JoeSandbox Cloud BASIC

ID: 491388
Sample Name:
pug6mtV48A.exe
Cookbook: default.jbs
Time: 14:38:55
Date: 27/09/2021
Version: 33.0.0 White Diamond

Table of Contents

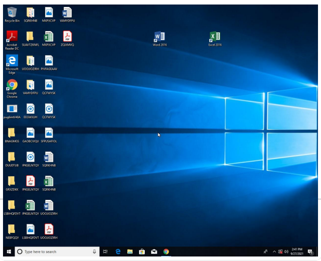
Windows Analysis Report pug6mtV48A.exe

Overview

General Information

Sample Name:	pug6mtV48A.exe
Analysis ID:	491388
MD5:	74da6faf8478358..
SHA1:	276512acad7ec6..
SHA256:	584b5b4a74cb94..
Tags:	exe
Infos:	

Most interesting Screenshot:



Detection

MALICIOUS

SUSPICIOUS

CLEAN

UNKNOWN

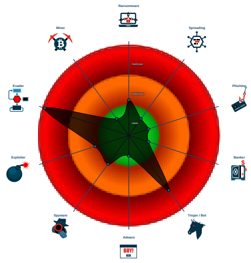
FormBook

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

Signatures

- Found malware configuration
- Multi AV Scanner detection for subm…
- Yara detected FormBook
- Malicious sample detected (through …
- Yara detected AntiVM3
- System process connects to networ…
- Multi AV Scanner detection for doma…
- Sample uses process hollowing tech…
- Maps a DLL or memory area into an…
- Uses netsh to modify the Windows n…
- Tries to detect sandboxes and other…
- Modifies the prolog of user mode fun…

Classification



Process Tree

- System is w10x64
- pug6mtV48A.exe (PID: 6664 cmdline: 'C:\Users\user\Desktop\pug6mtV48A.exe' MD5: 74DA6FAF84783587DD82552DFA63EB00)
  - pug6mtV48A.exe (PID: 6980 cmdline: C:\Users\user\Desktop\pug6mtV48A.exe MD5: 74DA6FAF84783587DD82552DFA63EB00)
    - explorer.exe (PID: 3440 cmdline: C:\Windows\Explorer.EXE MD5: AD5296B280E8F522A8A897C96BAB0E1D)
      - netsh.exe (PID: 6864 cmdline: C:\Windows\SysWOW64\netsh.exe MD5: A0AA3322BB46BBFC36AB9DC1DBBBB807)
        - cmd.exe (PID: 3012 cmdline: /c del 'C:\Users\user\Desktop\pug6mtV48A.exe' MD5: F3BDBE3BB6F734E357235F4D5898582D)
          - conhost.exe (PID: 6968 cmdline: C:\Windows\system32\conhost.exe 0xffffffff -ForceV1 MD5: EA777DEEA782E8B4D7C7C33BBF8A4496)
- cleanup

Malware Configuration

Threatname: FormBook

```
{
  "C2 list": [
    "www.odysseysailingsantorini.com/cmsr/"
  ],
  "decoy": [
    "dahlia-dolls.com",
    "iamawife.com",
    "gardunomx.com",
    "roweelitetrucking.com",
    "asapvk.com",
    "strategieslimited.com",
    "healthyweathorganics.com",
    "wedding-gallery.net",
    "fastoffer.online",
    "biolab33.cloud",
    "los40delocta.com",
    "charliepaton.com",
    "jenpaddock.com",
    "zzmweb.com",
    "poetarts.com",
    "techwork4u.com",
    "tracylynpropp.com",
    "rkbodyfit.site",
    "migaleriapanama.com",
    "cosmostco.com",
    "johnsoncamping.com",
    "flowfinancialplanning.com",
    "xn--caamosdemexico-rnb.com",
    "plusqueindia.com",
    "wwwhyprr.com",
    "benimofis.com",
    "tandteutopia.com",
    "spaintravelvacation.com",
    "dear.services",
    "zhiwugongfang.com",
    "blogdavnc.com",
    "justicefundingexchange.com",
    "alphasecreweb.info",
    "xitechgroup.com",
    "kendalmountain.digital",
    "nieght.com",
    "pieter-janenmaaike.online",
    "myexclusiveshop.com",
    "love-potato.online",
    "mondebestglobal.com",
    "ranchlandconcierge.com",
    "southerngraphx.com",
    "pray4usa.info",
    "vilchesfinancial.com",
    "zelvio.store",
    "zenibusiness.com",
    "kindredhue.com",
    "californiatacosdinuba.com",
    "uncommonsolutionsllc.com",
    "easy-lah.com",
    "disciplesevents.com",
    "856380127.xyz",
    "zapzapgone.com",
    "paradisgrp.com",
    "programmerworks.info",
    "purchasesuite.com",
    "dorotajedrusik.com",
    "555999dy.com",
    "uvoyus.com",
    "utang.net",
    "elizabethhelma.com",
    "noseainsight.com",
    "simpleterior.com",
    "casatensina.com"
  ]
}
```

Yara Overview

Memory Dumps

Source	Rule	Description	Author	Strings
00000005.00000002.493424502.0000000001060000.00000040.00020000.sdmp	JoeSecurity_FormBook	Yara detected FormBook	Joe Security	

