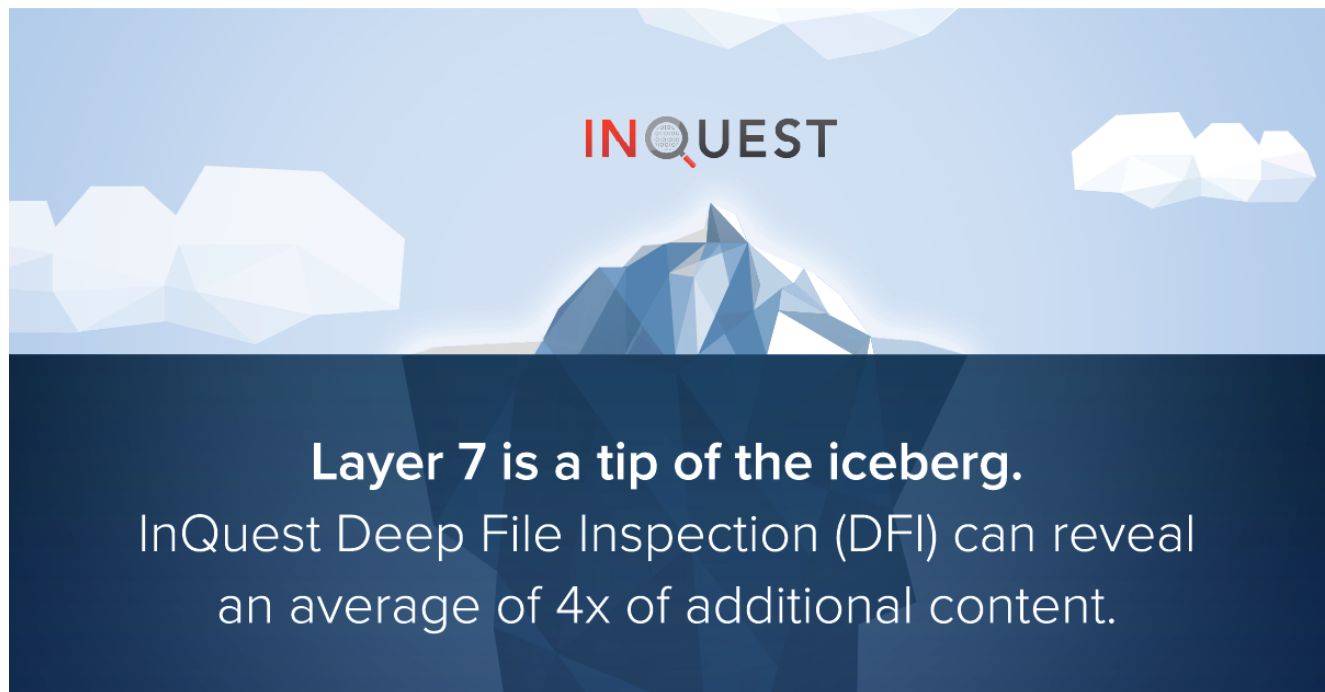


Office Files, RTF files, Shellcode and more shenanigans

inquest.net/blog/2022/08/29/office-files-rtf-files-shellcode-and-more-shenanigans



In a previous [post](#), we discussed the “@” symbol used to separate an apparent legitimate URL from the real target. In this case, there has been a small flood using the URL of “http://jmcglone.com@” with many different URLs or IP addresses after the “@” symbol. If we look at the VirusTotal information for this page, we see the online scan says it is clean and that it has also been around for ten years.

The screenshot shows the VirusTotal domain analysis page for jmcglone.com. The browser address bar shows the URL: [virustotal.com/gui/domain/jmcglone.com](https://www.virustotal.com/gui/domain/jmcglone.com). The page displays a search bar with the text "URL, IP address, domain, or file hash" and a "Sign up" button. A green circular progress indicator shows 0 / 94. A green notification icon indicates "At least 10 detected files embedding this domain". The domain name "jmcglone.com" is shown with a "top-1M" badge. Metadata includes: Registrar: DREAMHOST, Creation Date: 10 years ago, Last Updated: 5 months ago. The "DETECTION" tab is active, showing "Security Vendors' Analysis" with a table of results:

Vendor	Result	Vendor	Result
Abusix	Clean	Acronis	Clean
ADMINUSLabs	Clean	AICC (MONITORAPP)	Clean
AlienVault	Clean	alphaMountain.ai	Clean

This web page is never actually called, it is the URL after the “@” symbol that is called!

labs.inquest.net/dfi/search/ioc/domain/jmcglone.com#eyJyZXN1bHRzJjpbLn4lCjmaXzdfNlZlZW4iDEsllsW11dfQ==

INQUEST LABS | INDICATOR LOOKUP | HOME | DFI | REP-DB | IOC-DB | YARA | SOCIAL | ABOUT | Newsletter

DFI, Deep File Inspection (DFI) | Files: 3.4M, Artifacts: 463.8M | Inspect file(s)

Search by: Indicators of Compromise (IOCs) | Embedded Artifacts: Looks like: Domain Name | Indicator: jmcglone.com | Filtration: Show all results

Search | Reset

Showing records 1-25 of 116 | Summary: Search | Copy 116 unique hashes | Share Link

