

JoeSandbox Cloud BASIC



ID: 458930

Sample Name: Swift Copy.exe

Cookbook: default.jbs

Time: 22:02:16

Date: 03/08/2021

Version: 33.0.0 White Diamond

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File Activities	17
File Created	17
File Written	17
File Read	17
Analysis Process: conhost.exe PID: 4832 Parent PID: 6668	17
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Analysis Process: NXLun.exe PID: 6900 Parent PID: 3424	17
General	17
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Analysis Process: conhost.exe PID: 6992 Parent PID: 6900	18
General	18
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Windows Analysis Report Swift Copy.exe

Overview

General Information

Sample Name:

Swift Copy.exe

Analysis ID:

458930

MD5:

2d6c5824ba1d09..

SHA1:

3c3155f0f1dd4aa..

SHA256:

fa8025405c4c029..

Tags:

exe

null

Infos:

Most interesting Screenshot:

Process Tree

Detection

MALICIOUS

SUSPICIOUS

CLEAN

UNKNOWN

AgentTesla

Score:

100

Range:

0 - 100

Whitelisted:

false

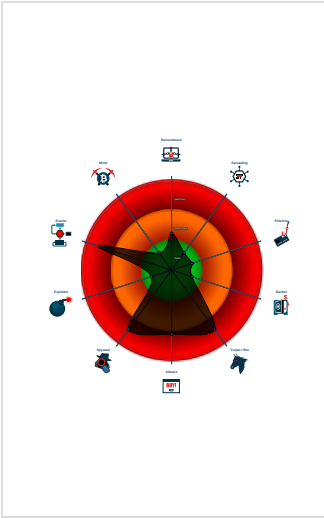
Confidence:

100%

Signatures

- Found malware configuration
- Multi AV Scanner detection for subm...
- Yara detected AgentTesla
- Yara detected AgentTesla
- .NET source code contains very larg...
- .NET source code contains very larg...
- Hides that the sample has been dow...
- Injects a PE file into a foreign proce...
- Machine Learning detection for samp...
- Modifies the hosts file
- Queries sensitive BIOS Information ...
- Queries sensitive network adapter in...

Classification



- System is w10x64
- Swift Copy.exe** (PID: 6596 cmdline: 'C:\Users\user\Desktop\Swift Copy.exe' MD5: 2D6C5824BA1D09D610CF914F003C7276)
 - RegSvc.exe** (PID: 7108 cmdline: C:\Windows\Microsoft.NET\Framework\v4.0.30319\RegSvc.exe MD5: 2867A3817C9245F7CF518524DFD18F28)
 - NXLun.exe** (PID: 6668 cmdline: 'C:\Users\user\AppData\Roaming\NXLun\NXLun.exe' MD5: 2867A3817C9245F7CF518524DFD18F28)
 - conhost.exe** (PID: 4832 cmdline: C:\Windows\system32\conhost.exe 0xffffffff -ForceV1 MD5: EA777DEEA782E8B4D7C7C33BBF8A4496)
 - NXLun.exe** (PID: 6900 cmdline: 'C:\Users\user\AppData\Roaming\NXLun\NXLun.exe' MD5: 2867A3817C9245F7CF518524DFD18F28)
 - conhost.exe** (PID: 6992 cmdline: C:\Windows\system32\conhost.exe 0xffffffff -ForceV1 MD5: EA777DEEA782E8B4D7C7C33BBF8A4496)
- cleanup

Malware Configuration

Threatname: Agenttesla

```
{
  "Exfil Mode": "SMTP",
  "Username": "sales@radheatwaters.com",
  "Password": "waters@789",
  "Host": "uscentral50.myserverhosts.com"
}
```

Yara Overview

Memory Dumps

Source	Rule	Description	Author	Strings
00000005.00000002.912796480.000000000040 2000.00000040.00000001.sdmp	JoeSecurity_AgentTesla_1	Yara detected AgentTesla	Joe Security	
00000005.00000002.912796480.000000000040 2000.00000040.00000001.sdmp	JoeSecurity_AgentTesla_2	Yara detected AgentTesla	Joe Security	
00000005.00000002.913952724.000000000304 1000.00000004.00000001.sdmp	JoeSecurity_AgentTesla_1	Yara detected AgentTesla	Joe Security	
00000005.00000002.913952724.000000000304 1000.00000004.00000001.sdmp	JoeSecurity_CredentialStealer	Yara detected Credential Stealer	Joe Security	

Source	Rule	Description	Author	Strings
Process Memory Space: RegSvc.exe PID: 7108	JoeSecurity_AgentTesla_1	Yara detected AgentTesla	Joe Security	
Click to see the 1 entries				

Unpacked PEs

Source	Rule	Description	Author	Strings
5.2.RegSvc.exe.400000.0.unpack	JoeSecurity_AgentTesla_1	Yara detected AgentTesla	Joe Security	
5.2.RegSvc.exe.400000.0.unpack	JoeSecurity_AgentTesla_2	Yara detected AgentTesla	Joe Security	

Sigma Overview

System Summary:



Sigma detected: Suspicious Process Start Without DLL

Sigma detected: Possible Applocker Bypass

Jbx Signature Overview

 Click to jump to signature section

AV Detection:



Found malware configuration

Multi AV Scanner detection for submitted file

Machine Learning detection for sample

Spam, unwanted Advertisements and Ransom Demands:



Modifies the hosts file

System Summary:



.NET source code contains very large array initializations

.NET source code contains very large strings

Hooking and other Techniques for Hiding and Protection:



Hides that the sample has been downloaded from the Internet (zone.identifier)

Malware Analysis System Evasion:



