

Technical Report

Analysis and facts about the infringement of 98.220.43.119 in June 7, 2012

Lipscomb, Eisenberg & Baker, P.L.

Facs

Client: Malibu Media

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

Title: X-ART FULL

FileHash : B17E6CBB71FF9E931ED034CFC5EC7A3B8F29BB1E

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 23:35:07	2012-06-03 23:35:44	2012-06-03 23:36:03	2012-06-03 23:41:03	X-Art - Pretty Back Door Baby - Lindsay [720p].wmv
2012-06-03 23:35:07	2012-06-03 23:35:44	2012-06-03 23:36:03	2012-06-03 23:41:03	X-Art - Pretty Back Door Baby - Lindsay [720p].wmv
2012-06-03 23:37:09	2012-06-03 23:37:49	2012-06-03 23:40:47	2012-06-03 23:43:38	X-Art - Pretty Back Door Baby - Lindsay [720p].wmv
2012-06-03 23:37:09	2012-06-03 23:37:49	2012-06-03 23:40:47	2012-06-03 23:43:38	X-Art - Pretty Back Door Baby - Lindsay [720p].wmv
2012-06-04 22:26:23	2012-06-04 22:26:57	2012-06-04 22:27:03	2012-06-04 22:32:04	X-Art - Pretty Back Door Baby - Lindsay [720p].wmv
2012-06-04 22:26:23	2012-06-04 22:26:57	2012-06-04 22:27:03	2012-06-04 22:32:04	X-Art - Pretty Back Door Baby - Lindsay [720p].wmv
2012-06-06 21:54:14	2012-06-06 21:54:48	2012-06-06 21:54:59	2012-06-06 21:59:59	X-Art - Pretty Back Door Baby - Lindsay [720p].wmv
2012-06-06 21:54:14	2012-06-06 21:54:48	2012-06-06 21:54:59	2012-06-06 21:59:59	X-Art - Pretty Back Door Baby - Lindsay [720p].wmv
2012-06-06 22:14:59	2012-06-06 22:15:33	2012-06-06 22:15:45	2012-06-06 22:20:45	X-Art - Pretty Back Door Baby - Lindsay [720p].wmv
2012-06-06 22:14:59	2012-06-06 22:15:33	2012-06-06 22:15:45	2012-06-06 22:20:45	X-Art - Pretty Back Door Baby - Lindsay [720p].wmv
2012-06-06 22:15:02	2012-06-06 22:15:36	2012-06-06 22:15:48	2012-06-06 22:20:48	X-Art - Pretty Back Door Baby - Lindsay [720p].wmv
2012-06-06 22:15:02	2012-06-06 22:15:36	2012-06-06 22:15:48	2012-06-06 22:20:48	X-Art - Pretty Back Door Baby - Lindsay [720p].wmv
2012-06-07 01:17:31	2012-06-07 01:18:06	2012-06-07 01:18:17	2012-06-07 01:23:17	X-Art - Pretty Back Door Baby - Lindsay [720p].wmv
2012-06-07 01:17:31	2012-06-07 01:18:06	2012-06-07 01:18:17	2012-06-07 01:23:17	X-Art - Pretty Back Door Baby - Lindsay [720p].wmv
2012-06-07 08:59:51	2012-06-07 09:00:25	2012-06-07 09:00:37	2012-06-07 09:05:37	X-Art - Pretty Back Door Baby - Lindsay [720p].wmv
2012-06-07 08:59:51	2012-06-07 09:00:25	2012-06-07 09:00:37	2012-06-07 09:05:37	X-Art - Pretty Back Door Baby - Lindsay [720p].wmv
2012-06-07 09:09:54	2012-06-07 09:10:28	2012-06-07 09:10:39	2012-06-07 09:13:55	X-Art - Pretty Back Door Baby - Lindsay [720p].wmv
2012-06-07 09:09:54	2012-06-07 09:10:28	2012-06-07 09:10:39	2012-06-07 09:13:55	X-Art - Pretty Back Door Baby - Lindsay [720p].wmv
2012-06-25 07:18:17	2012-06-25 07:18:51	2012-06-25 07:19:04	2012-06-25 07:24:04	X-Art - Pretty Back Door Baby - Lindsay [720p].wmv
2012-06-25 07:18:17	2012-06-25 07:18:51	2012-06-25 07:19:04	2012-06-25 07:24:04	X-Art - Pretty Back Door Baby - Lindsay [720p].wmv
2012-06-25 07:20:48	2012-06-25 07:21:22	2012-06-25 07:21:34	2012-06-25 07:26:27	X-Art - Pretty Back Door Baby - Lindsay [720p].wmv
2012-06-25 07:20:48	2012-06-25 07:21:22	2012-06-25 07:21:34	2012-06-25 07:26:27	X-Art - Pretty Back Door Baby - Lindsay [720p].wmv
2012-07-28 06:09:25	2012-07-28 06:10:19	2012-07-28 06:10:29	2012-07-28 06:15:30	X-Art - Pretty Back Door Baby - Lindsay [720p].wmv

