

Analysis Report: urlhaus_aeee9e8262ae.exe

Verdict: **SUSPICIOUS**

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

Analysis Overview

Score: 4/10

Threat level: Suspicious

Malicious Activity Summary

- T1497.001
- T1105
- Process Injection: Dynamic-link Library Injection
- System Information Discovery
- Native API
- Shared Modules
- Access Token Manipulation
- Hijack Execution Flow: DLL Side-Loading
- Debugger Evasion
- Process Injection
- File and Directory Discovery
- Boot or Logon Autostart Execution: Registry Run Keys

Hashes

SHA-256: aeee9e8262aea170816e1af225dbab94ff607cd32e78ab76d41b8ec2c5a6e6d6

SHA-1: d70250eaf001392087652da5419220049921ca8f

MD5: 93dfe7280fc32b16336d6c981421049a

Size: 243,239 bytes

Packer Detection

No packer detected.

PE Information

Architecture: 64-bit

Type: Executable

Entry Point: 0x12288

Sections: 8

Name	Virtual Size	Entropy
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.text	0x20277	6.44
.rdata	0xE354	5.21
.data	0x1CC0	2.12
.pdata	0x19E0	5.31
.fptable	0x100	0.0
__RDATA	0x1F4	4.22
.rsrc	0x4917	4.65
.reloc	0x6B8	5.05

Imports

KERNEL32.dll

- AddVectoredExceptionHandler
- CloseHandle
- CopyFileW
- CreateDirectoryW
- CreateFileW
- CreateMutexW
- CreateProcessW
- DeleteCriticalSection
- EncodePointer
- EnterCriticalSection

ADVAPI32.dll

- GetTokenInformation
- OpenProcessToken

Strings (200 found)

!This program cannot be run in DOS mode.\$

.text

`.rdata

@.data

.pdata

@.fptable

__RDATA

@.rsrc

@.reloc

VWSH

L\$8A

D\$7H

T\$xH

L\$11

T\$HH

D\$8H

L\$HH

D\$8H

D\$pH

L\$XH

L\$XH

L\$XH

D\$8H

D\$8H

T\$HH
D\$8H
T\$HH
D\$ \
D\$8H
D\$P\
D\$8H
T\$HH
D\$
D\$PH
D\$pH
D\$@H
H;D\$
H;D\$
\${{0
AWAVAUATVWUSH
L\$pA
)D\$`H
L\$`A
D\$`H
L\$hH
T\$pH1
T\$0H3
D\$ H3L\$xH
L\$8H
T\$(E1
... and 150 more

MITRE ATT&CK (12)

Technique	Name	Tactic	Source
T1497.001			detonation-evidence
T1105			detonation-evidence
T1055.001	Process Injection: Dynamic-link	Defense Evasion	
T1082	System Information Discovery	Discovery	
T1106	Native API	Execution	
T1129	Shared Modules	Execution	
T1134	Access Token Manipulation	Privilege Escalation	
T1574.002	Hijack Execution Flow: DLL Side-	Privilege Escalation	
T1622	Debugger Evasion	Defense Evasion	
T1055	Process Injection		pt_trace
T1083	File and Directory Discovery		pt_trace
T1547.001	Boot or Logon Autostart Executio	Persistence	behavioral_inference

Per-Process ATT&CK Attribution (1)

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

				Proces
NVDisplay.Cont	1180	486	T1055, T1083	

Dynamic Detonation

Coverage: ran
Behavior: suspicious
Threat score: 35/100 (medium)
Factors: dropped_exe, attack_techniques

Network Connections (6)

