Infostealer Malware with Double Extension

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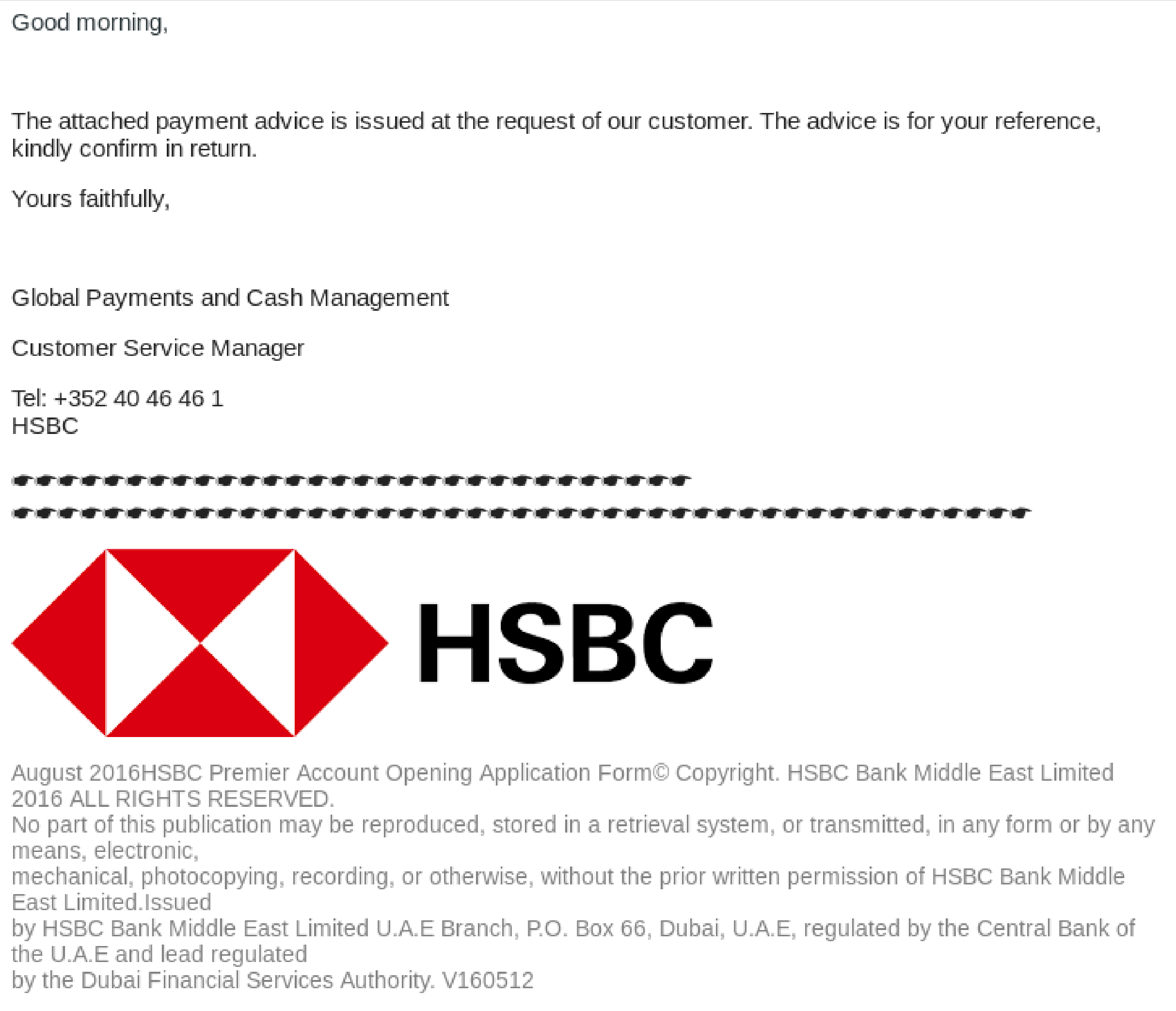
by Guy Bruneau (Version: 1)
2 comment(s)

Got this file attachment this week pretending to be from HSBC Global Payments and Cash Management. The attachment payment_copy.pdf.z is a rar archive, kind of unusual with this type of file archive but when extracted, it comes out as a double extension with pdf.exe. The file is a trojan infostealer and detected by multiple scanning engines.



Good morning,

The attached payment advice is issued at the request of our customer. The advice is for your reference, kindly confirm in return.