Queries sensitive BIOS Information (via WMI, Win32_Bios & Win32_BaseBoard, often done to detect virtual machines)

Queries sensitive network adapter information (via WMI, Win32_NetworkAdapter, often done to detect virtual machines)

HIPS / PFW / Operating System Protection Evasion:



Injects a PE file into a foreign processes

Modifies the hosts file

Writes to foreign memory regions

Lowering of HIPS / PFW / Operating System Security Settings:



Modifies the hosts file

Stealing of Sensitive Information:



Yara detected AgentTesla

Yara detected AgentTesla

Tries to harvest and steal Putty / WinSCP information (sessions, passwords, etc)

Tries to harvest and steal browser information (history, passwords, etc)

Tries to harvest and steal ftp login credentials

Tries to steal Mail credentials (via file access)

Remote Access Functionality:



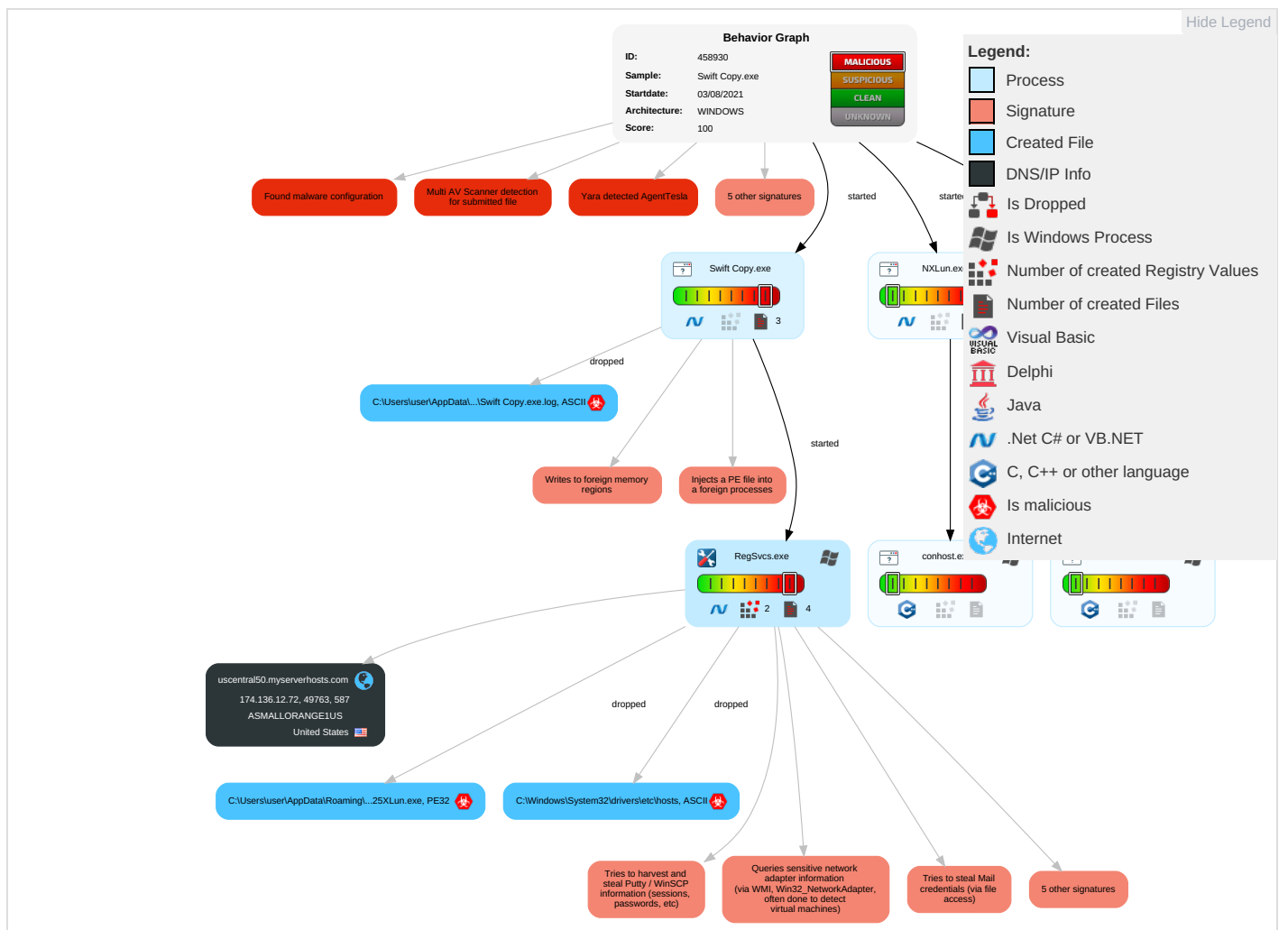
Yara detected AgentTesla

Yara detected AgentTesla

Mitre Att&ck Matrix

Initial Access	Execution	Persistence	Privilege Escalation	Defense Evasion	Credential Access	Discovery	Lateral Movement	Collection	Exfiltration	Command and Control
Valid Accounts	Windows Management Instrumentation 2 1 1	Registry Run Keys / Startup Folder 1	Process Injection 2 1 2	File and Directory Permissions Modification 1	OS Credential Dumping 2	System Information Discovery 1 1 4	Remote Services	Archive Collected Data 1 1	Exfiltration Over Other Network Medium	Encrypted Channel 1
Default Accounts	Scheduled Task/Job	Boot or Logon Initialization Scripts	Registry Run Keys / Startup Folder 1	Disable or Modify Tools 1	Credentials in Registry 1	Query Registry 1	Remote Desktop Protocol	Data from Local System 2	Exfiltration Over Bluetooth	Non-Standard Port 1
Domain Accounts	At (Linux)	Logon Script (Windows)	Logon Script (Windows)	Deobfuscate/Decode Files or Information 1	Security Account Manager	Security Software Discovery 1 1 1	SMB/Windows Admin Shares	Email Collection 1	Automated Exfiltration	Non-Application Layer Protocol 1
Local Accounts	At (Windows)	Logon Script (Mac)	Logon Script (Mac)	Obfuscated Files or Information 2 1	NTDS	Process Discovery 1	Distributed Component Object Model	Input Capture	Scheduled Transfer	Application Layer Protocol 1 4
Cloud Accounts	Cron	Network Logon Script	Network Logon Script	Software Packing 2	LSA Secrets	Virtualization/Sandbox Evasion 1 3 1	SSH	Keylogging	Data Transfer Size Limits	Fallback Channels
Replication Through Removable Media	Launchd	Rc.common	Rc.common	Masquerading 1	Cached Domain Credentials	Application Window Discovery 1	VNC	GUI Input Capture	Exfiltration Over C2 Channel	Multiband Communication
External Remote Services	Scheduled Task	Startup Items	Startup Items	Virtualization/Sandbox Evasion 1 3 1	DCSync	Remote System Discovery 1	Windows Remote Management	Web Portal Capture	Exfiltration Over Alternative Protocol	Commonly Used Port