Session Start	Transfer Start	Transfer End	Session End	Filename
2012-07-28 06:09:25	2012-07-28 06:10:19	2012-07-28 06:10:29	2012-07-28 06:15:30	X-Art - Pretty Back Door Baby - Lindsay [720p].wmv
2012-07-28 06:14:26	2012-07-28 06:15:00	2012-07-28 06:15:13	2012-07-28 06:20:13	X-Art - Pretty Back Door Baby - Lindsay [720p].wmv
2012-07-28 06:14:26	2012-07-28 06:15:00	2012-07-28 06:15:13	2012-07-28 06:20:13	X-Art - Pretty Back Door Baby - Lindsay [720p].wmv
2012-07-28 06:14:29	2012-07-28 06:15:03	2012-07-28 06:15:16	2012-07-28 06:20:16	X-Art - Pretty Back Door Baby - Lindsay [720p].wmv
2012-07-28 06:14:29	2012-07-28 06:15:03	2012-07-28 06:15:16	2012-07-28 06:20:16	X-Art - Pretty Back Door Baby - Lindsay [720p].wmv
2012-07-28 06:58:02	2012-07-28 06:58:37	2012-07-28 06:58:47	2012-07-28 07:00:51	X-Art - Pretty Back Door Baby - Lindsay [720p].wmv
2012-07-28 06:58:02	2012-07-28 06:58:37	2012-07-28 06:58:47	2012-07-28 07:00:51	X-Art - Pretty Back Door Baby - Lindsay [720p].wmv
2012-07-28 06:59:11	2012-07-28 06:59:45	2012-07-28 06:59:57	2012-07-28 07:00:51	X-Art - Pretty Back Door Baby - Lindsay [720p].wmv
2012-07-28 06:59:11	2012-07-28 06:59:45	2012-07-28 06:59:57	2012-07-28 07:00:51	X-Art - Pretty Back Door Baby - Lindsay [720p].wmv
2012-07-28 08:51:00	2012-07-28 08:51:34	2012-07-28 08:51:46	2012-07-28 08:56:46	X-Art - Pretty Back Door Baby - Lindsay [720p].wmv
2012-07-28 08:51:00	2012-07-28 08:51:34	2012-07-28 08:51:46	2012-07-28 08:56:46	X-Art - Pretty Back Door Baby - Lindsay [720p].wmv
2012-07-28 08:52:57	2012-07-28 08:53:31	2012-07-28 08:53:42	2012-07-28 08:58:42	X-Art - Pretty Back Door Baby - Lindsay [720p].wmv
2012-07-28 08:52:57	2012-07-28 08:53:31	2012-07-28 08:53:42	2012-07-28 08:58:42	X-Art - Pretty Back Door Baby - Lindsay [720p].wmv
2012-07-29 01:58:07	2012-07-29 01:58:45	2012-07-29 01:58:55	2012-07-29 02:03:55	X-Art - Pretty Back Door Baby - Lindsay [720p].wmv
2012-07-29 01:58:07	2012-07-29 01:58:45	2012-07-29 01:58:55	2012-07-29 02:03:55	X-Art - Pretty Back Door Baby - Lindsay [720p].wmv
