

JOeSandbox Cloud BASIC



ID: 635309

Sample Name: PAGO
041011.exe

Cookbook: default.jbs

Time: 18:54:02

Date: 27/05/2022

Version: 34.0.0 Boulder Opal

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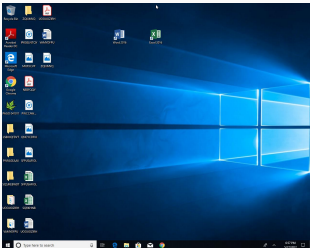
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Windows Analysis Report

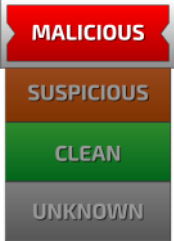
PAGO 041011.exe

Overview

General Information

Sample Name:	PAGO 041011.exe
Analysis ID:	635309
MD5:	944523351da553..
SHA1:	729c0a97f2398b..
SHA256:	d285dd9606cf62..
Tags:	exe
Infos:	
	

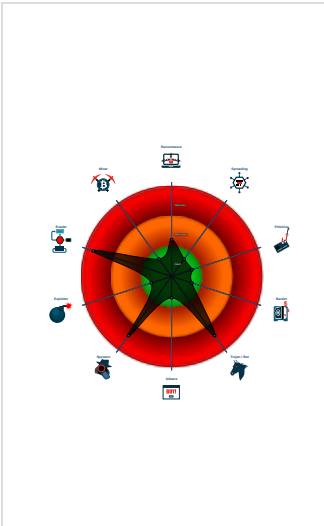
Detection

	
	
Score:	100
Range:	0 - 100
Whitelisted:	false
Confidence:	100%

Signatures

Found malware configuration
Malicious sample detected (through...
Yara detected AgentTesla
Yara detected AntiVM3
Tries to steal Mail credentials (via fi...
Tries to harvest and steal Putty / W...
Tries to harvest and steal ftp login c...
Tries to detect sandboxes and other...
Machine Learning detection for sam...
Injects a PE file into a foreign proce...
.NET source code contains method ...
Queries sensitive network adapter in...

Classification



Process Tree

- System is w10x64
-  PAGO 041011.exe (PID: 5336 cmdline: "C:\Users\user\Desktop\PAGO 041011.exe" MD5: 944523351DA5539C11F2556797423CA7)
 -  PAGO 041011.exe (PID: 5060 cmdline: C:\Users\user\Desktop\PAGO 041011.exe MD5: 944523351DA5539C11F2556797423CA7)
 -  PAGO 041011.exe (PID: 5248 cmdline: C:\Users\user\Desktop\PAGO 041011.exe MD5: 944523351DA5539C11F2556797423CA7)
- cleanup

Malware Configuration

Threatname: Agenttesla

```
{
  "Exfil Mode": "SMTP",
  "Username": "logistics@jkmedical.co.in",
  "Password": "Logistics@1234",
  "Host": "us2.smtp.mailhostbox.com"
}
```

Yara Signatures

Memory Dumps

Source	Rule	Description	Author	Strings
00000009.00000000.294242175.0000000000402000.0000040.00000400.00020000.00000000.sdmp	JoeSecurity_AgentTesla_1	Yara detected AgentTesla	Joe Security	
00000009.00000000.294242175.0000000000402000.0000040.00000400.00020000.00000000.sdmp	JoeSecurity_AgentTesla_2	Yara detected AgentTesla	Joe Security	
00000000.00000002.298346633.00000000025CD000.0000004.00000800.00020000.00000000.sdmp	JoeSecurity_AntiVM_3	Yara detected AntiVM_3	Joe Security	

Source	Rule	Description	Author	Strings
00000009.00000002.510778915.0000000000402000.00000040.000000400.00020000.00000000.sdmp	JoeSecurity_AgentTesla_1	Yara detected AgentTesla	Joe Security	
00000009.00000002.510778915.0000000000402000.00000040.000000400.00020000.00000000.sdmp	JoeSecurity_AgentTesla_2	Yara detected AgentTesla	Joe Security	
Click to see the 15 entries				

Unpacked PEs

Source	Rule	Description	Author	Strings
9.0.PAGO 041011.exe.400000.10.unpack	JoeSecurity_AgentTesla_1	Yara detected AgentTesla	Joe Security	
9.0.PAGO 041011.exe.400000.10.unpack	JoeSecurity_AgentTesla_2	Yara detected AgentTesla	Joe Security	
9.0.PAGO 041011.exe.400000.10.unpack	MALWARE_Win_AgentTeslaV3	AgentTeslaV3 infostealer payload	ditekSHen	0x32b05:\$s10: logins 0x3256c:\$s11: credential 0x2eb6f:\$g1: get_Clipboard 0x2eb7d:\$g2: get_Keyboard 0x2eb8a:\$g3: get_Password 0x2fe77:\$g4: get_CtrlKeyDown 0x2fe87:\$g5: get_ShiftKeyDown 0x2fe98:\$g6: get_AltKeyDown
9.2.PAGO 041011.exe.400000.0.unpack	JoeSecurity_AgentTesla_1	Yara detected AgentTesla	Joe Security	
9.2.PAGO 041011.exe.400000.0.unpack	JoeSecurity_AgentTesla_2	Yara detected AgentTesla	Joe Security	
Click to see the 34 entries				

Sigma Signatures

 No Sigma rule has matched

Snort Signatures

 No Snort rule has matched

Joe Sandbox Signatures

AV Detection

Found malware configuration

Machine Learning detection for sample

System Summary

Malicious sample detected (through community Yara rule)

Data Obfuscation

.NET source code contains method to dynamically call methods (often used by packers)

Malware Analysis System Evasion

Yara detected AntiVM3

Tries to detect sandboxes and other dynamic analysis tools (process name or module or function)

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

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

HIPS / PFW / Operating System Protection Evasion



Injects a PE file into a foreign processes

Stealing of Sensitive Information



Yara detected AgentTesla

Tries to steal Mail credentials (via file / registry access)

