a03b-4556-bfa6-eff2d9eb665e/pdfs/359815.pdf

```

```

ls | less
ls | grep -v pd | less
ls | grep blk | tail
more blk0000003629
more /media/bce820ea-a03b-4556-bfa6-eff2d9eb665e/399479
more /media/bce820ea-a03b-4556-bfa6-eff2d9eb665e/399479.pdf
more /media/bce820ea-a03b-4556-bfa6-eff2d9eb665e/3999479.pdf
more /media/bce820ea-a03b-4556-bfa6-eff2d9eb665e/pdfs/3999479.pdf
more /media/bce820ea-a03b-4556-bfa6-eff2d9eb665e/pdfs/3999478.pdf
cd
python
ln -s /media/bce820ea-a03b-4556-bfa6-eff2d9eb665e/ /media/drive
sudo ln -s /media/bce820ea-a03b-4556-bfa6-eff2d9eb665e/ /media/drive
fg
ls /media/drive/pdfs*
c
w
/sbin/ifconfig -a
ssh 10.189.61.53
/sbin/ifconfig -a
sudo /etc/init.d/ez-ipupdate restart
ssh 18.111.48.33
ls
more failedandneedto grab
cat failedandneedto grab | sed -e 's/.pdf//' | sort -u | head
cat failedandneedto grab | sed -e 's/.pdf//' | sort -u > failed-partial-clean
head failed-partial-clean > blocks/testfailed
/sbin/ifconfig -a
curl --interface wlan0 www.yahoo.com
route
ping 18.111.31.1
wc -l failedandneedto grab
sudo apt-get install autossh
sudo apt-get update
man ssh
ps ax | grep dhclient
kill 7937
sudo kill 7937
sudo kill 8001
sudo kill 8281
ps ax | grep dhclient
ps ax | grep netwo
ps ax | grep Netw
sudo kill 730
ps ax | grep Netw
ps axf
/etc/init.d/network-manager stop
sudo /etc/init.d/network-manager stop
ps ax
ps ax | grep dhcl
sudo kill 8839
ps ax

```

```
/sbin/ifconfig -a
sudo emacs /etc/ez-ipupdate/default.conf
sudo /etc/init.d/ez-ipupdate restart
dig ghost-laptop.dyndns-free.com
ls
screen -x
w
who am i
wc -l failed-clean
screen -x
|
ls
cat failedandneedtograb | sed -e 's/.pdf//' | sort -u > failed-partial-clean
wc -l failedandneedtograb
cat failedandneedtograb | sed -e 's/.pdf//' | sort -u > failed-clean
rm failed-partial-clean
more failed-clean
cd blocks/done
ls | less
less blk0000000020
wc -l blk0000000020
cd ..
split --help
split -a 5 -l 1000 failed-clean blocks/blkfail
df -h
screen -x
screen -x
who am i
cd uml
python
cd uml
grep 797854 *
grep 801899 *
ls
more 900.html
grep 1978790241 *
screen -r
screen -x
links
ls
screen -x
ls blocks
ls
rm failedandneedtograb
rm failed-clean
python
ls
mv pdf2size.dbm pdf2size-js3.dbm
fg
more stilltograbx
split --help
split -a 5 -l 100 stilltograbx blocks/stillblk
```



```

ls blacks
fg
cd /media/drive/pdfs
more 3590725.pdf
less 3697690.pdf
cd /media/drive/pdfs
more 3590725.pdf
less 3697690.pdf
links "http://www.nejm.org.ezp-
pr/doi/full/10.1056/NEJMp078190?keytype2=tf_ipsecsha&ljkey=d016a4ba45489a1d98c8c00d31b0f51b7fe229d4&
links "http://www.nejm.org.ezp-pr/doi/full/10.1056/NEJMp078190"
links "http://www.nejm.org/doi/full/10.1056/NEJMp078190"
ls
ls umi/saneurl.py
links http://linkinghub.elsevier.com/retrieve/pii/0933365789900110
links "http://linkinghub.elsevier.com/retrieve/pii/092911999490006X"
more /vol/umi/107685.html
links /vol/umi/107685.html
links /vol/umi/107794.html
curl -i http://linkinghub.elsevier.com/retrieve/pii/B9780750657457500224
curl -i
"http://linkinghub.elsevier.com/retrieve/articleSelectSingle?Redirect=http%3A%2F%2Fwww.sciencedirect.com%2Fscien
ce%3F_ob%3DGatewayURL%26_origin%3Dinwardhub%26_urversion%3D4%26_method%3DcitationSearch%26_piikey%
3DB9780750657457500224%26_version%3D1%26md5%3D5d0b15fec31eccc36684151f1e94990a"
curl -i
"http://www.sciencedirect.com/science?_ob=GatewayURL&_origin=inwardhub&_urversion=4&_method=citationSearc
h&_piikey=B9780750657457500224&_version=1&md5=5d0b15fec31eccc36684151f1e94990a"
curl -i "http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B8K8S-4RJMDTB-
8&_user=501045&_coverDate=01%2F09%2F2008&_rdoc=1&_fmt=high&_orig=search&_origin=search&_sort=d&_doca
nchor=&vlew=c&_acct=C000022659&_version=1&_urVersion=0&_userid=501045&md5=0dd2643f6e14c404198de5326
a67c81a&searchtype=a"
ping www.jstor.org
curl www.jstor.org
ls
screen -x
df -h
screen -r
screen -x
cd /media/drive/jsindex/
ls
rm *
ls
s
ls
cd 1923
ls
more 00900.html
python
cd ..
ls
python
more 1923/06700.html

```

```

fg
ls blocks
df -h
sudo umount /media/bce820ea-a03b-4556-bfa6-eff2d9eb665e/
ping 4.2.2.2
/sbin/lfdconfig -a
/sbin/lfdconfig -a | less
ls
~/bin/sls pdfs | head
./sls pdfs | head
cd pdfs
./sls | xargs -l mv {} /vol/pdfs/
./sls . | xargs -i mv {} /vol/pdfs/
ls
cd ..
rmdir pdfs
more deleteandgrab
ls
ls -l
more pdfs3.sls
tail pdfs3.sls
ls
more js3.lslR
less js3.lslR
ls -lh js3.lslR
fg
ls
ls -lh pdf2size-js4.dbm
wc -l js3.lslR
python
split -a 5 -l 100 30mblocks blocks/grp30m
cd /vol/jsindex/
python
cd /media/dr
cd /media/drive/
~/keepgrabbing.py
fg
more /media/drive/4478605.pdf
more /media/drive/pdfs/4478605.pdf
curl protect.theinfo.org
links protect.theinfo.org
df
ps ax | grep part
ps ax
cd /media/
ls
mkdir drive2
sudo mkdir drive2
sudo mount /dev/sdf drive2
sudo mount -t reiserfs /dev/sdf drive2
sudo mount -t reiserfs /dev/sdf1 drive2
df

```

```
df -h
cd drive2
ls
ls -a
mkdir pdfs
sudo mkdir pdfs
sudo chown ghost pdfs
cd /vol
ls -l
cd ..
ls -l
rm vol
sudo rm vol
sudo ln -s /media/drive2 vol
screen -r
screen -x
ping www.google.com
/sbin/ifconfig -a
/sbin/ifconfig -a | less
dhclient
sudo dhclient
sudo ifdown eth0:1
ping www.google.com
/sbin/ifconfig -a
/sbin/ifconfig -a | less
ping 4.2.2.2
cat /etc/resolv
cat /etc/resolv.conf
ping 10.72.0.47\
ping 10.72.0.47
ping 4.2.2.2
sudo ifconfig down eth0:1
sudo ifconfig eth0:1 down
/sbin/ifconfig -a | less
sleep 600 && bell
bg
dhclient
sudo dhclient
df -h
sudo umount /dev/sdf1
fg
df
ps ax | grep dhcile
sudo kill 31696
/sbin/ifconfig -a | less
screen -x
gnome-screensaver
gnome-screensaver-command --lock
gnome-lock-screen
gnome-screensaver-lock
xscreensaver -lock
gnome-screensaver-command --lock
```

```

gnome-screensaver
screen -x
df
cd /media/
ls
mount /dev/sdg1 3aab9fe1-9c54-43b1-9374-72722d78d3e0/
sudo mount /dev/sdg1 3aab9fe1-9c54-43b1-9374-72722d78d3e0/
df
sudo mount /dev/sdh1 3aab9fe1-9c54-43b1-9374-72722d78d3e0/
ls
/sbin/ifconfig -a
sudo ifconfig mac 91:4c:e5:a0:c7:55
ls
/sbin/ifconfig -a > mac
sudo ifconfig mac 91:4c:e5:a0:c7:55
fg
sudo ifconfig eth0 mac 91:4c:e5:a0:c7:55
man ifconfig
sudo ifconfig eth0 hw ether 91:4c:e5:a0:c7:55
/sbin/ifconfig -a |grep ether
/sbin/ifconfig eth0
sudo ifconfig eth0 hw ether 00:4c:e5:a0:c7:55
sudo ifdown eth0
sudo ifconfig eth0 hw ether 00:4c:e5:a0:c7:55
sudo ifconfig eth0 down
sudo ifconfig eth0 hw ether 00:4c:e5:a0:c7:55
sudo ifconfig eth0 up
dhclient
sudo dh
sudo dhclient
sudo dhclient -r
cd /mnt/
ls
df
cd /media/bce820ea-a03b-4556-bfa6-eff2d9eb665e/
ls
ls -l /
ln -s /media/hce820ea-a03b-4556-bfa6-eff2d9eb665e/ /vol
SUDO ln -s /media/hce820ea-a03b-4556-bfa6-eff2d9eb665e/ /vol
sudo ln -s /media/bce820ea-a03b-4556-bfa6-eff2d9eb665e/ /vol
cd /vol
ls
df
ifconfig
sudo dhclient -r
sudo dhclient
ls
cd
ls
screen -r
ls blocks|wc -l
screen

```

```

screen -r
screen -x
wc -l uristograb.wget
df -h | grep media
df -h | grep media
wc -l uristograb.wget
df -h | grep media
grep -v oxford uristograb.wget |less
grep -v oxford uristograb.wget |grep -v dukejo |grep -v genesdev |grep -v err |less
grep -v oxford uristograb.wget |grep -v dukejo |grep -v genesdev |grep -v err |grep -v cshlp |grep -v rnajou |less
grep -v oxford uristograb.wget |grep -v dukejo |grep -v genesdev |grep -v err |grep -v cshlp |grep -v rnajou |grep -v
genome|less
grep -v oxford uristograb.wget |grep -v dukejo |grep -v genesdev |grep -v err |grep -v cshlp |grep -v majou |grep -v
genome|grep -v learnmem|less
wc -l uris*
df -h | grep media
ls blocks/|wc -l
df -h | grep media
ls blocks/|wc -l
df -h | grep media
ls blocks/|wc -l
df -h | grep media
LS
df
w
df -h | grep media
ls blocks/|wc -l
df -h | grep media
ks blocks/|wc -l
ls blocks/|wc -l
df -h | grep media
ls blocks/|wc -l
df -h | grep media
ls blocks/|wc -l
df -h | grep media
ls blocks/|wc -l
ls /mnt
ls /vol
df -h | grep media
ls blocks/|wc -l
df -h | grep media
ls blocks/|wc -l
df -h | grep media
ls blocks/|wc -l
df -h
ls blocks/|wc -l
df -h | grep media
ls blocks/|wc -l
df -h
df -h | grep media
ls blocks/|wc -l
df -h | grep media

```

```
ls blocks/|wc -l
df -h | grep media
ls blocks/|wc -l
df -h | grep media
ls blocks/|wc -l
df -h | grep media
ls blocks/|wc -l
df -h | grep media
ls blocks/|wc -l
df -h | grep media
ls blocks/|wc -l
df -h | grep media
ping google.com
/sbin/ifconfig -a
/sbin/ifconfig -a |less
df
umount /media/drive
cd /media/drive/
ls
df -h
ls
sudo umount /dev/sde1
sudo umount -f /dev/sde1
df
/sbin/ifconfig -a |less
df -h | grep drive2
ls blocks/|wc -l
cd
ls blocks/|wc -l
df -h | grep drive2
/sbin/ifconfig -a
ifconfig eth0:1 static 18.55.7.241
sudo ifconfig eth0:1 static 18.55.7.241
/sbin/ifconfig -a
curl --interface eth0:1 www.jstor.org
curl --interface eth0 www.jstor.org
sudo ifconfig eth0:1 static 18.55.6.241
curl --interface eth0 www.jstor.org
curl --interface eth0:1 www.jstor.org
sudo ifconfig eth0:1 static 18.55.5.241
curl --interface eth0:1 www.jstor.org
sudo ifconfig eth0:1 static 18.55.4.241
curl --interface eth0:1 www.jstor.org
/sbin/ifconfig -a
sudo ifconfig eth0:1 static 18.54.4.241
curl --interface eth0:1 www.jstor.org
sudo ifconfig eth0:1 static 18.54.5.241
sudo ifconfig eth0:1 static 18.55.5.241
sudo ifconfig eth0:1 up static 18.55.5.241
ls blocks/|wc -l
ping 4.2.2.2
cd vol
```

```
cd /vol
~/keepgrabbing.py
fg
cd ..
ls vol
ls -l vol
rm vol
sudo rm vol
sudo ln -s /media/drive /vol
cd /vol
~/keepgrabbing.py
a
~/keepgrabbing.py
cd ..
cd vol
~/keepgrabbing.py
cd
ls
mkdir tomove
cd tomove
mkdir pdfs
~/keepgrabbing.py
emacs ../keepgrabbing.py
~/keepgrabbing.py
sudo rm /vol
sudo ln -s /media/3aab9fe1-9c54-43b1-9374-72722d78d3e0/ /vol
cd /vol
~/keepgrabbing.py
fg
ls
cd ../vol
~/keepgrabbing.py
links www.jstor.org
dhclient
/sbin/ifconfig -a
ifconfig up eth0:1 18.55.6.251
ifconfig --help | less[A]
ifconfig --help
ifconfig eth0:1 up static 18.55.6.251
sudo ifconfig eth0:1 up static 18.55.6.251
sudo ifconfig eth0:1 up static 18.55.6.252
/sbin/ifconfig -a
ping --help | less
ping -I eth0:1 www.google.com
/sbin/ifconfig -a
/sbin/ifconfig -a | less
sudo ifconfig eth0:1 up static 18.55.6.241
/sbin/ifconfig -a
ping -I eth0:1 www.google.com
ping -I 18.55.6.241 www.google.com
curl --interface eth0:1 www.google.com
curl --interface eth0:1 www.jstor.org
```

```

curl --help | less
/sbin/ifconfig -a
sudo ifconfig eth0:1 up static 18.55.6.252
curl --interface eth0:1 www.jstor.org
sudo ifconfig eth0:1 up static 18.55.7.240
curl --interface eth0:1 www.jstor.org
curl --interface eth0:1 www.jstor.org/x
ls
emacs keepgrabbing.py
cd tomove/pdfs/
ls | wc -l
mv * /vol/pdfs
ls
cd ..
ls
mkdir uml
cd uml
curl -o 0.html "proquest.umi.com/pqdweb?RQT=305&SQ=PMID(66569)&PageSize=50"
curl -o 0.html "proquest.umi.com/pqdweb?RQT=305&SQ=PMID(66569)&PageSize=50&cfc=1"
more 0.html
curl -i proquest.umi.com/pqdweb?RQT=305&SQ=PMID(66569)&PageSize=50
curl -i "proquest.umi.com/pqdweb?RQT=305&SQ=PMID(66569)&PageSize=50"
curl -H "Cookie: JSESSIONID=f4zWwqzMRSha" -o 0.html
"proquest.umi.com/pqdweb?RQT=305&SQ=PMID(66569)&PageSize=50"
more 0.html
curl -H "Cookie: JSESSIONID=f4zWwqzMRSha" -o 50.html
"proquest.umi.com/pqdweb?RQT=305&SQ=PMID(66569)&PageSize=50&firstIndex=50"
diff -u 0.html 50.html
macs curlcommands.py
emacs curlcommands.py
python curlcommands.py
python curlcommands.py
more curlcommands.sh
rm curlcommands.py
emacs curlcommands.py
python curlcommands.py
more curlcommands.sh
bash curlcommands.sh
more 1100
more 1100.html
lynx -dump 1100.html
links 1100.html
python
cat > saneurl.py
fg
ls /media
fg
mkdir /media/drive/uml
fg
curl -i http://proquest.umi.com/pqdweb
fg
ls /media/drive/uml

```



```
more /media/drive/2073772711.pdf
more /media/drive/umi/2073772711.pdf
more /media/drive/umi/2073772711.html
more /media/drive/umi/2073772711.pdf
fg
cd /vol
~/keepgrabbing.py
cd ..
cd vol
~/keepgrabbing.py
fg
~/keepgrabbing.py
cd ..
cd vol
ls
~/keepgrabbing.py
ls
df -h
pwd
cd ..
cd vol
~/keepgrabbing.py
cd ../vol
ls
~/keepgrabbing.py
cd /media
ls
cd 3aab9fe1-9c54-43b1-9374-72722d78d3e0/
ls
df -h
sudo shutdown now
cd /media/de
cd /media/drive/
mkdir jsindex
sudo mkdir jsindex
sudo chown ghost jsindex
cd jsindex
python
ls
fg
more 2010/0800.html
cd 1989
ls
cd /vol/
ls
cd jsindex/1989
ls
ls -l | less
ls -l | tail
cd ../1990
ls -l | less
python
```

```

python /usr/bin/easy_install
sudo easy_install --install-dir /usr/lib/python2.6/ pyoai
PYTHONPATH=/usr/lib/python2.6 sudo easy_install --install-dir /usr/lib/python2.6/ pyoai
sudo easy_install --install-dir /usr/lib/python2.6/site-packages/ pyoai
sudo PYTHONPATH=/usr/lib/python2.6/site-packages easy_install --install-dir /usr/lib/python2.6/site-packages/ pyoai
cd /usr/local/lib/python2.6/
ls -a
cd dist-packages/
ls -a
rm *
sudo rm *
sudo rm -rf *
sudo easy_install pyoai
python
ls
python
cd
ls blocks/ | wc -l
fg
ps ax | grep keep
ps ax | grep ser
fg %1
fg 0
fg
kill 2137
kill 2138
ps ax | grep keep
python serveblocks.py 8092
fg
python serveblocks.py 8092
emacs serveblocks.py
python serveblocks.py 8092
emacs serveblocks.py
python serveblocks.py 8092
emacs serveblocks.py
python serveblocks.py 8092
emacs serveblocks.py
python serveblocks.py 8092
kill %1
fg
python serveblocks.py 8092
kill %1
fg
python serveblocks.py 8092
kill %1
fg
python serveblocks.py 8092
kill %1
fg
python serveblocks.py 8092
kill %1
fg
python serveblocks.py 8092
kill %1
fg
python serveblocks.py 8092
kill %1

```



```

fg
python serveblocks.py 8092
kill %1
fg
emacs serveblocks.py
python serveblocks.py 8092
cd /media/drive/
~/keepgrabbing.py
df -h
df -h | grep sdd; date
du -hsc /vol/*
dm /vol/urlistograb2.wget
rm /vol/urlistograb2.wget
du -hsc /vol/*
bwm-ng
du -hsc /vol/*
df -h
df -h | grep media
ls blocks | wc -l
ls
emacs oaigrab.py
python -i oaigrab.py
emacs oaigrab.py
python -i oaigrab.py
emacs oaigrab.py
mkdir muse
mv urlistograb* muse
python oaigrab.py | tee urlistograb.wget
wc -l urlistograb.wget
emacs oaigrab.py
python -i oaigrab.py | tee urlistograb.wget
emacs oaigrab.py
python -i oaigrab.py | tee urlistograb.wget
ls
emacs oaigrab.py
fg
emacs oaigrab.py
python -i oaigrab.py | tee urlistograb2.wget
fg
cd /vol
wget -x -nv -nc -i ~/urlistograb.wget
more analysis.oxfordjournals.org/content/35/3/97.full.pdf
wget -x -nv -nc -i ~/urlistograb.wget
mkdir sd
cd sd
wget -m -np "http://www.sciencedirect.com/science/page/sitemap/index.html"
wget --header="User-Agent: WL/6" -m -np "http://www.sciencedirect.com/science/page/sitemap/index.html"
wget --header="User-Agent: WL/6" -m -np "http://www.sciencedirect.com/science/page/sitemap/index.html"
wget -e robots=off --header="User-Agent: WL/6" -m -np
"http://www.sciencedirect.com/science/page/sitemap/index.html"
ls
cd www.sciencedirect.com/science/page/sitemap/publication/

```

```
ls
cd serial/
ls
cd journals/
ls
emacs ~/sis
chmod +x ~/sis
~/sis | less
~/sis . | less
more 17509467.html
ls 0242648X
ls 0242648X/24
ls 0242648X/24/3
more 0242648X/24/3/243.html
python
fg
mkdir /vol/sd/jo
fg
cd
fg
python
ls
cd umi
ls
python
fg
more keepgrabbing.py
cd /vol/
ls
mkdir pdfs
sudo mkdir pdfs
sudo chown ghost pdfs
cd pdfs/
~/keepgrabbing.py
cd ..
~/keepgrabbing.py
fg
~/keepgrabbing.py
dids
fg
python
pwd
ls
cd ~/umi
python
fg
python
ls 1000000.html
fg
more 128214.html
more 128213
less 128204.html
```

```

less /vol/umi/128204.html
llinks /vol/umi/128204.html
python
ls -lh
ls blocks | wc -l
python
ls *dbm
fg
ls
more deleteandgrab
split -a 5 -l 1000 deleteandgrab blocks/regrabc
ls blocks/|wc -l
cd blocks/
ls | less
ls | tail
cd ..
fg
ls /mnt
df
ls /media/drive
fg
llinks http://caliber.ucpress.net/dol/pdf/10.1525/as.2010.50.5.835
ls
rm p1-salmela.pdf
curl "http://portal.acm.org/ft_gateway.cfm?id=1187439&type=pdf&CFID=15902&CFTOKEN=55059171"
curl -i "http://portal.acm.org/ft_gateway.cfm?id=1187439&type=pdf&CFID=15902&CFTOKEN=55059171"
curl -l "http://portal.acm.org/ft_gateway.cfm?id=1187439&type=pdf"
curl -l "http://portal.acm.org/ft_gateway.cfm?id=1187439&type=pdf"|less
ls
more serveblocks.py
emacs serveblocks.py
more keepgrabbing.py
ls /vol
~/sls /vol umi > umi.sls
more umi.sls
~/sls /vol/umi > umi.sls
~/sls /vol/pdfs > pdfs3.sls
ls -lR /vol > js3.lslR
more js3.lslR
ls -lR /vol/ > js3.lslR
more js3.lslR
wc -l js3.lslR
echo -n me@aaronsw.com|md5sum
df
ps ax
df
mount /dev/sdc/vol
cd /vol
ls
cd /media/
ls
ls -l

```

