Technical Report

Analysis and facts about the infringement of 98.220.43.119 in June 6, 2012

Lipscomb, Eisenberg & Baker, P.L.

Facs

Client: Malibu Media

Attorney: Lipscomb, Eisenberg & Baker, P.L.

Title: GRACE SAMANTHA SNEAK N PEEK

FileHash :   21629FC4676869D8336961DB2AE8F2EC14770F19

IP Address: 98.220.43.119

ISP/ Netblock Owner: Comcast Cable

Geographic Location: Franklin, US

Infringement Details

Our system has detected unauthorized copying and/or distribution of the work above-mentioned by analysing network traffic that proves the infringement flawlessly.

The infringer used the BitTorrent technology (via client software µTorrent 3.1.3) to copy and/or distribute the file(s) listed below.

Session Start	Transfer Start	Transfer End	Session End	Filename
2012-06-03 23:40:34	2012-06-03 23:41:31	2012-06-03 23:44:40	2012-06-03 23:46:23	X-Art - Sneak n Peek - Grace, Samantha [1080p].mov
2012-06-03 23:40:34	2012-06-03 23:41:31	2012-06-03 23:44:40	2012-06-03 23:46:23	X-Art - Sneak n Peek - Grace, Samantha [1080p].mov
2012-06-06 15:40:42	2012-06-06 15:41:16	2012-06-06 15:41:28	2012-06-06 15:46:28	X-Art - Sneak n Peek - Grace, Samantha [1080p].mov
2012-06-06 15:40:42	2012-06-06 15:41:16	2012-06-06 15:41:28	2012-06-06 15:46:28	X-Art - Sneak n Peek - Grace, Samantha [1080p].mov
2012-06-06 15:54:41	2012-06-06 15:55:16	2012-06-06 15:55:27	2012-06-06 16:00:28	X-Art - Sneak n Peek - Grace, Samantha [1080p].mov
2012-06-06 15:54:41	2012-06-06 15:55:16	2012-06-06 15:55:27	2012-06-06 16:00:28	X-Art - Sneak n Peek - Grace, Samantha [1080p].mov
2012-06-06 15:54:44	2012-06-06 15:55:18	2012-06-06 15:55:30	2012-06-06 16:00:30	X-Art - Sneak n Peek - Grace, Samantha [1080p].mov
2012-06-06 15:54:44	2012-06-06 15:55:18	2012-06-06 15:55:30	2012-06-06 16:00:30	X-Art - Sneak n Peek - Grace, Samantha [1080p].mov
2012-06-19 14:31:21	2012-06-19 14:31:55	2012-06-19 14:32:07	2012-06-19 14:37:07	X-Art - Sneak n Peek - Grace, Samantha [1080p].mov
2012-06-19 14:31:21	2012-06-19 14:31:55	2012-06-19 14:32:07	2012-06-19 14:37:07	X-Art - Sneak n Peek - Grace, Samantha [1080p].mov
2012-07-03 14:20:53	2012-07-03 14:21:28	2012-07-03 14:21:39	2012-07-03 14:26:32	X-Art - Sneak n Peek - Grace, Samantha [1080p].mov
2012-07-03 14:20:53	2012-07-03 14:21:28	2012-07-03 14:21:39	2012-07-03 14:26:32	X-Art - Sneak n Peek - Grace, Samantha [1080p].mov
2012-07-03 15:05:19	2012-07-03 15:05:54	2012-07-03 15:06:05	2012-07-03 15:11:06	X-Art - Sneak n Peek - Grace, Samantha [1080p].mov
2012-07-03 15:05:19	2012-07-03 15:05:54	2012-07-03 15:06:05	2012-07-03 15:11:06	X-Art - Sneak n Peek - Grace, Samantha [1080p].mov
2012-07-03 17:51:06	2012-07-03 17:51:41	2012-07-03 17:51:51	2012-07-03 17:56:42	X-Art - Sneak n Peek - Grace, Samantha [1080p].mov
2012-07-03 17:51:06	2012-07-03 17:51:41	2012-07-03 17:51:51	2012-07-03 17:56:42	X-Art - Sneak n Peek - Grace, Samantha [1080p].mov
2012-07-03 18:27:16	2012-07-03 18:27:50	2012-07-03 18:28:02	2012-07-03 18:33:02	X-Art - Sneak n Peek - Grace, Samantha [1080p].mov
2012-07-03 18:27:16	2012-07-03 18:27:50	2012-07-03 18:28:02	2012-07-03 18:33:02	X-Art - Sneak n Peek - Grace, Samantha [1080p].mov
2012-07-28 08:48:16	2012-07-28 08:49:19	2012-07-28 08:49:30	2012-07-28 08:51:01	X-Art - Sneak n Peek - Grace, Samantha [1080p].mov
2012-07-28 08:48:16	2012-07-28 08:49:19	2012-07-28 08:49:30	2012-07-28 08:51:01	X-Art - Sneak n Peek - Grace, Samantha [1080p].mov
2012-07-28 17:56:20	2012-07-28 17:56:54	2012-07-28 17:57:05	2012-07-28 18:02:05	X-Art - Sneak n Peek - Grace, Samantha [1080p].mov
2012-07-28 17:56:20	2012-07-28 17:56:54	2012-07-28 17:57:05	2012-07-28 18:02:05	X-Art - Sneak n Peek - Grace, Samantha [1080p].mov
2012-07-28 17:57:21	2012-07-28 17:57:55	2012-07-28 17:58:07	2012-07-28 18:03:07	X-Art - Sneak n Peek - Grace, Samantha [1080p].mov