Seen [1]	SHA256	m1	+	lb	Size	Subcategory	Type	IOC	Context	Code	OCR	Metadata		
2022-08-25	a67eccc8b83ccc3bacf013d51976cd8076b8476388f8b...	MALICIOUS	U	16	5	10.3KB	maldoc_hunter	DOC	31	268	0B	0B		
2022-08-25	ebf0015629c3f5e55256e1e613bc7c90b1a1f3badd5aa...	MALICIOUS	U	17	5	10.3KB	maldoc_hunter	DOC	31	268	0B	0B		
2022-08-24	19ccc47b94ab378ceb0e1e25479c9915887f322b3ed9f...	MALICIOUS	U	20	11	98.8KB	maldoc_hunter	OTHER	29	137B	0B	336B	45B	
2022-08-24	98a758d9ade26525e8486800b2dc90cbabe01a64991...	MALICIOUS	U	21	11	99.3KB	maldoc_hunter	OTHER	0	137B	0B	336B	45B	
2022-08-24	2df53917180960288e5f5c48dbc0415b846d2370348f4...	MALICIOUS	U			98.8KB	malware_basear	OTHER	29	137B	0B	336B	45B	
2022-08-24	15f084eb35d319bda0e7875e673cccfa32b64adeac35...	MALICIOUS	U	18	9	98.8KB	maldoc_hunter	OTHER	0	137B	0B	336B	45B	
2022-08-24	fa13cfeb0c1b09ca0f0578e9a09c44025415077e3f18ec...	MALICIOUS	U	19	9	98.8KB	maldoc_hunter	OTHER	0	137B	0B	336B	45B	

Running a search in InQuest Labs for that domain name we find there are currently 116 hits for it.

Overview | Share Link

Malicious

MIME Type: application/encrypted
 Subcategory: **maldoc_hunter**
 MD5: 18588a643389e646f8ae7e056cb0f063
 SHA1: 77954027537f809c3d7f63cdeb7d06c68d9fff21
 SHA256: 6e68b6175b31b547ad24375b7c5951e51aa1b37cbb3cd39d7ec5b2108fbac40
 SHA512: 3e163d277b42e6157640038155fbd6507437eb7a82e11bc15f72a664204a49445fdb59a41517e0bcf01d7f32071527b12c0b551e08567a493a150944ac413fb
 Size: 59,392B
 DFI Size: 273,596B (360.66% increase in inspectable content)
 First seen: 2022-08-23 15:38:07
 Last Updated: 2022-08-23 15:39:28
 Last DFI: 2022-08-23 15:39:06

[virustotal positives:16 weight:6.1]

Heuristics | Share Link

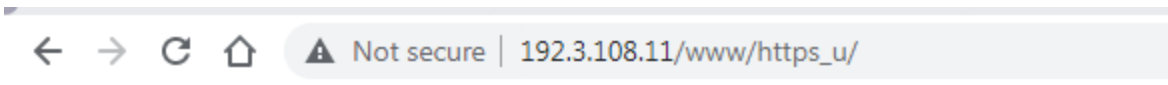
Document With Minimal Content: Document contains less than 1 kilobyte of semantic information.

Excel_Macro_Manipulates_Hidden_Sheets: Detected macro logic designed to hide a sheet within the current, or another spreadsheet. This technique is not necessarily indicative of malicious behavior as hidden sheets have legitimate uses.[reference]

We usually find that these documents have little or no content in them and have an external relationship or external link. File found [here](#).



Here we see how they are sent, and only the data after the “@” is actually called. Again these will download an RTF document and using CVE-2017-1182 it will decode the embedded shellcode and then call out to download the final malware.

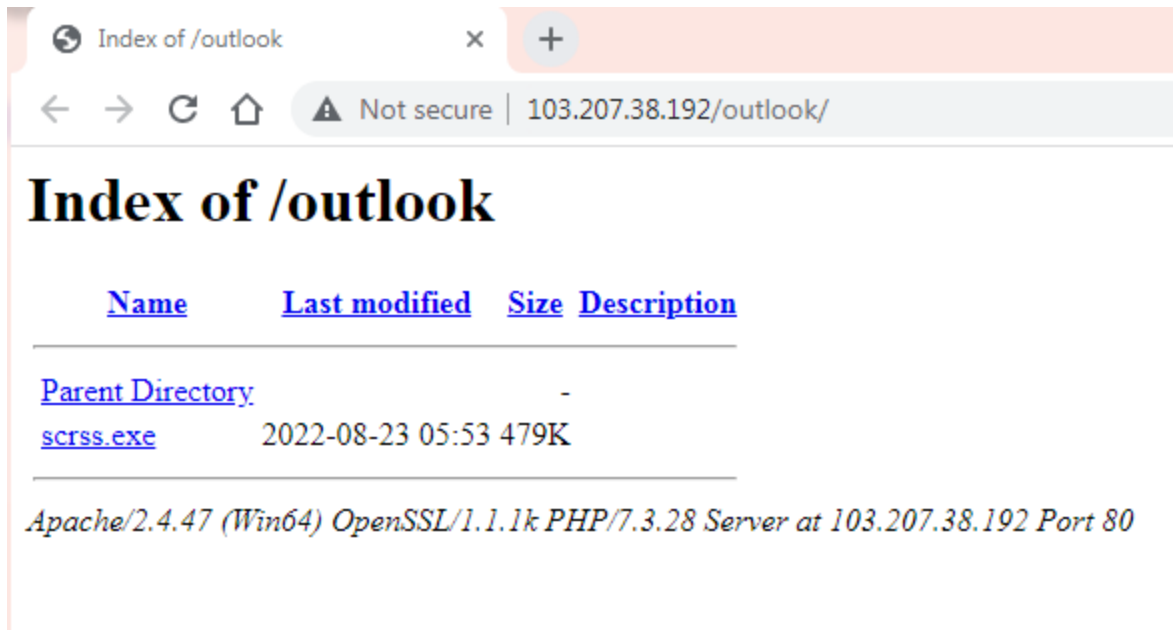


Index of /www/https_u

<u>Name</u>	<u>Last modified</u>	<u>Size</u>	<u>Description</u>
 Parent Directory		-	
 www.doc	2022-08-23 02:16	25K	

Apache/2.4.53 (Win64) OpenSSL/1.1.1n PHP/8.0.19 Server at 192.3.108.11 Port 80

We find that this site has an open directory. Pretty much every one checked had an open directory.

