



# Click It Up: Targeting Local Government Payment Portals

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## CASE STUDY OVERVIEW

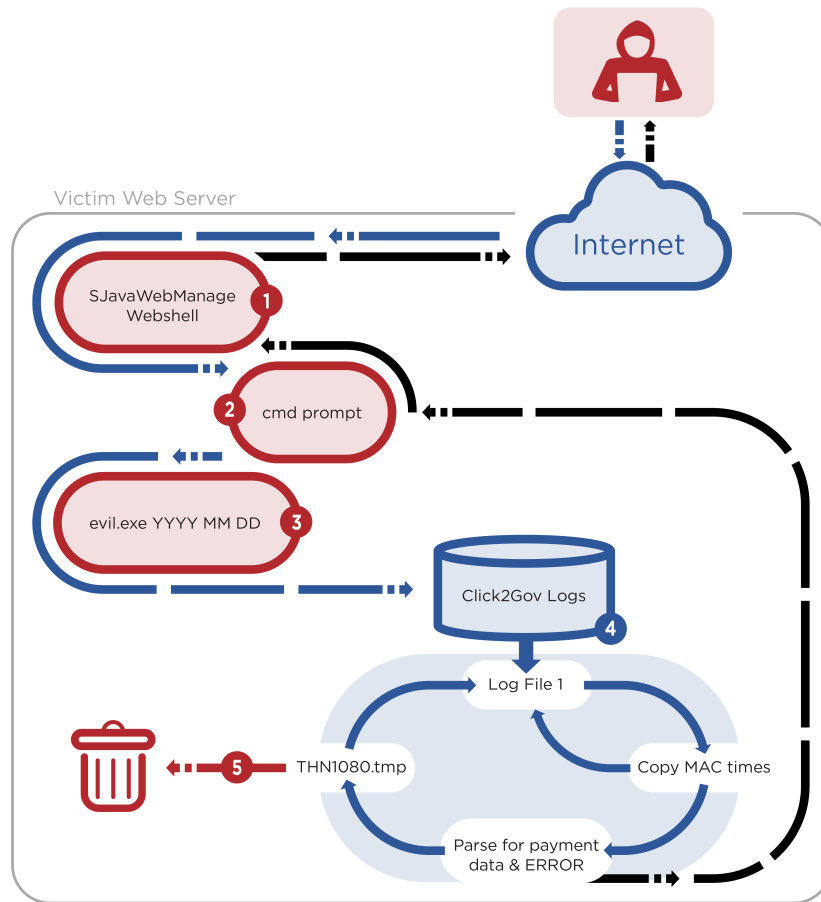
- Targeting on-premise Click2Gov instantiations since October 2017
- Exploit WebLogic vulnerability
- Upload SJavaWebManage webshell
- Install FIREALARM and harvest payment card data via console
- Upgrade to SPOTLIGHT, sniffed HTTP traffic for payment card data
- Get paid

<https://www.fireeye.com/blog/threat-research/2018/09/click-it-up-targeting-local-government-payment-portals.html>