Destination	Domain	Proto
224.0.0.252:5355		udp
10.0.2.3:80		tcp
10.0.2.3:53		udp
10.0.2.255:137		udp
255.255.255.255:67		udp
224.0.0.251:5353		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 10.0.2.255:137
6. [conn] pid 0: udp 10.0.2.3:53
7. [dns] pid 0: DNS 1 www.msftconnecttest.com -> 10.0.2.3
8. [conn] pid 0: tcp 10.0.2.3:80
9. [http] pid 0: GET http://www.msftconnecttest.com/connecttest.txt
10. [conn] pid 0: tcp 10.0.2.3:80
11. [http] pid 0: GET http://www.msftconnecttest.com/connecttest.txt
12. [conn] pid 0: tcp 10.0.2.3:80
13. [http] pid 0: GET http://www.msftconnecttest.com/connecttest.txt
14. [conn] pid 0: tcp 10.0.2.3:80
15. [http] pid 0: GET http://www.msftconnecttest.com/connecttest.txt
16. [conn] pid 0: tcp 10.0.2.3:80
17. [http] pid 0: GET http://www.msftconnecttest.com/connecttest.txt
18. [conn] pid 0: tcp 10.0.2.3:80
19. [http] pid 0: GET http://www.msftconnecttest.com/connecttest.txt
20. [conn] pid 0: udp 10.0.2.3:53
21. [dns] pid 0: DNS 1 www.msftconnecttest.com -> 10.0.2.3
22. [conn] pid 0: tcp 10.0.2.3:80
23. [http] pid 0: GET http://www.msftconnecttest.com/connecttest.txt
24. [conn] pid 0: tcp 10.0.2.3:80
25. [http] pid 0: GET http://www.msftconnecttest.com/connecttest.txt
...and 35 more events

Packet capture: available (full PCAP)

Persistence (1)

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

Spawned Processes (50)

System
Registry
svchost.exe - C:\Windows\system32\svchost.exe -k AzureAttestService -s AzureAttestService
svchost.exe - C:\Windows\system32\svchost.exe -k DcomLaunch -p
LogonUI.exe - "LogonUI.exe" /flags:0x2 /state0:0xa3b2c855 /state1:0x41c64e6d
fontdrvhost.ex - "fontdrvhost.exe"
smss.exe - \SystemRoot\System32\smss.exe

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svchost.exe - C:\Windows\system32\svchost.exe -k netsvcs -p -s DsmSvc
upfc.exe - C:\Windows\System32\Upfc.exe /launchtype boot /cv 7HnBpo4/tEKjJpkFxVZKQA.0
svchost.exe - C:\Windows\System32\svchost.exe -k LocalServiceNetworkRestricted -p -s lmhosts
svchost.exe - C:\Windows\system32\svchost.exe -k LocalServiceNetworkRestricted -p -s TimeBrokerSvc
dwm.exe - "dwm.exe"
svchost.exe - C:\Windows\System32\svchost.exe -k wsappx -p -s ClipSVC
svchost.exe - C:\Windows\system32\svchost.exe -k LocalSystemNetworkRestricted -s WPDBusEnum
svchost.exe - C:\Windows\system32\svchost.exe -k netsvcs -p -s SENS
svchost.exe - C:\Windows\System32\svchost.exe -k LocalServiceNetworkRestricted -p -s EventLog
svchost.exe - C:\Windows\system32\svchost.exe -k netsvcs -p -s Schedule
svchost.exe - C:\Windows\system32\svchost.exe -k netsvcs -p -s gpsvc
svchost.exe - C:\Windows\system32\svchost.exe -k netsvcs -p -s ProfSvc
svchost.exe - C:\Windows\system32\svchost.exe -k netsvcs -p -s UserManager
svchost.exe - C:\Windows\system32\svchost.exe -k LocalService -p -s nsi
svchost.exe - C:\Windows\system32\svchost.exe -k LocalServiceNoNetwork -p
svchost.exe - C:\Windows\system32\svchost.exe -k DcomLaunch -p -s DeviceInstall
svchost.exe - C:\Windows\System32\svchost.exe -k LocalServiceNetworkRestricted -p
svchost.exe - C:\Windows\system32\svchost.exe -k netsvcs -p -s wlidsvc
svchost.exe - C:\Windows\System32\svchost.exe -k LocalService -p -s netprofm
svchost.exe - C:\Windows\system32\svchost.exe -k LocalService -p -s EventSystem
svchost.exe - C:\Windows\system32\svchost.exe -k RPCSS -p
svchost.exe - C:\Windows\system32\svchost.exe -k LocalService -p -s DispBrokerDesktopSvc
svchost.exe - C:\Windows\System32\svchost.exe -k NetworkService -p -s NlaSvc
...and 20 more
```

Report ID: OyA3LKxLU21hddWcMTmofzxeKiDFhiPZBgGwSfLKWL8

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