```
rm drive
sudo rm drive
sudo mkdir drive
sudo mount /dev/sde drive
sudo mount /dev/sde1 drive
cd drive
ls
df
fd -h
df -h
mkdir pdfs
sudo mkdir pdfs
sudo chown ghost pdfs
ls
~/keepgrabbing.py
cd /media/drive/pdfs
more 3590725.pdf
less 3697690.pdf
less 30072010.pdf
less 60244678.pdf
less 3523970.pdf
less 3548593.pdf
less 3523645.pdf
less 3813153.pdf
less 3838338.pdf
less 3279339.pdf
less 1888323.pdf
less 688560.pdf
less "234,.pdf"
less 742572.pdf
less 30058803.pdf
less 2023815.pdf
more 2023815.pdf
cd
~/keepgrabbing.py
fg
ls
cd pdfs
ls
df -h
cd /vol/
~/keepgrabbing.py
cd ..
cd vol
~/keepgrabbing.py
```

(b)(6) (b)(7)(C)  
U.S. Secret Service  
Boston Field Office  
(b)(6) (b)(7)(C)

(b)(6),(b)(7)(C)

(CID)

---

**From:** (b)(6),(b)(7)(C) (BOS)  
**Sent:** Monday, July 18, 2011 3:50 PM  
**To:** (b)(6),(b)(7)(C) (CID); (b)(6),(b)(7)(C) (CID)  
**Subject:** FW: Aaron Swartz--Initial Appearance

I may need to leave the training for some time tomorrow morning

(b)(6),(b)(7)(C)

U.S. Secret Service  
Boston Field Office

(b)(6),(b)(7)(C)

**From:** Heymann, Stephen (USAMA) [mailto:(b)(6),(b)(7)(C)@usdoj.gov]  
**Sent:** Monday, July 18, 2011 3:22 PM  
**To:** (b)(6),(b)(7)(C) (BOS); (b)(6),(b)(7)(C)@cambridgepolice.org  
**Subject:** Aaron Swartz--Initial Appearance

Aaron Swartz is scheduled for his initial appearance before Judge Dein at 10:00 a.m. tomorrow (if he surrenders himself before then). I hope you both will be able to be there. Steve

(b)(6),(b)(7)(C) (CID)

**From:** (b)(6),(b)(7)(C) (BOS)  
**Sent:** Wednesday, March 16, 2011 1:29 PM  
**To:** (b)(6),(b)(7)(C) (CID)  
**Subject:** FW: CID/CERT: Feedback from MIT case

No 6E letter is necessary

(b)(6),(b)(7)(C)

Sent from Blackberry

**From:** Heymann, Stephen (USAMA) (b)(6),(b)(7)(C) [mailto:(b)(6),(b)(7)(C)@usdoj.gov]  
**To:** (b)(6),(b)(7)(C) (BOS)  
**Sent:** Wed Mar 16 13:25:45 2011  
**Subject:** RE: CID/CERT: Feedback from MIT case [Per EOUSA]

(b)(3) Rule 6E, (b)(5)

**From:** (b)(6),(b)(7)(C) (BOS) [mailto:(b)(6),(b)(7)(C)@uss.dhs.gov]  
**Sent:** Wednesday, March 16, 2011 1:13 PM  
**To:** Heymann, Stephen (USAMA)  
**Subject:** Fw: CID/CERT: Feedback from MIT case

Question from CERT

(b)(6),(b)(7)(C)

Sent from Blackberry

----- Original Message -----  
**From:** (b)(6),(b)(7)(C) (CID)  
**To:** (b)(6),(b)(7)(C) (BOS)  
**Sent:** Wed Mar 16 13:10:51 2011  
**Subject:** CID/CERT: Feedback from MIT case

(b)(6),(b)(7)(C)

The guys here have some a report for you. However, their supervisor needs to review it before it goes out.

Should we add him to the 6e?

His name (b)(6),(b)(7)(C) He is title (b)(6),(b)(7)(C) for the Digital Intelligence and Investigations Directorate. He has the same address as (b)(6),(b)(7)(C)

All he is doing is reviewing the report.

Thanks,

(b)(6),(b)(7)(C)

Special Agent



(b)(6),(b)(7)(C)

(CID)

**From:** (b)(6),(b)(7)(C) (BOS)  
**Sent:** Thursday, October 13, 2011 10:05 AM  
**To:** (b)(6),(b)(7)(C) (CID) (b)(6),(b)(7)(C)  
**Subject:** FW: Discovery List

Please see below:

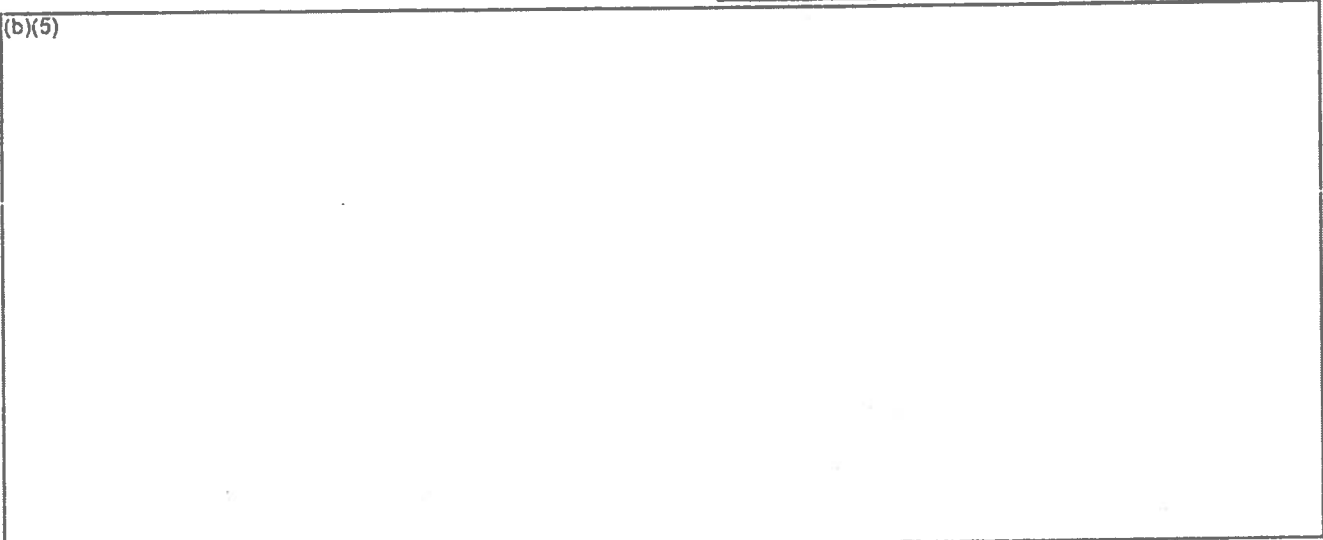
(b)(6),(b)(7)(C)  
U.S. Secret Service  
Boston Field Office  
(b)(6),(b)(7)

**From:** Heymann, Stephen (USAMA) [mailto:(b)(6),(b)(7)(C)@usdoj.gov]  
**Sent:** Thursday, October 13, 2011 8:55 AM  
**To:** (b)(6),(b)(7)(C) (BOS)  
**Cc:** (b)(6),(b)(7)(C)@cambridgepolice.org  
**Subject:** Discovery List

(b)(6),

per EOUSA

(b)(5)



5. Either you or (b)(6) will pick up the drives containing copies of MIT's material logs from (b)(6),(b)(7)(C)

Thanks, Steve

(b)(6),(b)(7)(C)

(CID)

**From:** (b)(6),(b)(7)(C) (BOS)  
**Sent:** Monday, November 07, 2011 6:50 PM  
**To:** (b)(6),(b)(7)(C) (CID)  
**Cc:** (b)(6),(b)(7)(C) cambridgepolice.org  
**Subject:** Fw: Important CERT Request

(b)(6),(b)(7)(C)

Sent from Blackberry

**From:** Heymann, Stephen (USAMA) [mailto:(b)(6),(b)(7)(C)@usdoj.gov]  
**Sent:** Monday, November 07, 2011 06:20 PM  
**To:** (b)(6),(b)(7)(C) (BOS)  
**Subject:** Important CERT Request

per EOUSA

(b)(5)

Thank you, Steve

(b)(6),(b)(7)(C)

(CID)

**From:** (b)(6),(b)(7)(C) (BOS)  
**Sent:** Friday, July 08, 2011 11:12 AM  
**To:** (b)(6),(b)(7)(C) (CID)  
**Subject:** FW: Please confirm with Cert

Please see below: We are preparing to take the Swartz case to indictment and Heymann wants to double check that everything is exactly accurate. Do you agree with the paragraphs below?

(b)(6),(b)(7)(C)

U.S. Secret Service  
Boston Field Office

(b)(6),(b)(7)(C)

**From:** Heymann, Stephen (USAMA) [mailto:(b)(6),(b)(7)(C)@usdoj.gov]  
**Sent:** Friday, July 08, 2011 10:50 AM  
**To:** (b)(6),(b)(7)(C) BOS  
**Subject:** Please confirm with Cert

Please confirm with Cert, today if at all possible, that our summary of the facts in these two paragraphs are an accurate summary of their preliminary findings. Thank you.

---

**From:** Heymann, Stephen (USAMA)  
**Sent:** Friday, July 08, 2011 10:19 AM  
**To:** (b)(6),(b)(7)(C) @uss.s.dhs.gov  
**Subject:** Please pull the forensic reports that reflect these facts

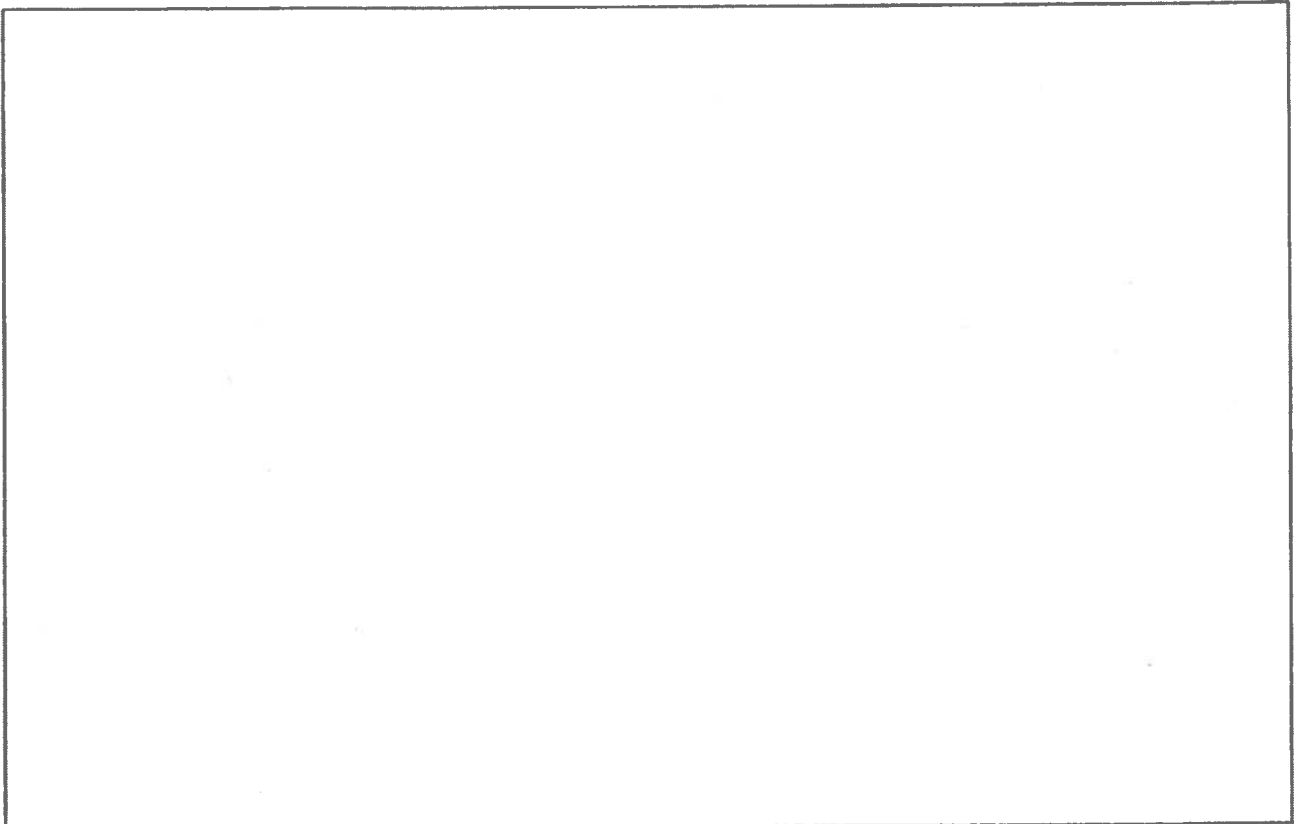
26. On February 24, 2011, the Court issued warrants to search the Acer laptop, Western Digital hard drive and the HP USB drive. As a result of these searches, I am aware that the MAC address assigned by the manufacturer to the ethernet interface card on the seized Acer laptop is 00:23:5a:73:5f:fb, the same as the "ghost laptop" which connected to the MIT network in September, 2010. On the Acer laptop was a software application entitled "keepgrabbing.py", which was designed to download .pdf files from [jstor.org](http://jstor.org)." In addition to those described in footnote \_\_\_\_, above, JSTOR's terms and conditions of use explicitly prohibit users from attempting to circumvent software protections employed in the JSTOR platform. The implementation of keepgrabbing.py was designed to avoid JSTOR's efforts to spot and prevent serial downloads of the size here. The application would download the .pdf files from JSTOR to a file directory named "pdfs". The USB Drive found in Swartz's backpack contained a file "keepgrabbing2.py", with a script very similar to that contained in the Acer laptop. The Western Digital hard drive, which was recovered with the Acer laptop, had Aaron Swartz's fingerprint on it. The drive contained a folder named "pdfs" which contained an estimated over 97,000 .pdf files. A spot check of approximately a dozen of those files reflected that each was a JSTOR digitized journal article.

27. A logging file on the Acer laptop, known as the .bash\_history file, showed an attempt to submit a computer or user name "Grace Host" and e-mail address [ghost42@mallinator.com](mailto:ghost42@mallinator.com) to the registration form at 10.72.0.47:444/bin/dynreg. This network address was associated with guest registration on the MIT network before the laptop's seizure in January, 2011. The .bash\_history file also reflects that on an unknown date the contents of the "pdfs/" directory was copied to a folder named "/vol/pdfes" on another computer accessed through the DynDNS registered record" DynDNS is a method of tying a specific hostname (such as "ghost macbook") to a computer that could have a dynamic or changing IP address (such as a home computer on Comcast's cable network). for "ghost macbook.

(b)(6),(b)(7)(C),Per USSS (CID)

**From:** (b)(6),(b)(7)(C),Per U (BOS)  
**Sent:** Tuesday, May 10, 2011 2:55 PM  
**To:** (b)(6) (b)(7)  
**Cc:** (C),Per USSS (CID)  
**Subject:** FW: Potential Additional Paragraphs for the Seizure Warrant Affidavit  
**Attachments:** USSS93\_CERT-Analysis.zip

I was wondering if you might be able to help me with the questions below specifically:



(b)(6),(b)(7)(C),Per  
U.S. Secret Service  
Boston Field Office  
(b)(6),(b)(7)  
(C),Per USSS

**From:** Heymann, Stephen (USAMA) [mailto:(b)(6),(b)(7)(C),Per @usdoj.gov]  
**Sent:** Tuesday, May 10, 2011 8:14 AM  
**To:** (b)(6),(b)(7)(C),Per (BOS)  
**Cc:** (b)(6),(b)(7)(C),Per amb@idgcpolice.org  
**Subject:** Potential Additional Paragraphs for the Seizure Warrant Affidavit

Per EOUSA

(b)(5)

(b)(5)

Thank you, Steve

Per EOUSA

(b)(6),(b)(7)(C)

(CID)

**From:** (b)(6),(b)(7)(C) (BOS)  
**Sent:** Monday, November 07, 2011 5:02 PM  
**To:** (b)(6),(b)(7)(C) (CID)  
**Cc:** (b)(6),(b)(7)(C) @cambridgepolice.org  
**Subject:** Heads Up

(b)(5)

(b)(6),(b)(7)(C)

Sent from Blackberry

**From:** Heymann, Stephen (USAMA) [mailto:(b)(6),(b)(7)(C)@usdoj.gov]  
**Sent:** Monday, November 07, 2011 04:26 PM  
**To:** (b)(6),(b)(7)(C) (BOS)  
**Cc:** (b)(6),(b)(7)(C)@cambridgepolice.org; (b)(6),(b)(7)(C) (USAMA) (b)(6),(b)(7)(C)@usdoj.gov  
**Subject:** RE: Swartz Evidence

We need to produce a mirror image of:

- (1) The Acer
- (2) The iMac seized at Harvard
- (3) The drive seized at Harvard
- (4) The USB drive seized from the backpack
- (5) The logs sent over from MIT
- (6) The USB drive seized from the apartment

We do not need to have a computer loaded with forensic software at this juncture. We are going to object to producing, at this time, the drive that was seized from his wallet if, as I remember, it was encrypted. Am I missing any electronic storage device? Swartz has sent over a 750gb drive. Let me know if you need a second on which to store the images and, if so, how large.

Since they cannot be usefully mirrored, as I understand it, we need to make the seized cell phones available to the extent they were not encrypted in a form that will not permit their alteration. Let's discuss the options for doing this. We have tentatively scheduled the production of these, along with the other things seized from the apartment, for November 21/22.

**From:** (b)(6),(b)(7)(C) (BOS) [mailto:(b)(6),(b)(7)(C)@usss.dhs.gov]  
**Sent:** Monday, November 07, 2011 3:23 PM  
**To:** (b)(6),(b)(7)(C)@cambridgepolice.org  
**Cc:** Heymann, Stephen (USAMA)  
**Subject:** Re: Swartz Evidence

(b)(6),(b)(7)(C)

(CID)

**From:** (b)(6),(b)(7)(C) (BOS)  
**Sent:** Wednesday, March 02, 2011 5:09 PM  
**To:** (b)(6),(b)(7)(C) (USAMA)  
**Cc:** (b)(6),(b)(7)(C) (CID), (b)(6),(b)(7)(C)  
**Subject:** keepgrabbing

FYI

Below was a script that was found at [root]\home\ghost\keepgrabbing.py

```
#!/usr/bin/python
import subprocess, urllib, random
class NoBlocks(Exception): pass
def getblocks():
    r = urllib.urlopen('http://(b)(6),(b)(7)(C)grab').read()
    if '<html' in r.lower(): raise NoBlocks
    return r.split()

import sys
if len(sys.argv) > 1:
    prefix = ['--socks5', sys.argv[1]]
else:
    prefix = ['#-interface', 'eth0:1']
line = lambda x: ['curl'] + prefix + ['-H', "Cookie: TENACIOUS=" + str(random.random())[3:], '-o', 'pdfs/' +
str(x) + '.pdf', "http://www.istor.org/stable/pdfplus/" + str(x) + ".pdf?acceptTC=true"]

while 1:
    blocks = getblocks()
    for block in blocks:
        print block
        subprocess.Popen(line(block)).wait()
```

(b)(6),(b)(7)(C)

U.S. Secret Service  
Boston Field Office

(b)(6),(b)(7)(C)

(b)(6),(b)(7)(C) CID)

**From:** Heymann, Stephen (USAMA) (b)(6),(b)(7)(C) usdoj.gov  
**Sent:** Saturday, February 26, 2011 7:24 AM  
**To:** (b)(6),(b)(7)(C) (BOS) (b)(6),(b)(7)(C) CID)  
**Subject:** Motion for Grand Jury Disclosure  
**Attachments:** JSTOR Memorandum in Support of 6e Disclosure.pdf

<<JSTOR Memorandum in Support of 6e Disclosure.pdf>>

(b)(6),(b)(7)(C)

per EOUSA

(b)(3).Rule 6E.(b)(5).(b)(6).(b)(7)(C)

Thanks, Steve



(b)(6),(b)(7)(C) (CID)

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From: (b)(6),(b)(7)(C)@cert.org  
Sent: Wednesday, February 16, 2011 10:56 PM  
To: (b)(6),(b)(7)(C) (BOS)  
Cc: (b)(6),(b)(7)(C) (CID); (b)(6),(b)(7)(C)  
Subject: Network traffic to and from laptop - MIT

Hi (b)(6),

Just wanted to let you know that (b)(6),(b)(7)(C) and I have analyzed the collection of PCAP logs you sent us from the MIT case. There were a number of questions from Steve Heymann that we wanted to get back to you on.

For the period in which the network traffic was collected in the PCAPs, you can clearly see a system that uses the MAC address 00:4C:E5:A0:C7:56 (and uses several IPs over the course of the capture) actively downloading from the JSTOR system via HTTP.

We believe that it is the same machine used these IPs, not just because they mapped back to the same MAC address, but also because an OpenSSH server was listening on port 22 on the IPs with the same host-identifier key. The connection banner from this OpenSSH server states that it is running on an Ubuntu Linux system.

Considering the volume of data downloaded, we don't see any equivalent volume (or even remotely equivalent volume) transferred from the target system to another system. Unless such a transfer occurred outside the period of the network capture, it would be reasonable to assume that the downloaded data was being stored locally on the system, rather than forwarded to other computers.

There are some remote connections via SSH to the target system that appear sustained enough to represent a meaningful interaction (rather than password-guessing attempts and the like). These connections are all from the IP address (b)(6),(b)(7)(C) on the MIT network, which you identify as a "dial-in" server on campus. Are connection logs to this machine available?

Other than the SSH sessions noted, the PCAPs contain no other traffic to the target system that conforms to conventional remote administration services. In addition, we found no indication of unconventional control channels.

The remaining questions raised, such as the nature of the program driving the downloading, will probably be answered by an examination of the Acer laptop.

Please let us know if we can provide more information, including specifics about any of the activity I have described.

Best regards,  
(b)(6),(b)(7)

(b)(6),(b)(7)(C) (CID)

---

**From:** Heymann, Stephen (USAMA (b)(6),(b)(7)(C) @usdoj.gov)  
**Sent:** Friday, February 25, 2011 10:10 AM  
**To:** (b)(6),(b)(7)(C) (CID)  
**Subject:** RE: Aaron Swartz Case

Thank you. (b)(6),(b)(7)(C)

**From:** (b)(6),(b)(7)(C) (CID) [mailto:(b)(6),(b)(7)(C)@ussc.dhs.gov]  
**Sent:** Friday, February 25, 2011 10:03 AM  
**To:** Heymann, Stephen (USAMA)  
**Subject:** Re: Aaron Swartz Case

(b)(6),(b)(7)(C)

I'm walking to our lab now. I will get the requested information to you as quickly as I can.

(b)(6),(b)(7)(C)

(b)(6),(b)(7)(C)  
Special Agent  
U.S. Secret Service  
(b)(6),(b)(7)(C) (Desk)  
(b)(6),(b)(7)(C) (Mobile)  
412-268-5228 (Fax)

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**From:** Heymann, Stephen (USAMA (b)(6),(b)(7)(C) @usdoj.gov>  
**To:** (b)(6),(b)(7)(C) (CID)  
**Sent:** Fri Feb 25 10:01:05 2011  
**Subject:** Aaron Swartz Case

(b)(6),(b)(7)(C)

Can you please send me one paragraph describing (b)(6),(b)(7)(C)'s areas of expertise and who he is employed by? Like (b)(6),(b)(7)(C) is he employed by CERT which then has a contract with secret Service or like you is he an agent. Also, has he previously handled grand jury material in other criminal investigations in other districts?

Thanks, Steve

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(b)(6),(b)(7)(C) (CID)

**From:** Heymann, Stephen (USAMA) (b)(6),(b)(7)(C) @usdoj.gov  
**Sent:** Monday, July 11, 2011 1:14 PM  
**To:** (b)(6),(b)(7)(C) (CID)  
**Cc:** (b)(6),(b)(7)(C) (BOS); (b)(6),(b)(7) (USAMA)  
**Subject:** RE: Aaron Swartz

You're awesome. 3:30 would be great. Steve

**From:** (b)(6),(b)(7)(C) (CID) [mailto:(b)(6),(b)(7)(C)@uss.s.dhs.gov]  
**Sent:** Monday, July 11, 2011 1:11 PM  
**To:** Heymann, Stephen (USAMA)  
**Cc:** (b)(6),(b)(7)(C) (BOS); (b)(6),(b)(7)(C) (USAMA)  
**Subject:** Re: Aaron Swartz

All:

Will 3:30 PM today work for everyone's schedules? We will reserve the CERT teleconference line and distribute the call-in number if the time is amenable.

(b)(6),(b)(7)(C)  
Special Agent  
U.S. Secret Service  
(b)(6),(b)(7)(C) (Desk)  
(b)(6),(b)(7)(C) (Mobile)  
412-268-5228 (Fax)

**From:** Heymann, Stephen (USAMA) (b)(6),(b)(7)(C) @usdoj.gov>  
**To:** (b)(6),(b)(7)(C) (CID)  
**Cc:** (b)(6),(b)(7)(C) (BOS); (b)(6),(b)(7)(C) (USAMA) (b)(6),(b)(7)(C) @usdoj.gov>  
**Sent:** Mon Jul 11 12:57:51 2011  
**Subject:** Aaron Swartz

EOUSA

(b)(6),  
(b)(7)(C)

(b)(5)

Many thanks, Steve

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(b)(6),(b)(7)(C),Per USSS (CID)

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**From:** (b)(6),(b)(7)(C),Per US [redacted]@cert.org  
**Sent:** Wednesday, March 09, 2011 9:56 AM  
**To:** (b)(6),(b)(7)(C),Per U [redacted] BOS  
**Cc:** (b)(6),(b)(7)(C),Pe [redacted] CID; (b)(6),(b)(7)(C),Pe [redacted]  
**Subject:** RE: bash history of Acer involved with MIT hack and downloading from JSTOR

(b)(6),(b)

Do you have some time today that we can go over the questions you have on the bash history listed below and keepgrabbing python script?

(b)(6),(b)

**From:** (b)(6),(b)(7)(C),Per USSS [redacted]@uss.s.dhs.gov>  
**Date:** Tue, 8 Mar 2011 17:24:05 -0500  
**To:** (b)(6),(b)(7)(C),Per US [redacted]@cert.org>  
**Subject:** Fw: bash history of Acer involved with MIT hack and downloading from JSTOR

(b)(6),(b)(7)  
Special Agent  
U. S. Secret Service  
(b)(6),(b)(7) (Desk)  
(C),Per USSS (Mobile)  
412-268-5226 (Fax)

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**From:** (b)(6),(b)(7)(C),Per [redacted] BOS  
**To:** (b)(6),(b)(7)(C), [redacted] CID; (b)(6),(b)(7)(C),Per [redacted]@cert.org; (b)(6),(b)(7)(C),Per [redacted]@cert.org>  
**Sent:** Tue Mar 08 17:21:53 2011  
**Subject:** Fw: bash history of Acer involved with MIT hack and downloading from JSTOR

would anyone have time available to help me decipher the bash history for proof of Mac spoofing and interpret what the script keepgrabbing.py does?

(b)(6),(b)(7)(C),Per [redacted]

Sent from Blackberry

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**From:** (b)(6),(b)(7)(C),Per [redacted] BOS  
**To:** 'Hcyman, Stephen (USAMA)' (b)(6),(b)(7)(C),Per [redacted]@usdoj.gov>  
**Cc:** (b)(6),(b)(7)(C), [redacted] CID  
**Sent:** Wed Mar 02 17:31:13 2011  
**Subject:** bash history of Acer Involved with MIT hack and downloading from JSTOR

FYI

The bash history of the Acer that was connected to the MIT network has references to the python script keepgrabbing and JSTOR:

```
cat .bash_history
rm .bash_history
screen -x
uptime
```

```
df -h
ls /mnt/pdfs/|wc -l
ls -f /mnt/pdfs/|wc -l
screen -x
cat .bash_history
ls
cat .ssh/known_hosts
whois ygl.as
uptime
curl www.jstor.org
links www.jstor.org/stable/838383
ls
mv 838383.pdf /mnt/pdfs/
screen -r
screen -x
curl jstor.org
curl -l www.jstor.org
curl -i www.jstor.org
sudo ifconfig wlan0 down
sudo dhclient -re
sudo dhclient -r
sudo ifconfig eth0 up
sudo dhclient
curl -i www.jstor.org
curl scripting.com
/sbin/ifconfig -a
curl scripting.com
ping 4.2.2.2
cat /etc/resolv.conf
sudo dhclient -r
sudo dhclient
ping 4.2.2.2
cat /etc/resolv.conf
curl scripting.com
curl www.google.com
curl -i www.jstor.org
/sbin/ifconfig -a
ping ghost-laptop.dyndns-free.com
ps ax | grep ip
/etc/init.d/ez-ipupdate
/etc/init.d/ez-ipupdate reload
sudo /etc/init.d/ez-ipupdate reload
ping ghost-laptop.dyndns-free.com
dig ghost-laptop.dyndns-free.com
dig @ns1.dyndns.org ghost-laptop.dyndns-free.com
sudo /etc/init.d/ez-ipupdate restart
dig @ns1.dyndns.org ghost-laptop.dyndns-free.com
ez-ipupdate --help
ez-ipupdate --help|less
sudo ez-ipupdate
sudo ez-ipupdate -i eth0
more /etc/ez-ipupdate/default.conf
```

```
ez-ipupdate --help|less
sudo ez-ipupdate -c /etc/ez-ipupdate/default.conf
sudo ez-ipupdate -vvv -c /etc/ez-ipupdate/default.conf
ez-ipupdate --help|less
sudo ez-ipupdate -vvv -c /etc/ez-ipupdate/default.conf -l eth0
sudo ez-ipupdate -c /etc/ez-ipupdate/default.conf -l eth0
dig @ns1.dyndns.org ghost-laptop.dyndns-free.com
ls /mnt/|wc -l
cd /mnt
ls
ps ax | grep touch
ps ax | grep seq
touch 1
ls
touch 2
seq 1 20
seq 1 20 | xargs touch
ls | wc -l
seq 1 2000000 | xargs touch
ls | wc -l
ls | less
ls | wc -l
ps ax | grep bash
w
who am i
kill 3658
kill -9 3658
mkdir pdfs
cd pdfs
~/keepgrabbing.py
emacs /home/ghost/keepgrabbing.py
zile /home/ghost/keepgrabbing.py
~/keepgrabbing.py
touch foo
rm foo
cd ..
~/keepgrabbing.py
cd /mnt
ls
rm *
ls
cd pdfs
ls
cd
ls
python serveblocks.py
python serveblocks.py 8092
bg
fg
ps ax | grep serve
kill 2461
ps ax | grep serve
```