Source	Rule	Description	Author	Strings
00000005.00000002.493424502.0000000001060000.00000040.00020000.sdmp	Formbook_1	autogenerated rule brought to you by yara-signator	Felix Bilstein - yara-signator at cocacoding dot com	• 0x98e8:$sequence_0: 03 C8 0F 31 2B C1 89 45 FC • 0x9b52:$sequence_0: 03 C8 0F 31 2B C1 89 45 FC • 0x15675:$sequence_1: 3C 24 0F 84 76 FF FF FF 3C 25 74 94 • 0x15161:$sequence_2: 3B 4F 14 73 95 85 C9 74 91 • 0x15777:$sequence_3: 3C 69 75 44 8B 7D 18 8B 0F • 0x158ef:$sequence_4: 5D C3 8D 50 7C 80 FA 07 • 0xa56a:$sequence_5: 0F BE 5C 0E 01 0F B6 54 0E 02 83 E3 0F C1 EA 06 • 0x143dc:$sequence_6: 57 89 45 FC 89 45 F4 89 45 F8 • 0xb263:$sequence_7: 66 89 0C 02 5B 8B E5 5D • 0x1b317:$sequence_8: 3C 54 74 04 3C 74 75 F4 • 0x1c31a:$sequence_9: 56 68 03 01 00 00 8D 85 95 FE FF FF 6A 00
00000005.00000002.493424502.0000000001060000.00000040.00020000.sdmp	Formbook	detect Formbook in memory	JPCERT/CC Incident Response Group	• 0x183f9:$sqlite3step: 68 34 1C 7B E1 • 0x1850c:$sqlite3step: 68 34 1C 7B E1 • 0x18428:$sqlite3text: 68 38 2A 90 C5 • 0x1854d:$sqlite3text: 68 38 2A 90 C5 • 0x1843b:$sqlite3blob: 68 53 D8 7F 8C • 0x18563:$sqlite3blob: 68 53 D8 7F 8C
00000005.00000002.492622072.0000000000400000.00000040.00000001.sdmp	JoeSecurity_FormBook	Yara detected FormBook	Joe Security	
00000005.00000002.492622072.0000000000400000.00000040.00000001.sdmp	Formbook_1	autogenerated rule brought to you by yara-signator	Felix Bilstein - yara-signator at cocacoding dot com	• 0x98e8:$sequence_0: 03 C8 0F 31 2B C1 89 45 FC • 0x9b52:$sequence_0: 03 C8 0F 31 2B C1 89 45 FC • 0x15675:$sequence_1: 3C 24 0F 84 76 FF FF FF 3C 25 74 94 • 0x15161:$sequence_2: 3B 4F 14 73 95 85 C9 74 91 • 0x15777:$sequence_3: 3C 69 75 44 8B 7D 18 8B 0F • 0x158ef:$sequence_4: 5D C3 8D 50 7C 80 FA 07 • 0xa56a:$sequence_5: 0F BE 5C 0E 01 0F B6 54 0E 02 83 E3 0F C1 EA 06 • 0x143dc:$sequence_6: 57 89 45 FC 89 45 F4 89 45 F8 • 0xb263:$sequence_7: 66 89 0C 02 5B 8B E5 5D • 0x1b317:$sequence_8: 3C 54 74 04 3C 74 75 F4 • 0x1c31a:$sequence_9: 56 68 03 01 00 00 8D 85 95 FE FF FF 6A 00

Click to see the 25 entries

Unpacked PEs

Source	Rule	Description	Author	Strings
5.2.pug6mtV48A.exe.400000.0.raw.unpack	JoeSecurity_FormBook	Yara detected FormBook	Joe Security	
5.2.pug6mtV48A.exe.400000.0.raw.unpack	Formbook_1	autogenerated rule brought to you by yara-signator	Felix Bilstein - yara-signator at cocacoding dot com	• 0x98e8:$sequence_0: 03 C8 0F 31 2B C1 89 45 FC • 0x9b52:$sequence_0: 03 C8 0F 31 2B C1 89 45 FC • 0x15675:$sequence_1: 3C 24 0F 84 76 FF FF FF 3C 25 74 94 • 0x15161:$sequence_2: 3B 4F 14 73 95 85 C9 74 91 • 0x15777:$sequence_3: 3C 69 75 44 8B 7D 18 8B 0F • 0x158ef:$sequence_4: 5D C3 8D 50 7C 80 FA 07 • 0xa56a:$sequence_5: 0F BE 5C 0E 01 0F B6 54 0E 02 83 E3 0F C1 EA 06 • 0x143dc:$sequence_6: 57 89 45 FC 89 45 F4 89 45 F8 • 0xb263:$sequence_7: 66 89 0C 02 5B 8B E5 5D • 0x1b317:$sequence_8: 3C 54 74 04 3C 74 75 F4 • 0x1c31a:$sequence_9: 56 68 03 01 00 00 8D 85 95 FE FF FF 6A 00
5.2.pug6mtV48A.exe.400000.0.raw.unpack	Formbook	detect Formbook in memory	JPCERT/CC Incident Response Group	• 0x183f9:$sqlite3step: 68 34 1C 7B E1 • 0x1850c:$sqlite3step: 68 34 1C 7B E1 • 0x18428:$sqlite3text: 68 38 2A 90 C5 • 0x1854d:$sqlite3text: 68 38 2A 90 C5 • 0x1843b:$sqlite3blob: 68 53 D8 7F 8C • 0x18563:$sqlite3blob: 68 53 D8 7F 8C
5.2.pug6mtV48A.exe.400000.0.unpack	JoeSecurity_FormBook	Yara detected FormBook	Joe Security	
5.2.pug6mtV48A.exe.400000.0.unpack	Formbook_1	autogenerated rule brought to you by yara-signator	Felix Bilstein - yara-signator at cocacoding dot com	• 0x8ae8:$sequence_0: 03 C8 0F 31 2B C1 89 45 FC • 0x8d52:$sequence_0: 03 C8 0F 31 2B C1 89 45 FC • 0x14875:$sequence_1: 3C 24 0F 84 76 FF FF FF 3C 25 74 94 • 0x14361:$sequence_2: 3B 4F 14 73 95 85 C9 74 91 • 0x14977:$sequence_3: 3C 69 75 44 8B 7D 18 8B 0F • 0x14aef:$sequence_4: 5D C3 8D 50 7C 80 FA 07 • 0x976a:$sequence_5: 0F BE 5C 0E 01 0F B6 54 0E 02 83 E3 0F C1 EA 06 • 0x135dc:$sequence_6: 57 89 45 FC 89 45 F4 89 45 F8 • 0xa463:$sequence_7: 66 89 0C 02 5B 8B E5 5D • 0x1a517:$sequence_8: 3C 54 74 04 3C 74 75 F4 • 0x1b51a:$sequence_9: 56 68 03 01 00 00 8D 85 95 FE FF FF 6A 00