Yours faithfully,

Global Payments and Cash Management

Customer Service Manager

Tel: +352 40 46 46 1
HSBC

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HSBC

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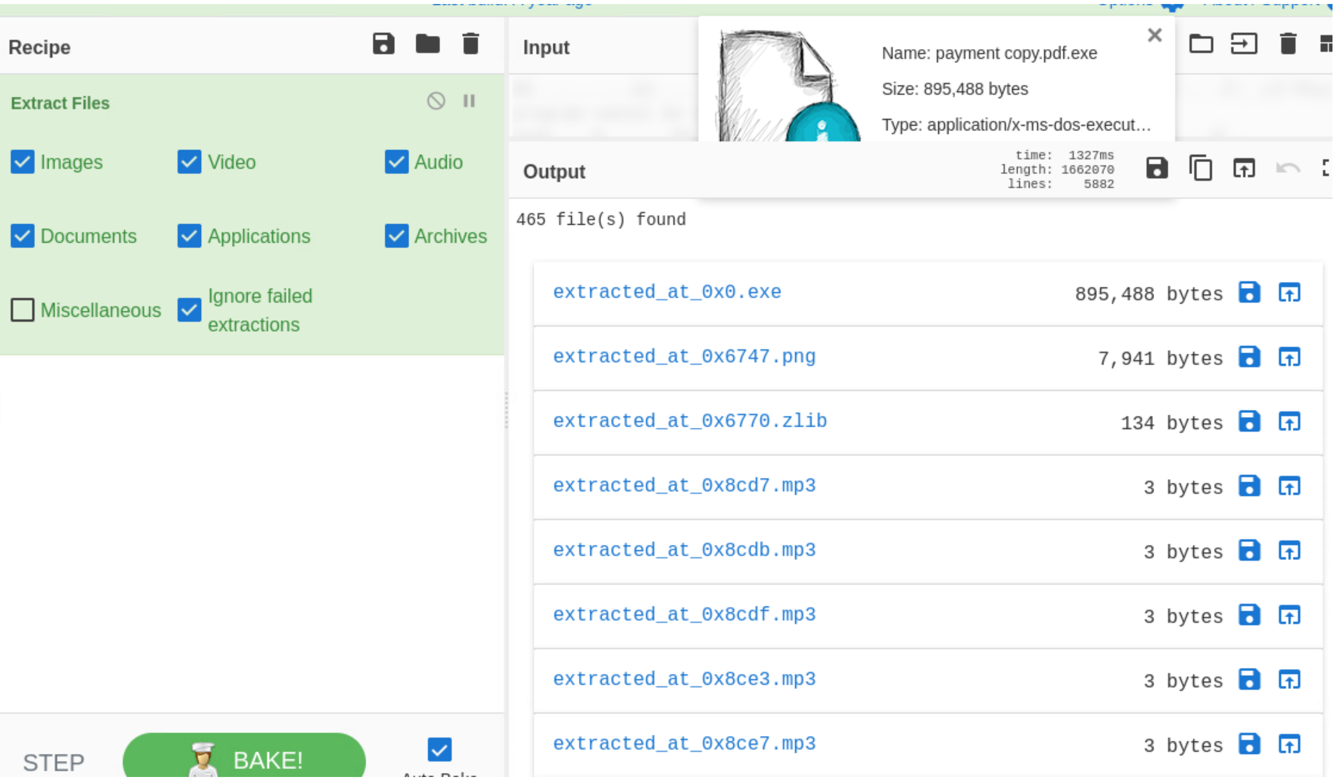
Using CyberChef Forensics -> Extract Files, you can view a list of files part of the executable from the .exe, .zlib and various mp3 and png.