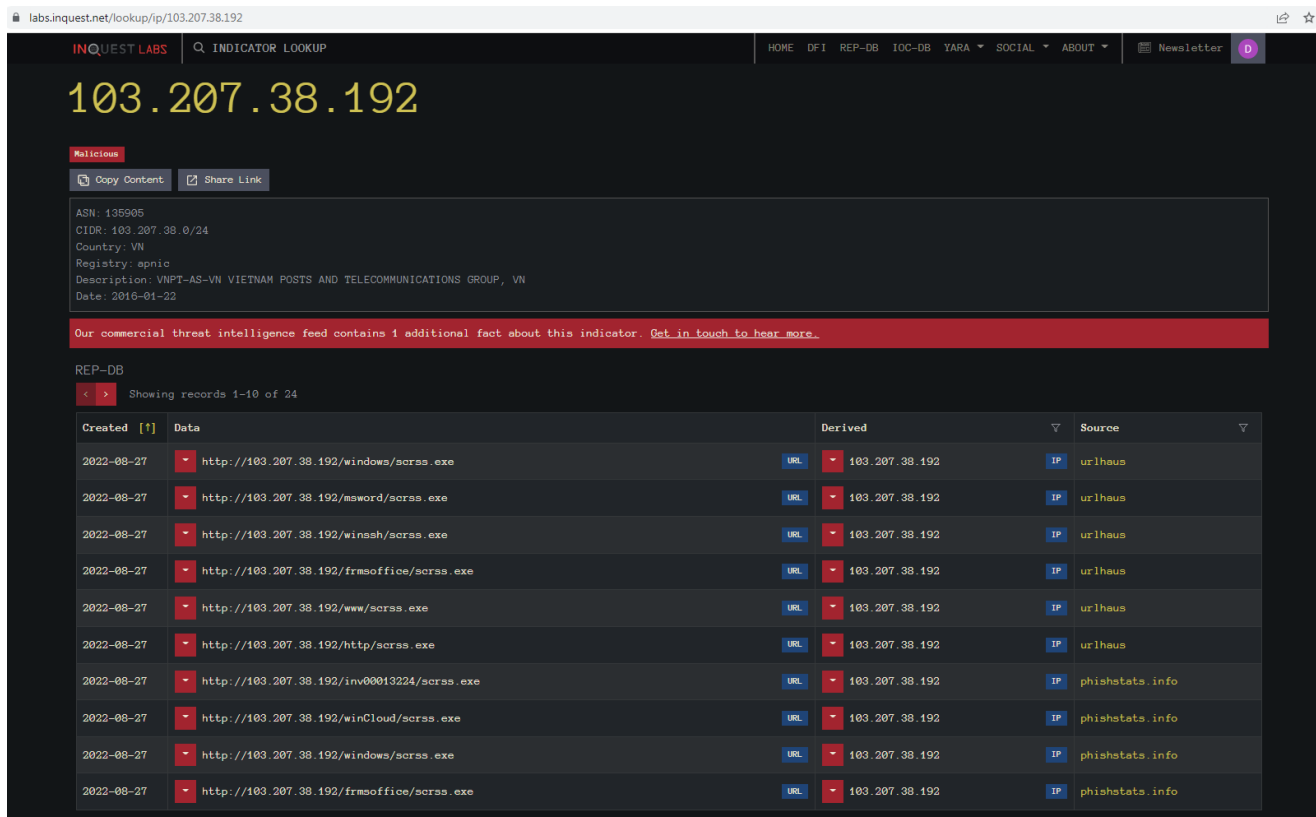


We can see that this file is in an open directory too.

SHA256:

275DB34B1B3D894ED18FBA50F477CA897BB3656682C7D0EF2941BD7C696E9F80

Running this sample thru a sandbox ID's it as GuLoader. You can find the sample [Here](#) on MalwareBazaar.





Using the Indicator lookup on the IP for the downloaded file we can see there were several hits for it and the IP is detected as malicious.

Offline Malware sites @:	2 (25%)
Newest active malware site @:	2022-08-18 07:44:06 UTC
Oldest active malware site @:	2022-07-27 22:18:06 UTC (Age: 1 month, 0 days, 21 hours, 1 minutes)

IP addresses

The table below shows all IP address observed for this particular host (in case the host is a domain name, all A records will be listed - including all historical ones). Please note that the output is limited to 10 entries.

Firstseen (UTC)	IP address	Hostname	SBL	ASN	Country	Active?
2022-07-27 20:52:07	 103.207.38.192		SBL527638	AS135905 VNPT-AS-VN	 VN	yes

Malware URLs

The table below shows all malware URLs that are associated with this particular host.