Click to see the 2 entries

Sigma Overview

No Sigma rule has matched

Jbx Signature Overview

Click to jump to signature section

AV Detection:

Found malware configuration

Multi AV Scanner detection for submitted file

Yara detected FormBook

Multi AV Scanner detection for domain / URL

Networking:

System process connects to network (likely due to code injection or exploit)

C2 URLs / IPs found in malware configuration

E-Banking Fraud:

Yara detected FormBook

System Summary:

Malicious sample detected (through community Yara rule)

Data Obfuscation:

.NET source code contains potential unpacker

Hooking and other Techniques for Hiding and Protection:

Modifies the prolog of user mode functions (user mode inline hooks)

Self deletion via cmd delete

Malware Analysis System Evasion:

Yara detected AntiVM3

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

Tries to detect virtualization through RDTSC time measurements

HIPS / PFW / Operating System Protection Evasion:

System process connects to network (likely due to code injection or exploit)

Sample uses process hollowing technique

Maps a DLL or memory area into another process

Injects a PE file into a foreign processes

Queues an APC in another process (thread injection)

Modifies the context of a thread in another process (thread injection)

Lowering of HIPS / PFW / Operating System Security Settings:

Uses netsh to modify the Windows network and firewall settings

Stealing of Sensitive Information:

Yara detected FormBook

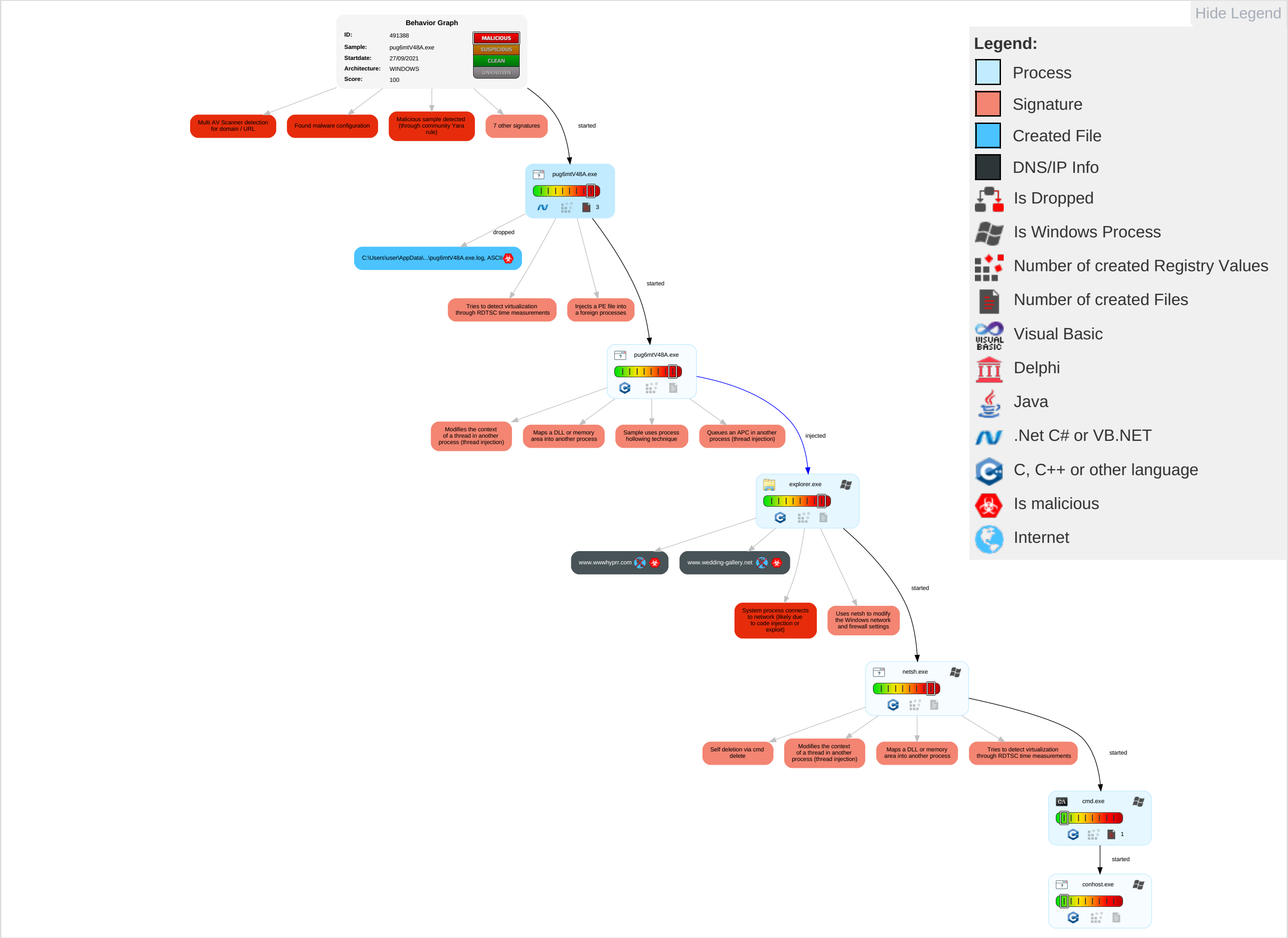
Remote Access Functionality:

Yara detected FormBook

Mitre Att&ck Matrix

Initial Access	Execution	Persistence	Privilege Escalation	Defense Evasion	Credential Access	Discovery	Lateral Movement	Collection	Exfiltration	Command and Control	Network Effects
Valid Accounts	Shared Modules 1	Path Interception	Process Injection 6 1 2	Rootkit 1	Credential API Hooking 1	Security Software Discovery 2 2 1	Remote Services	Credential API Hooking 1	Exfiltration Over Other Network Medium	Encrypted Channel 1	Eavesdrop c Insecure Network Communicat
Default Accounts	Scheduled Task/Job	Boot or Logon Initialization Scripts	Boot or Logon Initialization Scripts	Masquerading 1	LSASS Memory	Process Discovery 2	Remote Desktop Protocol	Archive Collected Data 1	Exfiltration Over Bluetooth	Non-Application Layer Protocol 1	Exploit SS7 Redirect Phc Calls/SMS
Domain Accounts	At (Linux)	Logon Script (Windows)	Logon Script (Windows)	Disable or Modify Tools 1 1	Security Account Manager	Virtualization/Sandbox Evasion 3 1	SMB/Windows Admin Shares	Data from Network Shared Drive	Automated Exfiltration	Application Layer Protocol 1 1	Exploit SS7 Track Device Location
Local Accounts	At (Windows)	Logon Script (Mac)	Logon Script (Mac)	Virtualization/Sandbox Evasion 3 1	NTDS	Remote System Discovery 1	Distributed Component Object Model	Input Capture	Scheduled Transfer	Protocol Impersonation	SIM Card Swap
Cloud Accounts	Cron	Network Logon Script	Network Logon Script	Process Injection 6 1 2	LSA Secrets	System Information Discovery 1 1 2	SSH	Keylogging	Data Transfer Size Limits	Fallback Channels	Manipulate Device Communicat
Replication Through Removable Media	Launchd	Rc.common	Rc.common	Obfuscated Files or Information 3	Cached Domain Credentials	System Owner/User Discovery	VNC	GUI Input Capture	Exfiltration Over C2 Channel	Multiband Communication	Jamming or Denial of Service
External Remote Services	Scheduled Task	Startup Items	Startup Items	Software Packing 1 3	DCSync	Network Sniffing	Windows Remote Management	Web Portal Capture	Exfiltration Over Alternative Protocol	Commonly Used Port	Rogue Wi-Fi Access Poin
Drive-by Compromise	Command and Scripting Interpreter	Scheduled Task/Job	Scheduled Task/Job	File Deletion 1	Proc Filesystem	Network Service Scanning	Shared Webroot	Credential API Hooking	Exfiltration Over Symmetric Encrypted Non-C2 Protocol	Application Layer Protocol	Downgrade Insecure Protocols