Session Start	Transfer Start	Transfer End	Session End	Filename
2012-07-28 17:57:21	2012-07-28 17:57:55	2012-07-28 17:58:07	2012-07-28 18:03:07	X-Art - Sneak n Peek - Grace, Samantha [1080p].mov
2012-07-28 18:14:44	2012-07-28 18:16:13	2012-07-28 18:16:24	2012-07-28 18:21:24	X-Art - Sneak n Peek - Grace, Samantha [1080p].mov
2012-07-28 18:14:44	2012-07-28 18:16:13	2012-07-28 18:16:24	2012-07-28 18:21:24	X-Art - Sneak n Peek - Grace, Samantha [1080p].mov
2012-07-29 03:55:41	2012-07-29 03:56:16	2012-07-29 03:56:27	2012-07-29 04:01:27	X-Art - Sneak n Peek - Grace, Samantha [1080p].mov
2012-07-29 03:55:41	2012-07-29 03:56:16	2012-07-29 03:56:27	2012-07-29 04:01:27	X-Art - Sneak n Peek - Grace, Samantha [1080p].mov
2012-07-29 03:56:39	2012-07-29 03:57:14	2012-07-29 03:57:26	2012-07-29 04:02:26	X-Art - Sneak n Peek - Grace, Samantha [1080p].mov
2012-07-29 03:56:39	2012-07-29 03:57:14	2012-07-29 03:57:26	2012-07-29 04:02:26	X-Art - Sneak n Peek - Grace, Samantha [1080p].mov
2012-07-29 04:05:53	2012-07-29 04:06:28	2012-07-29 04:06:40	2012-07-29 04:11:40	X-Art - Sneak n Peek - Grace, Samantha [1080p].mov
2012-07-29 04:05:53	2012-07-29 04:06:28	2012-07-29 04:06:40	2012-07-29 04:11:40	X-Art - Sneak n Peek - Grace, Samantha [1080p].mov
2012-07-30 20:02:53	2012-07-30 20:03:44	2012-07-30 20:03:56	2012-07-30 20:08:56	X-Art - Sneak n Peek - Grace, Samantha [1080p].mov
2012-07-30 20:02:53	2012-07-30 20:03:44	2012-07-30 20:03:56	2012-07-30 20:08:56	X-Art - Sneak n Peek - Grace, Samantha [1080p].mov
2012-07-30 20:15:35	2012-07-30 20:16:09	2012-07-30 20:16:21	2012-07-30 20:21:15	X-Art - Sneak n Peek - Grace, Samantha [1080p].mov
2012-07-30 20:15:35	2012-07-30 20:16:09	2012-07-30 20:16:21	2012-07-30 20:21:15	X-Art - Sneak n Peek - Grace, Samantha [1080p].mov
2012-08-05 02:50:04	2012-08-05 02:50:39	2012-08-05 02:50:49	2012-08-05 02:55:50	X-Art - Sneak n Peek - Grace, Samantha [1080p].mov
2012-08-05 02:50:04	2012-08-05 02:50:39	2012-08-05 02:50:49	2012-08-05 02:55:50	X-Art - Sneak n Peek - Grace, Samantha [1080p].mov
2012-08-31 15:36:20	2012-08-31 15:36:54	2012-08-31 15:37:04	2012-08-31 15:42:04	X-Art - Sneak n Peek - Grace, Samantha [1080p].mov
2012-08-31 15:36:20	2012-08-31 15:36:54	2012-08-31 15:37:04	2012-08-31 15:42:04	X-Art - Sneak n Peek - Grace, Samantha [1080p].mov
2012-09-01 00:47:57	2012-09-01 00:48:31	2012-09-01 00:48:43	2012-09-01 00:53:43	X-Art - Sneak n Peek - Grace, Samantha [1080p].mov
2012-09-01 00:47:57	2012-09-01 00:48:31	2012-09-01 00:48:43	2012-09-01 00:53:43	X-Art - Sneak n Peek - Grace, Samantha [1080p].mov
2012-09-01 00:54:28	2012-09-01 00:55:03	2012-09-01 00:55:13	2012-09-01 01:00:13	X-Art - Sneak n Peek - Grace, Samantha [1080p].mov
2012-09-01 00:54:28	2012-09-01 00:55:03	2012-09-01 00:55:13	2012-09-01 01:00:13	X-Art - Sneak n Peek - Grace, Samantha [1080p].mov