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

Tries to harvest and steal ftp login credentials

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

Remote Access Functionality

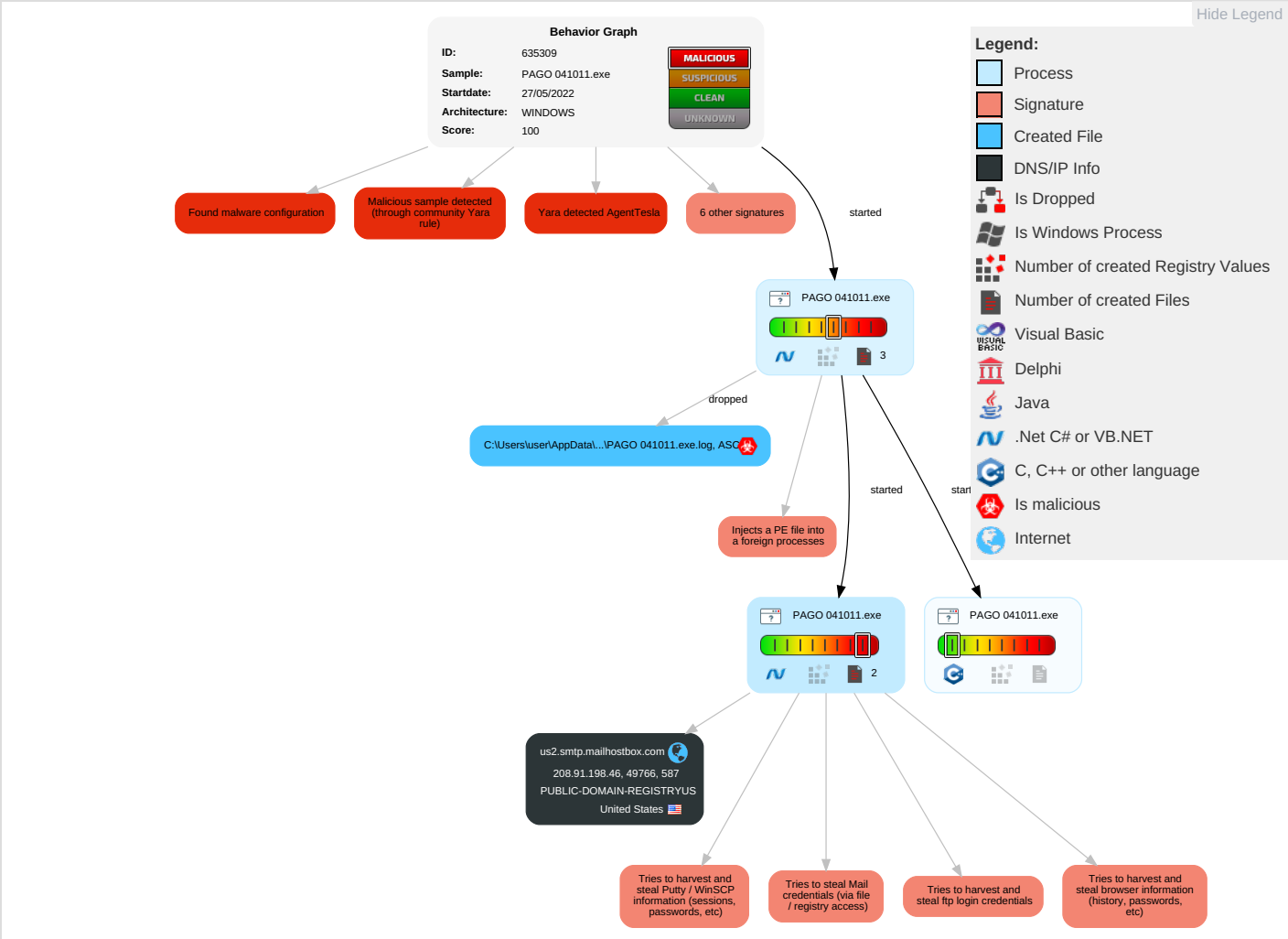


Yara detected AgentTesla

Mitre Att&ck Matrix

Initial Access	Execution	Persistence	Privilege Escalation	Defense Evasion	Credential Access	Discovery	Lateral Movement	Collection	Exfiltration	Command and Control	Network Effects	Remote Service Effects	Impact
Valid Accounts	2 1 1 Windows Management Instrumentation	Path Interception	1 1 1 Process Injection	1 Masquerading	2 OS Credential Dumping	2 1 1 Security Software Discovery	Remote Services	1 Email Collection	Exfiltration Over Other Network Medium	1 Encrypted Channel	Eavesdrop on Insecure Network Communication	Remotely Track Device Without Authorization	Modify System Partition
Default Accounts	Scheduled Task/Job	Boot or Logon Initialization Scripts	Boot or Logon Initialization Scripts	1 Disable or Modify Tools	1 Input Capture	1 Process Discovery	Remote Desktop Protocol	1 Input Capture	Exfiltration Over Bluetooth	1 Non-Standard Port	Exploit SS7 to Redirect Phone Calls/SMS	Remotely Wipe Data Without Authorization	Device Lockout
Domain Accounts	At (Linux)	Logon Script (Windows)	Logon Script (Windows)	1 3 1 Virtualization/Sandbox Evasion	1 Credentials in Registry	1 3 1 Virtualization/Sandbox Evasion	SMB/Windows Admin Shares	1 1 Archive Collected Data	Automated Exfiltration	1 Non-Application Layer Protocol	Exploit SS7 to Track Device Location	Obtain Device Cloud Backups	Delete Device Data
Local Accounts	At (Windows)	Logon Script (Mac)	Logon Script (Mac)	1 1 1 Process Injection	NTDS	1 Application Window Discovery	Distributed Component Object Model	2 Data from Local System	Scheduled Transfer	1 1 Application Layer Protocol	SIM Card Swap		Carrier Billing Fraud
Cloud Accounts	Cron	Network Logon Script	Network Logon Script	1 Deobfuscate/Decode Files or Information	LSA Secrets	1 Remote System Discovery	SSH	Keylogging	Data Transfer Size Limits	Fallback Channels	Manipulate Device Communication		Manipulate App Store Rankings or Ratings
Replication Through Removable Media	Launchd	Rc.common	Rc.common	2 Obfuscated Files or Information	Cached Domain Credentials	1 1 4 System Information Discovery	VNC	GUI Input Capture	Exfiltration Over C2 Channel	Multiband Communication	Jamming or Denial of Service		Abuse Accessibility Features
External Remote Services	Scheduled Task	Startup Items	Startup Items	1 3 Software Packing	DCSync	Network Sniffing	Windows Remote Management	Web Portal Capture	Exfiltration Over Alternative Protocol	Commonly Used Port	Rogue Wi-Fi Access Points		Data Encrypted for Impact

Behavior Graph





Antivirus, Machine Learning and Genetic Malware Detection

Initial Sample

Source	Detection	Scanner	Label	Link
PAGO 041011.exe	100%	Joe Sandbox ML		

Dropped Files

 No Antivirus matches

Unpacked PE Files

Source	Detection	Scanner	Label	Link	Download
9.0.PAGO 041011.exe.400000.12.unpack	100%	Avira	TR/Spy.Gen8		Download File
9.0.PAGO 041011.exe.400000.10.unpack	100%	Avira	TR/Spy.Gen8		Download File
9.2.PAGO 041011.exe.400000.0.unpack	100%	Avira	TR/Spy.Gen8		Download File
9.0.PAGO 041011.exe.400000.4.unpack	100%	Avira	TR/Spy.Gen8		Download File
9.0.PAGO 041011.exe.400000.8.unpack	100%	Avira	TR/Spy.Gen8		Download File
9.0.PAGO 041011.exe.400000.6.unpack	100%	Avira	TR/Spy.Gen8		Download File