Recipe

Extract Files

☑ Images ☑ Video ☑ Audio

☑ Documents ☑ Applications ☑ Archives

☐ Miscellaneous ☑ Ignore failed extractions

STEP BAKE! ☑ Auto Bake

Input

Name: payment copy.pdf.exe

Size: 895,488 bytes

Type: application/x-ms-dos-execut…

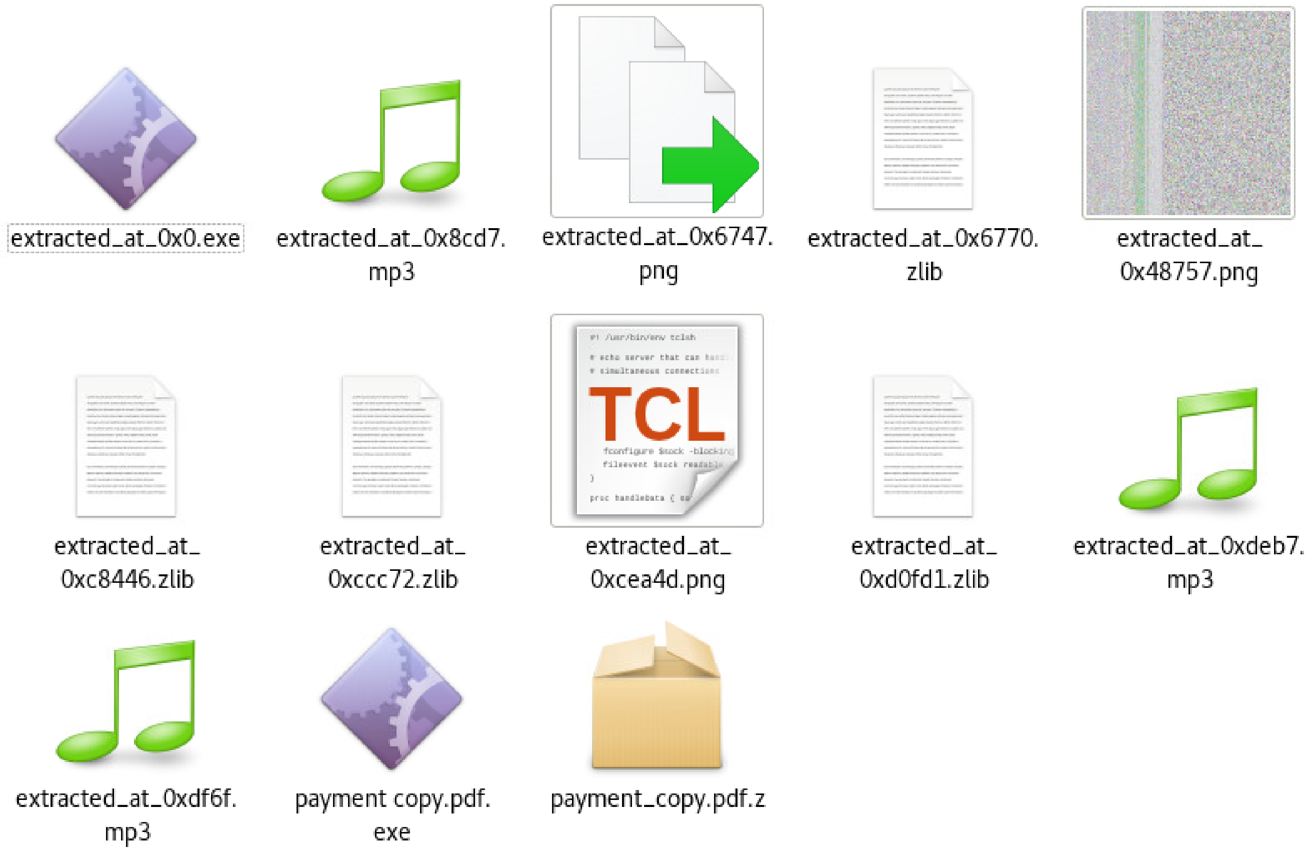
Output

```
time:   1327ms
length: 1662070
lines:  5882
```

```
465 file(s) found

extracted_at_0x0.exe          895,488 bytes
extracted_at_0x6747.png         7,941 bytes
extracted_at_0x6770.zlib          134 bytes
extracted_at_0x8cd7.mp3             3 bytes
extracted_at_0x8cdb.mp3             3 bytes
extracted_at_0x8cdf.mp3             3 bytes
extracted_at_0x8ce3.mp3             3 bytes
extracted_at_0x8ce7.mp3             3 bytes
```

Saving some of the files to review and analyze them:



Indicators of Compromise

Filename: payment_copy.pdf.z -> RAR archive data
SHA256: 37da8f89540f4dae114f1f55cfd4d89be9582fbd480ac6ed6c34ac04ec8d576b
SSDEEP:
12288:jiE0YCjbwMh6ny+h+n6SN/PAQDnNNTtcvCEYLPQE5FiER3RiSbhXwS:eE3K0Mh6nyU+6SOQ77lPQaFpbeS

Filename: payment_copy.pdf.exe
IPs: 3.232.242[.]170, 52.20.78[.]240, 54.91.59[.]199, 65.108.213[.]43, 209.197.3[.]8
Domains: api.ipify[.]org, api.ipify.org.herokudns[.]com, mail.reousaomilia[.]gr, reousaomilia[.]gr, www.inkscape[.]org
SHA256: 3ccaf74f465a79ec320fdb7e44ae09551f4348efd3bf8bf7b3638cc0c1cd8492

[1] https://www.virustotal.com/gui/file/37da8f89540f4dae114f1f55cfd4d89be9582fbd480ac6ed6c34ac04ec8d576b
[2] https://www.virustotal.com/gui/file/3ccaf74f465a79ec320fdb7e44ae09551f4348efd3bf8bf7b3638cc0c1cd8492
[3] https://gchq.github.io/CyberChef/

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Keywords: CyberChef Infostealer Malware
2 comment(s)

Comments

Thanks for the article, hashes, and IoCs. It's the phishiest time of the year!

Do you have any phish subject line, sender emails, or headers you could share? Thanks again.

Two_Ecks

Dec 22nd 2022
6 days ago

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