2012-07-29 03:46:07	2012-07-29 03:46:42	2012-07-29 03:46:51	2012-07-29 03:51:51	X-Art - Pretty Back Door Baby - Lindsay [720p].wmv
2012-07-29 03:46:07	2012-07-29 03:46:42	2012-07-29 03:46:51	2012-07-29 03:51:51	X-Art - Pretty Back Door Baby - Lindsay [720p].wmv
2012-07-29 03:46:51	2012-07-29 03:47:26	2012-07-29 03:47:37	2012-07-29 03:52:37	X-Art - Pretty Back Door Baby - Lindsay [720p].wmv
2012-07-29 03:46:51	2012-07-29 03:47:26	2012-07-29 03:47:37	2012-07-29 03:52:37	X-Art - Pretty Back Door Baby - Lindsay [720p].wmv
2012-07-29 06:58:37	2012-07-29 06:59:12	2012-07-29 06:59:24	2012-07-29 07:04:24	X-Art - Pretty Back Door Baby - Lindsay [720p].wmv
2012-07-29 06:58:37	2012-07-29 06:59:12	2012-07-29 06:59:24	2012-07-29 07:04:24	X-Art - Pretty Back Door Baby - Lindsay [720p].wmv
2012-07-29 07:01:56	2012-07-29 07:02:31	2012-07-29 07:02:42	2012-07-29 07:07:42	X-Art - Pretty Back Door Baby - Lindsay [720p].wmv
2012-07-29 07:01:56	2012-07-29 07:02:31	2012-07-29 07:02:42	2012-07-29 07:07:42	X-Art - Pretty Back Door Baby - Lindsay [720p].wmv
2012-07-30 20:14:16	2012-07-30 20:15:12	2012-07-30 20:15:24	2012-07-30 20:20:20	X-Art - Pretty Back Door Baby - Lindsay [720p].wmv
2012-07-30 20:14:16	2012-07-30 20:15:12	2012-07-30 20:15:24	2012-07-30 20:20:20	X-Art - Pretty Back Door Baby - Lindsay [720p].wmv
2012-08-04 20:06:05	2012-08-04 20:06:39	2012-08-04 20:06:52	2012-08-04 20:11:52	X-Art - Pretty Back Door Baby - Lindsay [720p].wmv
2012-08-04 20:06:05	2012-08-04 20:06:39	2012-08-04 20:06:52	2012-08-04 20:11:52	X-Art - Pretty Back Door Baby - Lindsay [720p].wmv
2012-08-31 15:58:47	2012-08-31 15:59:22	2012-08-31 15:59:33	2012-08-31 16:01:36	X-Art - Pretty Back Door Baby - Lindsay [720p].wmv
2012-08-31 15:58:47	2012-08-31 15:59:22	2012-08-31 15:59:33	2012-08-31 16:01:36	X-Art - Pretty Back Door Baby - Lindsay [720p].wmv
2012-09-09 10:09:32	2012-09-09 10:10:06	2012-09-09 10:10:18	2012-09-09 10:15:18	X-Art - Pretty Back Door Baby - Lindsay [720p].wmv
2012-09-09 10:09:32	2012-09-09 10:10:06	2012-09-09 10:10:18	2012-09-09 10:15:18	X-Art - Pretty Back Door Baby - Lindsay [720p].wmv