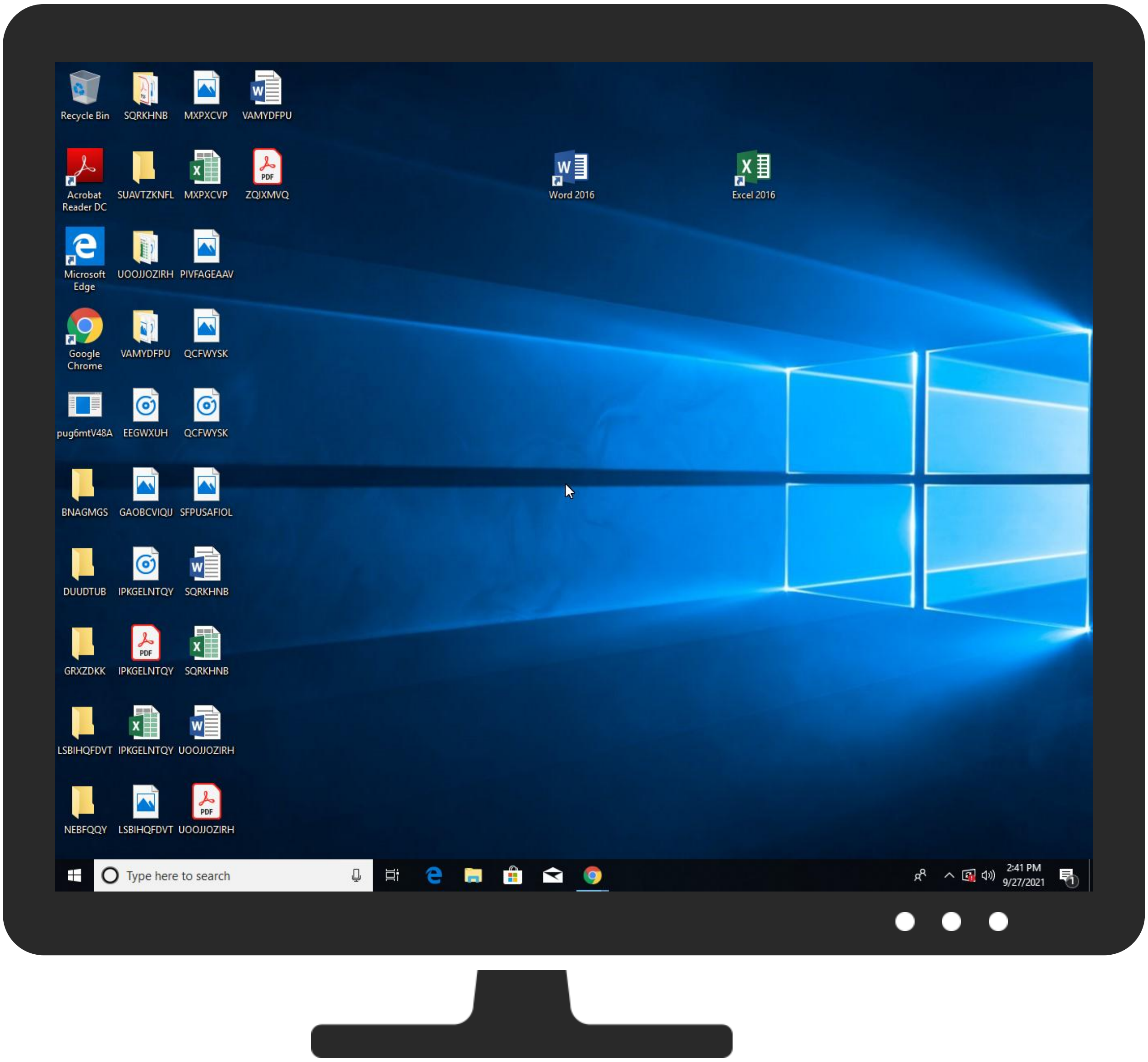
Behavior Graph


Hide Legend
Behavior Graph
ID: 491388
Sample: pug6mtV48A.exe
Startdate: 27/09/2021
Architecture: WINDOWS
Score: 100
MALICIOUS
SUSPICIOUS
CLEAN
UNKNOWN
Multi AV Scanner detection for domain / URL
Found malware configuration
Malicious sample detected (through community Yara rule)
7 other signatures
started
pug6mtV48A.exe
3
dropped
C:\Users\user\AppData\...\pug6mtV48A.exe.log, ASCII
Tries to detect virtualization through RDTSC time measurements
Injects a PE file into a foreign processes
started
pug6mtV48A.exe
Modifies the context of a thread in another process (thread injection)
Maps a DLL or memory area into another process
Sample uses process hollowing technique
Queues an APC in another process (thread injection)
injected
explorer.exe
www.wwwhyprr.com
www.wedding-gallery.net
System process connects to network (likely due to code injection or exploit)
Uses netsh to modify the Windows network and firewall settings
started
netsh.exe
Self deletion via cmd delete
Modifies the context of a thread in another process (thread injection)
Maps a DLL or memory area into another process
Tries to detect virtualization through RDTSC time measurements
started
cmd.exe
C:\
1
started
conhost.exe
Legend:
Process
Signature
Created File
DNS/IP Info
Is Dropped
Is Windows Process
Number of created Registry Values
Number of created Files
Visual Basic
Delphi
Java
.Net C# or VB.NET
C, C++ or other language
Is malicious
Internet

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
pug6mtV48A.exe	25%	Virustotal		Browse
pug6mtV48A.exe	9%	ReversingLabs		

Dropped Files

No Antivirus matches

Unpacked PE Files

Source	Detection	Scanner	Label	Link	Download
5.2.pug6mtV48A.exe.400000.0.unpack	100%	Avira	TR/Crypt.ZPACK.Gen		Download File

Domains

Source	Detection	Scanner	Label	Link
www.wedding-gallery.net	0%	Virustotal		Browse

URLs

Source	Detection	Scanner	Label	Link
http://www.founder.com.cn/cn/bThe	0%	URL Reputation	safe	