```
python serveblocks.py 8092
bg
ls /mnt
ls /mnt/pdfs
ls -l /mnt/pdfs/
cd
gnome-screensaver-command --activate
ls
ps ax | grep curl
kill 19047
curl www.jstor.org
dhclient --help
sudo dhclient
bwm-ng
ls blocks/ | wc -l
df -h
links www.jstor.org/stable/873098
bwm-ng
gnome-screensaver-command --activate
ls blocks/ | wc -l
bwm-ng
ls blocks/ | wc -l
uptime
bwm-ng
df -h
ls blocks | wc -l
bwm ng
sudo umount /mnt
df
screen -x
~/keepgrabbing.py
cd /mnt/
~/keepgrabbing.py
fg
cd /mnt/
~/keepgrabbing.py
cd /mnt/
~/keepgrabbing.py
0
cd /mnt/
~/keepgrabbing.py
bg; ~/keepgrabbing.py
cd /mnt/
~/keepgrabbing.py
bg
bg; ~/keepgrabbing.py
cd /mnt/
~/keepgrabbing.py
bg
~/keepgrabbing.py
bg
~/keepgrabbing.py
```





```
~/keepgrabbing.py
cd /mnt/
~/keepgrabbing.py
cd /mnt/
~/keepgrabbing.py
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cd /mnt/
~/k
~/keepgrabbing.py
cd /mnt
~/keepgrabbing.py
cd /mnt
~/keepgrabbing.py
cd /mnt/
~/keepgrabbing.py
~/keepgrabbing.py
cd /mt
cd /mnt/
cd /mt
~/keepgrabbing.py
~/keepgrabbing.py
cd /mnt/
~/keepgrabbing.py
~/keepgrabbing.py
cd /mnt/
~/keepgrabbing.py
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~/keepgrabbing.py
~/keepgrabbing.py
cd /mnt/
~/keepgrabbing.py
~/keepgrabbing.py
cd /mnt/
```

```
~/keepgrabbing.py
~/keepgrabbing.py
cd /mnt/
~/keepgrabbing.py
cd /mnt
~/keepgrabbing.py
screen -r
screen -x
uptime
df -h
screen -r
screen -x
e
uptime
bwm-ng
df -h
screen -x
ps ax | grep curl
ps ax | grep keepgr | awk '{print $1}' | xargs kill
ps ax | grep curl
ps ax | grep gr
ps ax | grep curl
df -h
/sbin/ifconfig -a
sudo ifconfig eth0:1 static 18.55.7.49
curl --interface eth0:1 www.jstor.org
curl --interface eth0:1 www.google.org
rsync -avz pdfs/ ghost-macbook.dyndns-free.com:/vol/pdfs
screen -r
screen -x
python
sudo easy_install pyoai
sudo apt-get install python-ixml
sudo easy_install pyoai
python
sudo easy_install --remove pyoai
easy_install --help
easy_install --help|less
sudo easy_install --remove pyoai
python
sudo easy_install pyoai
cd /usr/local/lib/python2.6/
ls
ls site-packages/
cd
ls
locate easy-install.pth
locate easy_install.pth
sudo easy_install pyoai
locate easy-install.pth
cd /usr/lib/python
ls
```

```
ls -a
cd ../python2.6
ls
easy_install --help
easy_install --help | less
python serveblocks.py
python serveblocks.py 8092
bg
sudo dhclient -r
sudo dhclient
sudo dhclient -r
sudo dhclient
sudo dhclient -r
sudo dhclient
ping 4.2.2.2
sudo dhclient -r
sudo dhclient
sudo dhclient -r
sudo dhclient
sudo dhclient -r
sleep 60
sudo dhclient -r
sudo dhclient
cd /vol/
ls -l
ls -lh pdfs
easy_install pyoai
sudo apt-get install python-setuptools
sudo apt-get update
sudo apt-get install python-setuptools
sudo apt-get upgrade
ez-ipupdate
sudo /etc/init.d/ez-ipupdate restart
ping ghost-laptop.dyndns-free.com
/sbin/ifconfig eth0
ping 18.55.7.237
ping ghost-laptop.dyndns-free.com
sudo /etc/init.d/ez-ipupdate restart
ping 18.55.7.237
ping ghost-laptop.dyndns-free.com
sudo /etc/init.d/ez-ipupdate help
sudo /etc/init.d/ez-ipupdate force-reload
ping ghost-laptop.dyndns-free.com
more /etc/init.d/ez-ipupdate
more /etc/ez-ipupdate/default.conf
sudo less /etc/ez-ipupdate/default.conf
ps ax | grep ez-ip
ping ghost-laptop.dyndns-free.com
cd /vol/pdfs/
ls
ls | less
python oaigrab.py
```

```

python -i oaigrab.py
cd /vol/
ls
cd muse.jhu.edu/
ls
cd content/oa/journals/
ls
cd social_text/
ls
cd v017/
ls
more 17.3
more 17.3dutton.html
man wget
du -hsc /vol/*
du -hsc /vol/*
bwm-ng
ls -lh urlstograb.wget
grep pdf urlstograb.wget
screen -x
man wget
cd /vol/
ls
wget -x -nc ~/urlstograb.wget
wget -x -nc -i ~/urlstograb.wget
sudo chown ghost .
wget -x -nc -i ~/urlstograb.wget
wget -q -x -nc -i ~/urlstograb.wget
wget -nv -x -nc -i ~/urlstograb.wget
screen -x
emacs oaigrab.py
sudo apt-get install emacs23-nox
emacs oaigrab.py
python oaigrab.py | tee urlstograb.wget
wc -l urlstograb.wget
grep html urlstograb.wget | sed -e 's/html/pdf/' > urlstograb2.wget
grep pdf urlstograb.wget | sed -e 's/pdf/html/' > urlstograb2.wget
more urlstograb
more urlstograb2.wget
cd /vol/
wget -nv -x -nc -i ~/urlstograb2.wget
grep html urlstograb.wget | sed -e 's/html/pdf/' >> urlstograb2.wget
cd
grep html urlstograb.wget | sed -e 's/html/pdf/' >> urlstograb2.wget
cd /vol
wget -nv -x -nc -i ~/urlstograb2.wget
curl muse.jhu.edu/f
links muse.jhu.edu
screen -x
cd /media/noname/
ls
cp tograb.log /home/ghost/

```

```

ccd
cd
cd blocks/
ls | wc -l
cd ..
ls
mv tograb.log blocks/
cd blocks/
more tograb.log
split -n 100 tograb.log
split --help
split --help|less
split -l 100 tograb.log tograb.
ls
rm tograb.*
cp /media/noname/tograb.log tograb-
split --help|less
split -a 5 -l 100 tograb.log tograb-
ls tograb *
wc -l
ls | wc -l
mv tograb.log ..
sudo dhclient --release
sudo dhclient -r
sudo dhclient
sudo dhclient -r
sudo dhclient
sudo /etc/init.d/ex-ipupdate restart
ping ghost-laptop.dyndns-free.com
/sbin/ifconfig -a | less
ping ghost-laptop.dyndns-free.com
screen -x
sudo ifconfig eth0 up
curl --interface eth0 https://nic.mit.edu:444/bin/dynareg?class=visitor
/sbin/ifconfig -a
sudo dhclient
curl --interface eth0 https://nic.mit.edu:444/bin/dynareg?class=visitor
cat logininfo
curl --interface eth0 https://10.72.0.47:444/bin/dynareg?class=visitor
curl --interface eth0 10.72.0.47
ping --hel
ping -l eth0 10.72.0.47
/sbin/ifconfig -a
ping -l eth0 4.2.2.2
man ping
ping -l 10.2.55.120 4.2.2.2
sudo ping -l 10.2.55.120 4.2.2.2
/sbin/ifconfig -a | less
sudo ping -l 10.2.55.120 4.2.2.2
sudo ping -l wlan0 4.2.2.2
sudo ping -l eth0 4.2.2.2
ping -l eth0 4.2.2.2

```



```

sudo ping -I eth0 4.
sudo ping -I eth0 10.72.0.47
sudo curl --interface eth0 10.72.0.47
man curl
sudo curl --interface 10.2.55.120 10.72.0.47
route
/sbin/ifconfig -a
route add default gw 18.2.55.1
sudo route add default gw 18.2.55.1
sudo ping -I eth0 10.72.0.47
echo "sudo route add default gw 18.2.55.1" >> logininfo
sudo curl --interface 10.2.55.120 10.72.0.47
curl --interface eth0 10.72.0.47
curl --interface eth0 https://10.72.0.47:444/bin/dynareg?class=visitor
curl -k --interface eth0 https://10.72.0.47:444/bin/dynareg?class=visitor
curl -d "class=visitor" -k --interface eth0 https://10.72.0.47:444/bin/dynareg
curl -d "class=visitor&action=Register" -k --interface eth0 https://10.72.0.47:444/bin/dynareg
curl -d "vname=Grace+Host&vemail=ghost42@mailinator.com&action=Register&class=visitor" -k --interface eth0
https://10.72.0.47:444/bin/dynareg
echo 'curl -d "vname=Grace+Host&vemail=ghost42@mailinator.com&action=Register&class=visitor" -k --interface eth0
https://10.72.0.47:444/bin/dynareg' >> logininfo
curl --interface eth0 10.72.0.47
sudo dhclient eth0
sleep 600; sudo dhclient eth0
route
curl --interface wlan0 www.yahoo.com
curl --interface wlan0 4.2.2.2
sleep 600; sudo dhclient eth0
sudo dhclient eth0
sudo ping -I eth0 10.72.0.47
sudo ping -I wlan0 4.2.2.2
sudo ping -I eth0 4.2.2.2
man route
dnstip
dig www.yahoo.com
dig www.yahoo.com | grep "IN"
dig www.yahoo.com | grep "IN" | grep 10.72
echo 'dig www.yahoo.com | grep "IN" | grep 10.72' > logininfo
/sbin/ifconfig -a
/sbin/ifconfig -a | grep en
sudo ifconfig eth0 hw 00:4c:e5:a0:c7:56
sudo ifconfig eth0 hw ether 00:4c:e5:a0:c7:56
sudo ifdown eth0
sudo ifconfig eth0 hw ether 00:4c:e5:a0:c7:56
sudo ifconfig eth0 down
sudo ifconfig eth0 hw ether 00:4c:e5:a0:c7:56
sudo ifconfig eth0 up
emacs logininfo
ping www.yahoo.com
dig yahoo.com
sudo dhclient
dig www.yahoo.com

```

```
emacs logininfo
emacs /etc/ez-ipupdate/default.conf
/sbin/ifconfig -a
sudo emacs /etc/ez-ipupdate/default.conf
/etc/init.d/ez-ipupdate restart
sudo /etc/init.d/ez-ipupdate restart
dig
dig x.dyndns-free.com
dig ns x.dyndns-free.com
cat /etc/resolv.c
cat /etc/resolv.conf
dig www.yahoo.com
dig www.yahoo.com
links --help
links --help | grep interf
links --help | grep Interf
lynx
curl --interface eth0 www.yahoo.com
dig @10.2.55.7 www.yahoo.com
dig @10.2.55.2 www.yahoo.com
sudo dhclient
cat /etc/resolv.conf
sudo dhclient
cat /etc/resolv.conf
ping 10.72.0.47
dig @10.72.0.47 www.google.com
gnome-screensaver-
df
ping www.yahoo.com
echo 10.72.0.47>> logininfo
dig --help
host --help
dig ns x.dyndns-free.com
dig @ns1.dyndns.org ghost-laptop.dyndns-free.org
dig @ns1.dyndns.org ghost-laptop.dyndns-free.com
/sbin/ifconfig -a
ssh ghost-laptop.dyndns-free.org
ssh ghost-laptop.dyndns-free.com
ssh --help | grep interf
man ssh
sudo ifconfig eth0 down
ssh ghost-laptop.dyndns-free.com
sudo curl --interface eth0 10.72.0.47
route
ssh ghost-laptop.dyndns-free.com
ping www.yahoo.com
/sbin/ifconfig -a
ssh 10.189.76.179
sudo dhclient eth0
sudo dhclient eth0
route
man route
```

```

route
sudo dhclient eth0
sudo route del default
sudo route -net 10.0.0.0 gw 10.189.64.1
sudo route add -net 10.0.0.0 gw 10.189.64.1
sudo route add 10.0.0.0 gw 10.189.64.1
route
ping 10.189.76.179
ping 10.72.0.47
sudo dhclient eth0
/sbin/ifconfig -a
ping google.com
route
ping 4.2.2.2
sudo dhclient eth0
cat logininfo
curl -d "vname=Grace+Host&vemail=ghost42@mailinator.com&vsponsor=&vinterval=14"
curl -d "vname=Grace+Host&vemail=ghost42@mailinator.com&vsponsor=&vinterval=14" -k --interface eth0
https://10.72.0.47:444/bin/dynareg
echo 'curl -d "vname=Grace+Host&vemail=ghost42@mailinator.com&vsponsor=&vinterval=14" -k --interface eth0
https://10.72.0.47:444/bin/dynareg' >> logininfo
curl www.yahoo.com
echo 'curl -d "vname=Grace+Host&vemail=ghost42@mailinator.com&vsponsor=&vinterval=14" -k --interface eth0
https://10.72.0.47:444/bin/dynareg' >> logininfo
curl -d "vname=Grace+Host&vemail=ghost42@mailinator.com&vsponsor=&vinterval=14" -k --interface eth0
https://10.72.0.47:444/bin/dynareg
curl -d "vname=Grace+Host&vemail=ghost42@mailinator.com&vsponsor=&vinterval=5" -k --interface eth0
https://10.72.0.47:444/bin/dynareg
sudo dhclient eth0
sudo dhclient -r
sudo dhclient -r eth0
sudo dhclient eth0
/sbin/ifconfig -a > ifconfiglog
/sbin/ifconfig -a
sudo ifconfig wlan0 down
sudo ifconfig wlan0 hw ether 90:4c:e5:a0:c7:55
sudo ifconfig wlan0 up
/sbin/ifconfig -a
/etc/init.d/ez-ipupdate restart
sudo /etc/init.d/ez-ipupdate restart
dig ghost-laptop.dyndns-free.com
ping 4.2.2.2
sudo dhclient
ping 4.2.2.2
ping www.yahoo.com
route
curl www.yahoo.com
ssh ghost-laptop.dyndns-free.com
/sbin/ifconfig -a
ssh 18.111.48.33
curl www.yahoo.com
sudo dhclient eth0

```



```

cd /media/bce820ea-a03b-4556-bfa6-eff2d9eb665e/
ls
ls | grep a.jp
ls | grep -v oxford
cd /vol

ls
cd www.genome.org/content/1/3/
ls
cd /media/bce820ea-a03b-4556-bfa6-eff2d9eb665e/
more pdfs/2520824.pdf
more pdfs/25208234.pdf
ls -l pdfs/25208234.pdf
ls -Ul pdfs | head
python
ps ax | grep pyth
ps ax | grep ls
sudo kill 8185
sudo kill -9 8185
fg
cd bl
cd blocks/
ls
cd done/
ls | less
ls | head
more allpd00000009
more allpd000000009
more allpd000000009
ls -l /media/bce820ea-a03b-4556-bfa6-eff2d9eb665e/pdfs/20273145.pdf
ls | tail
more tngtab aaggu
more /media/bce820ea-a03b-4556-bfa6-eff2d9eb665e/pdfs/359815.pdf
ls -l /media/bce820ea-a03b-4556-bfa6-eff2d9eb665e/pdfs/359815.pdf
ls | less
ls | grep -v pd | less
ls | grep blk | tail
more blk0000003629
more /media/bce820ea-a03b-4556-bfa6-eff2d9eb665e/399479
more /media/bce820ea-a03b-4556-bfa6-eff2d9eb665e/399479.pdf
more /media/bce820ea-a03b-4556-bfa6-eff2d9eb665e/3999479.pdf
more /media/bce820ea-a03b-4556-bfa6-eff2d9eb665e/pdfs/3999479.pdf
more /media/bce820ea-a03b-4556-bfa6-eff2d9eb665e/pdfs/3999478.pdf
cd
python
ln -s /media/bce820ea-a03b-4556-bfa6-eff2d9eb665e/ /media/drive
sudo ln -s /media/bce820ea-a03b-4556-bfa6-eff2d9eb665e/ /media/drive
fg
ls /media/drive/pdfs*
c
w
/sbin/ifconfig -a

```



```
ssh 10.189.61.53
/sbin/ifconfig -a
sudo /etc/init.d/ez-ipupdate restart
ssh 18.111.48.33
ls
more failedandneedtograb
cat failedandneedtograb | sed -e 's/.pdf//' | sort -u | head
cat failedandneedtograb | sed -e 's/.pdf//' | sort -u > failed-partial-clean
head failed-partial-clean > blocks/testfailed
/sbin/ifconfig -a
curl --interface wlan0 www.yahoo.com
route
ping 18.111.31.1
wc -l failedandneedtograb
sudo apt-get install autossh
sudo apt-get update
man ssh
ps ax | grep dhclient
kill 7937
sudo kill 7937
sudo kill 8001
sudo kill 8281
ps ax | grep dhclient
ps ax | grep netwo
ps ax | grep Netw
sudo kill 730
ps ax | grep Netw
ps axf
/etc/init.d/network-manager stop
sudo /etc/init.d/network-manager stop
ps ax
ps ax | grep dhcl
sudo kill 8839
ps ax
/sbin/ifconfig -a
sudo emacs /etc/ez-ipupdate/default.conf
sudo /etc/init.d/ez-ipupdate restart
dig ghost-laptop.dyndns-free.com
ls
screen -x
w
who am i
wc -l failed-clean
screen -x
l
ls
cat failedandneedtograb | sed -e 's/.pdf//' | sort -u > failed-partial-clean
wc -l failedandneedtograb
cat failedandneedtograb | sed -e 's/.pdf//' | sort -u > failed-clean
rm failed-partial-clean
more failed-clean
cd blocks/done
```

```

ls | less
less blk0000000020
wc -l blk0000000020
cd ..
split --help
split -a 5 -l 1000 failed-clean blocks/blkfall
df -h
screen -x
screen -x
who am i
cd umi
python
cd umi
grep 797854 *
grep 801899 *
ls
more 900.html
grep 1978790241 *
screen -r
screen -x
links
ls
screen -x
ls blocks
ls
rm failedandneedto grab
rm failed-clean
python
ls
mv pdf2size.dbm pdf2size-js3.dbm
fg
more stillto grabx
split --help
split -a 5 -l 100 stillto grabx blocks/stillblk
ls blocks
fg
cd /media/drive/pdfs
more 3590725.pdf
less 3697690.pdf
cd /media/drive/pdfs
more 3590725.pdf
less 3697690.pdf
links "http://www.nejm.org.ezp-
pr/doi/full/10.1056/NEJMp078190?keytype2=tf\_ipsecsha&llkey=d016a4ba45489a1d98c8c00d31b0f51b7fe229d4&"
links "http://www.nejm.org.ezp-pr/doi/full/10.1056/NEJMp078190"
links "http://www.nejm.org/doi/full/10.1056/NEJMp078190"
ls
ls umi/saneurl.py
links http://linkinghub.elsevier.com/retrieve/pii/S0933365789900110
links "http://linkinghub.elsevier.com/retrieve/pii/S092911999490006X"
more /vol/umi/107685.html
links /vol/umi/107685.html

```



```

links /vol/uml/107794.html
curl -i http://linkinghub.elsevier.com/retrieve/pii/09780750657457500224
curl -i
"http://linkinghub.elsevier.com/retrieve/articleSelectSingle?Redirect=http%3A%2F%2Fwww.sciencedirect.com%2Fscience%3F%20ob%3DGatewayURL%26%20origin%3Dinwardhub%26%20urlversion%3D4%26%20method%3DcitationSearch%26%20piikey%3D09780750657457500224%26%20version%3D1%26%20md5%3D5d0b15fec31eccc36684151f1e94990a"
curl -i
"http://www.sciencedirect.com/science?ob=GatewayURL&origin=inwardhub&urlversion=4&method=citationSearch&piikey=09780750657457500224&version=1&md5=5d0b15fec31eccc36684151f1e94990a"
curl -i "http://www.sciencedirect.com/science?ob=ArticleURL&udl=B8K8S-4RIMQTB-8&user=501045&coverDate=01%2F09%2F2008&rdoc=1&fmt=high&orig=search&origin=search&sort=d&docanchor=&view=c&acct=C000022659&version=1&urlVersion=0&userid=501045&md5=0dd2643f6e14c404198de5326a67c81a&searchtype=a"
ping www.jstor.org
curl www.jstor.org
ls
screen -x
df -h
screen -r
screen -x
cd /media/drive/jsindex/
ls
rm *
ls
s
ls
cd 1923
ls
more 00900.html
python
cd ..
ls
python
more 1923/06700.html
fg
ls blocks
df -h
sudo umount /media/bce820ea-a03b-4556-bfa6-ef2d9eb665e/
plng 4.2.2.2
/sbin/lfdconfig -a
/sbin/lfdconfig -a | less
ls
~/bin/sis pdfs | head
./sis pdfs | head
cd pdfs
../sis | xargs -l mv {} /vol/pdfs/
../sis . | xargs -i mv {} /vol/pdfs/
ls
cd ..
rmdir pdfs
more deleteandgrab
ls

```

```
ls -l
more pdfs3.sls
tail pdfs3.sls
ls
more js3.lslR
less js3.lslR
ls -lh js3.lslR
fg
ls
ls -lh pdf2size-js4.dbm
wc -l js3.lslR
python
spllt -a 5 -l 100 30mblocks blocks/grp30m
cd /vol/jsindex/
python
cd /media/dr
cd /media/drive/
~/keepgrabbing.py
fg
more /media/drive/4478605.pdf
more /media/drive/pdfs/4478605.pdf
curl protect.theinfo.org
links protect.theinfo.org
df
ps ax | grep part
ps ax
cd /media/
ls
mkdir drive2
sudo mkdir drive2
sudo mount /dev/sdf drive2
sudo mount -t reiserfs /dev/sdf drive2
sudo mount -t reiserfs /dev/sdf1 drive2
df
df -h
cd drive2
ls
ls -a
mkdir pdfs
sudo mkdir pdfs
sudo chown ghost pdfs
cd /vol
ls -l
cd ..
ls -l
rm vol
sudo rm vol
sudo ln -s /media/drive2 vol
screen -r
screen -x
ping www.google.com
/sbin/lfconfig -a
```

```
/sbin/ifconfig -a | less
dhclient
sudo dhclient
sudo ifdown eth0:1
ping www.google.com
/sbin/ifconfig -a
/sbin/ifconfig -a | less
ping 4.2.2.2
cat /etc/resolv
cat /etc/resolv.conf
ping 10.72.0.47\
ping 10.72.0.47
ping 4.2.2.2
sudo ifconfig down eth0:1
sudo ifconfig eth0:1 down
/sbin/ifconfig -a | less
sleep 600 && bell
bg
dhclient
sudo dhclient
df -h
sudo umount /dev/sdf1
fg
df
ps ax | grep dhcld
sudo kill 31696
/sbin/ifconfig -a | less
screen -x
gnome-screensaver
gnome-screensaver-command --lock
gnome-lock-screen
gnome-screensaver-lock
xscreensaver -lock
gnome-screensaver-command --lock
gnome-screensaver
screen -x
df
cd /media/
ls
mount /dev/sdg1 3aab9fe1-9c54-43b1-9374-72722d78d3e0/
sudo mount /dev/sdg1 3aab9fe1-9c54-43b1-9374-72722d78d3e0/
df
sudo mount /dev/sdh1 3aab9fe1-9c54-43b1-9374-72722d78d3e0/
ls
/sbin/ifconfig -a
sudo ifconfig mac 91:4c:e5:a0:c7:55
ls
/sbin/ifconfig -a > mac
sudo ifconfig mac 91:4c:e5:a0:c7:55
fg
sudo ifconfig eth0 mac 91:4c:e5:a0:c7:55
man ifconfig
```

```

sudo ifconfig eth0 hw ether 91:4c:e5:a0:c7:55
/sbin/ifconfig -a |grep ether
/sbin/ifconfig eth0
sudo ifconfig eth0 hw ether 00:4c:e5:a0:c7:55
sudo ifdown eth0
sudo ifconfig eth0 hw ether 00:4c:e5:a0:c7:55
sudo ifconfig eth0 down
sudo ifconfig eth0 hw ether 00:4c:e5:a0:c7:55
sudo ifconfig eth0 up
dhclient
sudo dh
sudo dhclient
sudo dhclient -r
cd /mnt/
ls
df
cd /media/bce820ea-a03b-4556-bfa6-eff2d9eb665e/
ls
ls -l /
ln -s /media/bce820ea-a03b-4556-bfa6-eff2d9eb665e/ /vol
SUDO ln -s /media/bce820ea-a03b-4556-bfa6-eff2d9eb665e/ /vol
sudo ln -s /media/bce820ea-a03b-4556-bfa6-eff2d9eb665e/ /vol
cd /vol
ls
df
ifconfig
sudo dhclient -r
sudo dhclient
ls
cd
ls
screen -r
ls blocks/|wc -l
screen
screen -r
screen -x
wc -l uristograb.wget
df -h | media
df -h | grep media
wc -l uristograb.wget
df -h | grep media
grep -v oxford uristograb.wget |less
grep -v oxford uristograb.wget |grep -v dukejo |grep -v genesdev | grep -v err |less
grep -v oxford uristograb.wget |grep -v dukejo |grep -v genesdev | grep -v err | grep -v cshlp | grep -v rnajou |less
grep -v oxford uristograb.wget |grep -v dukejo |grep -v genesdev | grep -v err | grep -v cshlp | grep -v rnajou |grep -v
genome|less
grep -v oxford uristograb.wget |grep -v dukejo |grep -v genesdev | grep -v err | grep -v cshlp | grep -v rnajou |grep -v
genome|grep -v learnmem|less
wc -l uris*
df -h | grep media
ls blocks/|wc -l
df -h | grep media

```