Drive-by Compromise	Command and Scripting Interpreter	Scheduled Task/Job	Scheduled Task/Job	Process Injection 2 1 2	Proc Filesystem	Network Service Scanning	Shared Webroot	Credential API Hooking	Exfiltration Over Symmetric Encrypted Non-C2 Protocol	Application Layer Protocol
Exploit Public-Facing Application	PowerShell	At (Linux)	At (Linux)	Hidden Files and Directories 1	/etc/passwd and /etc/shadow	System Network Connections Discovery	Software Deployment Tools	Data Staged	Exfiltration Over Asymmetric Encrypted Non-C2 Protocol	Web Protocol

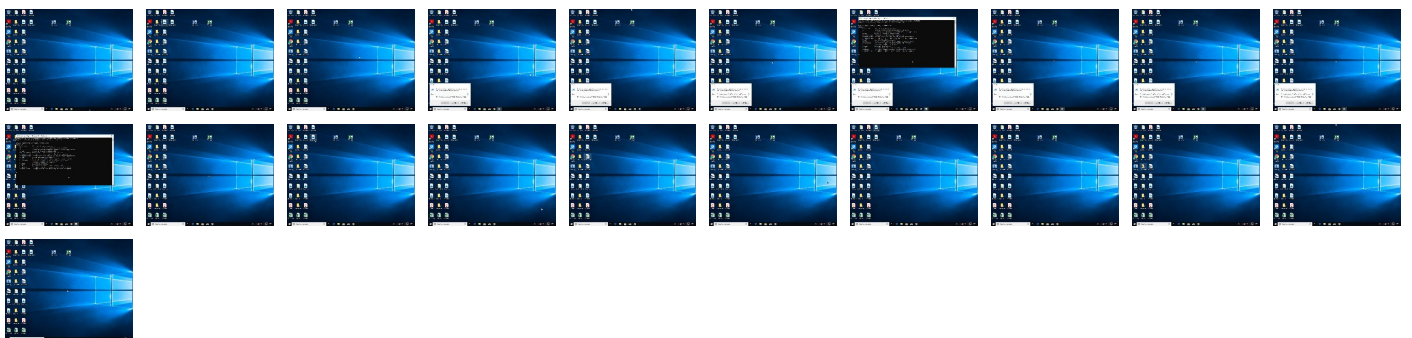
Behavior Graph



Screenshots

Thumbnails

This section contains all screenshots as thumbnails, including those not shown in the slideshow.





Antivirus, Machine Learning and Genetic Malware Detection

Initial Sample

Source	Detection	Scanner	Label	Link
Swift Copy.exe	63%	Virustotal		Browse
Swift Copy.exe	54%	Metadefender		Browse
Swift Copy.exe	81%	ReversingLabs	ByteCode-MSIL.Trojan.AgentTesla	
Swift Copy.exe	100%	Joe Sandbox ML		

Dropped Files

Source	Detection	Scanner	Label	Link
C:\Users\user\AppData\Roaming\NXLun\NXLun.exe	0%	Metadefender		Browse
C:\Users\user\AppData\Roaming\NXLun\NXLun.exe	0%	ReversingLabs		

Unpacked PE Files

Source	Detection	Scanner	Label	Link	Download
5.2.RegSvcs.exe.400000.0.unpack	100%	Avira	TR/Spy.Gen8		Download File

Domains

No Antivirus matches

URLs

Source	Detection	Scanner	Label	Link
http://www.founder.com.cn/	0%	URL Reputation	safe	
http://127.0.0.1:HTTP/1.1	0%	Avira URL Cloud	safe	
http://DynDns.comDynDNS	0%	URL Reputation	safe	
http://www.founder.com.cn/cn	0%	URL Reputation	safe	
http://www.sajatypeworks.comr	0%	Avira URL Cloud	safe	
http://https://ieCyjsGVULsHnV35yt1w.com	0%	Avira URL Cloud	safe	
http://https://sectigo.com/CPS0	0%	URL Reputation	safe	
http://www.sajatypeworks.comt	0%	URL Reputation	safe	
http://https://www.theonionrouter.com/dist.torproject.org/torbrowser/9.5.3/tor-win32-0.4.3.6.zip%tordir%%ha	0%	URL Reputation	safe	
http://www.founder.com.cn/cn_	0%	Avira URL Cloud	safe	
http://www.founder.com.cn/cn/	0%	Avira URL Cloud	safe	
http://www.sajatypeworks.comeb	0%	Avira URL Cloud	safe	
http://https://api.ipify.org%GETMozilla/5.0	0%	URL Reputation	safe	
http://www.ascendercorp.com/typedesigners.html	0%	URL Reputation	safe	
http://knrDOu.com	0%	Avira URL Cloud	safe	
http://www.carterandcone.com	0%	URL Reputation	safe	
http://www.sajatypeworks.come	0%	URL Reputation	safe	
http://https://www.theonionrouter.com/dist.torproject.org/torbrowser/9.5.3/tor-win32-0.4.3.6.zip	0%	URL Reputation	safe	
http://https://api.ipify.org%\$	0%	Avira URL Cloud	safe	
http://https://static.hummingbird.me/anime/poster_images/000/010/716/large/0fd8df1b586e60a0b1591cd8555c072f	0%	Avira URL Cloud	safe	