Dateadded (UTC)	URL	Status	Tags	Reporter
2022-08-18 07:44:06	http://103.207.38.192/http/scrss.exe	Online	32 exe Formbook	@zbetcheckin
2022-08-18 07:29:07	http://103.207.38.192/www/scrss.exe	Online	32 exe GuLoader	@zbetcheckin
2022-08-18 07:29:06	http://103.207.38.192/frmsoffice/scrss.exe	Online	32 exe Formbook	@zbetcheckin
2022-08-18 07:28:06	http://103.207.38.192/winssh/scrss.exe	Online	32 exe Formbook	@zbetcheckin
2022-08-18 06:03:06	http://103.207.38.192/msword/scrss.exe	Online	exe GuLoader opendir	@abuse_ch
2022-07-28 12:10:07	http://103.207.38.192/inv00013224/scrss.exe	Offline	AveMariaRAT exe	@abuse_ch
2022-07-27 22:18:06	http://103.207.38.192/windows/scrss.exe	Online	32 AveMariaRAT exe	@zbetcheckin
2022-07-27 20:52:07	http://103.207.38.192/winCloud/scrss.exe	Offline	AveMariaRAT exe opendir rat	@abuse_ch

© abuse.ch 2022

Pivoting on the first link from the Lookup window to UrlHaus we can see that the same IP is used for more than one path. We can also see that it will contain many different malware families with the same File name. Looking at a second [file](#), we can see that the URL in front of the “@” symbol is different.

“hxxp://www.mygreatlearning[.]com@192.3.108[.]11/vnc/https_n/www.doc”



labs.inquest.net/lookup/domain/mygreatlearning.com

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mygreatlearning.com

Unknown | Top Million

Copy Content | Share Link

IP: 35.154.199.149
 ASN: 16509
 CIDR: 35.154.0.0/16
 Country: US
 Registry: arin
 Description: AMAZON-02, US
 Date: 2016-08-09
 Website Popularity Rank: 31,820 out of 1,000,000
 DNSSEC: Disabled
 Registrar: ?
 Registrar: GoDaddy.com, LLC
 Name servers: ns-1560.awsdns-03.co.uk, ns-1121.awsdns-12.org, ns-950.awsdns-54.net, ns-44.awsdns-05.com
 Registered: 2019-05-06
 Updated: 2022-02-06
 Expires: 2024-05-06

DFI

Showing records 1-10 of 28

Summary: Search | Copy 28 unique hashes

Seen [1]	SHA256	m1	+	1b	Size	Subcategory	Type	IOC	Context	Code	OCR	Metadata		
2022-08-27	b125818f49d5d2c8b9c6f46e09aabb817515b3d211560...	MALICIOUS	u	22	8	81.3KB	maldoc_hunter	XLS	0	137B	0B	620B	1.5KB	
2022-08-27	5db03537503125d015e4d3e23d3aed40e7e98f661a622...	MALICIOUS	u			49.2KB	malware_basear	OTHER	29	137B	0B	49B	20B	
2022-08-26	6c040dd526fced2c0486118c7ce776ad919bcabd1b6bc...	MALICIOUS	u	17	4	10.4KB	maldoc_hunter	DOC	31	26B	0B	0B	0B	
2022-08-26	1e441fb06eda90095ba98a779c53d195d2ecc206ac33...	MALICIOUS	u	16	7	49.2KB	maldoc_hunter	OTHER	29	137B	0B	49B	20B	
2022-08-26	4661653ffa7401f19965637dd8dabd37c1b6e985e3f9d...	MALICIOUS	u	17	8	70KB	maldoc_hunter	OTHER	29	137B	0B	620B	1.5KB	
2022-08-26	5232703637f387c0862c4f740943e90b42ba7f75aa5d9...	MALICIOUS	u	17	4	10.4KB	maldoc_hunter	DOC	0	26B	0B	0B	0B	
2022-08-26	9adb98f285da6545185c0bce0fc3e8a6e590d69e682f...	MALICIOUS	u	16	4	10.3KB	maldoc_hunter	DOC	0	188B	0B	0B	0B	

Using the Indicator Lookup we find that we have 28 files currently with that URL.

labs.inquest.net/lookup/ip/192.3.108.11

INQUEST LABS | INDICATOR LOOKUP | HOME | DFI | REP-DB | IOC-DB | YARA | SOCIAL | ABOUT | Newsletter

192.3.108.11

Malicious

Copy Content | Share Link

ASN: 36352
 CIDR: 192.3.108.0/22
 Country: US
 Registry: arin
 Description: AS-COLOCROSSING, US
 Date: 2013-06-07

Our commercial threat intelligence feed contains 1 additional fact about this indicator. [Get in touch to hear more.](#)