Domains

 No Antivirus matches

URLs				
Source	Detection	Scanner	Label	Link
http://crt.sectigo.com/SectigoRSADomainValidationSecureServerCA.crt0#	0%	URL Reputation	safe	
http://127.0.0.1:HTTP/1.1	0%	Avira URL Cloud	safe	
http://https://sectigo.com/CPS0	0%	URL Reputation	safe	
http://www.founder.com.cn/cn/bThe	0%	URL Reputation	safe	
http://https://www.theonionrouter.com/dist.torproject.org/torbrowser/9.5.3/tor-win32-0.4.3.6.ziphttps://www	0%	URL Reputation	safe	
http://www.tiro.com	0%	URL Reputation	safe	
http://www.goodfont.co.kr	0%	URL Reputation	safe	
http://www.carterandcone.coml	0%	URL Reputation	safe	
http://www.sajatypeworks.com	0%	URL Reputation	safe	
http://www.typography.netD	0%	URL Reputation	safe	
http://www.founder.com.cn/cn/cThe	0%	URL Reputation	safe	
http://www.galapagosdesign.com/staff/dennis.htm	0%	URL Reputation	safe	
http://fontfabrik.com	0%	URL Reputation	safe	
http://www.founder.com.cn/cn	0%	URL Reputation	safe	
http://cwMRtK.com	0%	Avira URL Cloud	safe	
http://www.jiyu-kobo.co.jp/	0%	URL Reputation	safe	
http://https://MnDXg1BIFqyy5v6ef.com	0%	Avira URL Cloud	safe	
http://DynDns.comDynDNSnamejdpaswordPsi/Psi	0%	URL Reputation	safe	
http://www.galapagosdesign.com/DPlease	0%	URL Reputation	safe	
http://ocsp.sectigo.com0A	0%	URL Reputation	safe	
http://www.sandoll.co.kr	0%	URL Reputation	safe	
http://www.urwpp.deDPlease	0%	URL Reputation	safe	
http://www.zhongyicts.com.cn	0%	URL Reputation	safe	
http://www.sakkal.com	0%	URL Reputation	safe	

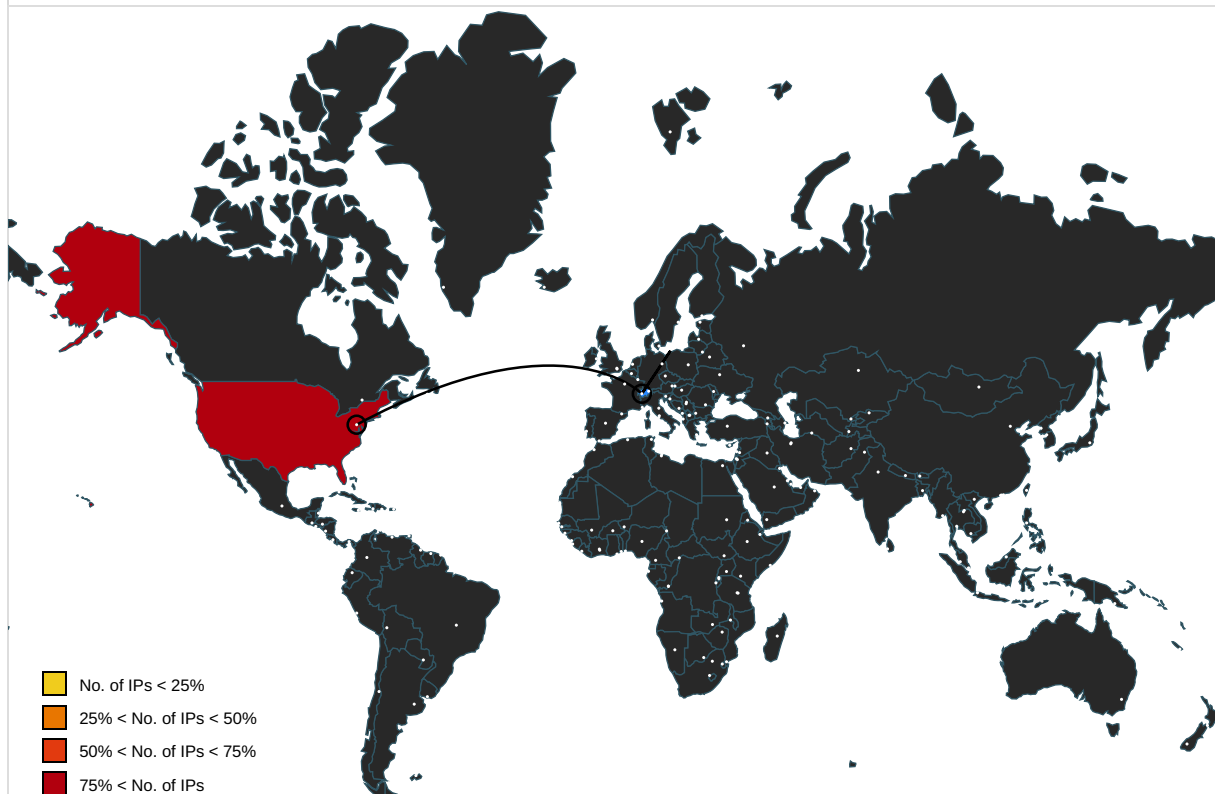
Domains and IPs					
Contacted Domains					
Name	IP	Active	Malicious	Antivirus Detection	Reputation
us2.smtp.mailhostbox.com	208.91.198.46	true	false		high

URLs from Memory and Binaries				
Name	Source	Malicious	Antivirus Detection	Reputation
http://crt.sectigo.com/SectigoRSADomainValidationSecureServerCA.crt0#	PAGO 041011.exe, 00000009.00000002.516422219.0000000002EB5000.00000004.00000800.00020000.00000000.sdmp	false	URL Reputation: safe	unknown
http://127.0.0.1:HTTP/1.1	PAGO 041011.exe, 00000009.00000002.514040799.0000000002B61000.00000004.00000800.00020000.00000000.sdmp	false	Avira URL Cloud: safe	low
http://www.apache.org/licenses/LICENSE-2.0	PAGO 041011.exe, 00000000.00000002.305918752.0000000006982000.00000004.00000800.00020000.00000000.sdmp	false		high
http://www.fontbureau.com	PAGO 041011.exe, 00000000.00000002.305918752.0000000006982000.00000004.00000800.00020000.00000000.sdmp	false		high
http://www.fontbureau.com/designersG	PAGO 041011.exe, 00000000.00000002.305918752.0000000006982000.00000004.00000800.00020000.00000000.sdmp	false		high
http://https://sectigo.com/CPS0	PAGO 041011.exe, 00000009.00000002.516422219.0000000002EB5000.00000004.00000800.00020000.00000000.sdmp	false	URL Reputation: safe	unknown
http://www.fontbureau.com/designers/?	PAGO 041011.exe, 00000000.00000002.305918752.0000000006982000.00000004.00000800.00020000.00000000.sdmp	false		high
http://www.founder.com.cn/cn/bThe	PAGO 041011.exe, 00000000.00000002.305918752.0000000006982000.00000004.00000800.00020000.00000000.sdmp	false	URL Reputation: safe	unknown