Packet Sniffer - Summary

We've monitored the affected network connection from the infringer to us gapless, as you can see on page #6. To prove the offense in later time, we archived the full-size packet dump to resconstruct the case restoring the whole transfered data.

Shortened, we can extract the following process from the network packet dumps.

Line #	Description
2	BitTorrent Handshake initialization by the opponent in this session.
3	We confirm the handshake request.
4	Opponent sent information about pieces that already have been downloaded successfully.
6	We pretend the interest of the piece(s) offered by the opponent.
7	Opponent has sent us a positive reply, meaning we should go forward.
8	We request the correlating torrent piece from the opponent.
9	Opponent sends us the requested piece.

Packet Sniffer - Results

The following logfile shows the network activity between the file-sharing user and our systems.

Explanation of the columns

#	Consecutive numbering.
Date, Time	Moment of the communication.
Source (IP:Port), Destination (IP:Port)	Source describes the IP address of the sender; Destination describes the IP address of the receiving side.
	The communication is like an dialog in which both parties are sending and receiving network packets. Our systems may request pieces, so it also can be the sender. But it comes down to an infringement when the sender is sending a piece to us.
Protocol	Describes the used networking protocol was used to send the packet.
Length	Length of the network packet.
Data	Short and human readable information about the packet content was being sent/received.