DFI

Showing records 1-10 of 28

Summary: Search | Copy 28 unique hashes

Seen	SHA256	ml	lb	Size	Subcategory	Type	IOC	Context	Code	OCR	Metadata	
2022-08-27	b125818f49d5d2c8b9c6f46e09aabb817515b3d211550...	MALICIOUS	U	22 8	81.3KB	maldoc_hunter	XLS	0	137B	0B	620B	1.5KB
2022-08-27	5db03537503125d015e4d3a23d3eed40a7a98f661a622...	MALICIOUS	U		49.2KB	malware_bazaar	OTHER	29	137B	0B	49B	20B
2022-08-26	1a441fb08eda60095ba98a779e53d195d2ecc206ac33...	MALICIOUS	U	16 7	49.2KB	maldoc_hunter	OTHER	29	137B	0B	49B	20B
2022-08-26	8a67cb26b59fa9cc8e3ac995ca74cb93a01cfec0ad1ba...	MALICIOUS	U	17 7	49.2KB	maldoc_hunter	OTHER	0	137B	0B	49B	20B
2022-08-26	fa490c0e29b4cf444bee6b5d4b79e87942231c7b703f5...	MALICIOUS	U		49.2KB	malware_bazaar	OTHER	0	137B	0B	49B	20B
2022-08-25	0ba8777e37b346d13858dec0b7ea7cf69aef721171f3c...	MALICIOUS	U	18 8	86KB	maldoc_hunter	OTHER	31	137B	0B	620B	1.5KB
2022-08-25	caf34bb51dd5364012b3a8aefc4ff7f8103c85c7b2732...	MALICIOUS	U		86KB	malware_bazaar	OTHER	31	137B	0B	620B	1.5KB
2022-08-25	70e729398350236c149c9bf1f22d2a18ea30a6dd50a68...	MALICIOUS	U	18 7	86KB	maldoc_hunter	OTHER	0	137B	0B	620B	1.5KB
2022-08-25	fa6bf44ab5c6ab1bbe4f2f7942b9299e5db3530ca447...	MALICIOUS	U	16 7	86KB	maldoc_hunter	OTHER	31	137B	0B	620B	1.5KB
2022-08-25	03d0c8538fc5697e924a1c2e0e2cc8404a735749ef0c1...	MALICIOUS	U	16 7	86KB	malshare.com	OTHER	32	137B	0B	620B	1.5KB

Going back and looking at the IP with the indicator lookup we see we still only have 28 files of various sizes.

REP-DB

Showing records 1-10 of 37

Created	Data	Derived	Source
2022-08-26	http://192.3.108.11/nmv/https_m/www.doc	URL 192.3.108.11	IP urlhaus
2022-08-26	http://192.3.108.11/nmv/https_e/www.doc	URL 192.3.108.11	IP urlhaus
2022-08-26	http://192.3.108.11/nmv/https_a/www.doc	URL 192.3.108.11	IP urlhaus
2022-08-26	http://192.3.108.11/nmv/https_d/www.doc	URL 192.3.108.11	IP urlhaus
2022-08-26	http://192.3.108.11/nmv/https_h/www.doc	URL 192.3.108.11	IP urlhaus
2022-08-26	http://192.3.108.11/nmv/https_o/www.doc	URL 192.3.108.11	IP urlhaus
2022-08-26	http://192.3.108.11/nmv/https_i/www.doc	URL 192.3.108.11	IP urlhaus
2022-08-26	http://192.3.108.11/nmv/https_k/www.doc	URL 192.3.108.11	IP urlhaus
2022-08-26	http://192.3.108.11/nmv/https_p/www.doc	URL 192.3.108.11	IP urlhaus
2022-08-26	http://192.3.108.11/nmv/https_n/www.doc	URL 192.3.108.11	IP urlhaus

Here we can see that there are multiple directory's using that IP address.

The table below shows all IP address observed for this particular host (in case the host is a domain name, all A records will be listed - including all historical ones). Please note that the output is limited to 10 entries.

Firstseen (UTC)	IP address	Hostname	SBL	ASN	Country	Active?
2022-08-24 06:25:05	📍 192.3.108.11	192-3-108-11-host.colocrossing.com	Not listed	AS36352 AS-COLOCROSSING	US	yes

Malware URLs

The table below shows all malware URLs that are associated with this particular host.

Dateadded (UTC)	URL	Status	Tags	Reporter
2022-08-25 06:24:04	http://192.3.108.11/nmv/https_e/www.doc	Offline	doc opendir	@abuse_ch
2022-08-25 06:24:04	http://192.3.108.11/nmv/https_j/www.doc	Offline	doc opendir	@abuse_ch
2022-08-25 06:24:04	http://192.3.108.11/nmv/https_f/www.doc	Offline	doc opendir	@abuse_ch
2022-08-25 06:24:04	http://192.3.108.11/nmv/https_c/www.doc	Offline	doc opendir	@abuse_ch
2022-08-25 06:24:04	http://192.3.108.11/nmv/https_g/www.doc	Offline	doc opendir	@abuse_ch
2022-08-25 06:24:04	http://192.3.108.11/nmv/https_b/www.doc	Offline	doc opendir	@abuse_ch
2022-08-25 06:24:04	http://192.3.108.11/nmv/https_n/www.doc	Offline	doc opendir	@abuse_ch
2022-08-25 06:24:04	http://192.3.108.11/nmv/https_p/www.doc	Offline	doc opendir	@abuse_ch
2022-08-25 06:24:04	http://192.3.108.11/nmv/https_k/www.doc	Offline	doc opendir	@abuse_ch
2022-08-25 06:24:04	http://192.3.108.11/nmv/https_i/www.doc	Offline	doc opendir	@abuse_ch
2022-08-25 06:24:04	http://192.3.108.11/nmv/https_o/www.doc	Offline	doc opendir	@abuse_ch
2022-08-25 06:24:04	http://192.3.108.11/nmv/https_h/www.doc	Offline	doc opendir	@abuse_ch
2022-08-25 06:24:04	http://192.3.108.11/nmv/https_d/www.doc	Offline	doc opendir	@abuse_ch
2022-08-25 06:24:04	http://192.3.108.11/nmv/https_a/www.doc	Offline	doc opendir	@abuse_ch
2022-08-25 06:24:03	http://192.3.108.11/nmv/https_l/www.doc	Offline	doc opendir	@abuse_ch
2022-08-25 06:23:04	http://192.3.108.11/nmv/https_m/www.doc	Offline	doc Loki opendir	@abuse_ch
2022-08-24 06:27:10	http://192.3.108.11/office/https_h/www.doc	Offline	doc opendir	@abuse_ch

Clicking the First link we can go to URLhaus, and we can see an indicator that they are already offline and it is an open Directory. I captured this sample before this screenshot above so what does this open directory look like.

