

Investigation for Kitty Porn from Disk Drive Found in House of John Brinkley

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Abstract

This report details the results of the investigation on a disk drive found in the residence of John Brinkley. This investigation specifically focused on searching for kitty porn on the disk drive. This investigation took place with a valid warrant, after kitty porn was found on the drive during a separate investigation. The investigation found multiple instances of kitty porn on this device, located in various directories throughout the system. Notably, all images of kitty porn that were recovered in the investigation were added to the computer within a time frame of less than fifteen minutes. A total of thirteen instances of kitty porn images were recovered during the investigation. Additionally, an HTML file for a website which appears to be called “Virtual Kitty” was found in the filesystem. This HTML file was added on the same day as the images; however it was added outside of the 15 minute period where the others were added.

Table of Contents

Affiant's Background.....	4
Incident Material.....	5
August 28, 2002.....	5
List of Documents.....	11
List of Images.....	12
List of Tools.....	13
Connected Flash Drives.....	14

Affiant's Background

Kollin Labowski is a Computer Science student in the class of 2022 at West Virginia University. He has over 5 years of experience in computer programming, particularly with Java, C, Python, and PHP. He is currently pursuing an area of emphasis in Cybersecurity and has experience penetration testing with Kali Linux. Kollin has used a wide variety of computer forensic tools, including but not limited to, Nmap, Wireshark, Dirbuster, John the Ripper, and Ghidra. Additionally, Kollin is currently enrolled in CPE 435, Computer Incident Response, at West Virginia University. In this class, Kollin gained a solid understanding of the forensic investigation process, and the government policies relating to them. This class is also where Kollin was introduced to many of the forensic tools he had used, particularly as part of the National Cyber League competition, where he ranked within the top 98 percent of the country.

Incident Material

The following lists images and documents recovered from the disk drive. All files are displayed here in chronological order, based on their “Modified” date. Note that there are no screenshots of the images included here, as all the following files contain illegal kitty porn. Any of the listed files may be located on the disk drive by navigating to the directory listed above the file name.