Session Start	Transfer Start	Transfer End	Session End	Filename
2012-09-09 20:32:57	2012-09-09 20:33:32	2012-09-09 20:33:43	2012-09-09 20:38:43	X-Art - Pretty Back Door Baby - Lindsay [720p].wmv
2012-09-09 20:32:57	2012-09-09 20:33:32	2012-09-09 20:33:43	2012-09-09 20:38:43	X-Art - Pretty Back Door Baby - Lindsay [720p].wmv

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 reconstruct the case restoring the whole transferred 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.
- 7 We pretend the interest of the piece(s) offered by the opponent.
- 8 Opponent has sent us a positive reply, meaning we should go forward.
- 9 We request the correlating torrent piece from the opponent.
- 10 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 7, 2012 01:17:31.868243000 UTC	98.220.43.119:64066	192.168.110.200:59216	TCP	66	64066 > 59216 [SYN] Seq=0 Win=8192 Len=0 MSS=1460 WS=4 SACK_PERM=1
2	Jun 7, 2012 01:17:31.997369000 UTC	98.220.43.119:64066	192.168.110.200:59216	BitTorrent	122	Handshake b17e6cbb71ff9e931ed034cfc5ec7a3b8f29bb1e
3	Jun 7, 2012 01:17:31.999644000 UTC	192.168.110.200:59216	98.220.43.119:64066	BitTorrent	531	Handshake Extended Bitfield, Len:0x146 b17e6cbb71ff9e931ed034cfc5ec7a3b8f29bb1e
4	Jun 7, 2012 01:17:33.277283000 UTC	98.220.43.119:64066	192.168.110.200:59216	BitTorrent	860	Extended Bitfield, Len:0x146 Have, Piece (Idx:0x1f0) Have, Piece (Idx:0xde) Have, Piece (Idx:0x93b) Have, Piece (Idx:0x585) Have, Piece (Idx:0x637) Have, Piece (Idx:0x99a) Have, Piece (Idx:0x322) Have, Piece (Idx:0x909) Have, Piece (Idx:0x145) Have, Piece (Idx:0x74a) Have, Piece (Idx:0x38) Have, Piece (Idx:0x94e) Have, Piece (Idx:0x44f) Have, Piece (Idx:0x94d) Have, Piece (Idx:0x8da) Have, Piece (Idx:0x172) Have, Piece (Idx:0x224) Have, Piece (Idx:0x34f) Have, Piece (Idx:0x7a7) Have, Piece (Idx:0x7ea) Have, Piece (Idx:0x80f) Have, Piece (Idx:0x23) Have, Piece (Idx:0x3f5) Have, Piece (Idx:0x826) Port
5	Jun 7, 2012 01:17:33.279219000 UTC	192.168.110.200:59216	98.220.43.119:64066	BitTorrent	61	Port
6	Jun 7, 2012 01:17:35.898302000 UTC	98.220.43.119:64066	192.168.110.200:59216	BitTorrent	134	Extended
7	Jun 7, 2012 01:18:03.281685000 UTC	192.168.110.200:59216	98.220.43.119:64066	BitTorrent	59	Interested
8	Jun 7, 2012 01:18:03.877740000 UTC	98.220.43.119:64066	192.168.110.200:59216	BitTorrent	60	Unchoke
9	Jun 7, 2012 01:18:03.878532000 UTC	192.168.110.200:59216	98.220.43.119:64066	BitTorrent	71	Request, Piece (Idx:0x32b, Begin:0x0, Len:0x4000)
10	Jun 7, 2012 01:18:17.456815000 UTC	98.220.43.119:64066	192.168.110.200:59216	BitTorrent	391	Piece, Idx:0x32b, Begin:0x0, Len:0x4000
11	Jun 7, 2012 01:18:47.457812000 UTC	192.168.110.200:59216	98.220.43.119:64066	BitTorrent	58	BitTorrent
12	Jun 7, 2012 01:19:17.458078000 UTC	192.168.110.200:59216	98.220.43.119:64066	BitTorrent	58	BitTorrent
13	Jun 7, 2012 01:19:47.458845000 UTC	192.168.110.200:59216	98.220.43.119:64066	BitTorrent	58	BitTorrent
14	Jun 7, 2012 01:20:09.837990000 UTC	98.220.43.119:64066	192.168.110.200:59216	BitTorrent	60	BitTorrent
15	Jun 7, 2012 01:22:10.826186000 UTC	98.220.43.119:64066	192.168.110.200:59216	BitTorrent	60	BitTorrent
16	Jun 7, 2012 01:23:17.458151000 UTC	192.168.110.200:59216	98.220.43.119:64066	TCP	54	59216 > 64066 [FIN, ACK] Seq=519 Ack=17365 Win=42496 Len=0
17	Jun 7, 2012 01:23:17.619203000 UTC	98.220.43.119:64066	192.168.110.200:59216	TCP	60	64066 > 59216 [FIN, ACK] Seq=17365 Ack=520 Win=65180 Len=0