Domains and IPs

Contacted Domains

Name	IP	Active	Malicious	Antivirus Detection	Reputation
uscentral50.myserverhosts.com	174.136.12.72	true	false		high

URLs from Memory and Binaries

Contacted IPs

Public

IP	Domain	Country	Flag	ASN	ASN Name	Malicious
174.136.12.72	uscentral50.myserverhosts.com	United States		62729	ASMALLORANGE1US	false

General Information

Joe Sandbox Version:	33.0.0 White Diamond
Analysis ID:	458930
Start date:	03.08.2021
Start time:	22:02:16
Joe Sandbox Product:	CloudBasic
Overall analysis duration:	0h 8m 21s
Hypervisor based Inspection enabled:	false
Report type:	light
Sample file name:	Swift Copy.exe
Cookbook file name:	default.jbs
Analysis system description:	Windows 10 64 bit v1803 with Office Professional Plus 2016, Chrome 85, IE 11, Adobe Reader DC 19, Java 8 Update 211

Number of analysed new started processes analysed:	21
Number of new started drivers analysed:	0
Number of existing processes analysed:	0
Number of existing drivers analysed:	0
Number of injected processes analysed:	0
Technologies:	• HCA enabled • EGA enabled • HDC enabled • AMSI enabled
Analysis Mode:	default
Analysis stop reason:	Timeout
Detection:	MAL
Classification:	mal100.troj.adwa.spyw.evad.winEXE@7/6@1/1
EGA Information:	Failed
HDC Information:	• Successful, ratio: 0.4% (good quality ratio 0.4%) • Quality average: 100% • Quality standard deviation: 0%
HCA Information:	• Successful, ratio: 98% • Number of executed functions: 0 • Number of non-executed functions: 0
Cookbook Comments:	• Adjust boot time • Enable AMSI • Found application associated with file extension: .exe
Warnings:	Show All

Simulations

Behavior and APIs

Time	Type	Description
22:03:22	API Interceptor	1x Sleep call for process: Swift Copy.exe modified
22:03:31	API Interceptor	700x Sleep call for process: RegSvc.exe modified
22:03:44	Autostart	Run: HKCU\Software\Microsoft\Windows\CurrentVersion\Run NXLun C:\Users\user\AppData\Roaming\NXLun\NXLun.exe
22:03:53	Autostart	Run: HKCU64\Software\Microsoft\Windows\CurrentVersion\Run NXLun C:\Users\user\AppData\Roaming\NXLun\NXLun.exe

Joe Sandbox View / Context

IPs

Match	Associated Sample Name / URL	SHA 256	Detection	Link	Context
174.136.12.72	POSH service quotation..exe	Get hash	malicious	Browse	
	DOC.exe	Get hash	malicious	Browse	
	PO#4500484210.exe	Get hash	malicious	Browse	
	SecuriteInfo.com.Trojan.Win32.Save.a.14998.exe	Get hash	malicious	Browse	
	SecuriteInfo.com.ArtemisD6F96E4A411B.20686.exe	Get hash	malicious	Browse	
	PAYMENT COPY.exe	Get hash	malicious	Browse	

Domains

Match	Associated Sample Name / URL	SHA 256	Detection	Link	Context
uscentral50.myserverhosts.com	POSH service quotation..exe	Get hash	malicious	Browse	• 174.136.12.72
	DOC.exe	Get hash	malicious	Browse	• 174.136.12.72
	PO#4500484210.exe	Get hash	malicious	Browse	• 174.136.12.72
	SecuriteInfo.com.Trojan.Win32.Save.a.14998.exe	Get hash	malicious	Browse	• 174.136.12.72
	SecuriteInfo.com.ArtemisD6F96E4A411B.20686.exe	Get hash	malicious	Browse	• 174.136.12.72
	PAYMENT COPY.exe	Get hash	malicious	Browse	• 174.136.12.72