Index of /vnc

Name	Last modified	Size	Description
Parent Directory		-	
https_a/	2022-08-25 13:17	-	
https_b/	2022-08-25 13:22	-	
https_c/	2022-08-25 13:23	-	
https_d/	2022-08-25 13:24	-	
https_e/	2022-08-25 13:24	-	
https_f/	2022-08-25 13:25	-	
https_g/	2022-08-25 13:26	-	
https_h/	2022-08-25 13:27	-	
https_i/	2022-08-25 13:27	-	
https_j/	2022-08-25 13:28	-	
https_k/	2022-08-25 13:32	-	
https_l/	2022-08-25 13:33	-	
https_m/	2022-08-25 13:35	-	
https_n/	2022-08-25 13:36	-	
https_o/	2022-08-25 13:37	-	
https_p/	2022-08-26 02:09	-	
https_q/	2022-08-26 02:10	-	
https_r/	2022-08-26 02:10	-	

Apache/2.4.53 (Win64) OpenSSL/1.1.1n PHP/8.0.19 Server at 192.3.108.11 Port 80

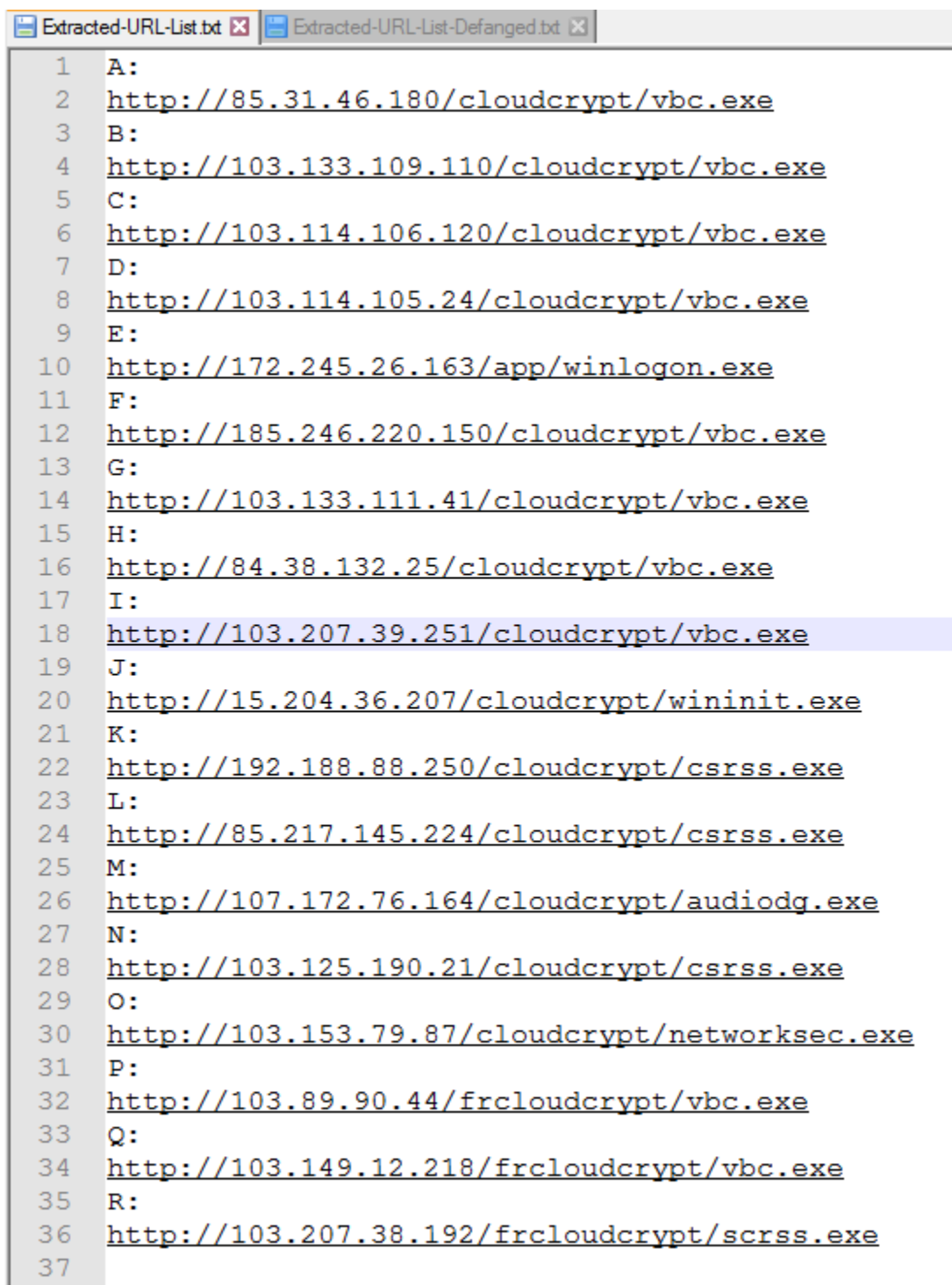
Here we see it has multiple sub-directories.