Source	Detection	Scanner	Label	Link
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	
www.odysseysailingsantorini.com/cmsr/	7%	Virustotal		Browse
www.odysseysailingsantorini.com/cmsr/	0%	Avira URL Cloud	safe	
http://www.jiyu-kobo.co.jp/	0%	URL Reputation	safe	
http://www.galapagosdesign.com/DPlease	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
www.wwwhyprr.com	unknown	unknown	true		unknown
www.wedding-gallery.net	unknown	unknown	true	• 0%, Virustotal, Browse	unknown

Contacted URLs

Name	Malicious	Antivirus Detection	Reputation
www.odysseysailingsantorini.com/cmsr/	true	• 7%, Virustotal, Browse • Avira URL Cloud: safe	low

URLs from Memory and Binaries

Contacted IPs

No contacted IP infos

General Information

Joe Sandbox Version:	33.0.0 White Diamond
Analysis ID:	491388
Start date:	27.09.2021
Start time:	14:38:55
Joe Sandbox Product:	CloudBasic
Overall analysis duration:	0h 12m 14s
Hypervisor based Inspection enabled:	false
Report type:	light
Sample file name:	pug6mtV48A.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:	24
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.evad.winEXE@7/1@2/0
EGA Information:	Failed
HDC Information:	• Successful, ratio: 27.4% (good quality ratio 24.4%) • Quality average: 72.6% • Quality standard deviation: 32.6%
HCA Information:	• Successful, ratio: 100% • 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
14:40:12	API Interceptor	2x Sleep call for process: pug6mtV48A.exe modified

Joe Sandbox View / Context

IPs

No context

Domains

No context

ASN

No context

JA3 Fingerprints

No context

Dropped Files

No context

Created / dropped Files

C:\Users\user\AppData\Local\Microsoft\CLR_v4.0_32\UsageLogs\pug6mtV48A.exe.log ☣

Process:	C:\Users\user\Desktop\pug6mtV48A.exe
File Type:	ASCII text, with CRLF line terminators
Category:	dropped
Size (bytes):	1216
Entropy (8bit):	5.355304211458859
Encrypted:	false

C:\Users\user\AppData\Local\Microsoft\CLR_v4.0_32\UsageLogs\pug6mtV48A.exe.log	
SSDEEP:	24:MLUE4K5E4Ks2E1qE4qXKDE4KhK3VZ9pKhPKIE4oKFKHKoZAE4Kzr7FE4x84j:MIHK5HKXE1qHiYHKhQnoPtHoxHhAHKzr
MD5:	FED34146BF2F2FA59DCF8702FCC8232E
SHA1:	B03BFEA175989D989850CF06FE5E7BBF56EAA00A
SHA-256:	123BE4E3590609A008E85501243AF5BC53FA0C26C82A92881B8879524F8C0D5C
SHA-512:	1CC89F2ED1DBD70628FA1DC41A32BA0BFA3E81EAE1A1CF3C5F6A48F2DA0BF1F21A5001B8A18B04043C5B8FE4FBE663068D86AA8C4BD8E17933F75687C3178F F6
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\f1d8480152e0da9a60ad49c6d16a3b6d\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\b219d4630d26b88041b59c21

Static File Info

General

File type:	PE32 executable (GUI) Intel 80386 Mono/.Net assembly, for MS Windows
Entropy (8bit):	7.6039035513802595
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:	pug6mtV48A.exe
File size:	689152
MD5:	74da6faf84783587dd82552dfa63eb00
SHA1:	276512acad7ec63916653862778438c169a3b890
SHA256:	584b5b4a74cb945f3be3ff0a4017d8ce2b073d6a98bfceb7bc59cb0f3fe7c3ee
SHA512:	cdb99cd07b694c661b80c6ba53a00220784da5c7a14bc9 6e4bcf731886191556eed6082d8b45dcb9a7fb8a524b904 012feb636148f6d23c58ba74973363ddf81
SSDEEP:	12288:41OlclRTqv/Q7z1jrRMd5mBJtxouynk/V5eb7e6OdDr:cP7bZSHmnT+k/Xemd
File Content Preview:	MZ......................@...!..L.!This program cannot be run in DOS mode....$.......PE..L...]5Qa.............0..x............... ....@.. ....@................................

File Icon

Icon Hash:	00828e8e8686b000

Static PE Info

General

Entrypoint:	0x4a9786
Entrypoint Section:	.text
Digitally signed:	false
Imagebase:	0x400000
Subsystem:	windows gui
Image File Characteristics:	32BIT_MACHINE, EXECUTABLE_IMAGE
DLL Characteristics:	NO_SEH, TERMINAL_SERVER_AWARE, DYNAMIC_BASE, NX_COMPAT
Time Stamp:	0x6151355D [Mon Sep 27 03:07:09 2021 UTC]
TLS Callbacks:	
CLR (.Net) Version:	v4.0.30319
OS Version Major:	4

General

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	0xa779c	0xa7800	False	0.753477728545	data	7.61528648699	IMAGE_SCN_MEM_EXECUTE, IMAGE_SCN_CNT_CODE, IMAGE_SCN_MEM_READ
.rsrc	0xaa000	0x660	0x800	False	0.341796875	data	3.56505562485	IMAGE_SCN_CNT_INITIALIZED_DATA, IMAGE_SCN_MEM_READ
.reloc	0xac000	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