ASN

Match	Associated Sample Name / URL	SHA 256	Detection	Link	Context
ASMALLORANGE1US	POSH service quotation..exe	Get hash	malicious	Browse	• 174.136.12.72
	DOC.exe	Get hash	malicious	Browse	• 174.136.12.72
	PO#4500484210.exe	Get hash	malicious	Browse	• 174.136.12.72
	SecuriteInfo.com.Trojan.PackedNET.967.18099.exe	Get hash	malicious	Browse	• 173.237.13 6.115
	SecuriteInfo.com.Trojan.Win32.Save.a.14998.exe	Get hash	malicious	Browse	• 174.136.12.72
	SecuriteInfo.com.ArtemisD6F96E4A411B.20686.exe	Get hash	malicious	Browse	• 174.136.12.72
	qq.exe	Get hash	malicious	Browse	• 207.210.192.60
	PAYMENT COPY.exe	Get hash	malicious	Browse	• 174.136.12.72
	PreOrder.exe	Get hash	malicious	Browse	• 129.121.2.208
	droxoUY6SU.exe	Get hash	malicious	Browse	• 143.95.157.174
	CBI8Rv3xZ7.dll	Get hash	malicious	Browse	• 207.210.192.60
	hcTYYoyYOS.dll	Get hash	malicious	Browse	• 207.210.192.60
	CBI8Rv3xZ7.dll	Get hash	malicious	Browse	• 207.210.192.60
	hcTYYoyYOS.dll	Get hash	malicious	Browse	• 207.210.192.60
	f.xls	Get hash	malicious	Browse	• 207.210.192.60
	50681.dll	Get hash	malicious	Browse	• 207.210.192.60
	50681.dll	Get hash	malicious	Browse	• 207.210.192.60
	SecuriteInfo.com.VB.Trojan.Valyria.4710.541.xls	Get hash	malicious	Browse	• 207.210.192.60
	sample1.doc	Get hash	malicious	Browse	• 143.95.101.72
	statistic-1906694268((Unsaved-308830951474448751)).xlsb	Get hash	malicious	Browse	• 149.47.136.230

JA3 Fingerprints

No context

Dropped Files

Match	Associated Sample Name / URL	SHA 256	Detection	Link	Context
C:\Users\user\AppData\Roaming\NXLun\NXLun.exe	SOA.exe	Get hash	malicious	Browse	
	POSH service quotation.exe	Get hash	malicious	Browse	
	SOA.exe	Get hash	malicious	Browse	
	epda.exe	Get hash	malicious	Browse	
	POSH service quotation..exe	Get hash	malicious	Browse	
	SWIFT REF GO 20210730SFT21020137.exe	Get hash	malicious	Browse	
	HJKcEjrUuzYMV9X.exe	Get hash	malicious	Browse	
	est pda.exe	Get hash	malicious	Browse	
	BL COPY.exe	Get hash	malicious	Browse	
	DOC.exe	Get hash	malicious	Browse	
	statement.exe	Get hash	malicious	Browse	
	PO-K-128 IAN 340854.exe	Get hash	malicious	Browse	
	PO#4500484210.exe	Get hash	malicious	Browse	
	Invoice no SS21-22185.exe	Get hash	malicious	Browse	
	SQycD6hL4Y.exe	Get hash	malicious	Browse	
	Aggiornamento ordine Quantit#U00e0__BFM Srl 117-28050-01.exe	Get hash	malicious	Browse	
	PAYMENT INSTRUCTIONS COPY.exe	Get hash	malicious	Browse	
	FINAL SHIPPING DOC..exe	Get hash	malicious	Browse	
	Spare Parts Requisition-003,004.exe	Get hash	malicious	Browse	
	PO NOAB1088 ALEMO INDUSTRIAL ENGINEERS.exe	Get hash	malicious	Browse	

Created / dropped Files

C:\Users\user\AppData\Local\Microsoft\CLR_v4.0_32\UsageLogs\NXLun.exe.log	
Process:	C:\Users\user\AppData\Roaming\NXLun\NXLun.exe
File Type:	ASCII text, with CRLF line terminators
Category:	modified
Size (bytes):	142
Entropy (8bit):	5.090621108356562
Encrypted:	false
SSDEEP:	3:QHXMKa/xwwUC7WglAFXMWA2yTMGfsbNRLFS9Am12MFuAvOAsDeieVyn:Q3La/xwczlAFXMWTyAGCDLIP12MUAwww
MD5:	8C0458BB9EA02D50565175E38D577E35

C:\Users\user\AppData\Local\Microsoft\CLR_v4.0_32\UsageLogs\NXLun.exe.log	
SHA1:	F0B50702CD6470F3C17D637908F83212FDBDB2F2
SHA-256:	C578E86DB701B9AFA3626E804CF434F9D32272FF59FB32FA9A51835E5A148B53
SHA-512:	804A47494D9A462FFA6F39759480700ECBE5A7F3A15EC3A6330176ED9C04695D2684BF6BF85AB86286D52E7B727436D0BB2E8DA96E20D47740B5CE3F856B5D0F
Malicious:	false
Reputation:	moderate, very likely benign file
Preview:	1,"fusion","GAC",0..1,"WinRT","NotApp",1..2,"System.EnterpriseServices, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a",0..

C:\Users\user\AppData\Local\Microsoft\CLR_v4.0_32\UsageLogs\Swift Copy.exe.log	
Process:	C:\Users\user\Desktop\Swift Copy.exe
File Type:	ASCII text, with CRLF line terminators
Category:	dropped
Size (bytes):	1314
Entropy (8bit):	5.350128552078965
Encrypted:	false
SSDEEP:	24:MLU84jE4K5E4Ks2E1qE4qXKDE4KhK3VZ9pKhPKIE4oKFKHKoZAE4Kzr7FE4sAmEw:MgvjHK5HKXE1qHiYHKHqNoPtHoxHhAHR
MD5:	1DC1A2DCC9EFAA84EABF4F6D6066565B
SHA1:	B7FCF805B6DD8DE815EA9BC089BD99F1E617F4E9
SHA-256:	28D63442C17BF19558655C88A635CB3C3FF1BAD1CCD9784090B9749A7E71FCECF
SHA-512:	95DD7E2AB0884A3EFD9E26033B337D1F97DDF9A8E9E9C4C32187DCD40622D8B1AC8CCDBA12A70A6B9075DF5E7F68DF2F8FBA4AB33DB4576BE9806B8E19180B7
Malicious:	true
Reputation:	high, very likely benign file
Preview:	1,"fusion","GAC",0..1,"WinRT","NotApp",1..2,"Microsoft.VisualBasic, Version=10.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a",0..2,"System.Windows.Forms, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089",0..3,"System, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089", "C:\Windows\assembly\NativeImages_v4.0.30319_32\System\4f0a7eefa3cd3e0ba98b5ebddbcb72e6\System.ni.dll",0..2,"System.Drawing, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a",0..3,"System.Core, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089", "C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Core\fd1d8480152e0da9a60ad49c6d16a3b6d\System.Core.ni.dll",0..3,"System.Configuration, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a", "C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Configuration\8d67d92724ba494b6c7fd089d6f25b48\System.Configuration.ni.dll",0..3,"System.Xml, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a