August 28, 2002

In directory *C:\WINDOWS Offline Web Pages*

5:05 PM: File Name: virtualekitty[1].html

File Type: Firefox HTML Document

Size: 2.50 KB

Size on disk: 4.00 KB

Created: Wednesday, November 14, 2018, 3:56:04 PM

Modified: Wednesday, August 28, 2002, 5:05:44 PM

Description: An HTML file with source code for a website discussing kitty porn

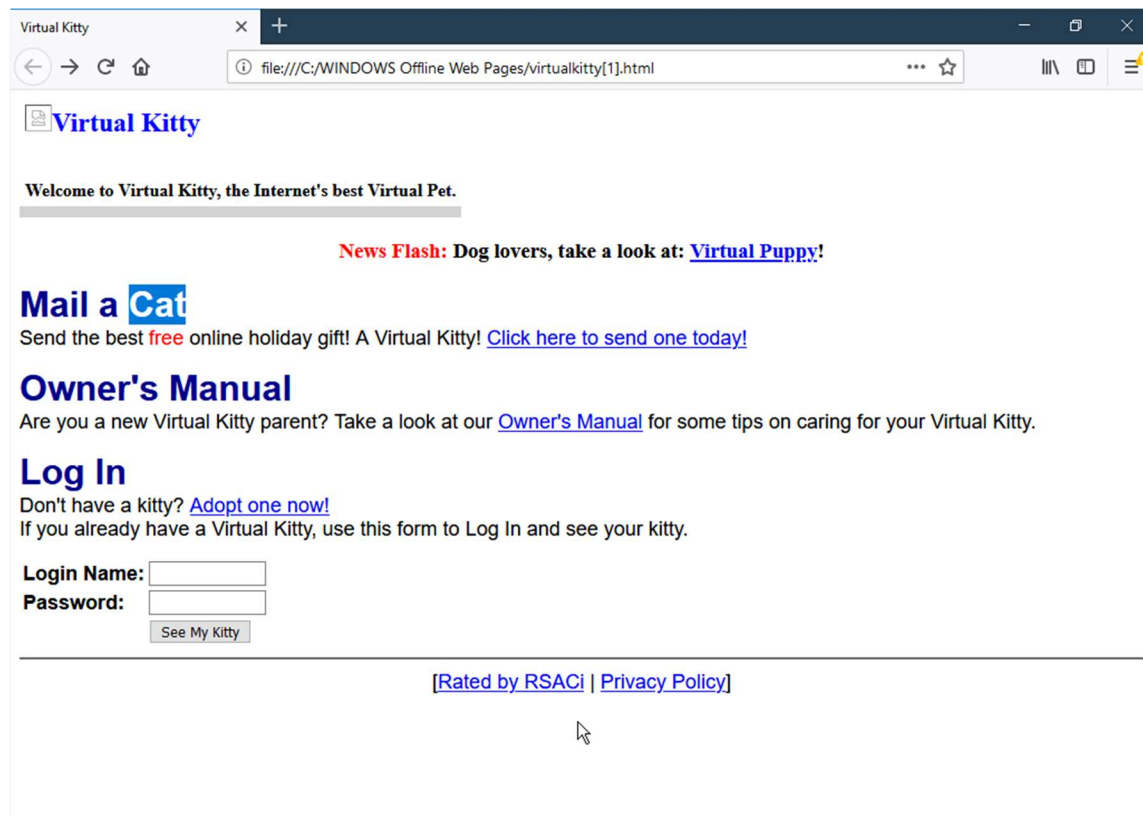


Figure 1: The HTML page virtualkitty[1].html

In directory *C:\Windows*

9:42 PM: File Name: Tongue Bath.jpg

File Type: JPG

Size: 43.8 KB

Size on disk: 44.0 KB

Created: Wednesday, November 14, 2018, 3:55:21 PM

Modified: Wednesday, August 28, 2002, 9:42:04 PM

Description: This is a photo containing kitty porn

In directory *C:\Program Files\Program files-NetMeeting*

9:42 PM: File Name: Unnatural Love.jpg

File Type: JPG

Size: 44.1 KB

Size on disk: 48.0 KB

Created: Wednesday, November 14, 2018, 3:48:02 PM

Modified: Wednesday, August 28, 2002, 9:42:42 PM

Description: This is a photo containing kitty porn

In directory *C:\Documents and Settings\rsn\Pictures*

9:43 PM: File Name: Older and Wiser.jpg

File Type: JPG

Size: 58.7 KB

Size on disk: 60.0 KB

Created: Wednesday, November 14, 2018, 3:57:38 PM

Modified: Wednesday, August 28, 2002, 9:43:14 PM

Description: This is a photo containing kitty porn

In directory *C:\Windows\Temp*

9:45 PM: File Name: Three Snow Babies.jpg

File Type: JPG

Size: 72.8 KB

Size on disk: 76.0 KB

Created: Wednesday, November 14, 2018, 3:53:53 PM

Modified: Wednesday, August 28, 2002, 9:45:02 PM

Description: This is a photo containing kitty porn

In directory *C:\Documents and Settings\rsn\Pictures*

9:45 PM: File Name: Peeping Toms.jpg

File Type: JPG

Size: 59.0 KB

Size on disk: 60.0 KB

Created: Wednesday, November 14, 2018, 3:57:38 PM

Modified: Wednesday, August 28, 2002, 9:45:26 PM

Description: This is a photo containing kitty porn

In directory *C:\Documents and Settings\rsn\data*

9:49 PM: File Name: Love Toy.jpg

File Type: JPG

Size: 25.2 KB

Size on disk: 28.0 KB

Created: Wednesday, November 14, 2018, 7:32:09 PM

Modified: Wednesday, August 28, 2002, 9:49:40 PM

Description: This is a photo containing kitty porn

In directory *C:\2fe7d775871ad81a45323d2def0585e32525*

9:50 PM: File Name: Zipper Problem.jpg

File Type: JPG

Size: 18.2 KB

Size on disk: 20.0 KB

Created: Wednesday, November 14, 2018, 3:49:00 PM

Modified: Wednesday, August 28, 2002, 9:50:42 PM

Description: This is a photo containing kitty porn