Name	Source	Malicious	Antivirus Detection	Reputation
http://us2.smtp.mailhostbox.com	PAGO 041011.exe, 00000009.00000002.51642219.0000000002EB5000.00000004.00000800.00020000.00000000.sdmp	false		high
http://www.fontbureau.com/designers?	PAGO 041011.exe, 00000000.00000002.305918752.0000000006982000.00000004.00000800.00020000.00000000.sdmp	false		high
http://https://www.theonionrouter.com/dist.torproject.org/torbrowser/9.5.3/tor-win32-0.4.3.6.ziphttps://www	PAGO 041011.exe, 00000009.00000002.514040799.0000000002B61000.00000004.00000800.00020000.00000000.sdmp	false	URL Reputation: safe	unknown
http://www.tiro.com	PAGO 041011.exe, 00000000.00000002.305918752.0000000006982000.00000004.00000800.00020000.00000000.sdmp	false	URL Reputation: safe	unknown
http://www.fontbureau.com/designers	PAGO 041011.exe, 00000000.00000002.305918752.0000000006982000.00000004.00000800.00020000.00000000.sdmp	false		high
http://www.goodfont.co.kr	PAGO 041011.exe, 00000000.00000002.305918752.0000000006982000.00000004.00000800.00020000.00000000.sdmp	false	URL Reputation: safe	unknown
http://www.carterandcone.coml	PAGO 041011.exe, 00000000.00000002.305918752.0000000006982000.00000004.00000800.00020000.00000000.sdmp	false	URL Reputation: safe	unknown
http://www.sajatypeworks.com	PAGO 041011.exe, 00000000.00000002.305918752.0000000006982000.00000004.00000800.00020000.00000000.sdmp	false	URL Reputation: safe	unknown
http://www.typography.netD	PAGO 041011.exe, 00000000.00000002.305918752.0000000006982000.00000004.00000800.00020000.00000000.sdmp	false	URL Reputation: safe	unknown
http://www.fontbureau.com/designers/cabarga.htmlN	PAGO 041011.exe, 00000000.00000002.305918752.0000000006982000.00000004.00000800.00020000.00000000.sdmp	false		high
http://www.founder.com.cn/cn/cThe	PAGO 041011.exe, 00000000.00000002.305918752.0000000006982000.00000004.00000800.00020000.00000000.sdmp	false	URL Reputation: safe	unknown
http://www.galapagosdesign.com/staff/dennis.htm	PAGO 041011.exe, 00000000.00000002.305918752.0000000006982000.00000004.00000800.00020000.00000000.sdmp	false	URL Reputation: safe	unknown
http://fontfabrik.com	PAGO 041011.exe, 00000000.00000002.305918752.0000000006982000.00000004.00000800.00020000.00000000.sdmp	false	URL Reputation: safe	unknown
http://www.founder.com.cn/cn	PAGO 041011.exe, 00000000.00000002.305918752.0000000006982000.00000004.00000800.00020000.00000000.sdmp	false	URL Reputation: safe	unknown
http://www.fontbureau.com/designers/frere-user.html	PAGO 041011.exe, 00000000.00000002.305918752.0000000006982000.00000004.00000800.00020000.00000000.sdmp	false		high
http://cwMRtK.com	PAGO 041011.exe, 00000009.00000002.514040799.0000000002B61000.00000004.00000800.00020000.00000000.sdmp	false	Avira URL Cloud: safe	unknown
http://www.jiyu-kobo.co.jp/	PAGO 041011.exe, 00000000.00000002.305918752.0000000006982000.00000004.00000800.00020000.00000000.sdmp	false	URL Reputation: safe	unknown
http://https://MnDXg1BlFqyy5v6ef.com	PAGO 041011.exe, 00000009.00000002.516506318.0000000002ED8000.00000004.00000800.00020000.00000000.sdmp	false	Avira URL Cloud: safe	unknown
http://DynDns.comDynDNSnamejdpaswordPsi/Psi	PAGO 041011.exe, 00000009.00000002.514040799.0000000002B61000.00000004.00000800.00020000.00000000.sdmp	false	URL Reputation: safe	unknown
http://www.galapagosdesign.com/DPlease	PAGO 041011.exe, 00000000.00000002.305918752.0000000006982000.00000004.00000800.00020000.00000000.sdmp	false	URL Reputation: safe	unknown
http://www.fontbureau.com/designers8	PAGO 041011.exe, 00000000.00000002.305918752.0000000006982000.00000004.00000800.00020000.00000000.sdmp	false		high
http://ocsp.sectigo.com0A	PAGO 041011.exe, 00000009.00000002.51642219.0000000002EB5000.00000004.00000800.00020000.00000000.sdmp	false	URL Reputation: safe	unknown
http://www.fonts.com	PAGO 041011.exe, 00000000.00000002.305918752.0000000006982000.00000004.00000800.00020000.00000000.sdmp	false		high
http://www.sandoll.co.kr	PAGO 041011.exe, 00000000.00000002.305918752.0000000006982000.00000004.00000800.00020000.00000000.sdmp	false	URL Reputation: safe	unknown
http://www.urwpp.deDPlease	PAGO 041011.exe, 00000000.00000002.305918752.0000000006982000.00000004.00000800.00020000.00000000.sdmp	false	URL Reputation: safe	unknown

Name	Source	Malicious	Antivirus Detection	Reputation
http://www.zhongyicts.com.cn	PAGO 041011.exe, 00000000.00000002.305918752.0000000006982000.00000004.00000800.00020000.00000000.sdmp	false	URL Reputation: safe	unknown
http://www.sakkal.com	PAGO 041011.exe, 00000000.00000002.305918752.0000000006982000.00000004.00000800.00020000.00000000.sdmp	false	URL Reputation: safe	unknown

World Map of Contacted IPs



Public IPs

IP	Domain	Country	Flag	ASN	ASN Name	Malicious
208.91.198.46	us2.smtp.mailhostbox.com	United States		394695	PUBLIC-DOMAIN-REGISTRYUS	false