C:\Users\user\AppData\Roaming\NXLun\NXLun.exe	
Process:	C:\Windows\Microsoft.NET\Framework\4.0.30319\RegSvcs.exe
File Type:	PE32 executable (console) Intel 80386 Mono/.Net assembly, for MS Windows
Category:	dropped
Size (bytes):	45152
Entropy (8bit):	6.149629800481177
Encrypted:	false
SSDEEP:	768:bBbSoy+SdlBf0k2dsYyV6lq87PiU9FViaLmf:EoOIBf0ddsYy8LUjVBC
MD5:	2867A3817C9245F7CF518524DFD18F28
SHA1:	D7BA2A111CEDD5BF523224B3F1CFE58EEC7C2FDC
SHA-256:	43026DCFF238F20CFF0419924486DEE45178119CFDD0D366B79D67D950A9BF50
SHA-512:	7D3D3DBB42B7966644D716AA9CBC75327B2ACB02E43C61F1DAD4AFE5521F9FE248B33347DFE15B637FB33EB97CDB322BCAEAE08BAE3F2FD863A9AD9B3A4DB42
Malicious:	true
Antivirus:	- Antivirus: Metadefender, Detection: 0%, Browse - Antivirus: ReversingLabs, Detection: 0%
Joe Sandbox View:	- Filename: SOA.exe, Detection: malicious, Browse - Filename: POSH service quotation.exe, Detection: malicious, Browse - Filename: SOA.exe, Detection: malicious, Browse - Filename: epda.exe, Detection: malicious, Browse - Filename: POSH service quotation..exe, Detection: malicious, Browse - Filename: SWIFT REF GO 20210730SFT21020137.exe, Detection: malicious, Browse - Filename: HJKcEjrUuzYMV9X.exe, Detection: malicious, Browse - Filename: est pda.exe, Detection: malicious, Browse - Filename: BL COPY.exe, Detection: malicious, Browse - Filename: DOC.exe, Detection: malicious, Browse - Filename: statement.exe, Detection: malicious, Browse - Filename: PO-K-128 IAN 340854.exe, Detection: malicious, Browse - Filename: PO#4500484210.exe, Detection: malicious, Browse - Filename: Invoice no SS21-22185.exe, Detection: malicious, Browse - Filename: SQycD6hL4Y.exe, Detection: malicious, Browse - Filename: Aggiornamento ordine Quantit#U00e0__BFM Srl 117-28050-01.exe, Detection: malicious, Browse - Filename: PAYMENT INSTRUCTIONS COPY.exe, Detection: malicious, Browse - Filename: FINAL SHIPPING DOC..exe, Detection: malicious, Browse - Filename: Spare Parts Requisition-003,004.exe, Detection: malicious, Browse - Filename: PO NOAB1088 ALEMO INDUSTRIAL ENGINEERS.exe, Detection: malicious, Browse
Reputation:	moderate, very likely benign file

C:\Users\user\AppData\Roaming\NXLun\NXLun.exe		 
Preview:	MZ.....@.....!..L!This program cannot be run in DOS mode...\$.....PE..L...zX.Z.....0..d.....V... ..@.. ..". ..`.....@.....O.....8.....r..`>.....H.....text...lc... ..d..... ..`rsrc..8.....f.....@..@.reloc.....p.....@..B.....8.....H.....+..S..... ..P.....f...p(...*2.(...(*z..f...p(...(...)...*.{...*s.....*0.{.....Q-.s...+ -...O...(... s.....o.....r!.p..(..Q.P,;P....(...o...o ..(...o!...o".....o#..t.....*..0..(... ..s\$.....o%...X..(...~*..o&...*0.....('...&* ..*.....0.....(...&* ..*.....0.....(...(...~.....(...~....O....9]...	

C:\Windows\System32\drivers\etc\hosts		
Process:	C:\Windows\Microsoft.NET\Framework\v4.0.30319\RegSvcs.exe	
File Type:	ASCII text, with CRLF line terminators	
Category:	modified	
Size (bytes):	11	
Entropy (8bit):	2.663532754804255	
Encrypted:	false	
SSDEEP:	3:iLE:iLE	
MD5:	B24D295C1F84ECBFB566103374FB91C5	
SHA1:	6A750D3F8B45C240637332071D34B403FA1FF55A	
SHA-256:	4DC7B65075FBC5B5421551F0CB814CAFD8CACA5957D393C222EE388B6F405F4	
SHA-512:	9BE279BFA70A859608B50EF5D30BF2345F334E5F433C410EA6A188DCAB395BFF50C95B165177E59A29261464871C11F903A9ECE55B2D900FE49A9F3C49EB88FA	
Malicious:	true	
Preview:	..127.0.0.1	