In directory *C:\Documents and Settings\rsn\data*

9:51 PM: File Name: Have You Got A Cigaratte.jpg

File Type: JPG

Size: 12.6 KB

Size of disk: 16.0 KB

Created: Wednesday, November 14, 2018, 7:32:09 PM

Modified: Wednesday, August 28, 2002, 9:51:30 PM

Description: This is a photo containing kitty porn

In directory *C:\Program Files\Program files-NetMeeting*

9:52 PM: File Name: Whispered Secrets.jpg

File Type: JPG

Size: 62.4 KB

Size on disk: 64.0 KB

Created: Wednesday, November 14, 2018, 3:38:02 PM

Modified: Wednesday, August 28, 2002, 9:52:10 PM

Description: This is a photo containing kitty porn

In directory *C:\2fed775871ad81a45323d2def0585e32525*

9:52 PM: File Name: Young and Dear.jpg

File Type: JPG

Size: 57.1 KB

Size of disk: 60.0 KB

Created: Wednesday, November 14, 2018, 3:49:00 PM

Modified: Wednesday, August 28, 2002, 9:52:42 PM

Description: This is a photo containing kitty porn

In directory *C:\Windows\Temp*

9:53 PM: File Name: Forbidden Fruit.jpg

File Type: JPG

Size: 56.1 KB

Size on disk: 60.0 KB

Created: Wednesday, November 14, 2018, 3:53:53 PM

Modified: Wednesday, August 28, 2002, 9:53:22 PM

Description: This is a photo containing kitty porn

In directory *C:\Documents and Settings\rsn\Desktop\recycle*

9:53 PM: File Name: Eyes of Love.jpg

File Type: JPG

Size: 56.9 KB

Size on disk: 60.0 KB

Created: Wednesday, November 14, 2018, 3:51:26 PM

Modified: Wednesday, August 28, 2002, 9:53:48 PM

Description: This is a photo containing kitty porn

In directory *C:\Windows*

9:54 PM: File Name: Brother and Sister Love.jpg

File Type: JPG

Size: 14.8 KB

Size on disk: 16.0 KB

Created: Wednesday, November 14, 2018, 3:55:21 PM

Modified: Wednesday, August 28, 2002, 9:54:24 PM

Description: This is a photo containing kitty porn

List of Documents

C:\WINDOWS Offline Web Pages

- 1) virtualkitty[1].html

List of Images

C:\2fefd775871ad81a45323d2def0585e32525

- 1) Young and Dear.jpg
- 2) Zipper Problem.jpg

C:\Documents and Settings\rsn\data

- 1) Have You Got A Cigarette.jpg
- 2) Love Toy.jpg

C:\Documents and Settings\rsn\Desktop\recycle

- 1) Eyes of Love.jpg

C:\Documents and Settings\rsn\Pictures

- 1) Older and Wiser.jpg
- 2) Peeping Toms.jpg

C:\Program Files\Program files-NetMeeting

- 1) Unnatural Love.jpg
- 2) Whispered Secrets.jpg

C:\Windows

- 1) Brother and Sister Love.jpg
- 2) Tongue Bath.jpg

C:\Windows\Temp

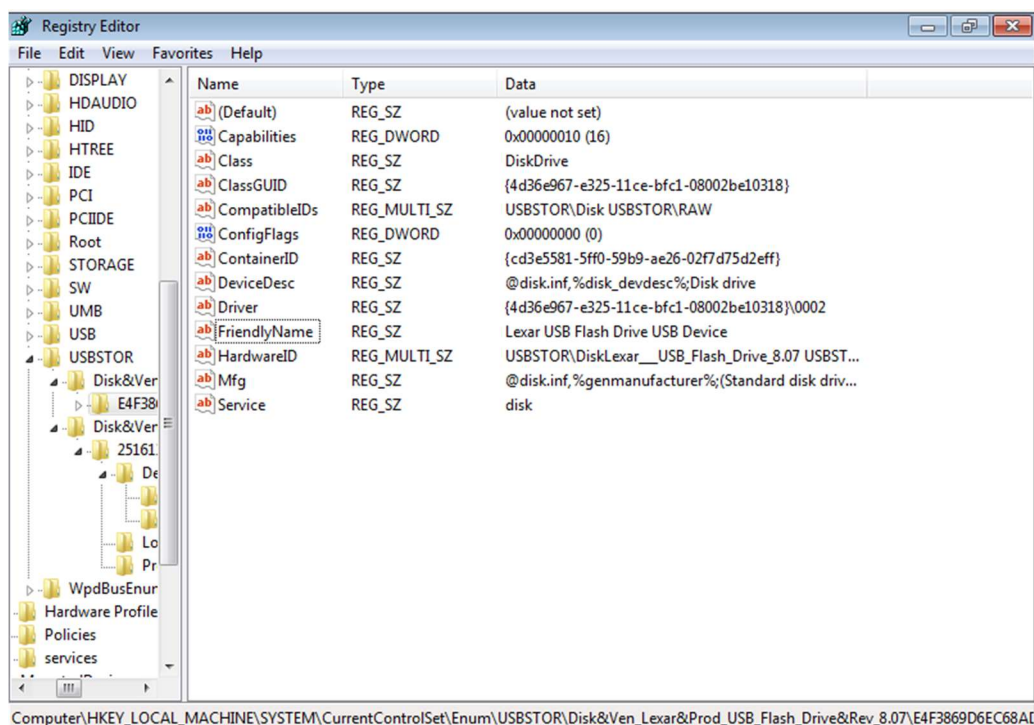
- 1) Forbidden Fruit.jpg
- 2) Three Snow Babies.jpg