General Information

Joe Sandbox Version:	34.0.0 Boulder Opal
Analysis ID:	635309
Start date and time: 27/05/2022 18:54:02	2022-05-27 18:54:02 +02:00
Joe Sandbox Product:	CloudBasic
Overall analysis duration:	0h 10m 29s
Hypervisor based Inspection enabled:	false
Report type:	light
Sample file name:	PAGO 041011.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:	26
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.spyw.evad.winEXE@5/1@1/1
EGA Information:	• Successful, ratio: 66.7%
HDC Information:	• Successful, ratio: 1.8% (good quality ratio 1.4%) • Quality average: 59.5% • Quality standard deviation: 37.9%
HCA Information:	• Successful, ratio: 99% • Number of executed functions: 0 • Number of non-executed functions: 0
Cookbook Comments:	• Found application associated with file extension: .exe • Adjust boot time • Enable AMSI

Warnings

- Exclude process from analysis (whitelisted): MpCmdRun.exe, BackgroundTransferHost.exe, backgroundTaskHost.exe, SgrmBroker.exe, conhost.exe, svchost.exe, wuapihost.exe
- Excluded domains from analysis (whitelisted): ris.api.iris.microsoft.com, fs.microsoft.com, store-images.s-microsoft.com, login.live.com, sls.update.microsoft.com, displaycatalog.m
- Execution Graph export aborted for target PAGO 041011.exe, P ID 5060 because there are no e xecuted function
- Not all processes where analyzed, report is missing behavior information
- Report size getting too big, t oo many NtAllocateVirtualMemory calls found.
- Report size getting too big, t oo many NtOpenKeyEx calls found.
- Report size getting too big, t oo many NtQueryValueKey calls found.
- VT rate limit hit for: PAGO 041011.exe

Simulations

Behavior and APIs

Time	Type	Description
18:55:28	API Interceptor	667x Sleep call for process: PAGO 041011.exe modified

Joe Sandbox View / Context

IPs

No context

Domains

No context

ASNs

No context

JA3 Fingerprints

No context

Dropped Files

No context

Created / dropped Files

C:\Users\user\AppData\Local\Microsoft\CLR_v4.0_32\UsageLogs\PAGO 041011.exe.log 

Process:	C:\Users\user\Desktop\PAGO 041011.exe
File Type:	ASCII text, with CRLF line terminators
Category:	dropped
Size (bytes):	1308
Entropy (8bit):	5.345811588615766
Encrypted:	false
SSDEEP:	24:MLUE4K5E4Ks2E1qE4qXKDE4KhK3VZ9pKhPKIE4oKFKHKoZAE4Kzr7FE4x84FsXE8:MIHK5HKXE1qHiYHKhQnoPtHoxHhAHKzu
MD5:	2E016B886BDB8389D2DD0867BE55F87B
SHA1:	25D28EF2ACBB41764571E06E11BF4C05DD0E2F8B
SHA-256:	1D037CF00A8849E6866603297F85D3DABE09535E72EDD2636FB7D0F6C7DA3427
SHA-512:	C100729153954328AA2A77EECB2A3CBD03CB7E8E23D736000F890B17AAA50BA87745E30FB9E2B0D61E16DCA45694C79B4CE09B9F4475220BEB38CAEA546CFC2A
Malicious:	true
Reputation:	high, very likely benign file
Preview:	1,"fusion","GAC",0..1,"WinRT","NotApp",1..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\4f0a7eefa3cd3e0ba98b5ebddbbc72e6\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\1d8480152e0da9a60ad49c6d16a3b6d\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=b77a5c561934e089","C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Xml\1b219d4630d26b88041b59c21

Static File Info

General

File type:	PE32 executable (GUI) Intel 80386 Mono/.Net assembly, for MS Windows
Entropy (8bit):	7.751112562697552
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:	PAGO 041011.exe
File size:	797696
MD5:	944523351da5539c11f2556797423ca7
SHA1:	729c0a97f2398b6fdf34db8268d20d545ebc8d23
SHA256:	d285dd9606cf62e393b6203a843a9a0392da885f2f427106885bff3ebaef759
SHA512:	c4f47c728972580d9802f1bae0ee671c83f2b73d646a3af4a588cb8cadb1ca5e9c2ef48937e0c689fa5a8615f71587e07784f927012a7b37e583b926e50f4b74
SSDEEP:	12288:BY8mAr9tULz/q7pbH44FQSDtjBt06kqAEy+f8ZJkMm3TZl2cmBtXaqrix:awqzCdb3QU/pyeLMm32cmTxA
TLSH:	9305E16EB692AD13C1280BF680D7840423F15647E176E7872FC721C72E0ABE54DDAB5B
File Content Preview:	MZ.....@.....!..L!This program cannot be run in DOS mode....\$.....PE..L.....b.....0.....Z.....@..

File Icon



Icon Hash:	4462f276dcec30e6
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Static PE Info

General

Entrypoint:	0x4bef9e
Entrypoint Section:	.text
Digitally signed:	false
Imagebase:	0x400000
Subsystem:	windows gui
Image File Characteristics:	LOCAL_SYMS_STRIPPED, 32BIT_MACHINE, EXECUTABLE_IMAGE, LINE_NUMS_STRIPPED

Name	Virtual Address	Virtual Size	Is in Section
IMAGE_DIRECTORY_ENTRY_SECURITY	0x0	0x0	
IMAGE_DIRECTORY_ENTRY_BASERELOC	0xc6000	0xc	.reloc
IMAGE_DIRECTORY_ENTRY_DEBUG	0xbeefa	0x1c	.text
IMAGE_DIRECTORY_ENTRY_COPYRIGHT	0x0	0x0	
IMAGE_DIRECTORY_ENTRY_GLOBALPTR	0x0	0x0	
IMAGE_DIRECTORY_ENTRY_TLS	0x0	0x0	
IMAGE_DIRECTORY_ENTRY_LOAD_CONFIG	0x0	0x0	
IMAGE_DIRECTORY_ENTRY_BOUND_IMPORT	0x0	0x0	
IMAGE_DIRECTORY_ENTRY_IAT	0x2000	0x8	.text
IMAGE_DIRECTORY_ENTRY_DELAY_IMPORT	0x0	0x0	
IMAGE_DIRECTORY_ENTRY_COM_DESCRIPTOR	0x2008	0x48	.text
IMAGE_DIRECTORY_ENTRY_RESERVED	0x0	0x0	

Sections								
Name	Virtual Address	Virtual Size	Raw Size	Xored PE	ZLIB Complexity	File Type	Entropy	Characteristics
.text	0x2000	0xbcf4	0xbd000	False	0.883891110698	data	7.74944838218	IMAGE_SCN_MEM_EXECUTE, IMAGE_SCN_CNT_CODE, IMAGE_SCN_MEM_READ
.rsrc	0xc0000	0x57d0	0x5800	False	0.965110085227	data	7.8921242943	IMAGE_SCN_CNT_INITIALIZED_DATA, IMAGE_SCN_MEM_READ
.reloc	0xc6000	0xc	0x200	False	0.044921875	data	0.101910425663	IMAGE_SCN_CNT_INITIALIZED_DATA, IMAGE_SCN_MEM_DISCARDABLE, IMAGE_SCN_MEM_READ