IDeviceConDrv	
Process:	C:\Users\user\AppData\Roaming\NXLun\NXLun.exe
File Type:	ASCII text, with CRLF line terminators
Category:	dropped
Size (bytes):	1141
Entropy (8bit):	4.44831826838854
Encrypted:	false
SSDEEP:	24:zKLXkb4DObntKglIUEnfQtvNuNpKOK5aM9YJC;zKL0b4DQntKKH1MqJC
MD5:	1AEB3A784552CFD2AEDEDC1D43A97A4F
SHA1:	804286AB9F8B3DE053222826A69A7CDA3492411A
SHA-256:	0BC438F4B1208E1390C12D375B6CBB08BF47599D1F24BD07799BB1DF384AA293
SHA-512:	5305059BA86D5C2185E590EC036044B2A17ED9FD9863C2E3C7E7D8035EF0C79E53357AF5AE735F7D432BC70156D4BD3ACB42D100CFB05C2FB669EA22368F141
Malicious:	false
Preview:	Microsoft (R) .NET Framework Services Installation Utility Version 4.7.3056.0..Copyright (C) Microsoft Corporation. All rights reserved.....USAGE: regsvcs.exe [options] AssemblyName..Options:.. /? or /help Display this usage message... /fc Find or create target application (default)... /c Create target application, error if it already exists... /exapp Expect an existing application... /tlb:<tlbfile> Filename for the exported type library... /appname:<name> Use the specified name for the target application... /parname:<name> Use the specified name or id for the target partition... /extlb Use an existing type library... /reconfig Re configure existing target application (default)... /noreconfig Don't reconfigure existing target application... /u Uninstall target application... /nologo S uppress logo output... /quiet Suppress logo output and success output... /c

Static File Info

General	
File type:	PE32 executable (GUI) Intel 80386 Mono/.Net assembly, for MS Windows
Entropy (8bit):	6.897490184299401
TrID:	- Win32 Executable (generic) Net Framework (10011505/4) 49.80% - Win32 Executable (generic) a (10002005/4) 49.75% - Generic CIL Executable (.NET, Mono, etc.) (73296/58) 0.36% - Windows Screen Saver (13104/52) 0.07% - Generic Win/DOS Executable (2004/3) 0.01%
File name:	Swift Copy.exe
File size:	1136128
MD5:	2d6c5824ba1d09d610cf914f003c7276
SHA1:	3c3155f0f1dd4aa1a6848892cc75399da642662a
SHA256:	fa8025405c4c0290b63c2bbdf413edf496b729abe7bc791eb125f2c21895c842
SHA512:	e1fc9a2d3ae761c80b5dbe55e8337d507ab966d57eb6fe7def21cbf7f913a26c358a3f4308da8abe10b11ae981b6f4744a4031866eca5b82d7f93ae09706492a

General

SSDEEP:	24576:ZrOXgPVt25/d3F4JaKu4YkueiPUFPBBInmkaK14shf1:ZrOw7W4JaKpYkufUFPBBIfSs1
File Content Preview:	MZ.....@.....!..L!Th is program cannot be run in DOS mode.....PE..L..... .a.....L.....k..@.. @.....

File Icon

	
Icon Hash:	00828e8e8686b000

Static PE Info

General

Entrypoint:	0x516bde
Entrypoint Section:	.text
Digitally signed:	false
Imagebase:	0x400000
Subsystem:	windows gui
Image File Characteristics:	LOCAL_SYMS_STRIPPED, 32BIT_MACHINE, EXECUTABLE_IMAGE, LINE_NUMS_STRIPPED
DLL Characteristics:	NO_SEH, TERMINAL_SERVER_AWARE, DYNAMIC_BASE, NX_COMPAT
Time Stamp:	0x6101F4C7 [Thu Jul 29 00:22:31 2021 UTC]
TLS Callbacks:	
CLR (.Net) Version:	v4.0.30319
OS Version Major:	4
OS Version Minor:	0
File Version Major:	4
File Version Minor:	0
Subsystem Version Major:	4
Subsystem Version Minor:	0
Import Hash:	f34d5f2d4577ed6d9ceec516c1f5a744

Entrypoint Preview

Data Directories

Sections

Name	Virtual Address	Virtual Size	Raw Size	Xored PE	ZLIB Complexity	File Type	Entropy	Characteristics
.text	0x2000	0x114be4	0x114c00	False	0.617520078196	data	6.90263160898	IMAGE_SCN_MEM_EXECUTE, IMAGE_SCN_CNT_CODE, IMAGE_SCN_MEM_READ
.rsrc	0x118000	0x5dc	0x600	False	0.434244791667	data	4.16646798444	IMAGE_SCN_CNT_INITIALIZED_DATA, IMAGE_SCN_MEM_READ
.reloc	0x11a000	0xc	0x200	False	0.044921875	data	0.101910425663	IMAGE_SCN_CNT_INITIALIZED_DATA, IMAGE_SCN_MEM_DISCARDABLE, IMAGE_SCN_MEM_READ

Resources

Imports

Version Infos

Network Behavior

Network Port Distribution

TCP Packets

UDP Packets

DNS Queries

Timestamp	Source IP	Dest IP	Trans ID	OP Code	Name	Type	Class
Aug 3, 2021 22:04:54.303131104 CEST	192.168.2.4	8.8.8.8	0x5680	Standard query (0)	uscentral50.myserverhosts.com	A (IP address)	IN (0x0001)

DNS Answers

Timestamp	Source IP	Dest IP	Trans ID	Reply Code	Name	CName	Address	Type	Class
Aug 3, 2021 22:04:54.341016054 CEST	8.8.8.8	192.168.2.4	0x5680	No error (0)	uscentral50.myserverhosts.com		174.136.12.72	A (IP address)	IN (0x0001)