```
ls blocks|wc -l
df -h | grep media
ls blocks|wc -l
df -h | grep media
LS
df
w
df -h | grep media
ls blocks|wc -l
df -h | grep media
ks blocks|wc -l
ls blocks|wc -l
df -h | grep media
ls blocks|wc -l
df -h | grep media
ts blocks|wc -l
df -h | grep media
ls blocks|wc -l
ls /mnt
ls /vol
df -h | grep media
ls blocks|wc -l
df -h | grep media
ls blocks|wc -l
df -h | grep media
ls blocks|wc -l
df -h
ls blocks|wc -l
df -h | grep media
ls blocks|wc -l
df -h
df -h | grep media
ls blocks|wc -l
df -h | grep media
ls blocks|wc -l
df -h | grep media
ls blocks|wc -l
df -h | grep media
ls blocks|wc -l
df -h | grep media
ls blocks|wc -l
df -h | grep media
ls blocks|wc -l
df -h | grep media
ls blocks|wc -l
df -h | grep media
ls blocks|wc -l
df -h | grep media
ping google.com
/sbin/ifconfig -a
/sbin/ifconfig -a | less
df
umount /media/drive
cd /media/drive/
```





```
ls
df -h
ls
sudo umount /dev/sde1
sudo umount -f /dev/sde1
df
/sbin/ifconfig -a | less
df -h | grep drive2
ls blocks/ | wc -l
cd
ls blocks/ | wc -l
df -h | grep drive2
/sbin/ifconfig -a
ifconfig eth0:1 static 18.55.7.241
sudo ifconfig eth0:1 static 18.55.7.241
/sbin/ifconfig -a
curl --interface eth0:1 www.jstor.org
curl --interface eth0 www.jstor.org
sudo ifconfig eth0:1 static 18.55.6.241
curl --interface eth0 www.jstor.org
curl --interface eth0:1 www.jstor.org
sudo ifconfig eth0:1 static 18.55.5.241
curl --interface eth0:1 www.jstor.org
sudo ifconfig eth0:1 static 18.55.4.241
curl --interface eth0:1 www.jstor.org
/sbin/ifconfig -a
sudo ifconfig eth0:1 static 18.54.4.241
curl --interface eth0:1 www.jstor.org
sudo ifconfig eth0:1 static 18.54.5.241
sudo ifconfig eth0:1 static 18.55.5.241
sudo ifconfig eth0:1 up static 18.55.5.241
ls blocks/ | wc -l
ping 4.2.2.2
cd vol
cd /vol
~/keepgrabbing.py
fg
cd ..
ls vol
ls -l vol
rm vol
sudo rm vol
sudo ln -s /media/drive /vol
cd /vol
~/keepgrabbing.py
a
~/keepgrabbing.py
cd ..
cd vol
~/keepgrabbing.py
cd
ls
```

```

mkdir tomove
cd tomove
mkdir pdfs
~/keepgrabbing.py
emacs ../keepgrabbing.py
~/keepgrabbing.py
sudo rm /vol
sudo ln -s /media/3aab9fe1-9c54-43b1-9374-72722d78d3e0/ /vol
cd /vol
~/keepgrabbing.py
fg
ls
cd ../vol
~/keepgrabbing.py
links www.jstor.org
dhclient
/sbin/ifconfig -a
ifconfig up eth0:1 18.55.6.251
ifconfig --help | less[A]
ifconfig --help
ifconfig eth0:1 up static 18.55.6.251
sudo ifconfig eth0:1 up static 18.55.6.251
sudo ifconfig eth0:1 up static 18.55.6.252
/sbin/ifconfig -a
ping --help | less
ping -i eth0:1 www.google.com
/sbin/ifconfig -a
/sbin/ifconfig -a | less
sudo ifconfig eth0:1 up static 18.55.6.241
/sbin/ifconfig -a
ping -i eth0:1 www.google.com
ping -i 18.55.6.241 www.google.com
curl --interface eth0:1 www.google.com
curl --interface eth0:1 www.jstor.org
curl --help | less
/sbin/ifconfig -a
sudo ifconfig eth0:1 up static 18.55.6.252
curl --interface eth0:1 www.jstor.org
sudo ifconfig eth0:1 up static 18.55.7.240
curl --interface eth0:1 www.jstor.org
curl --interface eth0:1 www.jstor.org/x
ls
emacs keepgrabbing.py
cd tomove/pdfs/
ls | wc -l
mv * /vol/pdfs
ls
cd ..
ls
mkdir umi
cd umi
curl =o 0.html "proquest.umi.com/pqdweb?RQT=305&SQ=PMID(66569)&PageSize=50"

```

```

curl -o 0.html "proquest.umi.com/pqdweb?RQT=305&SQ=PMID(66569)&PageSize=50&cf=1"
more 0.html
curl -l proquest.umi.com/pqdweb?RQT=305&SQ=PMID(66569)&PageSize=50
curl -i "proquest.umi.com/pqdweb?RQT=305&SQ=PMID(66569)&PageSize=50"
curl -H "Cookie: JSESSIONID=f4zWwqzMRSh" -o 0.html
"proquest.umi.com/pqdweb?RQT=305&SQ=PMID(66569)&PageSize=50"
more 0.html
curl -H "Cookie: JSESSIONID=f4zWwqzMRSh" -o 50.html
"proquest.umi.com/pqdweb?RQT=305&SQ=PMID(66569)&PageSize=50&firstIndex=50"
diff -u 0.html 50.html
macs curlcommands.py
emacs curlcommands.py
python curlcommands.py
python curlcommands.py
more curlcommands.sh
rm curlcommands.py
emacs curlcommands.py
python curlcommands.py
more curlcommands.sh
bash curlcommands.sh
more 1100
more 1100.html
lynx -dump 1100.html
links 1100.html
python
cat > saneurl.py
fg
ls /media
fg
mkdir /media/drive/umi
fg
curl -i http://proquest.umi.com/pqdweb
fg
ls /media/drive/umi
more /media/drive/2073772711.pdf
more /media/drive/umi/2073772711.pdf
more /media/drive/umi/2073772711.html
more /media/drive/umi/2073772711.pdf
fg
cd /vol
~/keepgrabbing.py
cd ..
cd vol
~/keepgrabbing.py
fg
~/keepgrabbing.py
cd ..
cd vol
ls
~/keepgrabbing.py
ls
df -h

```

**R I F**

2805

```
fg
ps ax | grep keep
ps ax | grep ser
fg %1
fg 0
fg
kill 2137
kill 2138
ps ax | grep keep
python serveblocks.py 8092
fg
python serveblocks.py 8092
emacs serveblocks.py
python serveblocks.py 8092
emacs serveblocks.py
python serveblocks.py 8092
emacs serveblocks.py
python serveblocks.py 8092
emacs serveblocks.py
python serveblocks.py 8092
kill %1
fg
python serveblocks.py 8092
kill %1
fg
python serveblocks.py 8092
kill %1
fg
python serveblocks.py 8092
kill %1
fg
python serveblocks.py 8092
kill %1
fg
python serveblocks.py 8092
kill %1
fg
python serveblocks.py 8092
kill %1
fg
emacs serveblocks.py
python serveblocks.py 8092
cd /media/drive/
~/keepgrabbing.py
df -h
df -h | grep sdd; date
du -hsc /vol/*
dm /vol/uristograb2.wget
rm /vol/uristograb2.wget
du -hsc /vol/*
bwm-ng
du -hsc /vol/*
df -h
df -h | grep media
```

```

ls blocks | wc -l
ls
emacs oaigrab.py
python -i oaigrab.py
emacs oaigrab.py
python -i oaigrab.py
emacs oaigrab.py
mkdir muse
mv urlstograb* muse
python oaigrab.py | tee urlstograb.wget
wc -l urlstograb.wget
emacs oaigrab.py
python -i oaigrab.py | tee urlstograb.wget
emacs oaigrab.py
python -i oaigrab.py | tee urlstograb.wget
ls
emacs oaigrab.py
fg
emacs oaigrab.py
python -i oaigrab.py | tee urlstograb2.wget
fg
cd /vol
wget -x -nv -nc -i ~/urlstograb.wget
more analysis.oxfordjournals.org/content/35/3/97.full.pdf
wget -x -nv -nc -i ~/urlstograb.wget
mkdir sd
cd sd
wget -in -np "http://www.sciencedirect.com/science/page/sitemap/index.html"
wget --header="User-Agent: WL/6" -m -np "http://www.sciencedirect.com/science/page/sitemap/index.html"
wget --header="User-Agent: WL/6" -m -np "http://www.sciencedirect.com/science/page/sitemap/index.html"
wget -e robots=off --header="User-Agent: WL/6" -m -np
"http://www.sciencedirect.com/science/page/sitemap/index.html"
ls
cd www.sciencedirect.com/science/page/sitemap/publication/
ls
cd serial/
ls
cd journals/
ls
emacs ~/sis
chmod +x ~/sis
~/sis | less
~/sis . | less
more 17509467.html
ls 0242648X
ls 0242648X/24
ls 0242648X/24/3
more 0242648X/24/3/243.html
python
fg
mkdir /vol/sd/jo
fg

```

```
cd
fg
python
ls
cd umi
ls
python
fg
more keepgrabbing.py
cd /vol/
ls
mkdir pdfs
sudo mkdir pdfs
sudo chown ghost pdfs
cd pdfs/
~/keepgrabbing.py
cd ..
~/keepgrabbing.py
fg
~/keepgrabbing.py
dids
fg
python
pwd
ls
cd ~/umi
python
fg
python
ls 1000000.html
fg
more 128214.html
more 128213
less 128204.html
less /vol/umi/128204.html
links /vol/umi/128204.html
python
ls -lh
ls blocks | wc -l
python
ls *dbm
fg
ls
more deleteandgrab
split -a 5 -l 1000 deleteandgrab blocks/regrab
ls blocks/ | wc -l
cd blocks/
ls | less
ls | tail
cd ..
fg
ls /mnt
```

```
df
ls /media/drive
fg
links http://callber.ucpress.net/doi/pdf/10.1525/as.2010.50.5.835
ls
rm p1-salmela.pdf
curl "http://portal.acm.org/ft_gateway.cfm?id=1187439&type=pdf&CFID=15902&CFTOKEN=55059171"
curl -I "http://portal.acm.org/ft_gateway.cfm?id=1187439&type=pdf&CFID=15902&CFTOKEN=55059171"
curl -i "http://portal.acm.org/ft_gateway.cfm?id=1187439&type=pdf"
curl -i "http://portal.acm.org/ft_gateway.cfm?id=1187439&type=pdf" | less
ls
more serveblocks.py
emacs serveblocks.py
more keepgrabbing.py
ls /vol
~/sls /vol umi > umi.sls
more umi.sls
~/sls /vol/umi > umi.sls
~/sls /vol/pdfs > pdfs3.sls
ls -lR /vol > js3.lslR
more js3.lslR
ls -lR /vol/ > js3.lslR
more js3.lslR
wc -l js3.lslR
echo -n me@aaronsw.com | md5sum
df
ps ax
df
mount /dev/sdc/vol
cd /vol
ls
cd /media/
ls
ls -l
rm drive
sudo rm drive
sudo mkdir drive
sudo mount /dev/sde drive
sudo mount /dev/sde1 drive
cd drive
ls
df
fd -h
df -h
mkdir pdfs
sudo mkdir pdfs
sudo chown ghost pdfs
ls
~/keepgrabbing.py
cd /media/drive/pdfs
more 3590725.pdf
less 3697690.pdf
```



```
less 30072010.pdf
less 60244678.pdf
less 3523970.pdf
less 3548593.pdf
less 3523645.pdf
less 3813153.pdf
less 3838338.pdf
less 3279339.pdf
less 1888323.pdf
less 688560.pdf
less "234, pdf"
less 742572.pdf
less 30058803.pdf
less 2023815.pdf
more 2023815.pdf
cd
~/keepgrabbing.py
fg
ls
cd pdfs
ls
df -h
cd /vol/
~/keepgrabbing.py
cd ..
cd vol
~/keepgrabbing.py
```

(b)(6),(b)(7)(C)

U.S. Secret Service  
Boston Field Office

(b)(6),(b)(7)(C)

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(b)(6),(b)(7)(C) (CID)

**From:** (b)(6),(b)(7)(C)@cert.org  
**Sent:** Wednesday, March 09, 2011 11:31 AM  
**To:** Heymann, Stephen (USAMA) (b)(6),(b)(7)(C) (BOS)  
**Cc:** (b)(6),(b)(7)(C) (CID)  
**Subject:** Re: bash history of Acer involved with MIT hack and downloading from JSTOR

Here is the phone bridge information. I have booked the line from 1 to 2 Eastern.  
Looking forward to speaking with you then.

(b)(6),(b)(7)(C)

**From:** "Heymann, Stephen (USAMA)" (b)(6),(b)(7)(C)@usdoj.gov  
**Date:** Wed, 9 Mar 2011 10:49:07 -0500  
**To:** (b)(6),(b)(7)(C) (BOS) (b)(6),(b)(7)(C)@ussc.dhs.gov (b)(6),(b)(7)(C)@cert.org  
**Cc:** (b)(6),(b)(7)(C)@cert.org  
**Subject:** RE: bash history of Acer involved with MIT hack and downloading from JSTOR

Works for me (b)(6),

**From:** (b)(6),(b)(7)(C) (BOS) [mailto:(b)(6),(b)(7)(C)@ussc.dhs.gov]  
**Sent:** Wednesday, March 09, 2011 10:37 AM  
**To:** (b)(6),(b)(7)(C)  
**Cc:** (b)(6),(b)(7)(C) Heymann, Stephen (USAMA)  
**Subject:** RE: bash history of Acer involved with MIT hack and downloading from JSTOR

Would 1300 today work for everyone? Do you have the ability to host a conference call?

(b)(6),(b)(7)(C)  
U.S. Secret Service  
Boston Field Office  
(b)(6),(b)(7)(C)

**From:** (b)(6),(b)(7)(C) [mailto:(b)(6),(b)(7)(C)@cert.org]  
**Sent:** Wednesday, March 09, 2011 10:36 AM  
**To:** (b)(6),(b)(7)(C) (BOS)  
**Cc:** (b)(6),(b)(7)(C)  
**Subject:** Re: bash history of Acer involved with MIT hack and downloading from JSTOR

We can, but we haven't had the opportunity to look at much beyond the python script and the bash history.  
Let us know what is a good time for you. We are free all day today.

(b)(6),

**From:** (b)(6),(b)(7)(C) (BOS) (b)(6),(b)(7)(C)@ussc.dhs.gov  
**Date:** Wed, 9 Mar 2011 10:23:06 -0500  
**To:** (b)(6),(b)(7)(C)@cert.org  
**Subject:** RE: bash history of Acer involved with MIT hack and downloading from JSTOR

Do you mind if we have a conference call with the AUSA.

AUSA Heymann P Stephen

Chief Appellate and Computer Crime Section

(b)(6), (b)(7)(C) usdoj.gov

(b)(6), (b)(7)(C) Work  
Cell

(b)(6), (b)(7)(C)  
U.S. Secret Service  
Boston Field Office  
(b)(6), (b)(7)(C)

From: (b)(6), (b)(7)(C) [mailto:(b)(6), (b)(7)(C)@cert.org]  
Sent: Wednesday, March 09, 2011 9:56 AM  
To: (b)(6), (b)(7)(C) BOS  
Cc: (b)(6), (b)(7)(C) CID; (b)(6), (b)(7)(C)  
Subject: Re: bash history of Acer Involved with MIT hack and downloading from JSTOR

(b)(6), (b)(7)(C)

Do you have some time today that we can go over the questions you have on the bash history listed below and keepgrabbing python script?

(b)(6), (b)(7)(C)

From: (b)(6), (b)(7)(C) @uss.s.dhs.gov  
Date: Tue, 8 Mar 2011 17:24:05 -0500  
To: (b)(6), (b)(7)(C) @cert.org  
Subject: Fw: bash history of Acer involved with MIT hack and downloading from JSTOR

(b)(6), (b)(7)(C)  
Special Agent  
U.S. Secret Service  
(b)(6), (b)(7)(C) (Desk)  
(b)(6), (b)(7)(C) (Mobile)  
412-268-5228 (Fax)

From: (b)(6), (b)(7)(C) BOS  
To: (b)(6), (b)(7)(C) CID; (b)(6), (b)(7)(C) @cert.org; (b)(6), (b)(7)(C) @cert.org  
Sent: Tue Mar 08 17:21:53 2011  
Subject: Fw: bash history of Acer involved with MIT hack and downloading from JSTOR

would anyone have time available to help me decipher the bash history for proof of Mac spoofing and interpret what the script keepgrabbing.py does?

(b)(6), (b)(7)(C)

Sent from Blackberry

From: (b)(6), (b)(7)(C) (BOS)  
To: 'Heymann, Stephen (USAMA)' (b)(6), (b)(7)(C) usdoj.gov  
Cc: (b)(6), (b)(7)(C) CID

Sent: Wed Mar 02 17:31:13 2011

Subject: bash history of Acer involved with MIT hack and downloading from JSTOR

FYI

The bash history of the Acer that was connected to the MIT network has references to the python script keepgrabbing and JSTOR:

```
cat .bash_history
rm .bash_history
screen -x
uptime
df -h
ls /mnt/pdfs/|wc -l
ls -f /mnt/pdfs/|wc -l
screen -x
cat .bash_history
ls
cat .ssh/known_hosts
whois ygl.as
uptime
curl www.jstor.org
links www.jstor.org/stable/838383
ls
mv 838383.pdf /mnt/pdfs/
screen -r
screen -x
curl jstor.org
curl -i www.jstor.org
curl -i www.jstor.org
sudo ifconfig wlan0 down
sudo dhclient -re
sudo dhclient -r
sudo ifconfig eth0 up
sudo dhclient
curl -i www.jstor.org
curl scripting.com
/sbin/ifconfig -a
curl scripting.com
ping 4.2.2.2
cat /etc/resolv.conf
sudo dhclient -r
sudo dhclient
ping 4.2.2.2
cat /etc/resolv.conf
curl scriptng.com
curl www.google.com
curl -i www.jstor.org
/sbin/ifconfig -a
ping ghost-laptop.dyndns-free.com
ps ax | grep ip
/etc/init.d/ez-ipupdate
/etc/init.d/ez-ipupdate reload
```



```
sudo /etc/init.d/ez-ipupdate reload
ping ghost-laptop.dyndns-free.com
dig ghost-laptop.dyndns-free.com
dig @ns1.dyndns.org ghost-laptop.dyndns-free.com
sudo /etc/init.d/ez-ipupdate restart
dig @ns1.dyndns.org ghost-laptop.dyndns-free.com
ez-ipupdate --help
ez-ipupdate --help|less
sudo ez-ipupdate
sudo ez-ipupdate -i eth0
more /etc/ez-ipupdate/default.conf
ez-ipupdate --help|less
sudo ez-ipupdate -c /etc/ez-ipupdate/default.conf
sudo ez-ipupdate -vvv -c /etc/ez-ipupdate/default.conf
ez-ipupdate --help|less
sudo ez-ipupdate -vvv -c /etc/ez-ipupdate/default.conf -i eth0
sudo ez-ipupdate -c /etc/ez-ipupdate/default.conf -i eth0
dig @ns1.dyndns.org ghost-laptop.dyndns-free.com
ls /mnt|wc -l
cd /mnt
ls
ps ax | grep touch
ps ax | grep seq
touch 1
ls
touch 2
seq 1 20
seq 1 20 | xargs touch
ls | wc -l
seq 1 2000000 | xargs touch
ls | wc -l
ls | less
ls | wc -l
ps ax | grep bash
w
who am i
kill 3658
kill -9 3658
mkdir pdfs
cd pdfs
~/keepgrabbing.py
emacs /home/ghost/keepgrabbing.py
zile /home/ghost/keepgrabbing.py
~/keepgrabbing.py
touch foo
rm foo
cd ..
~/keepgrabbing.py
cd /mnt
ls
rm *
ls
```

```
cd pdfs
ls
cd
ls
python serveblocks.py
python serveblocks.py 8092
bg
fg
ps ax | grep serve
kill 2461
ps ax | grep serve
python serveblocks.py 8092
bg
ls /mnt
ls /mnt/pdfs
ls -l /mnt/pdfs/
cd
gnome-screensaver-command --activate
ls
ps ax | grep curl
kill 19047
curl www.jstor.org
dhclient --help
sudo dhclient
bwm-ng
ls blocks | wc -l
df -h
links www.jstor.org/stable/873098
bwm-ng
gnome-screensaver-command --activate
ls blocks | wc -l
bwm-ng
ls blocks | wc -l
uptime
bwm-ng
df -h
ls blocks | wc -l
bwm-ng
sudo umount /mnt
df
screen -x
~/keepgrabbing.py
cd /mnt/
~/keepgrabbing.py
fg
cd /mnt/
~/keepgrabbing.py
cd /mnt/
~/keepgrabbing.py
D
cd /mnt/
~/keepgrabbing.py
```

```
bg; ~/keepgrabbing.py
cd /mnt/
~/keepgrabbing.py
bg
bg; ~/keepgrabbing.py
cd /mnt/
~/keepgrabbing.py
bg
~/keepgrabbing.py
bg
~/keepgrabbing.py
bg
~/keepgrabbing.py
bg
~/keepgrabbing.py
bg
~/keepgrabbing.py
bg
~/keepgrabbing.py
bg
~/ke
~/keepgrabbing.py
bg
~/keepgrabbing.py
cd /mnt
~/keepgrabbing.py
bg
~/keepgrabbing.py
bg
~/lke
~/keepgrabbing.py
bg
~/keepgrabbing.py
bg
~/keepgrabbing.py
bg
~/keepgrabbing.py
bg
~/keepgrabbing.py
bg
~/keepgrabbing.py
bg
~/keepgrabbing.py
bg
~/keepgrabbing.py
cd /mnt/
~/keepgrabbing.py
cd /mnt/
~/keepgrabbing.py
cd /mnt/
```

```
~/keepgrabbing.py
cd /mnt/
~/keepgrabbing.py
cd /mnt/
~/keepgrabbing.py
cd /mnt/
~/keepgrabbing.py
cd /mnt/
~/keepgrabbing.py
~/keepgrabbing.py
cd /mnt/
~/keepgrabbing.py
cd /mnt/
~/keepgrabbing.py
cd /mnt/
~/keepgrabbing.py
cd /mnt/
~/keepgrabbing.py
cd /mnt/
~/keepgrabbing.py
cd /mnt/
~/k
~/keepgrabbing.py
cd /mnt
~/keepgrabbing.py
cd /mnt
~/keepgrabbing.py
cd /mnt/
~/keepgrabbing.py
~/keepgrabbing.py
cd /mt
cd /mnt/
cd /mt
~/keepgrabbing.py
~/keepgrabbing.py
cd /mnt/
~/keepgrabbing.py
~/keepgrabbing.py
cd /mnt/
~/keepgrabbing.py
```





```
~/keepgrabbing.py
cd /mnt/
~/keepgrabbing.py
~/keepgrabbing.py
cd /mnt/
~/keepgrabbing.py
~/keepgrabbing.py
cd /mnt/
~/keepgrabbing.py
~/keepgrabbing.py
cd /mnt/
~/keepgrabbing.py
~/keepgrabbing.py
cd /mnt/
~/keepgrabbing.py
cd /mnt
~/keepgrabbing.py
screen -r
screen -x
uptime
df -h
screen -r
screen -x
e
uptime
bwm-ng
df -h
screen -x
ps ax | grep curl
ps ax | grep keepgr | awk '{print $1}' | xargs kill
ps ax | grep curl
ps ax | grep gr
ps ax | grep curl
df -h
/sbin/ifconfig -a
sudo ifconfig eth0:1 static 18.55.7.49
curl --interface eth0:1 www.jstor.org
curl --interface eth0:1 www.google.org
rsync -avz pdfs/ ghost-macbook.dyndns-free.com:/vol/pdfs
screen -r
screen -x
python
sudo easy_install pyoai
sudo apt-get install python-lxml
sudo easy_install pyoai
python
sudo easy_install --remove pyoai
easy_install --help
easy_install --help | less
sudo easy_install --remove pyoai
python
sudo easy_install pyoai
```

```
cd /usr/local/lib/python2.6/
ls
ls site-packages/
cd
ls
locate easy-install.pth
locate easy_install.pth
sudo easy_install.pyoai
locate easy-install.pth
cd /usr/lib/python
ls
ls -a
cd ../python2.6
ls
easy_install --help
easy_install --help|less
python serveblocks.py
python serveblocks.py 8092
bg
sudo dhclient -r
sudo dhclient
sudo dhclient -r
sudo dhclient
sudo dhclient -r
sudo dhclient
ping 4.2.2.2
sudo dhclient -r
sudo dhclient
sudo dhclient -r
sudo dhclient
sudo dhclient -r
sleep 60
sudo dhclient -r
sudo dhclient
cd /vol/
ls -l
ls -lh pdfs
easy_install.pyoai
sudo apt-get install python-setuptools
sudo apt-get update
sudo apt-get install python-setuptools
sudo apt-get upgrade
ez-ipupdate
sudo /etc/init.d/ez-ipupdate restart
ping ghost-laptop.dyndns-free.com
/sbin/ifconfig eth0
ping 18.55.7.237
ping ghost-laptop.dyndns-free.com
sudo /etc/init.d/ez-ipupdate restart
ping 18.55.7.237
ping ghost-laptop.dyndns-free.com
sudo /etc/init.d/ez-ipupdate help
```



```
sudo /etc/init.d/ez-ipupdate force-reload
ping ghost-laptop.dyndns-free.com
more /etc/init.d/ez-ipupdate
more /etc/ez-ipupdate/default.conf
sudo less /etc/ez-ipupdate/default.conf
ps ax | grep ez-ip
ping ghost-laptop.dyndns-free.com
cd /vol/pdfs/
ls
ls | less
python oaigrab.py
python -i oaigrab.py
cd /vol/
ls
cd muse.jhu.edu/
ls
cd content/oaif/journals/
ls
cd social_text/
ls
cd v017/
ls
more 17.3
more 17.3dutton.html
man wget
du -hsc /vol/*
du -hsc /vol/*
bwm-ng
ls -lh urlstograb.wget
grep pdf urlstograb.wget
screen -x
man wget
cd /vol/
ls
wget -x -nc ~/urlstograb.wget
wget -x -nc -i ~/urlstograb.wget
sudo chown ghost .
wget -x -nc -i ~/urlstograb.wget
wget -q -x -nc -i ~/urlstograb.wget
wget -nv -x -nc -i ~/urlstograb.wget
screen -x
emacs oaigrab.py
sudo apt-get install emacs23-nox
emacs oaigrab.py
python oaigrab.py | tee urlstograb.wget
wc -l urlstograb.wget
grep html urlstograb.wget | sed -e 's/html/pdf/' > urlstograb2.wget
grep pdf urlstograb.wget | sed -e 's/pdf/html/' > urlstograb2.wget
more urlstograb
more urlstograb2.wget
cd /vol/
wget -nv -x -nc -i ~/urlstograb2.wget
```