Resources					
Name	RVA	Size	Type	Language	Country
RT_ICON	0xc0130	0x51a3	PNG image data, 256 x 256, 8-bit/color RGBA, non-interlaced		
RT_GROUP_ICON	0xc52d4	0x14	data		
RT_VERSION	0xc52e8	0x2fc	data		
RT_MANIFEST	0xc55e4	0x1ea	XML 1.0 document, UTF-8 Unicode (with BOM) text, with CRLF line terminators		

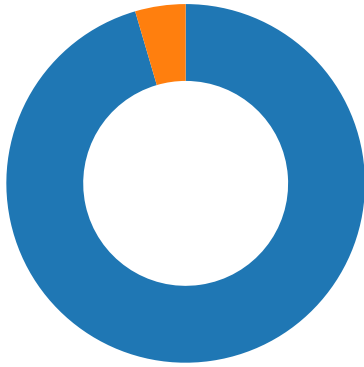
Imports	
DLL	Import
mscoree.dll	_CorExeMain

Version Infos	
Description	Data
Translation	0x0000 0x04b0
LegalCopyright	
Assembly Version	1.0.0.0
InternalName	EnvoyTerminatorS.exe
FileVersion	1.0.0.0
CompanyName	
LegalTrademarks	
Comments	
ProductName	
ProductVersion	1.0.0.0
FileDescription	
OriginalFilename	EnvoyTerminatorS.exe

Network Behavior
Network Port Distribution

Total Packets: 22

- 53 (DNS)
- 587 undefined



TCP Packets

Timestamp	Source Port	Dest Port	Source IP	Dest IP
May 27, 2022 18:55:49.713362932 CEST	49766	587	192.168.2.4	208.91.198.46
May 27, 2022 18:55:49.922554016 CEST	587	49766	208.91.198.46	192.168.2.4
May 27, 2022 18:55:49.922697067 CEST	49766	587	192.168.2.4	208.91.198.46
May 27, 2022 18:55:51.138128996 CEST	587	49766	208.91.198.46	192.168.2.4
May 27, 2022 18:55:51.138690948 CEST	49766	587	192.168.2.4	208.91.198.46
May 27, 2022 18:55:51.347852945 CEST	587	49766	208.91.198.46	192.168.2.4
May 27, 2022 18:55:51.347879887 CEST	587	49766	208.91.198.46	192.168.2.4
May 27, 2022 18:55:51.348267078 CEST	49766	587	192.168.2.4	208.91.198.46
May 27, 2022 18:55:51.557518959 CEST	587	49766	208.91.198.46	192.168.2.4
May 27, 2022 18:55:51.607098103 CEST	49766	587	192.168.2.4	208.91.198.46
May 27, 2022 18:55:51.816951036 CEST	587	49766	208.91.198.46	192.168.2.4
May 27, 2022 18:55:51.817006111 CEST	587	49766	208.91.198.46	192.168.2.4
May 27, 2022 18:55:51.817037106 CEST	587	49766	208.91.198.46	192.168.2.4
May 27, 2022 18:55:51.817054987 CEST	587	49766	208.91.198.46	192.168.2.4
May 27, 2022 18:55:51.817096949 CEST	49766	587	192.168.2.4	208.91.198.46
May 27, 2022 18:55:51.817125082 CEST	49766	587	192.168.2.4	208.91.198.46
May 27, 2022 18:55:51.818969011 CEST	587	49766	208.91.198.46	192.168.2.4
May 27, 2022 18:55:51.872983932 CEST	49766	587	192.168.2.4	208.91.198.46
May 27, 2022 18:55:52.026288986 CEST	587	49766	208.91.198.46	192.168.2.4
May 27, 2022 18:55:52.049781084 CEST	49766	587	192.168.2.4	208.91.198.46
May 27, 2022 18:55:52.259737015 CEST	587	49766	208.91.198.46	192.168.2.4
May 27, 2022 18:55:52.310487986 CEST	49766	587	192.168.2.4	208.91.198.46
May 27, 2022 18:55:52.370445967 CEST	49766	587	192.168.2.4	208.91.198.46
May 27, 2022 18:55:52.606142044 CEST	587	49766	208.91.198.46	192.168.2.4
May 27, 2022 18:55:52.622620106 CEST	49766	587	192.168.2.4	208.91.198.46
May 27, 2022 18:55:52.833873987 CEST	587	49766	208.91.198.46	192.168.2.4
May 27, 2022 18:55:52.834742069 CEST	49766	587	192.168.2.4	208.91.198.46
May 27, 2022 18:55:53.047013998 CEST	587	49766	208.91.198.46	192.168.2.4
May 27, 2022 18:55:53.047961950 CEST	49766	587	192.168.2.4	208.91.198.46
May 27, 2022 18:55:53.259996891 CEST	587	49766	208.91.198.46	192.168.2.4
May 27, 2022 18:55:53.260545969 CEST	49766	587	192.168.2.4	208.91.198.46
May 27, 2022 18:55:53.483143091 CEST	587	49766	208.91.198.46	192.168.2.4
May 27, 2022 18:55:53.483684063 CEST	49766	587	192.168.2.4	208.91.198.46
May 27, 2022 18:55:53.696765900 CEST	587	49766	208.91.198.46	192.168.2.4
May 27, 2022 18:55:53.697957039 CEST	49766	587	192.168.2.4	208.91.198.46
May 27, 2022 18:55:53.698120117 CEST	49766	587	192.168.2.4	208.91.198.46
May 27, 2022 18:55:53.698879957 CEST	49766	587	192.168.2.4	208.91.198.46
May 27, 2022 18:55:53.698962927 CEST	49766	587	192.168.2.4	208.91.198.46
May 27, 2022 18:55:53.907169104 CEST	587	49766	208.91.198.46	192.168.2.4
May 27, 2022 18:55:53.907989025 CEST	587	49766	208.91.198.46	192.168.2.4
May 27, 2022 18:55:54.043982983 CEST	587	49766	208.91.198.46	192.168.2.4

Timestamp	Source Port	Dest Port	Source IP	Dest IP
May 27, 2022 18:55:54.091948032 CEST	49766	587	192.168.2.4	208.91.198.46

UDP Packets

Timestamp	Source Port	Dest Port	Source IP	Dest IP
May 27, 2022 18:55:49.633374929 CEST	56076	53	192.168.2.4	8.8.8.8
May 27, 2022 18:55:49.656034946 CEST	53	56076	8.8.8.8	192.168.2.4