Index of /vnc/https_a

Name	Last modified	Size	Description
Parent Directory		-	
www.doc	2022-08-25 12:51	21K	

Apache/2.4.53 (Win64) OpenSSL/1.1.1n PHP/8.0.19 Server at 192.3.108.11 Port 80

Opening the first one we see that in this case there is only one file per subdirectory. They all had the same filename name as well.



```
1 A:
2 http://85.31.46.180/cloudcrypt/vbc.exe
3 B:
4 http://103.133.109.110/cloudcrypt/vbc.exe
5 C:
6 http://103.114.106.120/cloudcrypt/vbc.exe
7 D:
8 http://103.114.105.24/cloudcrypt/vbc.exe
9 E:
10 http://172.245.26.163/app/winlogon.exe
11 F:
12 http://185.246.220.150/cloudcrypt/vbc.exe
13 G:
14 http://103.133.111.41/cloudcrypt/vbc.exe
15 H:
16 http://84.38.132.25/cloudcrypt/vbc.exe
17 I:
18 http://103.207.39.251/cloudcrypt/vbc.exe
19 J:
20 http://15.204.36.207/cloudcrypt/wininit.exe
21 K:
22 http://192.188.88.250/cloudcrypt/csrss.exe
23 L:
24 http://85.217.145.224/cloudcrypt/csrss.exe
25 M:
26 http://107.172.76.164/cloudcrypt/audiodg.exe
27 N:
28 http://103.125.190.21/cloudcrypt/csrss.exe
29 O:
30 http://103.153.79.87/cloudcrypt/networksec.exe
31 P:
32 http://103.89.90.44/frcloudcrypt/vbc.exe
33 Q:
34 http://103.149.12.218/frcloudcrypt/vbc.exe
35 R:
36 http://103.207.38.192/frcloudcrypt/scrss.exe
37
```

Going thru each subfolder and decoding the shellcode gives us this list of links to the final malware files. At the time of writing this not all links were still active so the final malware was not Downloaded.

```
44ff72cde2a2ea2d0b4d24a29eb5211b9bfab4320cd1cd1e0d3388196bd6b811
5a45a186f3a839d3e0e5665a4586bcb274548ebc8f3e9c0a8f380a61c287588d
6c4452cba037fd16c4645244b02f98154b28f03b4936531e04aac27e74993b60
```

736330aaa3a4683d3cc866153510763351a60062a236d22b12f4fe0f10853582
892dbbf96b0dfceaed934bc1c9217ff5efb260f954c251c4555f4c122be6994f
b12ae2a6e36a78e3fe5ace248cf1c26beaaa3800f185928aaa8c4bddd98913c5
c22327d04baefd48d8c2d90173c47211bdac29b4654fab872e2eee22738ee044
f541ca7eef56b206c61004b37a65c0b05f753573c0cc9b6dbbcda44d7a3b4a66

Here is a unique list of hashes for those files that could be downloaded. The detected families varied and it even contained a putty.exe. The next thing we find is a series of Link shorteners used.

If we look at this one posted on Twitter by InQuest [here](#) .



InQuest
@InQuest



Potentially malicious RTF document found hosted at:

hxxps://iqcode.com@l-k[.]one/IQNS


SHA256:

ae5b0ae87be9c029668d09e5579ad9b45ca0eab614f3c986eec12766cdcde4f4

IOC extracted from sample:

labs.inquest.net/dfi/hash/94d77...

(Automated Tweet, maybe a FP)

	<p>labs.inquest.net InQuest Labs - InQuest.net InQuest Labs is an open API and interactive research portal designed to empower individual analysts with the tools and ...</p>
---	---

10:57 AM · Aug 24, 2022 · inquest-labs-specops

3 Retweets 1 Like



Expanded URL

<http://l-k.one/IQNS>

Expand URL

Results for <http://l-k.one/IQNS>



Short URL: <http://l-k.one/IQNS>

Redirects: 2 (hide details)

1. <https://l-k.one/IQNS>

2. http://jmcglone.com@23.95.122.90/office/https_3.doc

Long URL: http://jmcglone.com@23.95.122.90/office/https_3.doc

Extra Information

Meta Keywords: *No Keywords*

Here we can see it expands to the original style of link we first seen.

Short URL: <https://washorty.herokuapp.com/DdujSID>

Redirects: 2 (hide details)

1. <https://blnk.in/73ozs>

2. <http://jmcglone.com@198.12.89.173/https/790.doc>

Long URL: <http://jmcglone.com@198.12.89.173/https/790.doc>

This one uses two different link shortners.



m4n0w4r
@kienbigmummy



🔥 #maldoc sample spread
#ModiLoader(#DBatLoader) was submitted from VN.



hash: 797ad98c5e34adaf78da488638b1bfe724d27508
44e2d67725b0e84a2aa14c06

☠️ external link->#mal rtf->contain #sc->download
#ModiLoader payload (1/2)

The image shows a VirusShare submission page for a file named 'STATEMENT.doc'. The file is 98.56 KB, submitted on 2022-08-26 15:21:41 UTC. The submission is from user 'm4n0w4r' from Vietnam. The file is identified as a 'Rich Text Format' document. The analysis shows several indicators, including 'Rich Text Format', 'RTF', and 'Container type'. A red arrow points from the 'RTF' indicator to a detailed view of the file's content, which shows a download link for 'scdbg' and a call to 'ModiLoader'. The detailed view also shows the file's metadata, including its SHA-256 hash and a link to the file's content.