```

grep html urlistgrab.wget | sed -e 's/html/pdf/' >> urlistgrab2.wget
cd
grep html urlistgrab.wget | sed -e 's/html/pdf/' >> urlistgrab2.wget
cd /vol
wget -nv -x -nc -i ~/urlistgrab2.wget
curl muse.jhu.edu/f
links muse.jhu.edu
screen -x
cd /media/noname/
ls
cp tograb.log /home/ghost/
ccd
cd
cd blocks/
ls | wc -l
cd ..
ls
mv tograb.log blocks/
cd blocks/
more tograb.log
split -n 100 tograb.log
split --help
split --help|less
split -l 100 tograb.log tograb.
ls
rm tograb.*
cp /media/noname/tograb.log tograb-
split --help|less
split -a 5 -l 100 tograb.log tograb-
ls tograb *
wc -l
ls | wc -l
mv tograb.log ..
sudo dhclient --release
sudo dhclient -r
sudo dhclient
sudo dhclient -r
sudo dhclient
sudo /etc/init.d/ez-ipupdate restart
ping ghost-laptop.dyndns-free.com
/sbin/ifconfig -a | less
ping ghost-laptop.dyndns-free.com
screen -x
sudo ifconfig eth0 up
curl --interface eth0 https://nic.mit.edu:444/bin/dynareg?class=visitor
/sbin/ifconfig -a
sudo dhclient
curl --interface eth0 https://nic.mit.edu:444/bin/dynareg?class=visitor
cat loginInfo
curl --interface eth0 https://10.72.0.47:444/bin/dynareg?class=visitor
curl --interface eth0 10.72.0.47
ping --hel

```

```

ping -i eth0 10.72.0.47
/sbin/ifconfig -a
ping -i eth0 4.2.2.2
man ping
ping -i 10.2.55.120 4.2.2.2
sudo ping -i 10.2.55.120 4.2.2.2
/sbin/ifconfig -a | less
sudo ping -i 10.2.55.120 4.2.2.2
sudo ping -i wlan0 4.2.2.2
sudo ping -i eth0 4.2.2.2
ping -i eth0 4.2.2.2
sudo ping -i eth0 4,
sudo ping -i eth0 10.72.0.47
sudo curl --interface eth0 10.72.0.47
man curl
sudo curl --interface 10.2.55.120 10.72.0.47
route
/sbin/ifconfig -a
route add default gw 18.2.55.1
sudo route add default gw 18.2.55.1
sudo ping -i eth0 10.72.0.47
echo "sudo route add default gw 18.2.55.1" >> logininfo
sudo curl --interface 10.2.55.120 10.72.0.47
curl --interface eth0 10.72.0.47
curl --interface eth0 https://10.72.0.47:444/bin/dynareg?class=visitor
curl -k --interface eth0 https://10.72.0.47:444/bin/dynareg?class=visitor
curl -d "class=visitor" -k --interface eth0 https://10.72.0.47:444/bin/dynareg
curl -d "class=visitor&action=Register" -k --interface eth0 https://10.72.0.47:444/bin/dynareg
curl -d "vname=Grace+Host&vemail=ghost42@mailinator.com&action=Register&class=visitor" -k --interface eth0
https://10.72.0.47:444/bin/dynareg
echo 'curl -d "vname=Grace+Host&vemail=ghost42@mailinator.com&action=Register&class=visitor" -k --interface eth0
https://10.72.0.47:444/bin/dynareg' >> logininfo
curl --interface eth0 10.72.0.47
sudo dhclient eth0
sleep 600; sudo dhclient eth0
route
curl --interface wlan0 www.yahoo.com
curl --interface wlan0 4.2.2.2
sleep 600; sudo dhclient eth0
sudo dhclient eth0
sudo ping -i eth0 10.72.0.47
sudo ping -i wlan0 4.2.2.2
sudo ping -i eth0 4.2.2.2
man route
dnsip
dig www.yahoo.com
dig www.yahoo.com | grep "IN"
dig www.yahoo.com | grep "IN" | grep 10.72
echo 'dig www.yahoo.com | grep "IN" | grep 10.72' > logininfo
/sbin/ifconfig -a
/sbin/ifconfig -a | grep en
sudo ifconfig eth0 hw 00:4c:e5:a0:c7:56

```

```
sudo ifconfig eth0 hw ether 00:4c:e5:a0:c7:56
sudo ifdown eth0
sudo ifconfig eth0 hw ether 00:4c:e5:a0:c7:56
sudo ifconfig eth0 down
sudo ifconfig eth0 hw ether 00:4c:e5:a0:c7:56
sudo ifconfig eth0 up
emacs logininfo
ping www.yahoo.com
dig yahoo.com
sudo dhclient
dig www.yahoo.com
emacs logininfo
emacs /etc/ez-ipupdate/default.conf
/sbin/ifconfig -a
sudo emacs /etc/ez-ipupdate/default.conf
/etc/init.d/ez-ipupdate restart
sudo /etc/init.d/ez-ipupdate restart
dig
dig x.dyndns-free.com
dig ns x.dyndns-free.com
cat /etc/resolv.c
cat /etc/resolv.conf
dig www.yahoo.com
dig www.yahoo.com
links --help
links --help | grep lnerf
links --help | grep interf
lynx
curl --interface eth0 www.yahoo.com
dig @10.2.55.7 www.yahoo.com
dig @10.2.55.2 www.yahoo.com
sudo dhclient
cat /etc/resolv.conf
sudo dhclient
cat /etc/resolv.conf
ping 10.72.0.47
dig @10.72.0.47 www.google.com
gnome-screensaver-
df
ping www.yahoo.com
echo 10.72.0.47 >> logininfo
dig --help
host --help
dig ns x.dyndns-free.com
dig @ns1.dyndns.org ghost-laptop.dyndns-free.org
dig @ns1.dyndns.org ghost-laptop.dyndns-free.com
/sbin/ifconfig -a
ssh ghost-laptop.dyndns-free.org
ssh ghost-laptop.dyndns-free.com
ssh --help | grep interf
man ssh
sudo ifconfig eth0 down
```

```

ssh ghost-laptop.dyndns-free.com
sudo curl --interface eth0 10.72.0.47
route
ssh ghost-laptop.dyndns-free.com
ping www.yahoo.com
/sbin/ifconfig -a
ssh 10.189.76.179
sudo dhclient eth0
sudo dhclient eth0
route
man route
route
sudo dhclient eth0
sudo route del default
sudo route -net 10.0.0.0 gw 10.189.64.1
sudo route add -net 10.0.0.0 gw 10.189.64.1
sudo route add 10.0.0.0 gw 10.189.64.1
route
ping 10.189.76.179
ping 10.72.0.47
sudo dhclient eth0
/sbin/ifconfig -a
ping google.com
route
ping 4.2.2.2
sudo dhclient eth0
cat logininfo
curl -d "vname=Grace+Host&vemail=ghost42@mailinator.com&vsponsor=&vinterval=14"
curl -d "vname=Grace+Host&vemail=ghost42@mailinator.com&vsponsor=&vinterval=14" -k --interface eth0
https://10.72.0.47:444/bin/dynareg
echo 'curl -d "vname=Grace+Host&vemail=ghost42@mailinator.com&vsponsor=&vinterval=14" -k --interface eth0
https://10.72.0.47:444/bin/dynareg' >> logininfo
curl www.yahoo.com
echo 'curl -d "vname=Grace+Host&vemail=ghost42@mailinator.com&vsponsor=&vinterval=14" -k --interface eth0
https://10.72.0.47:444/bin/dynareg' >> logininfo
curl -d "vname=Grace+Host&vemail=ghost42@mailinator.com&vsponsor=&vinterval=14" -k --interface eth0
https://10.72.0.47:444/bin/dynareg
curl -d "vname=Grace+Host&vemail=ghost42@mailinator.com&vsponsor=&vinterval=5" -k --interface eth0
https://10.72.0.47:444/bin/dynareg
sudo dhclient eth0
sudo dhclient -r
sudo dhclient -r eth0
sudo dhclient eth0
/sbin/ifconfig -a > ifconfiglog
/sbin/ifconfig -a
sudo ifconfig wlan0 down
sudo ifconfig wlan0 hw ether 90:4c:e5:a0:c7:55
sudo ifconfig wlan0 up
/sbin/ifconfig -a
/etc/init.d/ez-ipupdate restart
sudo /etc/init.d/ez-ipupdate restart
dig ghost-laptop.dyndns-free.com

```

```
ping 4.2.2.2
sudo dhclient
ping 4.2.2.2
ping www.yahoo.com
route
curl www.yahoo.com
ssh ghost-laptop.dyndns-free.com
/sbin/ifconfig -a
ssh 18.111.48.33
curl www.yahoo.com
sudo dhclient eth0
cd /media/bce820ea-a03b-4556-bfa6-eff2d9eb665e/
ls
ls | grep aip
ls | grep -v oxford
cd /vol

ls
cd www.genome.org/content/1/3/
ls
cd /media/bce820ea-a03b-4556-bfa6-eff2d9eb665e/
more pdfs/2520824.pdf
more pdfs/25208234.pdf
ls -l pdfs/25208234.pdf
ls -Ul pdfs | head
python
ps ax | grep pyth
ps ax | grep ls
sudo kill 8185
sudo kill -9 8185
fg
cd bl
cd blocks/
ls
cd done/
ls | less
ls | head
more allpd00000009
more allpd00000009
more allpd00000009
ls -l /media/bce820ea-a03b-4556-bfa6-eff2d9eb665e/pdfs/20273145.pdf
ls | tail
more tograb-aaggu
more /media/bce820ea-a03b-4556-bfa6-eff2d9eb665e/pdfs/359815.pdf
ls -l /media/bce820ea-a03b-4556-bfa6-eff2d9eb665e/pdfs/359815.pdf
ls | less
ls | grep -v pd | less
ls | grep blk | tail
more blk0000003629
more /media/bce820ea-a03b-4556-bfa6-eff2d9eb665e/399479
more /media/bce820ea-a03b-4556-bfa6-eff2d9eb665e/399479.pdf
more /media/bce820ea-a03b-4556-bfa6-eff2d9eb665e/3999479.pdf
```



```
more /media/bce820ea-a03b-4556-bfa6-eff2d9eb665e/pdfs/3999479.pdf
more /media/bce820ea-a03b-4556-bfa6-eff2d9eb665e/pdfs/3999478.pdf
cd
python
ln -s /media/bce820ea-a03b-4556-bfa6-eff2d9eb665e/ /media/drive
sudo ln -s /media/bce820ea-a03b-4556-bfa6-eff2d9eb665e/ /media/drive
fg
ls /media/drive/pdfs*
c
w
/sbin/ifconfig -a
ssh 10.189.61.53
/sbin/ifconfig -a
sudo /etc/init.d/ez-ipupdate restart
ssh 18.111.48.33
ls
more failedandneedto grab
cat failedandneedto grab | sed -e 's/.pdf/' | sort -u | head
cat failedandneedto grab | sed -e 's/.pdf/' | sort -u > failed-partial-clean
head failed-partial-clean > blocks/testfailed
/sbin/ifconfig -a
curl --interface wlan0 www.yahoo.com
route
ping 18.111.31.1
wc -l failedandneedto grab
sudo apt-get install autossh
sudo apt-get update
man ssh
ps ax | grep dhclient
kill 7937
sudo kill 7937
sudo kill 8001
sudo kill 8281
ps ax | grep dhclient
ps ax | grep netwo
ps ax | grep Netw
sudo kill 730
ps ax | grep Netw
ps axf
/etc/init.d/network-manager stop
sudo /etc/init.d/network-manager stop
ps ax
ps ax | grep dhcl
sudo kill 8839
ps ax
/sbin/ifconfig -a
sudo emacs /etc/ez-ipupdate/default.conf
sudo /etc/init.d/ez-ipupdate restart
dig ghost-laptop.dyndns-free.com
ls
screen -x
w
```

```
who am i
wc -l failed-clean
screen -x
|
ls
cat failedandneedto grab | sed -e 's/.pdf//' | sort -u > failed-partial-clean
wc -l failedandneedto grab
cat failedandneedto grab | sed -e 's/.pdf//' | sort -u > failed-clean
rm failed-partial-clean
more failed-clean
cd blocks/done
ls | less
less blk0000000020
wc -l blk0000000020
cd ..
split --help
split -a 5 -l 1000 failed-clean blocks/blkfail
df -h
screen -x
screen -x
who am i
cd umi
python
cd umi
grep 797854 *
grep 801899 *
ls
more 900.html
grep 1978790241 *
screen -r
screen -x
links
ls
screen -x
ls blocks
ls
rm failedandneedto grab
rm failed-clean
python
ls
mv pdf2size.dbm pdf2size-js3.dbm
fg
more stillto grabx
split --help
split -a 5 -l 100 stillto grabx blocks/stillblk
ls blocks
fg
cd /media/drive/pdfs
more 3590725.pdf
less 3697690.pdf
cd /media/drive/pdfs
more 3590725.pdf
```



```
ls
~/bin/sis pdfs | head
./sis pdfs | head
cd pdfs
./sis | xargs -l mv {} /vol/pdfs/
./sis . | xargs -l mv {} /vol/pdfs/
ls
cd ..
rmdir pdfs
more deleteandgrab
ls
ls -l
more pdfs3.sis
tail pdfs3.sis
ls
more js3.lslR
less js3.lslR
ls -lh js3.lslR
fg
ls
ls -lh pdf2size-js4.dbm
wc -l js3.lslR
python
split -a 5 -l 100 30mblocks blocks/grp30m
cd /vol/jsindex/
python
cd /media/dr
cd /media/drive/
~/keepgrabbing.py
fg
more /media/drive/4478605.pdf
more /media/drive/pdfs/4478605.pdf
curl protect.theinfo.org
links protect.theinfo.org
df
ps ax | grep part
ps ax
cd /media/
ls
mkdir drive2
sudo mkdir drive2
sudo mount /dev/sdf drive2
sudo mount -t reiserfs /dev/sdf drive2
sudo mount -t reiserfs /dev/sdf1 drive2
df
df -h
cd drive2
ls
ls -a
mkdir pdfs
sudo mkdir pdfs
sudo chown ghost pdfs
```

```
cd /vol
ls -l
cd ..
ls -l
rm vol
sudo rm vol
sudo ln -s /media/drive2 vol
screen -r
screen -x
ping www.google.com
/sbin/ifconfig -a
/sbin/ifconfig -a | less
dhclient
sudo dhclient
sudo ifdown eth0:1
ping www.google.com
/sbin/ifconfig -a
/sbin/ifconfig -a | less
ping 4.2.2.2
cat /etc/resolv
cat /etc/resolv.conf
ping 10.72.0.47\
ping 10.72.0.47
ping 4.2.2.2
sudo ifconfig down eth0:1
sudo ifconfig eth0:1 down
/sbin/ifconfig -a | less
sleep 600 && bell
bg
dhclient
sudo dhclient
df -h
sudo umount /dev/sdf1
fg
df
ps ax | grep dhcld
sudo kill 31696
/sbin/ifconfig -a | less
screen -x
gnome-screensaver
gnome-screensaver-command --lock
gnome-lock-screen
gnome-screensaver-lock
xscreensaver -lock
gnome-screensaver-command --lock
ghome-screensaver
screen -x
df
cd /media/
ls
mount /dev/sdg1 3aab9fe1-9c54-43b1-9374-72722d78d3e0/
sudo mount /dev/sdg1 3aab9fe1-9c54-43b1-9374-72722d78d3e0/
```

```

df
sudo mount /dev/sdh1 3aab9fe1-9c54-43b1-9374-72722d78d3e0/
ls
/sbin/ifconfig -a
sudo ifconfig mac 91:4c:e5:a0:c7:55
ls
/sbin/ifconfig -a > mac
sudo ifconfig mac 91:4c:e5:a0:c7:55
fg
sudo ifconfig eth0 mac 91:4c:e5:a0:c7:55
man ifconfig
sudo ifconfig eth0 hw ether 91:4c:e5:a0:c7:55
/sbin/ifconfig -a | grep ether
/sbin/ifconfig eth0
sudo ifconfig eth0 hw ether 00:4c:e5:a0:c7:55
sudo ifdown eth0
sudo ifconfig eth0 hw ether 00:4c:e5:a0:c7:55
sudo ifconfig eth0 down
sudo ifconfig eth0 hw ether 00:4c:e5:a0:c7:55
sudo ifconfig eth0 up
dhclient
sudo dh
sudo dhclient
sudo dhclient -r
cd /mnt/
ls
df
cd /media/bce820ea-a03b-4556-bfa6-eff2d9eb665e/
ls
ls -l /
ln -s /media/bce820ea-a03b-4556-bfa6-eff2d9eb665e/ /vol
SUDO ln -s /media/bce820ea-a03b-4556-bfa6-eff2d9eb665e/ /vol
sudo ln -s /media/bce820ea-a03b-4556-bfa6-eff2d9eb665e/ /vol
cd /vol
ls
df
ifconfig
sudo dhclient -r
sudo dhclient
ls
cd
ls
screen -r
ls blocks | wc -l
screen
screen -r
screen -x
wc -l urlstgrab.wget
df -h | media
df -h | grep media
wc -l urlstgrab.wget
df -h | grep media

```



```
df -h | grep media
ls blocks/|wc -l
df -h | grep media
ls blocks/|wc -l
df -h | grep media
ping google.com
/sbin/ifconfig -a
/sbin/ifconfig -a | less
df
umount /media/drive
cd /media/drive/
ls
df -h
ls
sudo umount /dev/sde1
sudo umount -f /dev/sde1
df
/sbin/ifconfig -a | less
df -h | grep drive2
ls blocks/|wc -l
cd
ls blocks/|wc -l
df -h | grep drive2
/sbin/ifconfig -a
ifconfig eth0:1 static 18.55.7.241
sudo ifconfig eth0:1 static 18.55.7.241
/sbin/ifconfig -a
curl --interface eth0:1 www.jstor.org
curl --interface eth0 www.jstor.org
sudo ifconfig eth0:1 static 18.55.6.241
curl --interface eth0 www.jstor.org
curl --interface eth0:1 www.jstor.org
sudo ifconfig eth0:1 static 18.55.5.241
curl --interface eth0:1 www.jstor.org
sudo ifconfig eth0:1 static 18.55.4.241
curl --interface eth0:1 www.jstor.org
/sbin/ifconfig -a
sudo ifconfig eth0:1 static 18.54.4.241
curl --interface eth0:1 www.jstor.org
sudo ifconfig eth0:1 static 18.54.5.241
sudo ifconfig eth0:1 static 18.55.5.241
sudo ifconfig eth0:1 up static 18.55.5.241
ls blocks/|wc -l
ping 4.2.2.2
cd vol
cd /vol
~/keepgrabbing.py
fg
cd ..
ls vol
ls -l vol
rm vol
```



```
sudo rm vol
sudo ln -s /media/drive /vol
cd /vol
~/keepgrabbing.py
a
~/keepgrabbing.py
cd ..
cd vol
~/keepgrabbing.py
cd
ls
mkdir tomove
cd tomove
mkdir pdfs
~/keepgrabbing.py
emacs ../keepgrabbing.py
~/keepgrabbing.py
sudo rm /vol
sudo ln -s /media/3aab9fe1-9c54-43b1-9374-72722d78d3e0/ /vol
cd /vol
~/keepgrabbing.py
fg
ls
cd ../vol
~/keepgrabbing.py
links www.jstor.org
dhclient
/sbin/ifconfig -a
ifconfig up eth0:1 18.55.6.251
ifconfig --help | less[A
ifconfig --help
ifconfig eth0:1 up static 18.55.6.251
sudo ifconfig eth0:1 up static 18.55.6.251
sudo ifconfig eth0:1 up static 18.55.6.252
/sbin/ifconfig -a
ping --help | less
ping -I eth0:1 www.google.com
/sbin/ifconfig -a
/sbin/ifconfig -a | less
sudo ifconfig eth0:1 up static 18.55.6.241
/sbin/ifconfig -a
ping -I eth0:1 www.google.com
ping -I 18.55.6.241 www.google.com
curl --interface eth0:1 www.google.com
curl --interface eth0:1 www.jstor.org
curl --help | less
/sbin/ifconfig -a
sudo ifconfig eth0:1 up static 18.55.6.252
curl --interface eth0:1 www.jstor.org
sudo ifconfig eth0:1 up static 18.55.7.240
curl --interface eth0:1 www.jstor.org
curl --interface eth0:1 www.jstor.org/x
```

```

ls
emacs keepgrabbing.py
cd tomove/pdfs/
ls | wc -l
mv * /vol/pdfs
ls
cd ..
ls
mkdir uml
cd uml
curl -o 0.html "proquest.umi.com/pqdweb?RQT=305&SQ=PMID(66569)&PageSize=50"
curl -o 0.html "proquest.umi.com/pqdweb?RQT=305&SQ=PMID(66569)&PageSize=50&cfc=1"
more 0.html
curl -i proquest.umi.com/pqdweb?RQT=305&SQ=PMID(66569)&PageSize=50
curl -i "proquest.umi.com/pqdweb?RQT=305&SQ=PMID(66569)&PageSize=50"
curl -H "Cookie: JSESSIONID=f4zWwqzMRSha" -o 0.html
"proquest.umi.com/pqdweb?RQT=305&SQ=PMID(66569)&PageSize=50"
more 0.html
curl -H "Cookie: JSESSIONID=f4zWwqzMRSha" -o 50.html
"proquest.umi.com/pqdweb?RQT=305&SQ=PMID(66569)&PageSize=50&firstIndex=50"
diff -u 0.html 50.html
macs curlcommands.py
emacs curlcommands.py
python curcicommands.py
python curlcommands.py
more curlcommands.sh
rm curlcommands.py
emacs curlcommands.py
python curlcommands.py
more curlcommands.sh
bash curlcommands.sh
more 1100
more 1100.html
lynx -dump 1100.html
links 1100.html
python
cat > saneurl.py
fg
ls /media
fg
mkdir /media/drive/uml
fg
curl -i http://proquest.umi.com/pqdweb
fg
ls /media/drive/uml
more /media/drive/2073772711.pdf
more /media/drive/uml/2073772711.pdf
more /media/drive/uml/2073772711.html
more /media/drive/uml/2073772711.pdf
fg
cd /vol
~/keepgrabbing.py

```

```
cd ..
cd vol
~/keepgrabbing.py
fg
~/keepgrabbing.py
cd ..
cd vol
ls
~/keepgrabbing.py
ls
df -h
pwd
cd ..
cd vol
~/keepgrabbing.py
cd ../vol
ls
~/keepgrabbing.py
cd /media
ls
cd 3aab9fe1-9c54-43b1-9374-72722d78d3e0/
ls
df -h
sudo shutdown now
cd /media/de
cd /media/drive/
mkdir jsindex
sudo mkdir jsindex
sudo chown ghost jsindex
cd jsindex
python
ls
fg
more 2010/0800.html
cd 1989
ls
cd /vol/
ls
cd jsindex/1989
ls
ls -l | less
ls -l | tail
cd ../1990
ls -l | less
python
python /usr/bin/easy_install
sudo easy_install --install-dir /usr/lib/python2.6/ pyoai
PYTHONPATH=/usr/lib/python2.6 sudo easy_install --install-dir /usr/lib/python2.6/ pyoai
sudo easy_install --install-dir /usr/lib/python2.6/site-packages/ pyoai
sudo PYTHONPATH=/usr/lib/python2.6/site-packages easy_install --install-dir /usr/lib/python2.6/site-packages/ pyoai
cd /usr/local/lib/python2.6/
ls -a
```

```
cd dist-packages/  
ls -a  
rm *  
sudo rm *  
sudo rm -rf *  
sudo easy_install pyoai  
python  
ls  
python  
cd  
ls blocks/ | wc -l  
fg  
ps ax | grep keep  
ps ax | grep ser  
fg %1  
fg 0  
fg  
kill 2137  
kill 2138  
ps ax | grep keep  
python serveblocks.py 8092  
fg  
python serveblocks.py 8092  
emacs serveblocks.py  
python serveblocks.py 8092  
emacs serveblocks.py  
python serveblocks.py 8092  
emacs serveblocks.py  
python serveblocks.py 8092  
emacs serveblocks.py  
python serveblocks.py 8092  
emacs serveblocks.py  
python serveblocks.py 8092  
kill %1  
fg  
python serveblocks.py 8092  
kill %1  
fg  
python serveblocks.py 8092  
kill %1  
fg  
python serveblocks.py 8092  
kill %1  
fg  
python serveblocks.py 8092  
kill %1  
fg  
python serveblocks.py 8092  
kill %1  
fg  
emacs serveblocks.py  
python serveblocks.py 8092  
cd /media/drive/
```

```

~/keepgrabbing.py
df -h
df -h|grep sdd; date
du -hsc /vol/*
dm /vol/urlistograb2.wget
rm /vol/urlistograb2.wget
du -hsc /vol/*
bwm-ng
du -hsc /vol/*
df -h
df -h|grep media
ls blocks|wc -l
ls
emacs oaigrab.py
python -i oaigrab.py
emacs oaigrab.py
python -i oaigrab.py
emacs oaigrab.py
mkdir muse
mv urlistograb* muse
python oaigrab.py | tee urlistograb.wget
wc -l urlistograb.wget
emacs oaigrab.py
python -i oaigrab.py | tee urlistograb.wget
emacs oaigrab.py
python -i oaigrab.py | tee urlistograb.wget
ls
emacs oaigrab.py
fg
emacs oaigrab.py
python -i oaigrab.py | tee urlistograb2.wget
fg
cd /vol
wget -x -nv -nc -i ~/urlistograb.wget
more analysis.oxfordjournals.org/content/35/3/97.full.pdf
wget -x -nv -nc -i ~/urlistograb.wget
mkdir sd
cd sd
wget -m -np "http://www.sciencedirect.com/science/page/sitemap/index.html"
wget --header="User-Agent: WL/6" -m -np "http://www.sciencedirect.com/science/page/sitemap/index.html"
wget --header="User-Agent: WL/6" -m -np "http://www.sciencedirect.com/science/page/sitemap/index.html"
wget -e robots=off --header="User-Agent: WL/6" -m -np
"http://www.sciencedirect.com/science/page/sitemap/index.html"
ls
cd www.sciencedirect.com/science/page/sitemap/publication/
ls
cd serial/
ls
cd journals/
ls
emacs ~/sls
chmod +x ~/sls

```