DNS Queries

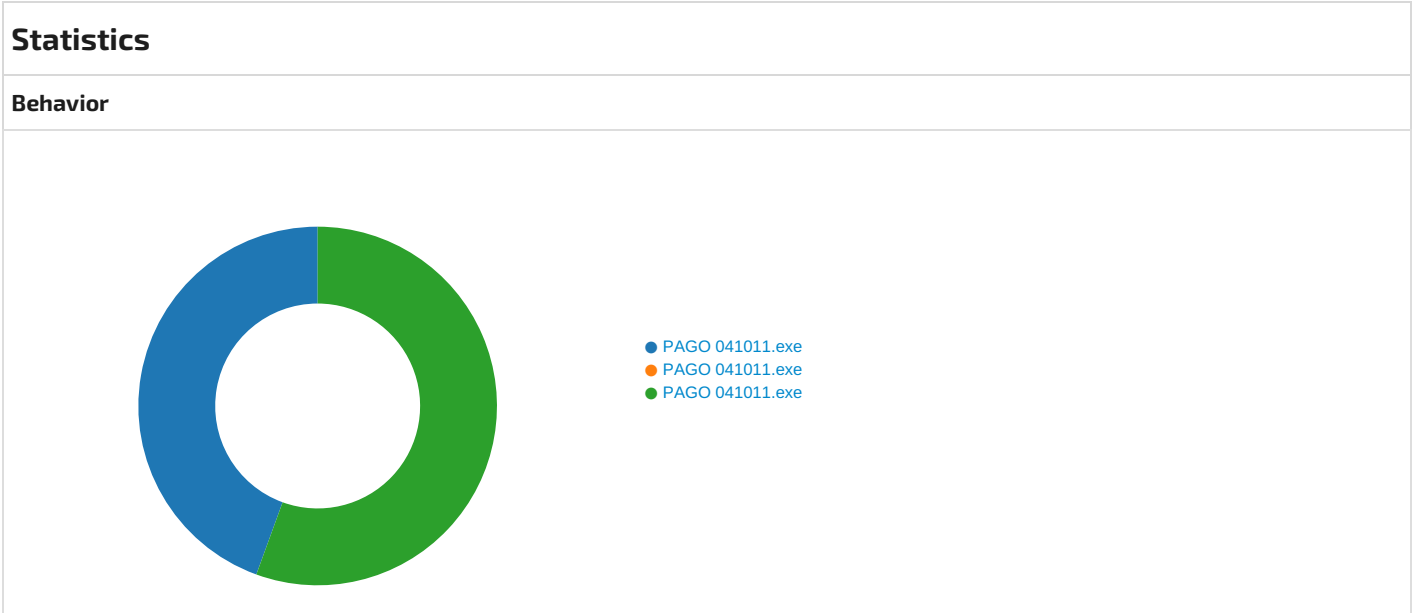
Timestamp	Source IP	Dest IP	Trans ID	OP Code	Name	Type	Class
May 27, 2022 18:55:49.633374929 CEST	192.168.2.4	8.8.8.8	0x87f7	Standard query (0)	us2.smtp.m ailhostbox.com	A (IP address)	IN (0x0001)

DNS Answers

Timestamp	Source IP	Dest IP	Trans ID	Reply Code	Name	CName	Address	Type	Class
May 27, 2022 18:55:49.656034946 CEST	8.8.8.8	192.168.2.4	0x87f7	No error (0)	us2.smtp.m ailhostbox.com		208.91.198.46	A (IP address)	IN (0x0001)
May 27, 2022 18:55:49.656034946 CEST	8.8.8.8	192.168.2.4	0x87f7	No error (0)	us2.smtp.m ailhostbox.com		162.222.225.16	A (IP address)	IN (0x0001)
May 27, 2022 18:55:49.656034946 CEST	8.8.8.8	192.168.2.4	0x87f7	No error (0)	us2.smtp.m ailhostbox.com		208.91.198.38	A (IP address)	IN (0x0001)
May 27, 2022 18:55:49.656034946 CEST	8.8.8.8	192.168.2.4	0x87f7	No error (0)	us2.smtp.m ailhostbox.com		162.222.225.29	A (IP address)	IN (0x0001)

SMTP Packets

Timestamp	Source Port	Dest Port	Source IP	Dest IP	Commands
May 27, 2022 18:55:51.138128996 CEST	587	49766	208.91.198.46	192.168.2.4	220 us2.outbound.mailhostbox.com ESMTP Postfix
May 27, 2022 18:55:51.138690948 CEST	49766	587	192.168.2.4	208.91.198.46	EHLO 562258
May 27, 2022 18:55:51.347879887 CEST	587	49766	208.91.198.46	192.168.2.4	250-us2.outbound.mailhostbox.com 250-PIPELINING 250-SIZE 41648128 250-VRFY 250-ETRN 250-STARTTLS 250-AUTH PLAIN LOGIN 250-AUTH=PLAIN LOGIN 250-ENHANCEDSTATUSCODES 250-8BITMIME 250-DSN 250 CHUNKING
May 27, 2022 18:55:51.348267078 CEST	49766	587	192.168.2.4	208.91.198.46	STARTTLS
May 27, 2022 18:55:51.557518959 CEST	587	49766	208.91.198.46	192.168.2.4	220 2.0.0 Ready to start TLS



System Behavior

Analysis Process: PAGO 041011.exe PID: 5336, Parent PID: 2872

General

Target ID:	0
Start time:	18:55:11
Start date:	27/05/2022
Path:	C:\Users\user\Desktop\PAGO 041011.exe
Wow64 process (32bit):	true
Commandline:	"C:\Users\user\Desktop\PAGO 041011.exe"
Imagebase:	0x260000
File size:	797696 bytes
MD5 hash:	944523351DA5539C11F2556797423CA7
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	.Net C# or VB.NET
Yara matches:	- Rule: JoeSecurity_AntiVM_3, Description: Yara detected AntiVM_3, Source: 00000000.00000002.298346633.00000000025CD000.00000004.00000800.00020000.00000000.sdmp, Author: Joe Security - Rule: MALWARE_Win_zgRAT, Description: Detects zgRAT, Source: 00000000.00000002.310555924.0000000007170000.00000004.08000000.00040000.00000000.sdmp, Author: ditekSHen - Rule: JoeSecurity_AgentTesla_1, Description: Yara detected AgentTesla, Source: 00000000.00000002.299057067.0000000003561000.00000004.00000800.00020000.00000000.sdmp, Author: Joe Security - Rule: JoeSecurity_AgentTesla_2, Description: Yara detected AgentTesla, Source: 00000000.00000002.299057067.0000000003561000.00000004.00000800.00020000.00000000.sdmp, Author: Joe Security
Reputation:	low