Indicator	Value	Risk
File format	MS Word 2007+	Info
Container format	OpenXML	Info
Encrypted	False	None
MS Macros	No	None
External relationships	Yes	Info

```

sahf
jmp 0x401a1a v
shl byte [edi],0x41
call [edx-0x15fcd5d9]
sti

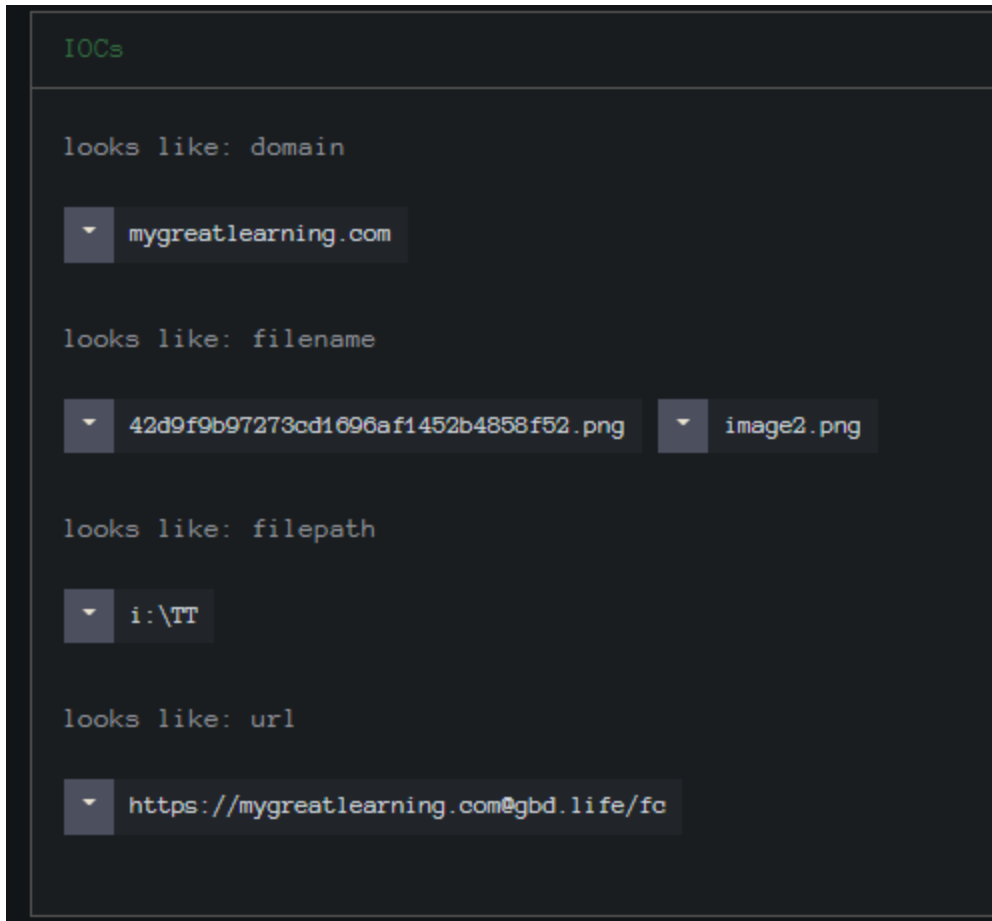
ntStringsW)
IC%\vbc.exe, dst=12fbd8, sz=104)
ew)
3.223.201/77/vbc.exe, C:\users\Public\vbc.exe)

ExecuteW step=41678
  
```

4:32 AM · Aug 27, 2022 · Twitter Web App

13 Retweets 40 Likes

I found this one [here](#) on Twitter by m4n0w4r @kienbigmummy and on InQuest Labs [here](#) .
We find another link shortner.



Results for http://gbd.life/fc



Title:	404 Not Found
Short URL:	http://gbd.life/fc
Redirects:	2 (hide details) <ol style="list-style-type: none"> https://gbd.life/fc http://192.3.223.201/office/update.dohtml
Long URL:	http://192.3.223.201/office/update.dohtml

As you can see from the screenshot above it follows the same pattern. This screenshot was just taken so the file may be down now noting the 404. As we have seen here they are reusing the IPs and URLs leaving an open directory. They just keep adding and removing sub-directories for the same IPs.

They are also experimenting with various Link shortening services to hide further the URLs they are calling out to. Lastly, we also see multiple malware families being dropped as the final malware.

So you never know what you are going to end up with these.

Links

Previous Post Link:

<https://inquest.net/blog/2022/07/05/automated-twitter-post-decoded-shellcode>

Link to the first sample on InQuest Labs:

<https://labs.inquest.net/dfi/sha256/6e66b6175b31b547ad24375b7c5961e51aa1b37cdb3cd39d7ec5b2108fbacb40>

Link to sample on MalwareBazaar:

<https://bazaar.abuse.ch/sample/275db34b1b3d894ed18fba50f477ca897bb3656682c7d0ef2941bd7c696e9f80/>

Link to the Second file on InQuest Labs:

<https://labs.inquest.net/dfi/sha256/fa490c0e29b4cf444bee6b6d4b79e87942231c7b703f54e8db4f0e7212cebcbc>

Link to Twitter post for first shortened Link:

<https://twitter.com/InQuest/status/1562469237595115520>

Link to m4n0w4r Twitter post:

<https://twitter.com/kienbigmummy/status/1563459518633111553>

Link to InQuest labs for sample:

<https://labs.inquest.net/dfi/sha256/797ad98c5e34adaf78da488638b1bfe724d2750844e2d67725b0e84a2aa14c06>

Tags

[in-the-wild labs walkthrough](#)