```
~/sls | less
~/sls . | less
more 17509467.html
ls 0242648X
ls 0242648X/24
ls 0242648X/24/3
more 0242648X/24/3/243.html
python
fg
mkdir /vol/sd/jo
fg
cd
fg
python
ls
cd umi
ls
python
fg
more keepgrabbing.py
cd /vol/
ls
mkdir pdfs
sudo mkdir pdfs
sudo chown ghost pdfs
cd pdfs/
~/keepgrabbing.py
cd ..
~/keepgrabbing.py
fg
~/keepgrabbing.py
dids
fg
python
pwd
ls
cd ~/umi
python
fg
python
ls 1000000.html
fg
more 128214.html
more 128213
less 128204.html
less /vol/umi/128204.html
links /vol/umi/128204.html
python
ls -lh
ls blocks | wc -l
python
ls *dbm
```

```
fg
ls
more deleteandgrab
split -a 5 -l 1000 deleteandgrab blocks/regrabc
ls blocks/ | wc -l
cd blocks/
ls | less
ls | tail
cd ..
fg
ls /mnt
df
ls /media/drive
fg
links http://caliber.ucpress.net/doi/pdf/10.1525/as.2010.50.5.835
ls
rm p1-salmela.pdf
curl "http://portal.acm.org/ft_gateway.cfm?id=1187439&type=pdf&CFID=15902&CFTOKEN=55059171"
curl -i "http://portal.acm.org/ft_gateway.cfm?id=1187439&type=pdf&CFID=15902&CFTOKEN=55059171"
curl -i "http://portal.acm.org/ft_gateway.cfm?id=1187439&type=pdf"
curl -i "http://portal.acm.org/ft_gateway.cfm?id=1187439&type=pdf" | less
ls
more serveblocks.py
emacs serveblocks.py
more keepgrabbing.py
ls /vol
~/sls /vol umi > umi.sls
more umi.sls
~/sls /vol/umi > umi.sls
~/sls /vol/pdfs > pdfs3.sls
ls -lR /vol > js3.lslR
more js3.lslR
ls -lR /vol/ > js3.lslR
more js3.lslR
wc -l js3.lslR
echo -n me@aaronsw.com | md5sum
df
ps ax
df
mount /dev/sdc/vol
cd /vol
ls
cd /media/
ls
ls -l
rm drive
sudo rm drive
sudo mkdir drive
sudo mount /dev/sde drive
sudo mount /dev/sde1 drive
cd drive
ls
```