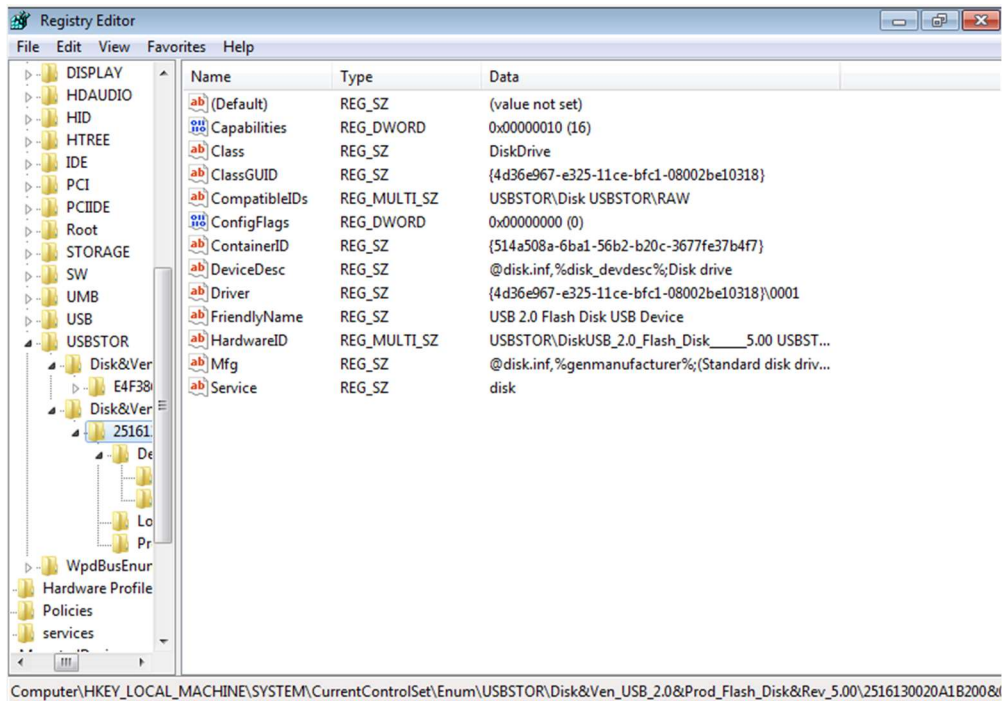
List of Tools

Tool Name	Tool Source
VirtualBox	https://www.virtualbox.org/wiki/Downloads
Hiren's BootCD PE	https://www.hirensbootcd.org/download/

Connected Flash Drives

The investigation found that there had been 2 flash drives connected to the machine. The first of these flash drives was a Lexar USB Flash Drive USB Device, as can be seen in the FriendlyName field of the first screenshot below. The second flash drive was a USB 2.0 Flash Disk USB Device, and its information can be seen the second screenshot below. This information was found by entering the Registry Editor and navigating to HKEY_LOCAL_MACHINE -> SYSTEM -> CurrentControlSet -> Enum -> USBSTOR. The screenshots with information about the 2 flash drives can be seen below.





NOTE: While most of the investigation was completed using Hiren's BootCD PE to access the file system, a different means of access was required to find the flash drives that were connected to the system. An exploit in the Window 7 crash recovery procedure allowed access to the Windows file system. This vulnerability was used to overwrite a file called "sethc" to instead call a new command prompt in place of its original function, which was related to sticky keys. Using this exploit, a new command prompt was brought up on the login menu by pressing shift 5 times, and this command prompt was used to change the password of the user "rsn" to log in to the machine without using Hiren's BootCD PE. With this new level of access gained, the flash drives appeared in the registry as expected.