File Activities

File Created

File Path	Access	Attributes	Options	Completion	Count	Source Address	Symbol
C:\Users\user	read data or list directory synchronize	device	directory file synchronous io non alert open for backup ident open reparse point	object name collision	1	6DB5CF06	unknown
C:\Users\user\AppData\Roaming	read data or list directory synchronize	device	directory file synchronous io non alert open for backup ident open reparse point	object name collision	1	6DB5CF06	unknown
C:\Users\user\AppData\Local\Microsoft\CLR\v4.0.32\UsageLogs\PAGO 041011.exe.log	read attributes synchronize generic write	device	synchronous io non alert non directory file	success or wait	1	6DE6C78D	CreateFileW

File Written

File Path	Offset	Length	Value	Ascii	Completion	Count	Source Address	Symbol
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Reputation:	low
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Analysis Process: PAGO 041011.exe PID: 5248, Parent PID: 5336	
General	
Target ID:	9
Start time:	18:55:32
Start date:	27/05/2022
Path:	C:\Users\user\Desktop\PAGO 041011.exe
Wow64 process (32bit):	true
Commandline:	C:\Users\user\Desktop\PAGO 041011.exe
Imagebase:	0x770000
File size:	797696 bytes
MD5 hash:	944523351DA5539C11F2556797423CA7
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: 00000009.00000000.294242175.0000000000402000.00000040.00000400.00020000.00000000.sdmp, Author: Joe Security - Rule: JoeSecurity_AgentTesla_2, Description: Yara detected AgentTesla, Source: 00000009.00000000.294242175.0000000000402000.00000040.00000400.00020000.00000000.sdmp, Author: Joe Security - Rule: JoeSecurity_AgentTesla_1, Description: Yara detected AgentTesla, Source: 00000009.00000002.510778915.0000000000402000.00000040.00000400.00020000.00000000.sdmp, Author: Joe Security - Rule: JoeSecurity_AgentTesla_2, Description: Yara detected AgentTesla, Source: 00000009.00000002.510778915.0000000000402000.00000040.00000400.00020000.00000000.sdmp, Author: Joe Security - Rule: JoeSecurity_AgentTesla_1, Description: Yara detected AgentTesla, Source: 00000009.00000002.514040799.0000000002B61000.00000004.00000800.00020000.00000000.sdmp, Author: Joe Security - Rule: JoeSecurity_CredentialStealer, Description: Yara detected Credential Stealer, Source: 00000009.00000002.514040799.0000000002B61000.00000004.00000800.00020000.00000000.sdmp, Author: Joe Security - Rule: JoeSecurity_AgentTesla_1, Description: Yara detected AgentTesla, Source: 00000009.00000000.293620596.0000000000402000.00000040.00000400.00020000.00000000.sdmp, Author: Joe Security - Rule: JoeSecurity_AgentTesla_2, Description: Yara detected AgentTesla, Source: 00000009.00000000.293620596.0000000000402000.00000040.00000400.00020000.00000000.sdmp, Author: Joe Security - Rule: JoeSecurity_AgentTesla_1, Description: Yara detected AgentTesla, Source: 00000009.00000000.295256942.0000000000402000.00000040.00000400.00020000.00000000.sdmp, Author: Joe Security - Rule: JoeSecurity_AgentTesla_2, Description: Yara detected AgentTesla, Source: 00000009.00000000.295256942.0000000000402000.00000040.00000400.00020000.00000000.sdmp, Author: Joe Security - Rule: JoeSecurity_AgentTesla_1, Description: Yara detected AgentTesla, Source: 00000009.00000000.294747632.0000000000402000.00000040.00000400.00020000.00000000.sdmp, Author: Joe Security - Rule: JoeSecurity_AgentTesla_2, Description: Yara detected AgentTesla, Source: 00000009.00000000.294747632.0000000000402000.00000040.00000400.00020000.00000000.sdmp, Author: Joe Security
Reputation:	low

File Activities								
File Created								
File Path	Access	Attributes	Options	Completion	Count	Source Address	Symbol	
C:\Users\user	read data or list directory synchronize	device	directory file synchronous io non alert open for backup ident open reparse point	object name collision	1	6DB5CF06	unknown	
C:\Users\user\AppData\Roaming	read data or list directory synchronize	device	directory file synchronous io non alert open for backup ident open reparse point	object name collision	1	6DB5CF06	unknown	

File Read							
File Path	Offset	Length	Completion	Count	Source Address	Symbol	
C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config	unknown	4095	success or wait	1	6DB35705	unknown	
C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config	unknown	6135	success or wait	1	6DB35705	unknown	
C:\Windows\assembly\NativeImages_v4.0.30319_32\mscorlib.a152fe02a317a77ae4ee36903305e8ba6\mscorlib.ni.dll.aux	unknown	176	success or wait	1	6DA903DE	ReadFile	
C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config	unknown	4095	success or wait	1	6DB3CA54	ReadFile	
C:\Windows\assembly\NativeImages_v4.0.30319_32\System\4f0a7eefa3cd3e0ba98b5ebddbcb72e6\System.ni.dll.aux	unknown	620	success or wait	1	6DA903DE	ReadFile	
C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Configuration\8d67d92724ba494b6c7fd089d6f25b48\System.Configuration.ni.dll.aux	unknown	864	success or wait	1	6DA903DE	ReadFile	

File Path	Offset	Length	Completion	Count	Source Address	Symbol
C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Core\1d8480152e0da9a60ad49c6d16a3b6d\System.Core.ni.dll.aux	unknown	900	success or wait	1	6DA903DE	ReadFile
C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Xml\b219d4630d26b88041b59c21e8e2b95c\System.Xml.ni.dll.aux	unknown	748	success or wait	1	6DA903DE	ReadFile
C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config	unknown	4095	success or wait	1	6DB35705	unknown
C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config	unknown	8171	end of file	1	6DB35705	unknown
C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config	unknown	4096	success or wait	1	6BF61B4F	ReadFile
C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config	unknown	4096	end of file	1	6BF61B4F	ReadFile
C:\Users\user\AppData\Local\Microsoft\Credentials\DFBE70A7E5CC19A398EBF1B96859CE5D	unknown	11088	success or wait	1	6BF61B4F	ReadFile
C:\Users\user\AppData\Roaming\Microsoft\Protect\S-1-5-21-3853321935-2125563209-4053062332-1002\d1aef8e4-b864-479c-bf86-f42c63d352b2	unknown	4096	success or wait	1	6BF61B4F	ReadFile
C:\Users\user\AppData\Local\Microsoft\Credentials\DFBE70A7E5CC19A398EBF1B96859CE5D	unknown	11088	success or wait	1	6BF61B4F	ReadFile
C:\Program Files (x86)\jDownloader\config\database.script	unknown	4096	success or wait	1	6BF61B4F	ReadFile
C:\Program Files (x86)\jDownloader\config\database.script	unknown	4096	end of file	1	6BF61B4F	ReadFile
C:\Users\user\AppData\Local\Google\Chrome\User Data\Default>Login Data	unknown	40960	success or wait	1	6BF61B4F	ReadFile

Disassembly

 No disassembly