```
df
fd -h
df -h
mkdir pdfs
sudo mkdir pdfs
sudo chown ghost pdfs
ls
~/keepgrabbing.py
cd /media/drive/pdfs
more 3590725.pdf
less 3697690.pdf
less 30072010.pdf
less 60244678.pdf
less 3523970.pdf
less 3548593.pdf
less 3523645.pdf
less 3813153.pdf
less 3838338.pdf
less 3279339.pdf
less 1888323.pdf
less 688560.pdf
less "234,.pdf"
less 742572.pdf
less 30058803.pdf
less 2023815.pdf
more 2023815.pdf
cd
~/keepgrabbing.py
fg
ls
cd pdfs
ls
df -h
cd /vol/
~/keepgrabbing.py
cd ..
cd vol
~/keepgrabbing.py
```

(b)(6),(b)(7)(C)

U.S. Secret Service  
Boston Field Office

(b)(6),(b)(7)(C)

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(b)(6),(b)(7)(C) (CID)

**From:** (b)(6),(b)(7)(C) (BOS)  
**Sent:** Tuesday, May 03, 2011 2:08 PM  
**To:** (b)(6),(b)(7)(C) (CID); (b)(6),(b)(7)(C) (b)(6),(b)(7)(C) cert.org  
**Subject:** RE: CID/CERT: Feedback from MIT case

Was a report ever finalized for the Swartz exam?

(b)(6),(b)(7)(C)  
U.S. Secret Service  
Boston Field Office  
(b)(6),(b)(7)(C)

**From:** (b)(6),(b)(7)(C) (CID)  
**Sent:** Wednesday, March 16, 2011 1:30 PM  
**To:** (b)(6),(b)(7)(C) (BOS)  
**Subject:** Re: CID/CERT: Feedback from MIT case

Sounds good.  
(b)(6),(b)(7)(C)  
Special Agent  
U.S. Secret Service  
(b)(6),(b)(7)(C) (Desk)  
(b)(6),(b)(7)(C) (Mobile)  
412-268-5228 (Fax)

**From:** (b)(6),(b)(7)(C) (BOS)  
**To:** (b)(6),(b)(7)(C) (CID)  
**Sent:** Wed Mar 16 13:28:51 2011  
**Subject:** Fw: CID/CERT: Feedback from MIT case

No 6E letter is necessary

(b)(6),(b)(7)(C)

Sent from BlackBerry

**From:** Heymann, Stephen (USAMA) (b)(6),(b)(7)(C) usdoj.gov>  
**To:** (b)(6),(b)(7)(C) (BOS)  
**Sent:** Wed Mar 16 13:25:45 2011  
**Subject:** RE: CID/CERT: Feedback from MIT case

per EOUSA

(b)(3):Rule 6E,(b)(5)

**From:** (b)(6),(b)(7)(C) (BOS) [mailto:(b)(6),(b)(7)(C) usss.dhs.gov]  
**Sent:** Wednesday, March 16, 2011 1:13 PM  
**To:** Heymann, Stephen (USAMA)  
**Subject:** Fw: CID/CERT: Feedback from MIT case

(b)(6),(b)(7)(C) (CID)

**From:** (b)(6),(b)(7)(C) (BOS)  
**Sent:** Tuesday, Mar 13, 2011 2:08 PM  
**To:** (b)(6),(b)(7)(C) (CID)  
**Subject:** RE: CID/CERT: Feedback from MIT case

(b)(6),(b)(7)(C)  
U.S. Secret Service  
Boston Field Office  
(b)(6),(b)(7)(C)

**From:** (b)(6),(b)(7)(C) (CID)  
**Sent:** Wednesday, March 16, 2011 1:30 PM  
**To:** (b)(6),(b)(7)(C) (BOS)  
**Subject:** Re: CID/CERT: Feedback from MIT case

Sounds good  
(b)(6),(b)(7)(C)  
Special Agent  
U.S. Secret Service  
(b)(6),(b)(7)(C) (Desk)  
(b)(6),(b)(7)(C) (Mobile)  
412-268-6226 (Fax)

**From:** (b)(6),(b)(7)(C) (BOS)  
**To:** (b)(6),(b)(7)(C) (CID)  
**Sent:** Wed Mar 16 13:28:51 2011  
**Subject:** Fw: CID/CERT: Feedback from MIT case

No 6E letter is necessary

(b)(6),(b)(7)(C)

Sent from Blackberry

**From:** Heymann, Stephen (USAMA) (b)(6),(b)(7)(C) <usdoj.gov>  
**To:** (b)(6),(b)(7)(C) (BOS)  
**Sent:** Wed Mar 16 13:25:45 2011  
**Subject:** RE: CID/CERT: Feedback from MIT case

(b)(3);Rule 6E,(b)(5)

**From:** (b)(6),(b)(7)(C) (BOS) [mailto:(b)(6),(b)(7)(C)@ussc.dhs.gov]  
**Sent:** Wednesday, March 16, 2011 1:13 PM  
**To:** Heymann, Stephen (USAMA)  
**Subject:** Fw: CID/CERT: Feedback from MIT case

From: Heymann, Stephen (USAMA (b)(6),(b)(7)(C) [redacted] usdoj.gov>

To: (b)(6),(b)(7)(C) [redacted] (BOS)

Sent: Wed Mar 16 13:25:45 2011

Subject: RE: CID/CERT: Feedback from MIT case

Per EOLISA

(b)(3):Rule 6E,(b)(5)

From: (b)(6),(b)(7)(C) [redacted] (BOS) [mailto:(b)(6),(b)(7)(C) [redacted] usss.dhs.gov]

Sent: Wednesday, March 16, 2011 1:13 PM

To: Heymann, Stephen (USAMA)

Subject: Fw: CID/CERT: Feedback from MIT case

Question from CERT

(b)(6),(b)(7)(C) [redacted]

Sent from Blackberry

----- Original Message -----

From: (b)(6),(b)(7)(C) [redacted] (CID)

To: (b)(6),(b)(7)(C) [redacted] (BOS)

Sent: Wed Mar 16 13:10:51 2011

Subject: CID/CERT: Feedback from MIT case

(b)(6),( [redacted])

The guys here have some a report for you. However, their supervisor needs to review it before it goes out.

Should we add him to the 6e?

His name is (b)(6),(b) [redacted] He is title is (b)(6),(b)(7)(C) [redacted] Digital Intelligence and Investigations Directorate. He has the same address as (b)(6),( [redacted]) and (b)(6) [redacted]

All he is doing is reviewing the report.

Thanks.

(b)(6),(b)(7)(C) [redacted]

Special Agent

U.S. Secret Service

(b)(6),(b)(7) [redacted] (Desk)

(C) [redacted] (Mobile)

412-268-5226 (Fax)

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(b)(6),(b)(7)(C) CID

From: (b)(6),(b)(7)(C)@cert.org  
Sent: Monday, July 11, 2011 1:10 PM  
To: (b)(6),(b)(7)(C) CID  
Cc: (b)(6),(b)(7)  
Subject: Re: Fw: Aaron Swartz

We can do 3:30pm today, (b)(6). Do you want us to reserve a conference bridge?  
If not, just give us the number to call.

Best,

(b)(6),(b)

On Monday, July 11, 2011 01:00:13 PM (b)(6),(b)(7) (CID) wrote:

> (b)(6),(b)(7) and (b)(6),(b)

>

> Are you guys available this afternoon? Are there any times that won't work?

>

>

>

> (b)(6),(b)(7)(C)

> Special Agent

> U.S. Secret Service

> (b)(6),(b)(7)(C) (Desk)

> (b)(6),(b)(7)(C) (Mobile)

> 412-268-5226 (Fax)

>

> From: Heymann, Stephen (USAMA) (b)(6),(b)(7)(C)@usdoj.gov

> To: (b)(6),(b)(7)(C) (CID)

> Cc: (b)(6),(b)(7)(C) (BOS); (b)(6),(b)(7)(C) (USAMA)

> (b)(6),(b)(7)(C)@usdoj.gov

> Sent: Mon Jul 11 12:57:51 2011

> Subject: Aaron Swartz

per EOUSA

>

> (b)(6),(b)(7)

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> (b)(5)

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- > copy it; notify the sender immediately and delete it. --



(b)(6),(b)(7)(C)

(CID)

From: (b)(6),(b)(7)(C)@cert.org]  
Sent: Friday, July 08, 2011 12:19 PM  
To: (b)(6),(b)(7)(C) (CID)  
Cc:  
Subject: Re: FW: Please confirm with Cert

(b)(6),

A couple of nit-picky items:

- Rather than say keepgrabbing2 was very similar to keepgrabbing, I would say it has "distinctive similarities".

- I would say: 'DynDNS is a service that permits tying a specific hostname (such as "ghost-macbook.dyndns-free.com") to a computer that could have a dynamic or changing IP address (such as a > home computer on Comcast's cable network).  
[The above states more flatly that DynDNS is a service and gives a more accurate example of a valid hostname.]

Best,

(b)(6),(b)(7)(C)

On Friday, July 08, 2011 11:26:43 AM (b)(6),(b)(7) (CID) wrote:

> (b)(6),(b) and (b)(6),(

>  
> Could you take a look at this and provide some feedback?

>  
> (b)(6),(b)(7)(C)

> Special Agent  
> U.S. Secret Service  
> (b)(6),(b)(7)(C) (desk)  
> (mobile)  
> 412-268-5226 (fax)

>  
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> notify me immediately by replying to this e-mail and delete all copies  
> of this message and all attachments.

>  
>  
> From: (b)(6),(b)(7)(C) (BOS)  
> Sent: Fri 7/8/2011 11:11 AM  
> To: (b)(6),(b)(7)(C) (CID)  
> Subject: FW: Please confirm with Cert

>  
> Please see below: We are preparing to take the Swartz case to indictment  
> and Heymann wants to double check that everything is exactly accurate.  
> Do you agree with the paragraphs below?

> (b)(6),(b)(7)(C)  
> U.S. Secret Service

> Boston Field Office

> (b)(6),(b)(7)(C)

> From: Heymann, Stephen (USAMA) [mailto:(b)(6),(b)(7)(C)@usdoj.gov]  
> Sent: Friday, July 08, 2011 10:50 AM  
> To: (b)(6),(b)(7)(C) (BOS)  
> Subject: Please confirm with Cert

> Please confirm with Cert, today if at all possible, that our summary  
> of the facts in these two paragraphs are an accurate summary of their  
> preliminary findings. Thank you.

> From: Heymann, Stephen (USAMA)  
> Sent: Friday, July 08, 2011 10:19 AM  
> To: (b)(6),(b)(7)(C)@usss.dhs.gov'  
> Subject: Please pull the forensic reports that reflect these facts

> 26. On February 24, 2011, the Court issued warrants to search  
> the Acer laptop, Western Digital hard drive and the HP USB drive. As a  
> result of these searches, I am aware that the MAC address assigned by  
> the manufacturer to the ethernet interface card on the seized Acer  
> laptop is 00:23:5a:73:5f:fb, the same as the "ghost laptop" which  
> connected to the MIT network in September, 2010. On the Acer laptop  
> was a software application entitled "keepgrabbing.py", which was  
> designed to download .pdf files from jstor.org.11 In addition to  
> those described in footnote \_\_\_\_, above, JSTOR's terms and conditions  
> of use explicitly prohibit users from attempting to circumvent  
> software protections employed in the JSTOR platform. The  
> implementation of keepgrabbing.py was designed to avoid JSTOR's  
> efforts to spot and prevent serial downloads of the size here. The  
> application would download the .pdf files from JSTOR to a file  
> directory named "pdfs". The USB Drive found in Swartz's backpack  
> contained a file "keepgrabbing2.py", with a script very similar to  
> that contained in the Acer laptop. The Western Digital hard drive,  
> which was recovered with the Acer laptop, had Aaron Swartz's  
> fingerprint on it. The drive contained a folder named "pdfs" which contained an estimated  
> over 97,000 .pdf files. A spot check of approximately a dozen of those files reflected that  
> each was

> a JSTOR digitized journal article. 27. A logging file on the Acer  
> laptop, known as the .bash\_history file, showed an attempt to submit a  
> computer or user name "Grace Host" and e-mail address  
> ghost42@mailinator.com to the registration form at  
> 10.72.0.47:444/bin/dynreg. This network address was associated with  
> guest registration on the MIT network before the laptop's seizure in  
> January, 2011. The .bash\_history file also reflects that on an  
> unknown date the contents of the "pdfs/" directory was copied to a folder named "/vol/pdfs"  
> on another computer accessed through the DynDNS registered record22  
> DynDNS is a method of tying a specific hostname (such as "ghost  
> macbook") to a computer that could have a dynamic or changing IP  
> address (such as a home computer on Comcast's cable network). for "ghost macbook.



(b)(6),(b)(7)(C) (CID)

**From:** Heymann, Stephen (USAMA) (b)(6),(b)(7)(C)@usdoj.gov  
**Sent:** Friday, July 08, 2011 1:23 PM  
**To:** (b)(6),(b)(7)(C)@BOS; (b)(6),(b)(7)(C) (CID)  
**Cc:** (b)(6),(b)(7)(C)@cambridgepolice.org; (b)(6),(b)(7)(C) (USAMA)  
**Subject:** RE: FW: Please confirm with Cert

Thank you, Steve

-----Original Message-----

**From:** (b)(6),(b)(7)(C) (BOS) [mailto:(b)(6),(b)(7)(C)@uss.s.dhs.gov]  
**Sent:** Friday, July 08, 2011 1:06 PM  
**To:** Heymann, Stephen (USAMA); (b)(6),(b)(7)(C) (USAMA); (b)(6),(b)@cambridgepolice.org  
**Subject:** FW: FW: Please confirm with Cert

Please see Below:

A couple of nit-picky items:

(b)(5)

(b)(6),(b)(7)(C)  
U.S. Secret Service  
Boston Field Office  
(b)(6),(b)(7)(C)

-----Original Message-----

**From:** (b)(6),(b)(7)(C) (CID)  
**Sent:** Friday, July 08, 2011 12:22 PM  
**To:** (b)(6),(b)(7)(C) (BOS)  
**Subject:** FW: FW: Please confirm with Cert

CERT's response.

(b)(6),(b)(7)(C)  
Special Agent  
U.S. Secret Service  
(b)(6),(b)(7)(C) (Desk)  
(b)(6),(b)(7)(C) (Mobile)  
412-268-5226 (Fax)

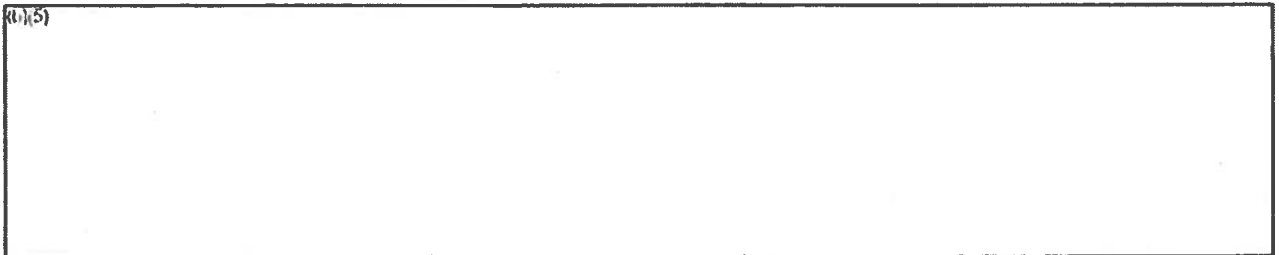
----- Original Message -----

**From:** (b)(6),(b)(7)(C)@cert.org  
**To:** (b)(6),(b)(7)(C) (CID)  
**Cc:** (b)(6),(b)(7)(C)@cert.org  
**Sent:** Fri Jul 08 12:19:10 2011  
**Subject:** Re: FW: Please confirm with Cert

(b)(6),(

A couple of nit-picky items:

(b)(5)



Best,

(b)(6).(b)(7)(

On Friday, July 08, 2011 11:26:43 AM (b)(6).(b)(7)( (CID) wrote:

> (b)(6).(b) and (b)(6).(b)

>

> Could you take a look at this and provide some feedback?

>

> (b)(6).(b)(7)(C)

> Special Agent

> U.S. Secret Service

> (b)(6).(b)(7)(C) (desk)

> (b)(6).(b)(7)(C) (mobile)

> 412-268-5226 (fax)

>

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> of this message and all attachments.

>

>

> From: (b)(6).(b)(7)(C) (BOS)

> Sent: Fri 7/8/2011 11:11 AM

> To: (b)(6).(b)(7)(C) (CID)

> Subject: FW: Please confirm with Cert

>

> Please see below: We are preparing to take the Swartz case to indictment  
> and Heymann wants to double check that everything is exactly accurate.

> Do you agree with the paragraphs below?

> (b)(6).(b)(7)(C)

> U.S. Secret Service

> Boston Field Office

> (b)(6).(b)(7)(C)

>

> From: Heymann, Stephen (USAMA) [mailto:(b)(6).(b)(7)(C)@usdoj.gov]

> Sent: Friday, July 08, 2011 10:50 AM

> To: (b)(6).(b)(7)(C) (BOS)

> Subject: Please confirm with Cert

>

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> of the facts in these two paragraphs are an accurate summary of their  
> preliminary findings. Thank you.

>  
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> Subject: Please pull the forensic reports that reflect these facts

>  
>  
> 26. On February 24, 2011, the Court issued warrants to search  
> the Acer laptop, Western Digital hard drive and the HP USB drive. As a  
> result of these searches, I am aware that the MAC address assigned by  
> the manufacturer to the ethernet interface card on the seized Acer  
> laptop is 00:23:5a:73:5f:fb, the same as the "ghost laptop" which  
> connected to the MIT network in September, 2010. On the Acer laptop  
> was a software application entitled "keepgrabbing.py", which was  
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> implementation of keepgrabbing.py was designed to avoid JSTOR's  
> efforts to spot and prevent serial downloads of the size here. The  
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> which was recovered with the Acer laptop, had Aaron Swartz's  
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> 10.72.0.47:444/bin/dynreg. This network address was associated with  
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> macbook") to a computer that could have a dynamic or changing IP  
> address (such as a home computer on Comcast's cable network). for "ghost macbook.

(b)(6),(b)(7)(C) CID)

**From:** Heymann, Stephen (USAMA) (b)(6),(b)(7)(C) [usdoj.gov]  
**Sent:** Tuesday, September 13, 2011 7:37 AM  
**To:** (b)(6),(b)(7)(C) (BOS)  
**Cc:** (b)(6),(b)(7)(C) (CID)  
**Subject:** RE: JSTOR logs and filesystem records

(b)(6),(b)(7)(C), thank you, this is super.

(b)(6) can you get the Samsung 332 data to them in the requested format? Or, if that was the problematic drive, work with them to get the data extracted in that format?

sph

-----Original Message-----

**From:** (b)(6),(b)(7)(C) [mailto:(b)(6),(b)(7)(C)@cert.org]  
**Sent:** Monday, September 12, 2011 5:48 PM  
**To:** Heymann, Stephen (USAMA); (b)(6),(b)(7)(C) (BOS)  
**Cc:** (b)(6),(b)(7)(C) (CID)  
**Subject:** JSTOR logs and filesystem records

Stephen and (b)(6),

We have taken a look at the filesystem metadata and the transfer logs provided by JSTOR, and it looks like we should be able to correlate filenames and timestamps (assuming no problematic clock drift issues) quite easily. The log data provided doesn't include a file size, but that may not be necessary given the other fields we can match.

We are working up a quick program to process the two list formats and perform comparisons for various criteria, as we discussed. We should be able to wrap that up within a couple of days.

I do have one request: For three of the four storage devices covered in the material sent to us, there exists a simple plain-text list of all the pdf files on the device and their associated timestamps. These lists are what we have written an ingestion processor for. However, for the Samsung-332 we only have a rather unwieldy HTML listing of all the files on the device. Would it be hard to locate a pdf-only listing in the same format as the others and send it to us? The lists compress very well.

Still, if it is too big for email, you could send it to the CERT secure FTP dropbox. (I think (b)(5),(b)(7) has a handy use guide to this, if required.)

Best,

(b)(6),(b)(7)

(b)(6),(b)(7)(C) CID

From: (b)(6),(b)(7)(C) BOS  
Sent: Tuesday, September 13, 2011 8:32 AM  
To: 'Heymann, Stephen (USAMA)' (b)(6),(b)(7)(C)  
Cc: (b)(6),(b)(7)(C) CID  
Subject: RE: JSTOR logs and filesystem records

332 was the drive in which EnCase saw the PDFs as orphaned files but FTK was able to see recovered them. I will see if there is an better way to extract the data.

(b)(6),(b)(7)(C)  
U.S. Secret Service  
Boston Field Office  
(b)(6),(b)(7)(C)

-----Original Message-----

From: Heymann, Stephen (USAMA) [mailto:(b)(6),(b)(7)(C)@sdoj.gov]  
Sent: Tuesday, September 13, 2011 7:37 AM  
To: (b)(6),(b)(7)(C) (BOS)  
Cc: (b)(6),(b)(7)(C) (CID)  
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I do have one request: For three of the four storage devices covered in the material sent to us, there exists a simple plain-text list of all the pdf files on the device and their associated timestamps. These lists are what we have written an ingestion processor for. However, for the Samsung-332 we only have a rather unwieldy HTML listing of all the files on the device. Would it be hard to locate a pdf-only listing in the same format as the others and send it to us? The lists compress very well.

Still, if it is too big for email, you could send it to the CERT secure FTP dropbox. (I think (b)(5) has a handy use guide to this, if required.)



Please confirm with Cert, today if at all possible, that our summary of the facts in these two paragraphs are an accurate summary of their preliminary findings. Thank you.

---

**From:** Heymann, Stephen (USAMA)  
**Sent:** Friday, July 08, 2011 10:19 AM  
**To:** (b)(6),(b)(7)(C) usss.dhs.gov'  
**Subject:** Please pull the forensic reports that reflect these facts

26. On February 24, 2011, the Court issued warrants to search the Acer laptop, Western Digital hard drive and the HP USB drive. As a result of these searches, I am aware that the MAC address assigned by the manufacturer to the ethernet interface card on the seized Acer laptop is 00:23:5a:73:5f:fb, the same as the "ghost laptop" which connected to the MIT network in September, 2010. On the Acer laptop was a software application entitled "keepgrabbing.py", which was designed to download .pdf files from [jstor.org](http://jstor.org)." In addition to those described in footnote \_\_\_\_, above, JSTOR's terms and conditions of use explicitly prohibit users from attempting to circumvent software protections employed in the JSTOR platform. The implementation of keepgrabbing.py was designed to avoid JSTOR's efforts to spot and prevent serial downloads of the size here. The application would download the .pdf files from JSTOR to a file directory named "pdfs". The USB Drive found in Swartz's backpack contained a file "keepgrabbing2.py", with a script very similar to that contained in the Acer laptop. The Western Digital hard drive, which was recovered with the Acer laptop, had Aaron Swartz's fingerprint on it. The drive contained a folder named "pdfs" which contained an estimated over 97,000 .pdf files. A spot check of approximately a dozen of those files reflected that each was a JSTOR digitized journal article.

27. A logging file on the Acer laptop, known as the .bash\_history file, showed an attempt to submit a computer or user name "Grace Host" and e-mail address [ghost42@mailinator.com](mailto:ghost42@mailinator.com) to the registration form at 10.72.0.47:444/bin/dynreg. This network address was associated with guest registration on the MIT network before the laptop's seizure in January, 2011. The .bash\_history file also reflects that on an unknown date the contents of the "pdfs/" directory was copied to a folder named "/vol/pdf" on another computer accessed through the DynDNS registered record" DynDNS is a method of tying a specific hostname (such as "ghost macbook") to a computer that could have a dynamic or changing IP address (such as a home computer on Comcast's cable network). for "ghost macbook.

(b)(6),(b)(7)(C) (CID)

**From:** (b)(6),(b)(7)(C),Per U (BOS)  
**Sent:** Tuesday, May 10, 2011 3:25 PM  
**To:** 'Heymann, Stephen (USAMA)'  
**Cc:** (b)(6),(b)(7)(C),Per U (BOS); ambridgepolice.org (b)(6),(b)(7)(C),Per USSS (CID) Per EOUSA  
**Subject:** RE: Potential Additional Paragraphs for the Seizure Warrant Affidavit

(b)(5)



Per  
EOUSA

(b)(5)

I emailed b6 b7C and b6 b7C to confirm this

(b)(6),(b)(7)(C)

U.S. Secret Service  
Boston Field Office

(b)(6),(b)(7)(C)

**From:** Heymann, Stephen (USAMA) [mailto:(b)(6),(b)(7)(C)@usdoj.gov]

**Sent:** Tuesday, May 10, 2011 8:14 AM

**To:** (b)(6),(b)(7)(C) (BOS)

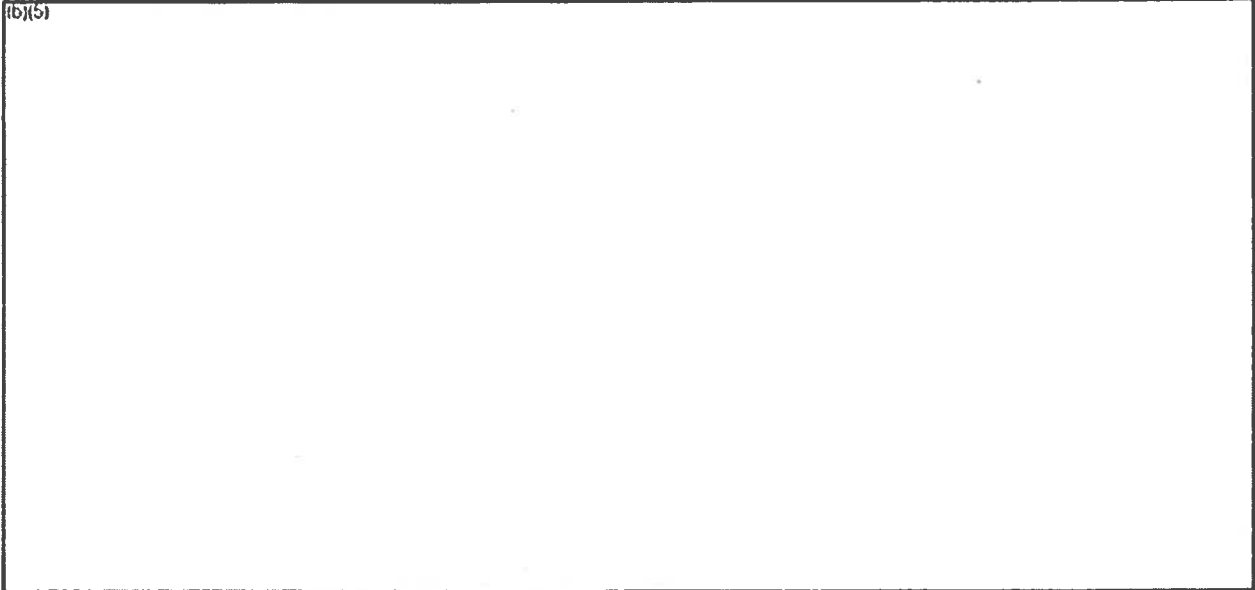
**Cc:** (b)(6),(b)(7)(C)@cambridgepolice.org

**Subject:** Potential Additional Paragraphs for the Seizure Warrant Affidavit

Per  
EOUSA

Please confirm the following today, contacting CERT and MIT as necessary. These are the facts, as I presently understand them. If any of them should be corrected or expanded, let me know.

(b)(5)



Thank you, Steve

(b)(6),(b)(7)(C)

(CID)

---

**From:** Heymann, Stephen (USAMA) (b)(6),(b)(7)(C) @usdoj.gov  
**Sent:** Monday, February 28, 2011 2:56 PM  
**To:** (b)(6),(b)(7)(C) (CID)  
**Subject:** RE: Read This One Instead

Thank you.

---

**From:** (b)(6),(b)(7)(C) (CID) [mailto:(b)(6),(b)(7)(C)@uss.s.dhs.gov]  
**Sent:** Monday, February 28, 2011 2:54 PM  
**To:** Heymann, Stephen (USAMA); (b)(6),(b)(7)(C) (BOS)  
**Cc:** (b)(6),(b)(7)(C) (cert.org); (b)(6),(b)(7)(C) (cert.org)  
**Subject:** Re: Read This One Instead

Stephen:

(b)(6),(b)(7)(C) and I have reviewed the memorandum. No issues from us.

(b)(6),(b)(7)(C)

Special Agent  
U.S. Secret Service  
(b)(6),(b)(7)(C) Desk  
(b)(6),(b)(7)(C) Mobile  
412-268-5228 (Fax)

---

**From:** Heymann, Stephen (USAMA) (b)(6),(b)(7)(C) @usdoj.gov  
**To:** (b)(6),(b)(7)(C) (CID); (b)(6),(b)(7)(C) (BOS)  
**Sent:** Sat Feb 26 07:27:45 2011  
**Subject:** Read This One Instead

<<JSTOR Memorandum in Support of 6e Disclosure.pdf>> Sorry, forgot to save to .pdf the final typographical corrections before I sent it to you two. sph

All e-mail to/from this account is subject to official review and is for official use only. Action may be taken in response to any inappropriate use of the Secret Service's e-mail system. This e-mail may contain information that is privileged, law enforcement sensitive, or subject to other disclosure limitations. Such information is loaned to you and should not be further disseminated without the permission of the Secret Service. If you have received this e-mail in error, do not keep, use, disclose, or copy it; notify the sender immediately and delete it.

(b)(6),(b)(7)(C) (CID)

**From:** Heymann, Stephen (USAMA) (b)(6),(b)(7)(C) [mailto:(b)(6),(b)(7)(C)@usdoj.gov]  
**Sent:** Friday, February 25, 2011 11:40 AM  
**To:** (b)(6),(b)(7)(C) (CID)  
**Subject:** RE: Secret Service - Background Information for (b)(6),(b)(7)(C)

Thank you.

**From:** (b)(6),(b)(7)(C) (CID) [mailto:(b)(6),(b)(7)(C)@uss.s.dhs.gov]  
**Sent:** Friday, February 25, 2011 11:34 AM  
**To:** Heymann, Stephen (USAMA)  
**Subject:** Re: Secret Service - Background Information for (b)(6),(b)(7)(C)

He has expertise in Windows, Linux, BSD, VMFS (VMware's file system), and OS X.

(b)(6),(b)(7)(C)  
Special Agent  
U. S. Secret Service  
(b)(6),(b)(7)(C) Desk  
(b)(6),(b)(7)(C) Mobile  
412-268-5226 (Fax)

**From:** Heymann, Stephen (USAMA) (b)(6),(b)(7)(C) [mailto:(b)(6),(b)(7)(C)@usdoj.gov]  
**To:** (b)(6),(b)(7)(C) (CID)  
**Sent:** Fri Feb 25 11:30:47 2011  
**Subject:** RE: Secret Service - Background Information for (b)(6),(b)(7)(C)

Does he also have expertise in Linux?

**From:** (b)(6),(b)(7)(C) (CID) [mailto:(b)(6),(b)(7)(C)@uss.s.dhs.gov]  
**Sent:** Friday, February 25, 2011 11:27 AM  
**To:** Heymann, Stephen (USAMA)  
**Cc:** (b)(6),(b)(7)(C)@cert.org  
**Subject:** Secret Service - Background Information for (b)(6),(b)(7)(C)

Stephen:

Please find the requested background information for (b)(6),(b)(7)(C) has handled Grand Jury information in other cases in other districts.

(b)(6),(b)(7) Member of the Technical Staff, CERT

(b)(6) is (b)(6),(b)(7)(C) working for CERT's Digital Intelligence and Investigation Directorate (DIID). With over five years experience in the field of Digital Forensics, (b)(6) has conducted forensic investigations in civil and criminal litigation in both the public and private sectors. As a member of the CERT Digital Intelligence and Investigation Directorate (DIID), (b)(6) assists CERT's law enforcement partners in a wide range of digital forensic investigations.

(b)(6) holds a number of industry certifications including the Certified Computer Examiner (CCE), EnCase Certified Examiner (EnCE), GIAC Certified Forensic Analyst (GCFA). (b)(6) is also a member of the International Society of Forensic Computer Examiners and the Association of Certified Fraud Examiners. (b)(6) obtained a Bachelor of Science degree from Utica College of Syracuse University in Economic Crime Investigation with a concentration in Computer Security.

(b)(6),(b)(7)(C)

Special Agent  
U.S. Secret Service  
(b)(6),(b)(7) Desk  
(C) Mobile)  
412-268-5226 (Fax)

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Special Agent

U.S. Secret Service

(b)(6),(b)(7)	Desk)
(C)	Mobile)

412-268-5226 (Fax)

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(b)(6),(b)(7)(C)

(ISD)

---

**From:** (b)(6),(b)(7)(C) (BOS)  
**Sent:** Thursday, May 12, 2011 9:40 AM  
**To:** (b)(6),(b)(7)(C) (ISD); External (b)(6),(b)(7)(C)@cambridgepolice.org  
**Subject:** Fw: First Thing Thursday Morning  
**Attachments:** Seizure Warrant Aff. Draft 5-11-10 updated.pdf

(b)(6),(b)(7)(C)

Sent from Blackberry

---

**From:** Heymann, Stephen (USAMA) (b)(6),(b)(7)(C)@usdoj.gov  
**To:** (b)(6),(b)(7)(C) (BOS)  
**Cc:** External (b)(6),(b)(7)(C)@cambridgepolice.org  
**Sent:** Wed May 11 16:59:15 2011  
**Subject:** First Thing Thursday Morning

<<Seizure Warrant Aff. Draft 5-11-10 updated.pdf>> This is an updated version of your proposed affidavit for the seizure warrant. First thing in the morning on Thursday (we want to get it before the judge as early in the day as possible);

Per EOUSA

(b)(5)

We will need you over in the afternoon to sign it before the judge.

Thanks you, Steve

(b)(6),(b)(7)(C)

ISD)

(b)(6),(b)(7)(C)

**From:** (b)(6),(b)(7)(C) (BOS)  
**Sent:** Wednesday, May 11, 2011 6:51 PM  
**To:** (b)(6),(b)(7)(C) (ISD)  
**Subject:** Fw: First Thing Thursday Morning  
**Attachments:** Seizure Warrant Aff. Draft 5-11-10 updated.pdf

Fyl. Call me on this when you get a chance. Thx.

---

**From:** (b)(6),(b)(7)(C) <cambridgepolice.org>  
**To:** (b)(6),(b)(7)(C) (BOS)  
**Sent:** Wed May 11 17:26:28 2011  
**Subject:** Fw: First Thing Thursday Morning

---

**From:** Heymann, Stephen (USAMA) (b)(6),(b)(7)(C) <usdoj.gov>  
**To:** (b)(6),(b)(7)(C) (BOS) (b)(6),(b)(7)(C) <ussc.dhs.gov>  
**Cc:** [Redacted]  
**Sent:** Wed May 11 16:59:15 2011  
**Subject:** First Thing Thursday Morning

<<Seizure Warrant Aff. Draft 5-11-10 updated.pdf>> This is an updated version of your proposed affidavit for the seizure warrant. First thing in the morning on Thursday (we want to get it before the judge as early in the day as possible):