UDP Packets

DNS Queries

Timestamp	Source IP	Dest IP	Trans ID	OP Code	Name	Type	Class
Sep 27, 2021 14:41:39.849313021 CEST	192.168.2.6	8.8.8.8	0x2b55	Standard query (0)	www.wedding-gallery.net	A (IP address)	IN (0x0001)
Sep 27, 2021 14:42:00.493051052 CEST	192.168.2.6	8.8.8.8	0xf059	Standard query (0)	www.wwwhyprr.com	A (IP address)	IN (0x0001)

DNS Answers

Timestamp	Source IP	Dest IP	Trans ID	Reply Code	Name	CName	Address	Type	Class
Sep 27, 2021 14:41:39.863987923 CEST	8.8.8.8	192.168.2.6	0x2b55	Name error (3)	www.wedding-gallery.net	none	none	A (IP address)	IN (0x0001)
Sep 27, 2021 14:42:00.530603886 CEST	8.8.8.8	192.168.2.6	0xf059	Name error (3)	www.wwwhyprr.com	none	none	A (IP address)	IN (0x0001)

Code Manipulations

User Modules

Hook Summary

Function Name	Hook Type	Active in Processes
PeekMessageA	INLINE	explorer.exe
PeekMessageW	INLINE	explorer.exe
GetMessageW	INLINE	explorer.exe
GetMessageA	INLINE	explorer.exe

Processes

Statistics

Behavior

💡 Click to jump to process

System Behavior

Analysis Process: pug6mtV48A.exe PID: 6664 Parent PID: 1256

General

Start time:	14:39:57
Start date:	27/09/2021
Path:	C:\Users\user\Desktop\pug6mtV48A.exe
Wow64 process (32bit):	true
Commandline:	'C:\Users\user\Desktop\pug6mtV48A.exe'
Imagebase:	0x390000
File size:	689152 bytes
MD5 hash:	74DA6FAF84783587DD82552DFA63EB00
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: 00000001.00000002.394111409.0000000002791000.00000004.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_AntiVM_3, Description: Yara detected AntiVM_3, Source: 00000001.00000002.394206876.0000000002805000.00000004.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_FormBook, Description: Yara detected FormBook, Source: 00000001.00000002.394935099.0000000003799000.00000004.00000001.sdmp, Author: Joe Security • Rule: Formbook_1, Description: autogenerated rule brought to you by yara-signator, Source: 00000001.00000002.394935099.0000000003799000.00000004.00000001.sdmp, Author: Felix Bilstein - yara-signator at cocacoding dot com • Rule: Formbook, Description: detect Formbook in memory, Source: 00000001.00000002.394935099.0000000003799000.00000004.00000001.sdmp, Author: JPCERT/CC Incident Response Group
Reputation:	low

File Activities

Show Windows behavior

File Created

File Written

File Read

Analysis Process: pug6mtV48A.exe PID: 6980 Parent PID: 6664

General

Start time:	14:40:15
Start date:	27/09/2021
Path:	C:\Users\user\Desktop\pug6mtV48A.exe
Wow64 process (32bit):	true
Commandline:	C:\Users\user\Desktop\pug6mtV48A.exe
Imagebase:	0x940000
File size:	689152 bytes
MD5 hash:	74DA6FAF84783587DD82552DFA63EB00
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	C, C++ or other language
Yara matches:	• Rule: JoeSecurity_FormBook, Description: Yara detected FormBook, Source: 00000005.00000002.493424502.0000000001060000.00000040.00020000.sdmp, Author: Joe Security • Rule: Formbook_1, Description: autogenerated rule brought to you by yara-signator, Source: 00000005.00000002.493424502.0000000001060000.00000040.00020000.sdmp, Author: Felix Bilstein - yara-signator at cocacoding dot com • Rule: Formbook, Description: detect Formbook in memory, Source: 00000005.00000002.493424502.0000000001060000.00000040.00020000.sdmp, Author: JPCERT/CC Incident Response Group • Rule: JoeSecurity_FormBook, Description: Yara detected FormBook, Source: 00000005.00000002.492622072.0000000000400000.00000040.00000001.sdmp, Author: Joe Security • Rule: Formbook_1, Description: autogenerated rule brought to you by yara-signator, Source: 00000005.00000002.492622072.0000000000400000.00000040.00000001.sdmp, Author: Felix Bilstein - yara-signator at cocacoding dot com • Rule: Formbook, Description: detect Formbook in memory, Source: 00000005.00000002.492622072.0000000000400000.00000040.00000001.sdmp, Author: JPCERT/CC Incident Response Group • Rule: JoeSecurity_FormBook, Description: Yara detected FormBook, Source: 00000005.00000002.493490719.0000000001090000.00000040.00020000.sdmp, Author: Joe Security • Rule: Formbook_1, Description: autogenerated rule brought to you by yara-signator, Source: 00000005.00000002.493490719.0000000001090000.00000040.00020000.sdmp, Author: Felix Bilstein - yara-signator at cocacoding dot com • Rule: Formbook, Description: detect Formbook in memory, Source: 00000005.00000002.493490719.0000000001090000.00000040.00020000.sdmp, Author: JPCERT/CC Incident Response Group
Reputation:	low