#	Date, Time	Source (IP:Port)	Destination (IP:Port)	Protocol	Length	Data
1	Jun 6, 2012 15:40:42.460386000 UTC	98.220.43.119:55902	192.168.114.202:5611	TCP	66	55902 > 5611 [SYN] Seq=0 Win=8192 Len=0 MSS=1460 WS=4 SACK_PERM=1
2	Jun 6, 2012 15:40:42.584511000 UTC	98.220.43.119:55902	192.168.114.202:5611	BitTorrent	122	Handshake 21629fc4676869d8336961db2ae8f2ec14770f19
3	Jun 6, 2012 15:40:42.585760000 UTC	192.168.114.202:5611	98.220.43.119:55902	BitTorrent	685	Handshake Extended Bitfield, Len:0x1e1 21629fc4676869d8336961db2ae8f2ec14770f19
4	Jun 6, 2012 15:40:43.962628000 UTC	98.220.43.119:55902	192.168.114.202:5611	BitTorrent	1013	Extended Bitfield, Len:0x1e1 Have, Piece (Idx:0xd0c) Have, Piece (Idx:0xbc8) Have, Piece (Idx:0x4a2) Have, Piece (Idx:0x87b) Have, Piece (Idx:0x5f4) Have, Piece (Idx:0xa52) Have, Piece (Idx:0x528) Have, Piece (Idx:0x4da) Have, Piece (Idx:0xd5a) Have, Piece (Idx:0x397) Have, Piece (Idx:0x37f) Have, Piece (Idx:0x615) Have, Piece (Idx:0xe2) Have, Piece (Idx:0x980) Have, Piece (Idx:0xa4d) Have, Piece (Idx:0x913) Have, Piece (Idx:0x944) Have, Piece (Idx:0x561) Have, Piece (Idx:0x18d) Have, Piece (Idx:0x6b6) Have, Piece (Idx:0x98e) Have, Piece (Idx:0x908) Have, Piece (Idx:0xe55) Have, Piece (Idx:0xdb8) Port
5	Jun 6, 2012 15:40:43.965646000 UTC	192.168.114.202:5611	98.220.43.119:55902	BitTorrent	61	Port
6	Jun 6, 2012 15:41:13.964304000 UTC	192.168.114.202:5611	98.220.43.119:55902	BitTorrent	59	Interested
7	Jun 6, 2012 15:41:14.494050000 UTC	98.220.43.119:55902	192.168.114.202:5611	BitTorrent	60	Unchoke
8	Jun 6, 2012 15:41:14.495182000 UTC	192.168.114.202:5611	98.220.43.119:55902	BitTorrent	71	Request, Piece (Idx:0xa67,Begin:0x0,Len:0x4000)
9	Jun 6, 2012 15:41:28.370830000 UTC	98.220.43.119:55902	192.168.114.202:5611	BitTorrent	391	Piece, Idx:0xa67,Begin:0x0,Len:0x4000
10	Jun 6, 2012 15:41:41.488856000 UTC	98.220.43.119:55902	192.168.114.202:5611	BitTorrent	142	Extended
11	Jun 6, 2012 15:41:58.372092000 UTC	192.168.114.202:5611	98.220.43.119:55902	BitTorrent	58	BitTorrent
12	Jun 6, 2012 15:42:28.372343000 UTC	192.168.114.202:5611	98.220.43.119:55902	BitTorrent	58	BitTorrent
13	Jun 6, 2012 15:42:41.501427000 UTC	98.220.43.119:55902	192.168.114.202:5611	BitTorrent	133	Extended
14	Jun 6, 2012 15:42:58.372623000 UTC	192.168.114.202:5611	98.220.43.119:55902	BitTorrent	58	BitTorrent
15	Jun 6, 2012 15:43:05.883944000 UTC	98.220.43.119:55902	192.168.114.202:5611	BitTorrent	60	Choke
16	Jun 6, 2012 15:43:41.512573000 UTC	98.220.43.119:55902	192.168.114.202:5611	BitTorrent	142	Extended
17	Jun 6, 2012 15:44:41.514897000 UTC	98.220.43.119:55902	192.168.114.202:5611	BitTorrent	140	Extended
18	Jun 6, 2012 15:45:11.468398000 UTC	98.220.43.119:55902	192.168.114.202:5611	BitTorrent	60	BitTorrent
19	Jun 6, 2012 15:46:28.636560000 UTC	192.168.114.202:5611	98.220.43.119:55902	TCP	54	5611 > 55902 [FIN, ACK] Seq=673 Ack=17780 Win=42340 Len=0
20	Jun 6, 2012 15:46:28.768608000 UTC	98.220.43.119:55902	192.168.114.202:5611	TCP	60	55902 > 5611 [FIN, ACK] Seq=17780 Ack=674 Win=64863 Len=0