SMTP Packets

Timestamp	Source Port	Dest Port	Source IP	Dest IP	Commands
Aug 3, 2021 22:04:54.753700972 CEST	587	49763	174.136.12.72	192.168.2.4	220-uscentral50.myserverhosts.com ESMTP Exim 4.93 #2 Tue, 03 Aug 2021 15:04:54 -0500 220-We do not authorize the use of this system to transport unsolicited, 220 and/or bulk e-mail.
Aug 3, 2021 22:04:54.755069017 CEST	49763	587	192.168.2.4	174.136.12.72	EHLO 585948
Aug 3, 2021 22:04:54.899413109 CEST	587	49763	174.136.12.72	192.168.2.4	250-uscentral50.myserverhosts.com Hello 585948 [84.17.52.25] 250-SIZE 52428800 250-8BITMIME 250-PIPELINING 250-AUTH PLAIN LOGIN 250-STARTTLS 250 HELP
Aug 3, 2021 22:04:54.899914026 CEST	49763	587	192.168.2.4	174.136.12.72	STARTTLS
Aug 3, 2021 22:04:55.047693968 CEST	587	49763	174.136.12.72	192.168.2.4	220 TLS go ahead

Code Manipulations

Statistics

Behavior

 Click to jump to process

System Behavior

Analysis Process: Swift Copy.exe PID: 6596 Parent PID: 5800

General

Start time:	22:03:03
Start date:	03/08/2021
Path:	C:\Users\user\Desktop\Swift Copy.exe
Wow64 process (32bit):	true
Commandline:	'C:\Users\user\Desktop\Swift Copy.exe'
Imagebase:	0xa90000
File size:	1136128 bytes

MD5 hash:	2D6C5824BA1D09D610CF914F003C7276
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	.Net C# or VB.NET
Reputation:	low

File Activities

Show Windows behavior

File Created

File Written

File Read

Analysis Process: RegSvc.exe PID: 7108 Parent PID: 6596

General

Start time:	22:03:22
Start date:	03/08/2021
Path:	C:\Windows\Microsoft.NET\Framework\v4.0.30319\RegSvc.exe
Wow64 process (32bit):	true
Commandline:	C:\Windows\Microsoft.NET\Framework\v4.0.30319\RegSvc.exe
Imagebase:	0xc40000
File size:	45152 bytes
MD5 hash:	2867A3817C9245F7CF518524DFD18F28
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	.Net C# or VB.NET
Yara matches:	- Rule: JoeSecurity_AgentTesla_1, Description: Yara detected AgentTesla, Source: 00000005.00000002.912796480.000000000402000.00000040.00000001.sdmp, Author: Joe Security - Rule: JoeSecurity_AgentTesla_2, Description: Yara detected AgentTesla, Source: 00000005.00000002.912796480.000000000402000.00000040.00000001.sdmp, Author: Joe Security - Rule: JoeSecurity_AgentTesla_1, Description: Yara detected AgentTesla, Source: 00000005.00000002.913952724.0000000003041000.00000004.00000001.sdmp, Author: Joe Security - Rule: JoeSecurity_CredentialStealer, Description: Yara detected Credential Stealer, Source: 00000005.00000002.913952724.0000000003041000.00000004.00000001.sdmp, Author: Joe Security
Reputation:	high

File Activities

Show Windows behavior

File Created

File Written

File Read

Registry Activities

Show Windows behavior

Key Value Created

Analysis Process: NXLun.exe PID: 6668 Parent PID: 3424

General

Start time:	22:03:53
Start date:	03/08/2021

Path:	C:\Users\user\AppData\Roaming\NXLun\NXLun.exe
Wow64 process (32bit):	true
Commandline:	'C:\Users\user\AppData\Roaming\NXLun\NXLun.exe'
Imagebase:	0x320000
File size:	45152 bytes
MD5 hash:	2867A3817C9245F7CF518524DFD18F28
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	.Net C# or VB.NET
Antivirus matches:	- Detection: 0%, Metadefender, Browse - Detection: 0%, ReversingLabs
Reputation:	high

File Activities

Show Windows behavior

File Created

File Written

File Read

Analysis Process: conhost.exe PID: 4832 Parent PID: 6668

General

Start time:	22:03:54
Start date:	03/08/2021
Path:	C:\Windows\System32\conhost.exe
Wow64 process (32bit):	false
Commandline:	C:\Windows\system32\conhost.exe 0xffffffff -ForceV1
Imagebase:	0x7ff724c50000
File size:	625664 bytes
MD5 hash:	EA777DEEA782E8B4D7C7C33BBF8A4496
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	C, C++ or other language
Reputation:	high

Analysis Process: NXLun.exe PID: 6900 Parent PID: 3424

General

Start time:	22:04:02
Start date:	03/08/2021
Path:	C:\Users\user\AppData\Roaming\NXLun\NXLun.exe
Wow64 process (32bit):	true
Commandline:	'C:\Users\user\AppData\Roaming\NXLun\NXLun.exe'
Imagebase:	0x6a0000
File size:	45152 bytes
MD5 hash:	2867A3817C9245F7CF518524DFD18F28
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	.Net C# or VB.NET
Reputation:	high

File Activities

Show Windows behavior

File Written

Analysis Process: conhost.exe PID: 6992 Parent PID: 6900

General

Start time:	22:04:02
Start date:	03/08/2021
Path:	C:\Windows\System32\conhost.exe
Wow64 process (32bit):	false
Commandline:	C:\Windows\system32\conhost.exe 0xffffffff -ForceV1
Imagebase:	0x7ff724c50000
File size:	625664 bytes
MD5 hash:	EA777DEEA782E8B4D7C7C33BBF8A4496
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	C, C++ or other language
Reputation:	high

Disassembly

Code Analysis