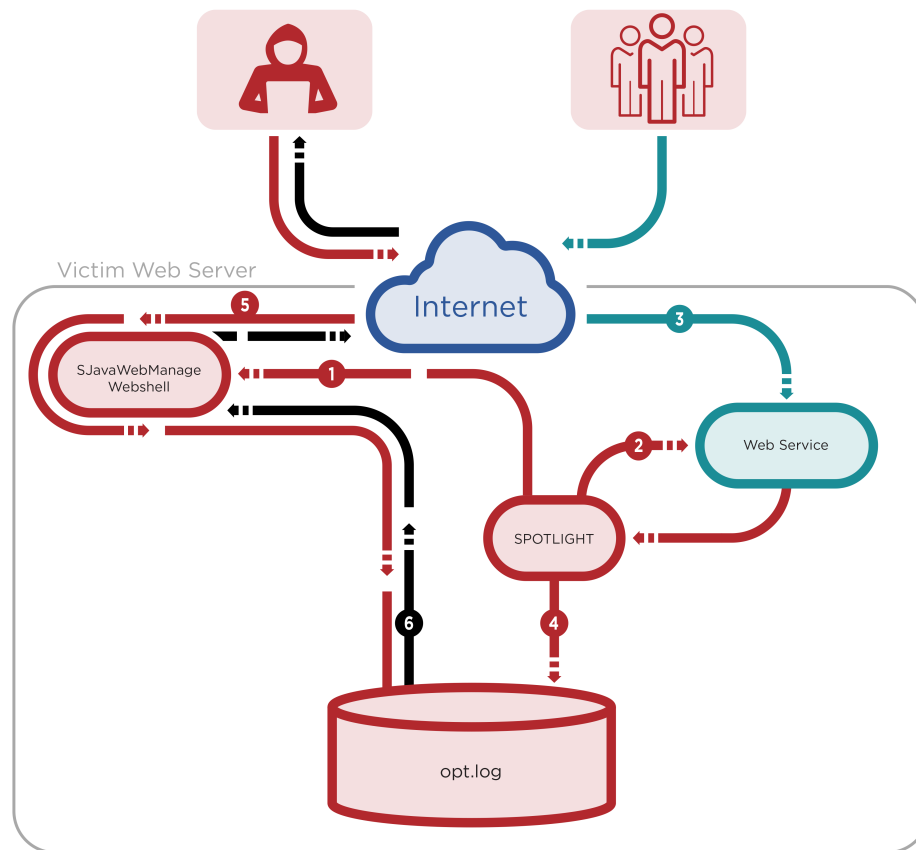
# SJavaWebManage

EnvsInfo FileManager CMDS DBManage					
Path: C:/		Change	File Path:	Browse...	Upload Backwards
view (C:/) view (D:/) (WebRootPath) new file1 new file2					
FileName	UpdateTime	Read/Write	Size	Operation	
<input type="checkbox"/> \$Recycle Bin	2015-03-19 12:37:35	true/true	0Byte	pack	delete time
<input type="checkbox"/> autoexec.bat	2009-06-10 03:42:20	true/true	24Byte	edit down	pack delete time
<input type="checkbox"/> Boot	2015-03-19 02:33:45	true/true	4.00KB	pack	delete time
<input type="checkbox"/> bootmgr	2010-11-20 02:29:06	true/false	374.00KB	edit down	pack delete time
<input type="checkbox"/> BOOTSECT.BAK	2015-03-19 02:33:45	true/false	8.00KB	edit down	pack delete time
<input type="checkbox"/> config.sys	2009-06-10 03:42:20	true/true	10Byte	edit down	pack delete time
<input type="checkbox"/> Documents and Settings	2015-03-19 12:36:49	true/true	4.00KB	pack	delete time
<input type="checkbox"/> pagefile.sys	1969-12-31 05:00:00	false/false	1024.00M	edit down	pack delete time
<input type="checkbox"/> PerfLogs	2009-07-13 08:37:05	true/true	0Byte	pack	delete time
<input type="checkbox"/> Program Files	2018-08-17 03:19:40	true/true	8.00KB	pack	delete time

# FIREALARM



# SPOTLIGHT



#Fail



6 files found

File	Ratio	First sub.	Last sub.	Times sub.	Sources	Size
<input type="checkbox"/> <a href="#">42f0bccdc6e428ee695cca30c1384fb46e3a0d60f08862d7d6ab990214da95291300d1f87b73d953e20e25fd8373c85</a> 	32 / 68	2018-05-08 15:23:13	2018-05-23 07:55:52	1	1	161.5 KB
<input type="checkbox"/> <a href="#">a7b7d65abd5d161a964d1b1d60361b8c2faad87eea31544ac7d5b3f34d7b335e2c2d8bad36ac3e446797c485ce8b394</a> 	33 / 66	2018-04-06 18:18:42	2018-09-20 04:22:36	5	4	113.5 KB
<input type="checkbox"/> <a href="#">cb8547e3bdf0ad4e6b5ae58141662a30853aae4d705f0c1a0b8cbaa8685b1d1391eaca79943c972cb2ca7ee0e462922c</a> 	8 / 53	2018-05-08 15:24:45	2018-06-12 15:19:35	2	2	51.9 KB
<input type="checkbox"/> <a href="#">7433e76aab9ad98c9790fceb8f64bd1719ed04b7f5ab1e071efa677187ad7cbd70068de37d39a7a01699c99cdeb7fa2b</a> 	33 / 68	2018-05-07 17:32:11	2018-05-28 19:58:31	1	1	161.5 KB
<input type="checkbox"/> <a href="#">32ca2aecc5475fd158d19b487a140e16dd6ec8b6f3445d3da8947e3a50e8ba3c3bca4c659138e769157f49942824b61f</a> 	26 / 67	2018-06-12 15:22:43	2018-06-12 15:22:43	1	1	161.0 KB
<input type="checkbox"/> <a href="#">ecf43efae44a4fb4078bc7da76e07cc10fe4e92fc145b58d7999f0cc2b902cdec155b8cd261a6ed33f264e710ce300e</a> 	13 / 58	2018-07-25 16:16:06	2018-08-01 11:19:11	2	2	51.4 KB

Lame