Per EOUSA

(b)(6)

We will need you over in the afternoon to sign it before the judge.

Thanks you, Steve





M.I.T. POLICE  
CAMBRIDGE, MA

OFFICER REPORT

INCIDENT #	REPORT DATE	REPORT TYPE	OFFICER	RANK	REVIEW STATUS
11000351 / 5	01/06/2011 14:20:45	INVESTIGATIONS	(b)(6),(b)(7)(C)		APPROVED

Not For Public Release

Date/Time Printed: Fri Feb 25 14:22:01 EST 2011 By

(b)(6),(b)(7)(C)

OFFICER REPORT

As Of 01/19/2011 10:34:55

NARRATIVE

On 01/07/11 at about 14:30, I met with (b)(6),(b)(7)(C) at the station. (b)(6),(b)(7)(C) had contacted this department on 01/06/11 after hearing from other students about the events that took place in W20-557.

(b)(6),(b)(7)(C) stated that he entered the SIPS (Student Information Processing Board) office at W20-557 (84 Massachusetts Ave.) at about (b)(6),(b)(7)(C) on 01/06/11. He stated he sat to the left of the center table, and was alone in the room. He stated that around 13:30, he observed a white male enter. This individual asked to use a network drop. The (b)(6),(b)(7)(C) pointed out a network drop on the other side of the room. (b)(6),(b)(7)(C) stated the individual sat next to the sofa and glass message board, plugged in a white or gray netbook and external hard drive, and began to work on the computer. At about 13:50 (b)(6),(b)(7)(C) asked the individual if he needed anything, and told him that he would be leaving shortly, and needed to lock up. The individual then left the area, and (b)(6),(b)(7)(C) secured the office at about 14:00.

(b)(6),(b)(7)(C) described the individual as a college-age white male, thin, dark hair worn long and straggly, wearing a dark coat and knit cap. On 01/14/11, (b)(6),(b)(7)(C) was shown a photo array, and identified suspect Aaron Swartz as the individual he had seen on 01/06/11 (11000351-4).

**THE MIT POLICE**

PROPERTY RECEIPT

(b)(6),(b)(7)(C)

Received From: \_\_\_\_\_  
Date: 1/11/11

Description of Property: 1 - Bicycle

1 - Backpack

Value: \$     

Serial #:     

Check one:

Lost Property

Stolen Property

Storage

Other:

Where Recovered: \_\_\_\_\_

When: \_\_\_\_\_

Owners Name (Print): Adrian H Swartz

Owners Address \_\_\_\_\_

Owners Signature \_\_\_\_\_

(b)(6),(b)(7)(C)

Comments: Bicycle - Backpack returned

X \_\_\_\_\_  
(b)(6),(b)(7)(C)

**MIT**

Staple Found Card Here  
To Back of this Form

# Forensic Report

On 02/25/11, The Hitachi hard drive was removed from the Acer Aspire and attached to a Tableau TSu forensic bridge and imaged using FTK Imager. The image of the hard drive was later examined using FTK.

On 02/25/11, The Flash Drive marked as HP and SGB was attached to a Tableau TS Forensic USB Bridge and imaged using FTK Imager. The image of the flash drive was later examined using FTK and Encase.

On 02/25/11, The Western Digital hard drive was removed from the Rockefish Enclosure and attached to a Tableau TSes forensic bridge and imaged using FTK Imager. The image of the hard drive was later examined using FTK and Encase.

On 05/18/11, The Sony Micro Vault Tiny SGB Flash Drive was copied through a Tableau TS Forensic USB Bridge.

The results of analysis of images of hard drives by Access Data Forensic Tool Kit (FTK) will be contained in a folder marked as FTK Report. The folder will contain a version of the report in Adobe PDF format, Rich Text Format and HTML script. The HTML version may be viewed by clicking on the file "index.html".

The image of the Acer was also examined by (b)(6),(b)(7)(C) of the Computer Emergency Response Team at the Software Engineering Institute at Carnegie Mellon. (b)(6),(b)(7) provided detailed analysis of the .bash\_history file. The .bash\_history file records, per user, commands and keystrokes entered into the BASH shell terminal, which was the shell used on the Acer computer. The Analysis of the .bash\_history identified several significant commands such as commands that started the keepgrabbing.py python script, configured the static IP address, copied the contents of the 'pdfs/' directory to a folder named '/vol/pdfs' on another computer; retrieved the visited the MIT guest registration web page; submitted a computer or user name (Grace Host) and email address (ghost42@mailinator.com) to the MIT guest registration form; and changed the MAC address that would appear on the network. (b)(6),(b)(7) also provided detailed analysis of three python scripts found on the image of hard drive from the Acer. The python script keepgrabbing.py would download PDF files from the URL "http://www.jstor.org/stable/pdfplus/" (b)(6),(b)(7) detailed analysis is contained in the folder CERT Analysis in the folder Acer Aspire One on this report DVD.

The image of the Western Digital hard drive inside the enclosure was analyzed by FTK and Encase. The disk contained a directory "pdfs/". Inside the directory pdfs were 37592 files in Adobe Systems Portable Document Format (PDF). Examinations of a random sample of the files showed that the first page of the documents was a cover page from JSTOR.

The image of the flash drive marked HP and SGB was examined by Encase and FTK. The flash drive contained a file "keepgrabbing2.py" with script very similar to the script of keepgrabbing.py which was found on the Acer. The flash drive also contained a file "grablist.log". Examination of grablist.log showed a list of numbers in the same format as the titles of the pdf files found on the hard drive in the enclosure. The flash drive also had an ISO image of Ubuntu on it. An ISO image (International Organization for Standardization) is an archive file or disc image of an optical disc. The ISO image of Ubuntu could be used to install the Ubuntu operating system. The Acer Aspire is sold with Windows 7 starter operating system installed however when examined it had the Ubuntu operating system installed.

**BEST  
AVAILABLE COPY**

(b)(6),(b)(7)(C)

Special Agent  
J.S. Secret Service

# Memorandum of interview

U.S. Secret Service

Case # 102-775-60071-S

DATE AND TIME January 14, 2011

LOCATION 77 Massachusetts Avenue, Cambridge MA

SUBJECT INTERVIEWED (b)(6),(b)(7)(C)

IN ATTENDANCE SA (b)(6),(b)(7)(C) (BOS) (b)(6),(b)(7)(C) Cambridge Police (b)(6),(b)(7)(C) MIT Police

AUSA Stephen Heymann (b)(6),(b)(7)(C) MIT office of General Counsel

On 01/14/11, SA (b)(6),(b)(7)(C) Detective (b)(6),(b)(7)(C) AUSA Heymann and (b)(6),(b)(7)(C) counsel for MIT met at the MIT office of General Counsel with (b)(6),(b)(7)(C) and (b)(6),(b)(7)(C) for MIT Information Service and Technology (b)(6),(b)(7)(C) mit.edu (b)(6),(b)(7)(C)

(b)(6),(b)(7)(C). The following is a summary of her statements:

(b)(6),(b)(7)(C) informed the group that an examination of the DHCP logs during the time in September when JSTOR was reporting the excessive downloads show a computer registered as "ghost-laptop" with a MAC address of 00:23:5a:73:5f:fb and an email address of ghost@mailinator.com.

Detective (b)(6),(b)(7)(C) noted that all of the suspicious computer registrations on 09/24/10, 10/01/10, 10/08/10 and 12/24/10 occurred on Friday nights. (b)(6),(b)(7)(C) confirmed that foot traffic in the tunnel of building 16 would be light during those times.

(b)(6),(b)(7)(C) stated that on 10/01/10 an attempt was made to register with the same MAC address as used on 09/24/10; However (b)(6),(b)(7)(C) had blocked that MAC address from registering. (b)(6),(b)(7)(C) stated that on 10/02/10 another attempt was made to register on the network with a MAC address of 00:23:5a:73:5f:fc but still for "ghost-laptop."

(b)(6),(b)(7)(C) also stated that at one point on 10/09/11, "ghost-laptop" was registered with a MAC address of 00:23:5a:73:5f:fc and "ghost-macbook" was registered with a MAC address of 00:17:f2:2c:b0:74 at the same time.

(b)(6),(b)(7)(C) also stated that after 12/19/11, the attempts to register on the MIT network for "ghost-laptop" and "ghost-macbook" changed from attempts to gain an IP address dynamically assigned through the MIT guest registration process to assigning themselves static IP addresses on the MIT network. This behavior continued until after Swartz was observed on 01/06/11 moving the laptop from Building 16 to and the machine was registered on the network from the Stratton Student Center.

(b)(6),(b)(7)(C) also stated that on 01/06/11 at approximately 1251 the computer connected to an IP address registered to Amazon's Elastic Compute Cloud (EC2) service.

(b)(6),(b)(7)(C) noted that up to 12/19/10, Swartz obtained IP addresses by using the guest registration to be assigned an IP address through DHCP. From 12/19/10 to 01/06/11, Swartz would assign himself a static IP address. (b)(6),(b)(7)(C) theorized that once Swartz understood the subnet mask of the network Building 16 was on it would have been easy to assign himself an IP address that was not being used; However when he moved the laptop to the Stratton Student Center on 01/06/11, he connected to a new switch and went back to obtaining an IP address through DHCP.

Prior to this incident, JSTOR granted access to anyone using a IP address from the MIT network. MIT has a class A network and owns all of the IP addresses beginning with 18.

(b)(6),(b)(7)(C) recalled that on 01/03/11 (b)(6),(b)(7)(C) sent him an email telling him that JSTOR informed her that they had detected abuse from IP address (b)(6),(b)(7)(C). On 01/04/11, (b)(6),(b)(7)(C) traced the IP address (b)(6),(b)(7)(C) in the ARP table to MAC address 004c.e5a0.c756. MAC address 004c.e5a0.c756 was also assigned IP address (b)(6),(b)(7)(C) on the ARP table. (b)(6),(b)(7)(C) stated that IP address (b)(6),(b)(7)(C) was logged with zero seconds talking on the network. (b)(6),(b)(7)(C) theorized that Swartz established IP address (b)(6),(b)(7)(C) to communicate with the computer in case the MIT network shut down IP address (b)(6),(b)(7)(C).

(b)(6),(b)(7)(C) stated that IP address (b)(6),(b)(7)(C) was an IP address registered to JSTOR that appeared in the logs.

(b)(6),(b)(7)(C) stated that early in the morning of 01/04/11 he noticed in the ARP table that the IP address reported for abuse by JSTOR was active on the switch Gi 8/16 that he knew was in Building 16. The switch is also listed in the logs M16-004t-sw-entry.mit.edu. 004T refers to the room number 4T, the wire closet where the Acer Aspire one netbook with serial number LUSAX0D001001100E1601 was found. (b)(6),(b)(7)(C) recalled that at approximately 0200 he sent an email to (b)(6),(b)(7)(C) and (b)(6),(b)(7)(C) with the switch the computer committing the abuse was attached to and asked them to find it.

(b)(6),(b)(7)(C) confirmed that the closet was generally kept locked.

(b)(6),(b)(7)(C) stated that at first Swartz used guest registration to obtain an IP address but that static IP address were used later. (b)(6),(b)(7)(C) confirmed that someone with guest registration has full access in and out of the network. (b)(6),(b)(7)(C) stated that MIT border routers do block the Microsoft ports.

(b)(6),(b)(7)(C) stated all three registrations Swartz used were variation of ghost with the computer name either being ghost-macbook or ghost-laptop and the name used for guest registration being either Genc, Gary or Gruce.

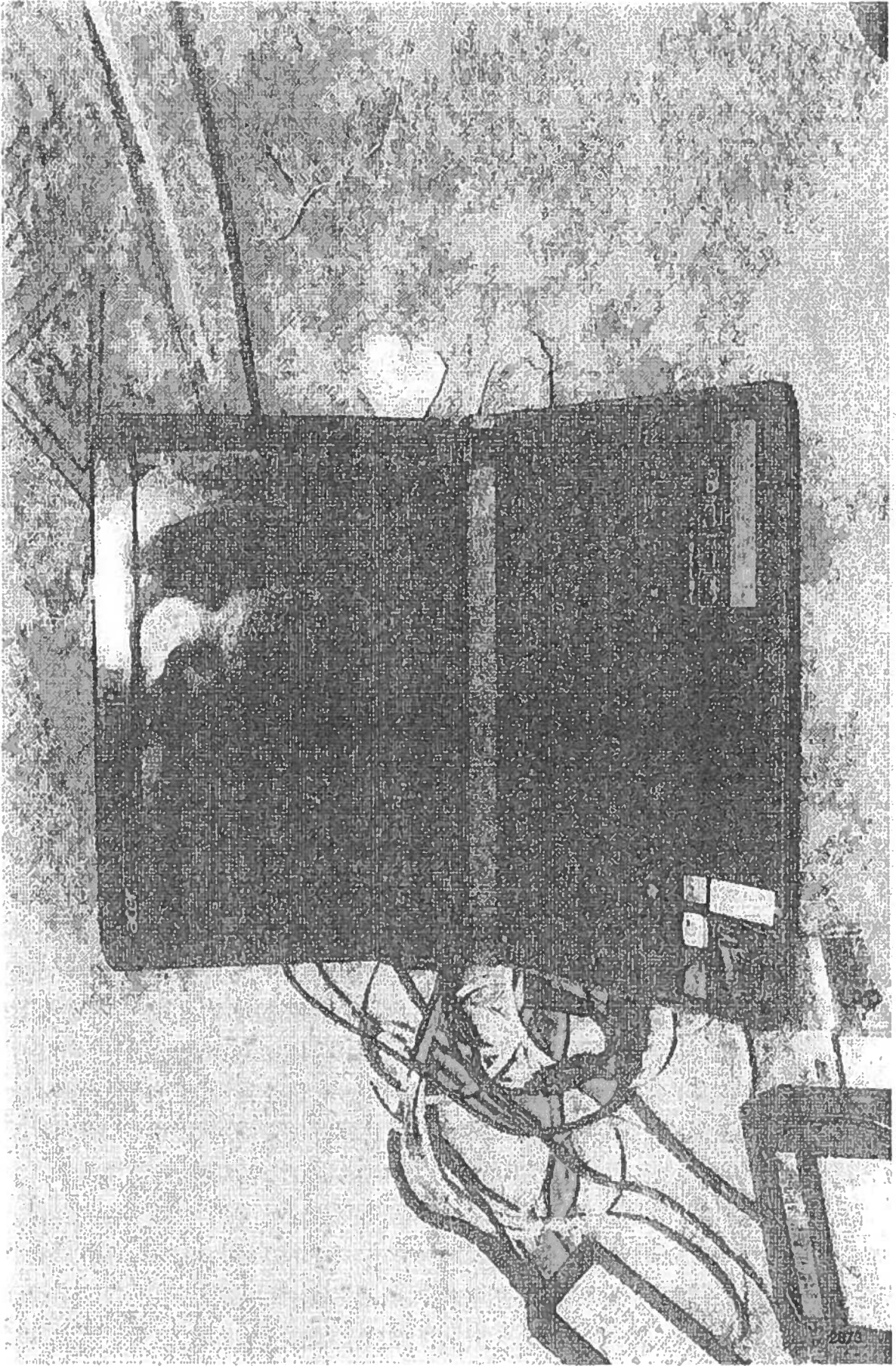
(b)(6),(b)(7)(C) stated that based on the logs he reviewed that Swartz must have spoofed his MAC address at least once. The MAC address used in January (004c.e5a0.c756) had an invalid Organizationally Unique Identifier (OUI).

(b)(6),(b)(7)(C) stated that the emails Swartz used for guest registration used a service called mailinator. Mailinator is a service that gives spoofed emails the appearance of legitimate emails.

The packet capture from 01/04/11 identified two open ports on the Acer Aspire one found in 04T. The ports that were open were 22 and 8092. (b)(6),(b)(7)(C) identified that the service CherryPy was running. CherryPy is a web application framework using the python programming language.

(b)(6),(b)(7)(C) estimated that as of 1/14/11, MIT had spent 160 man-hours investigating the abuse by Swartz.

DSC\_0021.JPG @ 33.3% (R5D/8) \*



RIF





(b)(6),(b)(7)(C)

Conference  
Cpt 6

1:35 pm 6/20/11

Heyman (b)(6),(b)(7)(C) § I

SH asking for Screen Shots

9/24/10 Gary Host Ghost@malactor  
Mac Address ending FFB

1 18.55.6.215 Info

(b)(6),(b)(7)(C) → manually Assigned

USE DHCP

... what network system I'm on  
what my Router is

IP - I'll

Subnet mask 18.55

Router Address

Shark got (b)(6),(b)(7)(C) @ Unknown/NST  
Tracked

No Info was captured

9/27/10 NOTES only for (b)(6),(b)(7)(C)

Oct 2, 2010 Gary Host changes Mac Ad

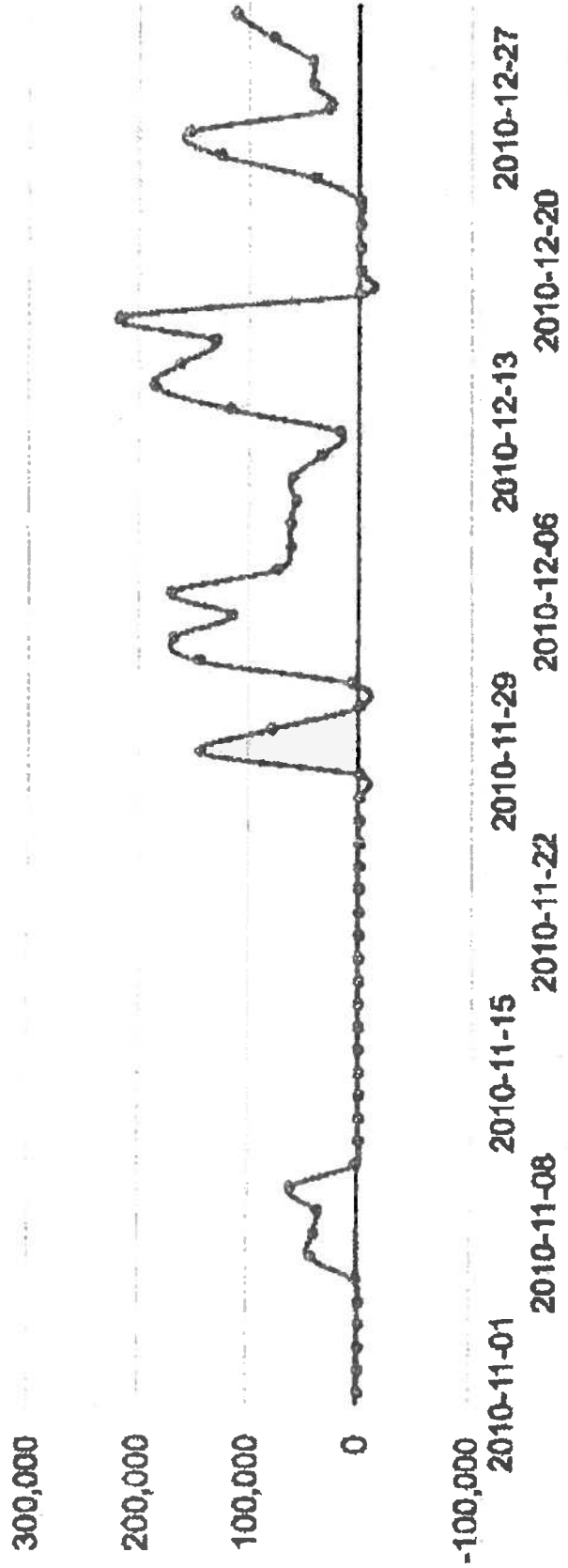
Oct 8, 2010 Grace Host .5.100

1/4/2011 .6.240 0040



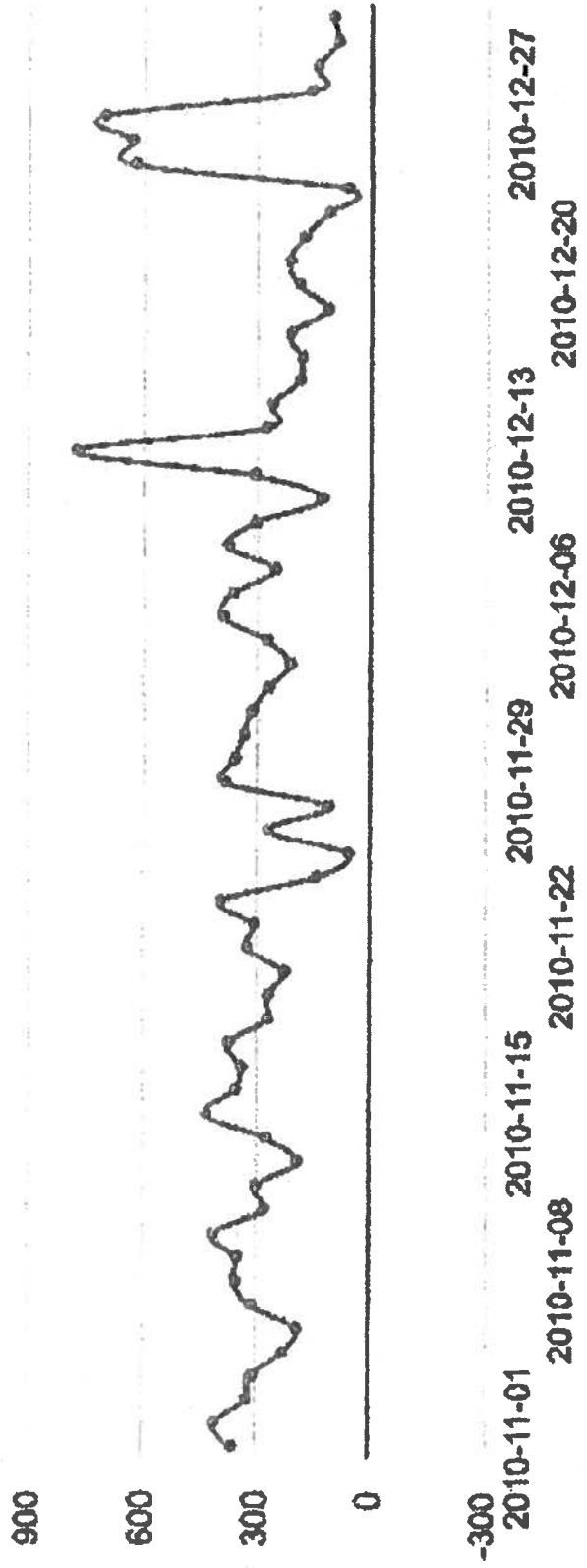
View	0
More	0
Browse	0
PDF	2,854,824
Search	0
Cil	0
Citation	0
User Response Page	0
PSS	0
<b>Total</b>	<b>2,854,824</b>

**Actions**

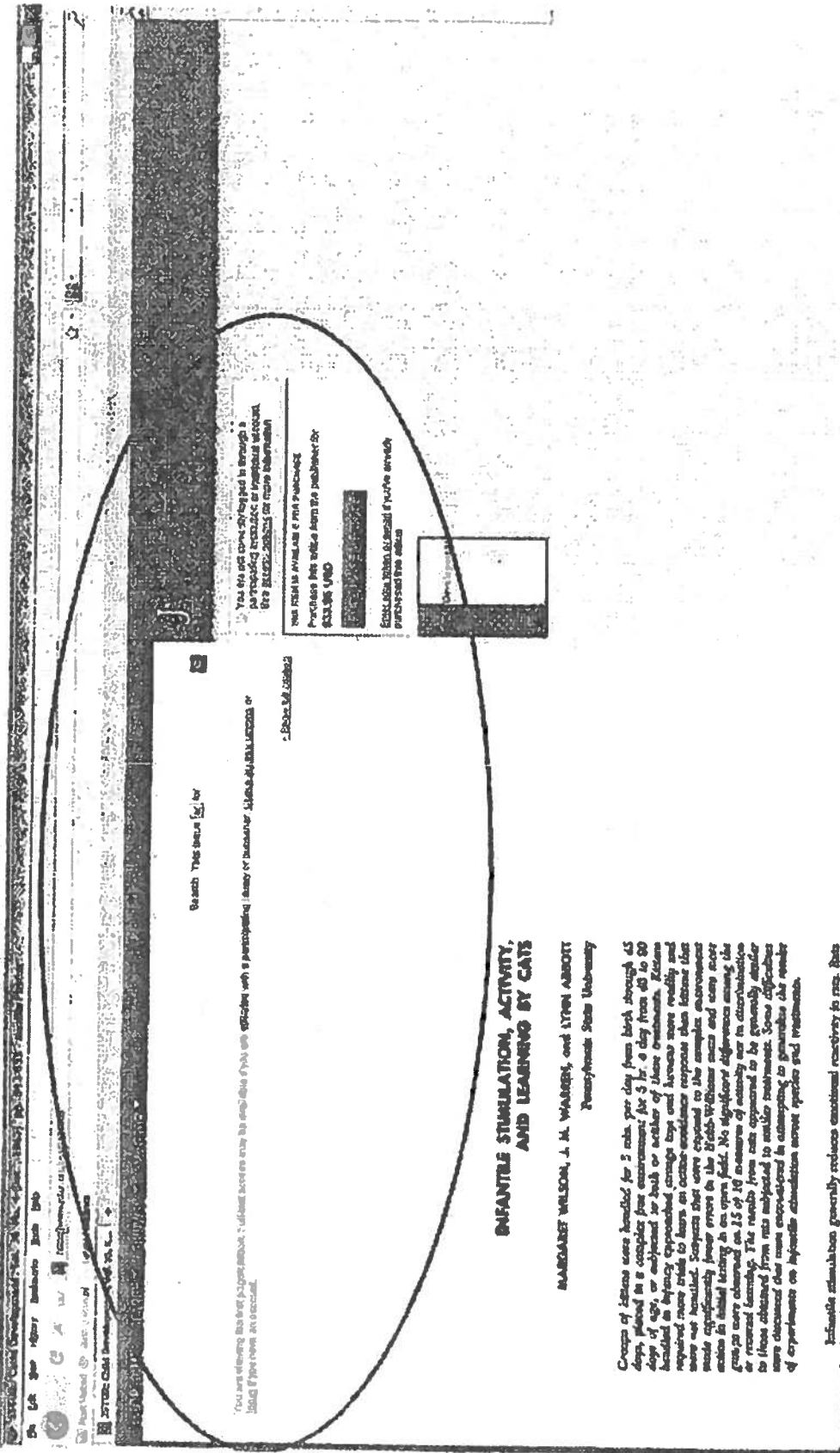


View	0
More	0
Browse	0
PDF	17,865
Search	0
Cll	0
Citation	0
User Response Page	0
PSS	0
<b>Total</b>	<b>17,865</b>

**Actions**



By clicking the hyperlink on Google, the unauthenticated user arrives at the User Response Page. This page indicates a lack of access to this content (yellow banner & yellow star box). If it is an article available through JSTOR's Publisher Sales Service, the PURCHASE ARTICLE button also appears with the quoted price.



RIF

Notes for Discovery from

(b)(6), (b)(7)(C)

① Any and all notes (Cert Notes)  
Forensic Analysis

PCAP logs

Who will be expert →

(b)(6), (b)(7)(C)

Can

(b)(6), (b)(7)(C)

be expert and

explain software → where it was found.

"CERT Report"

\*

Set up a call w/  
to bring in expert.

(b)(6), (b)(7)(C)

ES

G

Who drafted the original Myths  
that we got?

Are you comfortable

if so then why

19th 24th

CC

(b)(6), (b)(7)(C)

15 to 20 minutes long

Can't  
call  
19th  
when

(b)(6), (b)(7)(C)

② ACER done did we turn over  
Dunne to Defense

Messages

(b)(6), (b)(7)(C)

8

11:06am June 4

Access denied

(b)(6), (b)(7)(C)

(b)(6), (b)(7)(C)

9:23pm June 4<sup>th</sup>

(b)(6), (b)(7)(C)

Calling

(b)(6), (b)(7)(C)

10:41 am 6/6/2012

(b)(6), (b)(7)(C)

9:30 AM

Told me he is doing Polygraph @ 9:30 AM tomorrow

6-11-12

(b)(6), (b)(7)(C)

9:54 AM 6-7-11

(b)(6), (b)(7)(C)

9:03 AM

6/9/12

Ret (b)(6), (b)(7)(C)

Ret (b)(6), (b)(7)(C)

(b)(6), (b)(7)(C)

6:13 AM had June 6<sup>th</sup>

(b)(6), (b)(7)(C)

It has been long if neighbors.  
- Got message -

79.8 GB

79.8 GB

Prosecution

Defense

Building 16 Surv.  
Size 310 MB 64 Files

Building 16 Surveillance  
Size 310 MB 64 Files

dhcp\_data  
13.1 MB 10 Files

dhcp\_data  
13.1 MB 10 Files

Flow\_data  
396 MB 4 Files

Flow-DATA  
396 MB 4 Files

Network-Capture  
79.1 GB 331 Files

Network-Capture  
79.1 GB 331 Files

Photos  
8.56 MB 8 Files

Photos  
8.56 MB 9 Files

4 JPEG  
4 ASCII Files

Radius Logs  
280 KB 9 Files

Radius Logs  
492 bytes 2 Files

Screen Shot  
81 KB

Screen Shot  
81 KB



UNITED STATES GOVERNMENT  
Memorandum of interview

U.S. Secret Service

Case # 102-775-60071-S

DATE AND TIME September 18<sup>th</sup>, 2012  
LOCATION 77 Massachusetts Avenue, Cambridge, MA  
SUBJECT (b)(6), (b)(7)(C)  
INTERVIEWED (b)(6), (b)(7)(C)  
IN ATTENDANCE SA (b)(6), (b)(7)(C) (BOS)  
Detective (b)(6), (b)(7)(C) Cambridge Police  
AUSA Stephen Heymann  
AUSA (b)(6), (b)(7)(C)  
(b)(6), (b)(7)(C)

On September 18<sup>th</sup>, 2012, (b)(6), (b)(7)(C) was interviewed at the MIT General Counsels Office at 77 Massachusetts Avenue in Cambridge, Massachusetts, in reference to the Boston Field Office case number 102-775-60071-S. The interview was conducted by Agent (b)(6), (b)(7)(C) and Cambridge Police Detective (b)(6), (b)(7)(C). Also in attendance were AUSA Stephen Heymann, AUSA (b)(6), (b)(7)(C) and (b)(6), (b)(7)(C). The following is a summary of his statements:

(b)(6), (b)(7)(C) recalled that on 01/04/11, he queried the ARP table for IP address (b)(6), (b)(7)(C) and discovered the MAC address 00:4c:e5:a0:c7:56 on Vlan 55. (b)(6), (b)(7)(C) stated that he then searched c7:56 using Cisco Discovery Protocol (CDP) and found (b)(6), (b)(7)(C) also on Vlan 55. CDP showed the location to be M16-004t-sw-entry.mit.edu. (b)(6), (b)(7)(C) stated that (b)(6), (b)(7)(C) went to that location and found a computer connected to the switch. (b)(6), (b)(7)(C) stated that (b)(6), (b)(7)(C) then called (b)(6), (b)(7)(C). (b)(6), (b)(7)(C) stated that he believed that (b)(6), (b)(7)(C)'s computer was used to start a packet capture.

(b)(6), (b)(7)(C) stated that when he arrived and the telecommunications closet, a computer was connected to the switch and (b)(6), (b)(7)(C)'s computer was conducting the packet capture. (b)(6), (b)(7)(C) stated that he could not remember any other incident in which a mysterious computer was found connected to the network. (b)(6), (b)(7)(C) stated that it was unusual for a computer to avoid detection by changing its MAC address. (b)(6), (b)(7)(C) also stated that it was very rare to track a digital issue to a physical computer. (b)(6), (b)(7)(C) stated that Nmap was used to scan the computer to discover what hosts and services were running on the computer they discovered.

(b)(6), (b)(7)(C) stated that after the computer was moved the ability to observe packet data stopped. (b)(6), (b)(7)(C) stated that after the computer was moved he started to look for it by host name.

(b)(6),(b)(7)(C)

From:

(b)(6),(b)(7)(C)

Sent:

Thursday, October 11, 2012 3:04 PM

To:

(b)(6),(b)(7)(C)

Subject:

(b)(6),(b)(7)(C) MOI

Attachments:

(b)(6),(b)(7)(C) MOI 9-18-12.docx

On September 18<sup>th</sup>, 2012 (b)(6),(b)(7)(C) was interviewed at the MIT General Counsels Office at 77 Massachusetts Avenue in Cambridge, Massachusetts, in reference to the Boston Field Office case number 102-775-60071-S. The interview was conducted by Agent (b)(6),(b)(7)(C) and Cambridge Police Detective (b)(6),(b)(7)(C). Also in attendance were AUSA Stephen Heymann, AUSA (b)(6),(b)(7)(C) and (b)(6),(b)(7)(C). The following is a summary of his statements:

(b)(6),(b)(7)(C) recalled that on 01/04/11, he queried the ARP table for IP address (b)(6),(b)(7)(C) and discovered the MAC address 00:4c:e5:a0:c7:56 on Vlan 55. (b)(6) stated that he then searched c7:56 using Cisco Discovery Protocol (CDP) and found (b)(6),(b)(7)(C) also on VLAN 55. CDP showed the location to be M16-004t-sw-entry.mit.edu. (b)(6) stated that (b)(6),(b)(7)(C) went to that location and found a computer connected to the switch. (b)(6) stated that (b)(6),(b)(7)(C) then called (b)(6),(b)(7)(C) stated that he believed that (b)(6),(b)(7)(C)'s computer was used to start a packet capture.

(b)(6),(b)(7)(C) stated that when he arrived and the telecommunications closet, a computer was connected to the switch and (b)(6),(b)(7)(C)'s computer was conducting the packet capture. (b)(6),(b)(7)(C) stated that he could not remember any other incident in which a mysterious computer was found connected to the network. (b)(6),(b)(7)(C) stated that it was unusual for a computer to avoid detection by changing its MAC address. (b)(6),(b)(7)(C) also stated that it was very rare to track a digital issue to a physical computer. (b)(6) stated that Nmap was used to scan the computer to discover what hosts and services were running on the computer they discovered.

(b)(6),(b)(7)(C) stated that after the computer was moved the ability to observe packet data stopped. (b)(6),(b)(7)(C) stated that after the computer was moved he started to look for it by host name.

(b)(6),(b)(7)(C)

USSS Boston

(b)(6),(b)(7)(C)



SWART AT&T Phone

MSISDN (817) 224-1596

IMSI 310-110-330482173

IMSI from Nthm 31041037076756

IMSI from HTR-G2 310260367723494

3/9/11 Conf Call

(817) 224-1596

CONF

Keepgrabbing.py

Use Conf

Can we use script

Keepgrabbing.py downloading script

designed to generate random number  
as cookie value

Keepgrabbing

serve block.py

~~CONF~~ grab

CAE grab.py

3 Python scripts involved

0a1grab.py

Serve blocks.py

Keepgrabbing.py

bash history indicates

manually changing MAC Address

if config

not Acc to HTR + if Config

RSync

RSync

CONF laptop to CONF Minibook

Rsync

DYN DNS - Free.com

DYN DNS.com

Ghost-laptop: dyn dns

Dyn DNS IP same: used

Rsync

ifconfig

Aspire One

BoF to Raptor USB Flash Drive

IF Config - a

eth 0 Link speed Ethernet

hwaddr 88:23:54:73:5f:c6

wlan 0 Hardware 9p1c e5:af:c7:5:1

Area is IPv6

Input history www.jstor.org

Google search interface drive bsantv

~~Conf~~

conf call 4/12/11

Hexman



Sendme could access JSIOR

Using Howard ID

if he needed legitimate access

But would be connected to

Howard ID and would have limited

make list of IP addresses going into

filter + subsystem



Massachusetts Institute of Technology

Police Department

301 Vassar Street

Cambridge, MA 02139

617-253-1212

Fax: 617-253-8822

To: Captain [REDACTED]  
Patrol Commander  
From: Captain [REDACTED]  
Chief of Staff  
Subject: Arrest Suspect Build. 16  
Date: January 6, 2011

Sir:

On this date at approximately 14:05 hours I was traveling on Vassar Street heading to the STATA garage to retrieve my personal motor vehicle as I was secure for the day. As I was headed down Vassar I noticed a W/M traveling in the opposite direction towards Mass. Ave on a gray bike. This W/M matched the description of a suspect this department was seeking in connection B&E that occurred in the basement of Building 16 during the week of January 3, 2011. I observed through my rearview mirror the individual in question make a right turn onto Mass. Ave headed in the direction of Central Sq. At this time I made a u-turn on Vassar Street in an attempt to catch up the W/M and get a better look to confirm my suspicion.

As I came to intersection of Mass. and Vassar Street I was stopped due to traffic and a red light. I could still see the individual crossing the rail road tracks continuing on Mass Ave towards Central Sq. I proceeded on Vassar and made a right turn onto Mass. Ave maintaining visual contact with this suspect. Once again I was stopped by the red light at Albany Street, I fully obeyed the traffic control signal as I never lost visual contact with this individual. As the light turned green I proceeded on Mass. Ave operating at a slow speed. Traffic was light and there were no other bicyclists in my path of view. As I entered the Central Sq. area I passed the individual in question, I was able to get a good look at the person operating the bike and his helmet and back pack. At this time I was positive that it was in fact the person wanted for the B&E at Building 16. I made this observation from studying several pictures that were in my possession from a covert camera that was installed in the room that the B&E occurred in.

I then continued to follow this individual and called Capt. [REDACTED] via cell to inform him I was following the suspect. Capt. [REDACTED] and Secret Service Agent [REDACTED] who assigned to assist the MIT Police in this investigation left the station and were responding to my location. I decided to pull ahead of the suspect and stop him and attempt to ascertain his identity. I pulled over on Mass. Ave just beyond Lee Street. As I exited my cruiser I activated the blue lights and displayed my wallet badge. I motioned for the individual to stop and he complied. I then explained that I was a Captain with the MIT Police and wanted to speak with him. The suspect stated he does not speak to strangers. I was again presented my identification both my badge and picture I-D. The suspect stated the MIT Police are not real cops and he would not have a conversation with me. At this point the suspect dropped his bike to ground and took off on foot back in the direction of Lee Street. I gave a brief foot pursuit but the suspect had a good lead on me. I then ran back to my cruiser made a u-turn on Mass. Ave and proceeded to follow the suspect, never losing visual contact. I then called Capt. [REDACTED] via cell and gave him

a quick update and the direction the suspect was fleeing. I could see a cruiser heading in my direction; Capt. (b)(6)(b)(7)(C) indicated it was him along with Agent (b)(6)(b)(7)(C). I instructed them to continue straight, and that the suspect took a left onto Lee Street. I could see the suspect standing on Lee Street. I stayed on Mass. Ave. continuing to direct Capt. (b)(6)(b)(7)(C). As Capt. (b)(6)(b)(7)(C) reached my position I had him take a right onto Lee Street telling him the suspect was walking on the left side of Lee Street. Capt. (b)(6)(b)(7)(C) pulled ahead of the suspect; both Capt. (b)(6)(b)(7)(C) and Agent (b)(6)(b)(7)(C) exited their cruiser and called out to the suspect to stop. The suspect started to run back in the direction of Mass. Ave. noticing I was in front of him he ran into the street into a private driveway where he was apprehended.

UNITED STATES GOVERNMENT  
Memorandum of interview

U.S. Secret Service

Case # 102-775-60071-S

DATE AND TIME: September 13<sup>th</sup>, 2012  
LOCATION: 301 East Liberty Street, Ann Arbor, MI

SUBJECT INTERVIEWED: (b)(6),(b)(7)(C)

IN ATTENDANCE: SA (b)(6),(b)(7)(C) (BOS)  
Detective (b)(6),(b)(7)(C) Cambridge Police  
AUSA Stephen Heymann  
AUSA (b)(6),(b)(7)(C)  
(b)(6),(b)(7)(C)

On September 13<sup>th</sup>, 2012, (b)(6),(b)(7)(C) was interviewed at the JSTOR office at 301 East Liberty Street, Ann Arbor, MI, in reference to the Boston Field Office case number 102-775-60071-S. The interview was conducted by Agent (b)(6),(b)(7)(C) and Cambridge Police Detective (b)(6),(b)(7)(C). Also in attendance were AUSA Stephen Heymann, AUSA (b)(6),(b)(7)(C) and (b)(6),(b)(7)(C). (b)(6),(b)(7)(C) The following is a summary of his statements:

(b)(6),(b)(7)(C) stated that he was (b)(6),(b)(7)(C) and that he had worked for JSTOR since 2007. (b)(6),(b)(7)(C) stated that he had worked as a software engineer, on website operations and as a data architect. (b)(6),(b)(7)(C) stated that in 2010 he was part of the web operations team that is part of IT.

(b)(6),(b)(7)(C) stated that the system identifies a session with cookies. (b)(6),(b)(7)(C) stated that the first time a user visits JSTOR the user gets a cookie. (b)(6),(b)(7)(C) stated that he was able to detect that Swartz used Curl programming language to manipulate cookies.

(b)(6),(b)(7)(C) stated that he is able to review a chart of activity that shows an increase of activity in PDF transactions on 09/25/10 at approximately 1000. (b)(6),(b)(7)(C) stated that at 1800 there was a drop in activity due to server failure. (b)(6),(b)(7)(C) stated that on 09/26/10 at approximately 0800, PDF activity resumed at a high level until approximately 1600. (b)(6),(b)(7)(C) stated that from 0506 on 09/25/10 to 1624 on 09/26/10, IP address (b)(6),(b)(7)(C) had 1,256, 249 sessions and downloaded 453,570 articles and 562 journals. (b)(6),(b)(7)(C) also stated that on 10/09/10 from 1453 to 1908 IP address (b)(6),(b)(7)(C) had 8,515 sessions and downloaded 8,422 articles and 714 journals.

(b)(6),(b)(7)(C) stated that JSTOR had 10 servers in each of their data centers and restarting a server takes between 10 and 20 minutes.