

Analysis Report: urlhaus_89e1d9efd0f1.exe

Verdict: **SUSPICIOUS**

Verdict: suspicious; 40 anti-VM checks (mixed)

Analysis Overview

Score: 3/10

Threat level: Suspicious

Malicious Activity Summary

- T1497.001
- T1105
- Process Injection
- Process Injection: Dynamic-link Library Injection
- Input Capture: Keylogging
- Process Discovery
- Indicator Removal: File Deletion
- System Information Discovery
- Shared Modules
- Access Token Manipulation
- Hijack Execution Flow: DLL Side-Loading
- Debugger Evasion
- Boot or Logon Autostart Execution: Registry Run Keys

Hashes

SHA-256: 89e1d9efd0f1fff32f4a31dc06499e39219606b1984b7428267cd64faf36b8e5

SHA-1: d95d5e7e28330af199412b424a8bb0be54d3c12e

MD5: e8fe02e4043bd822ef385a96ce640ab4

Size: 570,096 bytes

Packer Detection

No packer detected.

PE Information

Architecture: 64-bit

Type: Executable

Entry Point: 0x7350

Sections: 7

Name	Virtual Size	Entropy
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.text	0x1F9D7	6.6
.rdata	0xDB74	5.26
.data	0x1AE78	1.94
.pdata	0x1698	5.14
.fptable	0x100	0.0
.rsrc	0x57B18	7.47
.reloc	0x688	4.93

Imports

KERNEL32.dll

- TerminateProcess
- CreateThread
- GetCurrentThreadId
- OpenThread
- FlushInstructionCache
- GetTickCount
- VirtualAlloc
- VirtualProtect
- VirtualFree
- GetModuleHandleA

USER32.dll

- TranslateMessage
- MessageBoxW
- GetSystemMetrics
- GetCursorPos
- PeekMessageW
- DispatchMessageW
- wsprintfA
- MsgWaitForMultipleObjectsEx
- wsprintfW
- GetAsyncKeyState

ADVAPI32.dll

- RegCloseKey
- GetTokenInformation
- OpenProcessToken
- RegQueryInfoKeyW
- RegOpenKeyExW
- GetUserNameW

COMCTL32.dll

- InitCommonControlsEx

SHLWAPI.dll

- PathFileExistsW
- StrCmpIW

UxTheme.dll

- IsAppThemed
- IsThemeActive

USERENV.dll

- GetUserProfileDirectoryW

ole32.dll

- CoInitializeEx

CoUninitialize

VERSION.dll

GetFileVersionInfoSizeW

Strings (200 found)

!Win32 subsystem is required to run \$
2]08
`E\$Q
{LpY_*
NRich
.text
`.rdata
@.data
.pdata
@.fptable
.rsrc
@.reloc
L\$ L
SVWATAUAVAWH
D\$8ole3
D\$<2.dlf
D\$@l
T\$xH
D\$HH
\\$ L
\\$LE2
D\$XH
D\$lH
D\$23
u_L
L\$LD
D\$13
d\$0H
D\$XH
L\$lH
D\$13
A_A^A]A_^[
\\$0H
t\$8H
S:*q55
I*Ai
55555:*q55H
|\$ f
|\$ fA
:*u5
D\$8H
D\$(H
\\$ A
"r?L
\\$`H
t\$hH
|\$pH
:*5@SH

55555S
: *5@SH
... and 150 more

MITRE ATT&CK (13)

Technique	Name	Tactic	Source
T1497.001			detonation-evidence
T1105			detonation-evidence
T1055	Process Injection	Defense Evasion	
T1055.001	Process Injection: Dynamic-link	Defense Evasion	
T1056.001	Input Capture: Keylogging	Credential Access	
T1057	Process Discovery	Discovery	
T1070.004	Indicator Removal: File Deletion	Defense Evasion	
T1082	System Information Discovery	Discovery	
T1129	Shared Modules	Execution	
T1134	Access Token Manipulation	Privilege Escalation	
T1574.002	Hijack Execution Flow: DLL Side-	Privilege Escalation	
T1622	Debugger Evasion	Defense Evasion	
T1547.001	Boot or Logon Autostart Executio	Persistence	behavioral_inference

Per-Process ATT&CK Attribution (4)

Which process attributed which technique, from the Intel-PT per-CR3 demux (each syscall resolved under its own process address space).

				Process
0x15abfe000		202	T1057	
0x149164000		1328	T1055, T1083	
0x145bab000		52	T1057, T1083	
0x14b4e2000		80	T1057	

Dynamic Detonation

Coverage: ran
Behavior: suspicious
Threat score: 30/100 (medium)
Factors: dropped_exe, attack_techniques

Network Connections (6)

Destination	Domain	Proto
10.0.2.3:53		udp
10.0.2.3:80		tcp
224.0.0.251:5353		udp
224.0.0.252:5355		udp
255.255.255.255:67		udp
10.0.2.255:137		udp

Behavioral Timeline (60)

- 1. [conn] pid 0: udp 255.255.255.255:67
- 2. [conn] pid 0: udp 224.0.0.251:5353

3. [conn] pid 0: udp 224.0.0.252:5355
4. [conn] pid 0: udp 224.0.0.252:5355
5. [conn] pid 0: udp 224.0.0.252:5355
6. [conn] pid 0: udp 10.0.2.255:137
7. [conn] pid 0: udp 10.0.2.3:53
8. [dns] pid 0: DNS 1 www.msftconnecttest.com -> 10.0.2.3
9. [conn] pid 0: tcp 10.0.2.3:80
10. [http] pid 0: GET http://www.msftconnecttest.com/connecttest.txt
11. [conn] pid 0: tcp 10.0.2.3:80
12. [http] pid 0: GET http://www.msftconnecttest.com/connecttest.txt
13. [conn] pid 0: tcp 10.0.2.3:80
14. [http] pid 0: GET http://www.msftconnecttest.com/connecttest.txt
15. [conn] pid 0: tcp 10.0.2.3:80
16. [http] pid 0: GET http://www.msftconnecttest.com/connecttest.txt
17. [conn] pid 0: tcp 10.0.2.3:80
18. [http] pid 0: GET http://www.msftconnecttest.com/connecttest.txt
19. [conn] pid 0: tcp 10.0.2.3:80
20. [http] pid 0: GET http://www.msftconnecttest.com/connecttest.txt
21. [conn] pid 0: udp 10.0.2.3:53
22. [dns] pid 0: DNS 1 www.msftconnecttest.com -> 10.0.2.3
23. [conn] pid 0: tcp 10.0.2.3:80
24. [http] pid 0: GET http://www.msftconnecttest.com/connecttest.txt
25. [conn] pid 0: tcp 10.0.2.3:80
...and 35 more events

Packet capture: available (full PCAP)

Persistence (1)

[Startup folder] malray.bat -> /ProgramData/Microsoft/Windows/Start Menu/Programs/Startup/malray.bat

Report ID: 03bbZJWISbEG3wcPgNT6qL_1-Si6Gn4FR3pCO_J9_kQ

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