File Activities

Show Windows behavior

File Read

Analysis Process: explorer.exe PID: 3440 Parent PID: 6980

General

Start time:	14:40:16
Start date:	27/09/2021
Path:	C:\Windows\explorer.exe
Wow64 process (32bit):	false
Commandline:	C:\Windows\Explorer.EXE
Imagebase:	0x7ff6f22f0000
File size:	3933184 bytes
MD5 hash:	AD5296B280E8F522A8A897C96BAB0E1D
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	C, C++ or other language

Yara matches:	• Rule: JoeSecurity_FormBook, Description: Yara detected FormBook, Source: 00000006.00000000.424163979.000000000762F000.00000040.00020000.sdmp, Author: Joe Security • Rule: Formbook_1, Description: autogenerated rule brought to you by yara-signator, Source: 00000006.00000000.424163979.000000000762F000.00000040.00020000.sdmp, Author: Felix Bilstein - yara-signator at cocacoding dot com • Rule: Formbook, Description: detect Formbook in memory, Source: 00000006.00000000.424163979.000000000762F000.00000040.00020000.sdmp, Author: JPCERT/CC Incident Response Group • Rule: JoeSecurity_FormBook, Description: Yara detected FormBook, Source: 00000006.00000000.452200423.000000000762F000.00000040.00020000.sdmp, Author: Joe Security • Rule: Formbook_1, Description: autogenerated rule brought to you by yara-signator, Source: 00000006.00000000.452200423.000000000762F000.00000040.00020000.sdmp, Author: Felix Bilstein - yara-signator at cocacoding dot com • Rule: Formbook, Description: detect Formbook in memory, Source: 00000006.00000000.452200423.000000000762F000.00000040.00020000.sdmp, Author: JPCERT/CC Incident Response Group
Reputation:	high

File Activities

Show Windows behavior

Analysis Process: netsh.exe PID: 6864 Parent PID: 3440

General

Start time:	14:40:59
Start date:	27/09/2021
Path:	C:\Windows\SysWOW64\netsh.exe
Wow64 process (32bit):	true
Commandline:	C:\Windows\SysWOW64\netsh.exe
Imagebase:	0x9e0000
File size:	82944 bytes
MD5 hash:	A0AA3322BB46BBFC36AB9DC1DBBBB807
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	C, C++ or other language
Yara matches:	• Rule: JoeSecurity_FormBook, Description: Yara detected FormBook, Source: 00000010.00000002.619310420.0000000002D70000.00000040.00020000.sdmp, Author: Joe Security • Rule: Formbook_1, Description: autogenerated rule brought to you by yara-signator, Source: 00000010.00000002.619310420.0000000002D70000.00000040.00020000.sdmp, Author: Felix Bilstein - yara-signator at cocacoding dot com • Rule: Formbook, Description: detect Formbook in memory, Source: 00000010.00000002.619310420.0000000002D70000.00000040.00020000.sdmp, Author: JPCERT/CC Incident Response Group • Rule: JoeSecurity_FormBook, Description: Yara detected FormBook, Source: 00000010.00000002.618457588.0000000000A70000.00000004.00000001.sdmp, Author: Joe Security • Rule: Formbook_1, Description: autogenerated rule brought to you by yara-signator, Source: 00000010.00000002.618457588.0000000000A70000.00000004.00000001.sdmp, Author: Felix Bilstein - yara-signator at cocacoding dot com • Rule: Formbook, Description: detect Formbook in memory, Source: 00000010.00000002.618457588.0000000000A70000.00000004.00000001.sdmp, Author: JPCERT/CC Incident Response Group • Rule: JoeSecurity_FormBook, Description: Yara detected FormBook, Source: 00000010.00000002.619152070.0000000002CB0000.00000040.00020000.sdmp, Author: Joe Security • Rule: Formbook_1, Description: autogenerated rule brought to you by yara-signator, Source: 00000010.00000002.619152070.0000000002CB0000.00000040.00020000.sdmp, Author: Felix Bilstein - yara-signator at cocacoding dot com • Rule: Formbook, Description: detect Formbook in memory, Source: 00000010.00000002.619152070.0000000002CB0000.00000040.00020000.sdmp, Author: JPCERT/CC Incident Response Group
Reputation:	high

File Activities

Show Windows behavior

File Read

Analysis Process: cmd.exe PID: 3012 Parent PID: 6864

General

Start time:	14:41:03
Start date:	27/09/2021
Path:	C:\Windows\SysWOW64\cmd.exe
Wow64 process (32bit):	true
Commandline:	/c del 'C:\Users\user\Desktop\pug6mtV48A.exe'
Imagebase:	0x2a0000
File size:	232960 bytes
MD5 hash:	F3BDBE3BB6F734E357235F4D5898582D
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	C, C++ or other language
Reputation:	high

File Activities

Show Windows behavior

File Deleted

Analysis Process: conhost.exe PID: 6968 Parent PID: 3012

General

Start time:	14:41:04
Start date:	27/09/2021
Path:	C:\Windows\System32\conhost.exe
Wow64 process (32bit):	false
Commandline:	C:\Windows\system32\conhost.exe 0xffffffff -ForceV1
Imagebase:	0x7ff61de10000
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

Joe Sandbox Cloud Basic 33.0.0 White Diamond