

Analysis Report: urlhaus_773801182a8d.exe

Verdict: **SUSPICIOUS**

Verdict: suspicious; 214045 anti-VM checks (rdtsc)

Analysis Overview

Score: 4/10

Threat level: Suspicious

Malicious Activity Summary

- T1497.001
- T1071.001
- T1105
- T1571
- 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
- Boot or Logon Autostart Execution: Registry Run Keys

Hashes

SHA-256: 773801182a8db9d593c22e16d271ff7b99d9215ea6d9fe1cf898d8b5a6c73e25

SHA-1: d6aaae28df4144196e7d1570c27f04cb8782edb2

MD5: 96a2464410ec3037f3a823f513a43dad

Size: 225,831 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	0x569	3.89
.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

Malware Config

C2 / Network (1)

Endpoint	Source
217.195.153.81:50000	network

Indicators of Compromise (5)

IPv4 addresses (1)

217.195.153.81

Domains (4)

assets.msn.com
www.bing.com
config.edge.skype.com
edge-consumer-static.azureedge.net

MITRE ATT&CK (13)

Technique	Name	Tactic	Source
T1497.001			detonation-evidence
T1071.001			detonation-evidence
T1105			detonation-evidence
T1571			detonation-evidence
T1055.001	Process Injection: Dynamic-link	Defense Evasion	


```
assets.msn.com (tlsstate: deadline exceeded)
www.bing.com (tlsstate: deadline exceeded)
assets.msn.com (tlsstate: deadline exceeded)
assets.msn.com (tlsstate: deadline exceeded)
assets.msn.com (tlsstate: deadline exceeded)
assets.msn.com (tlsstate: deadline exceeded)
assets.msn.com (tlsstate: deadline exceeded)
assets.msn.com (tlsstate: deadline exceeded)
```

Behavioral Timeline (100)

1. [conn] pid 0: udp 224.0.0.251:5353
2. [conn] pid 0: udp 224.0.0.252:5355
3. [conn] pid 0: udp 255.255.255.255:67
4. [conn] pid 0: udp 224.0.0.251:5353
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. [conn] pid 0: tcp 10.0.2.3:80
11. [conn] pid 0: tcp 10.0.2.3:80
12. [conn] pid 0: udp 10.0.2.3:53
13. [dns] pid 0: DNS 1 assets.msn.com -> 10.0.2.3
14. [conn] pid 0: tcp 10.0.2.3:443
15. [conn] pid 0: tcp 10.0.2.3:443
16. [conn] pid 0: udp 10.0.2.3:53
17. [dns] pid 0: DNS 1 ctldl.windowsupdate.com -> 10.0.2.3
18. [conn] pid 0: tcp 10.0.2.3:80
19. [conn] pid 0: tcp 10.0.2.3:80
20. [conn] pid 0: tcp 10.0.2.3:80
21. [conn] pid 0: tcp 10.0.2.3:80
22. [conn] pid 0: tcp 10.0.2.3:80
23. [conn] pid 0: tcp 10.0.2.3:80
24. [conn] pid 0: tcp 10.0.2.3:80
25. [conn] pid 0: tcp 10.0.2.3:80

...and 75 more events

Packet capture: available (full PCAP)

Persistence (2)

[Startup folder] urlhaus_773801182a8d.exe.local.bat -> /ProgramData/Microsoft/Windows/Start Menu/Programs/Startup/urlhaus_773801182a8d.exe.local.bat

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

Spawned Processes (50)

System

svchost.exe - C:\Windows\system32\svchost.exe -k DcomLaunch -p -s LSM

Registry

smss.exe - \SystemRoot\System32\smss.exe

dllhost.exe - C:\Windows\system32\DllHost.exe /Processid:{AB8902B4-09CA-4BB6-B78D-A8F59079A8D5}

svchost.exe - C:\Windows\System32\svchost.exe -k LocalService -p -s LicenseManager

svchost.exe - C:\Windows\System32\svchost.exe -k LocalSystemNetworkRestricted -p -s NcbService

jsc.exe - "C:\Windows\Microsoft.NET\Framework\v4.0.30319\jsc.exe"

StartMenuExper - "C:\Windows\SystemApps\Microsoft.Windows.StartMenuExperienceHost_cw5n1h2txyewy\StartMenuExperienceHost.exe"

dllhost.exe - C:\Windows\system32\DllHost.exe /Processid:{133EAC4F-5891-4D04-BADA-D84870380A80}

SearchApp.exe - "C:\Windows\SystemApps\Microsoft.Windows.Search_cw5n1h2txyewy\SearchApp.exe" -ServerName:CortanaUI.A

svchost.exe - C:\Windows\system32\svchost.exe -k appmodel -p -s camsvc

RuntimeBroker. - C:\Windows\System32\RuntimeBroker.exe -Embedding

```
backgroundTask - "C:\Windows\system32\backgroundTaskHost.exe" -ServerName:WindowsBackup.AppXnn6fnh4raxtmg45ba8k2f4yh
msedge.exe - "C:\Program Files (x86)\Microsoft\Edge\Application\msedge.exe" --no-startup-window --win-session-start
svchost.exe - C:\Windows\system32\svchost.exe -k LocalSystemNetworkRestricted -p -s PcaSvc
msedge.exe - "C:\Program Files (x86)\Microsoft\Edge\Application\msedge.exe" --single-argument http://www.msftconnect
taskhostw.exe - taskhostw.exe SyncFromCloud
msedge.exe - "C:\Program Files (x86)\Microsoft\Edge\Application\msedge.exe" --type=utility --utility-sub-type=edge_s
msedge.exe - "C:\Program Files (x86)\Microsoft\Edge\Application\msedge.exe" --type=crashpad-handler "--user-data-dir
mobsync.exe - C:\Windows\System32\mobsync.exe -Embedding
urlhaus_773801 - "C:\Users\Matt.JOHNS-PC\urlhaus_773801182a8d.exe"
msedge.exe - "C:\Program Files (x86)\Microsoft\Edge\Application\msedge.exe" --type=utility --utility-sub-type=storage
msedge.exe - "C:\Program Files (x86)\Microsoft\Edge\Application\msedge.exe" --type=utility --utility-sub-type=network
msedge.exe - "C:\Program Files (x86)\Microsoft\Edge\Application\msedge.exe" --type=renderer --pdf-upsell-enabled --v
msedge.exe - "C:\Program Files (x86)\Microsoft\Edge\Application\msedge.exe" --type=utility --utility-sub-type=chrome
msedge.exe - "C:\Program Files (x86)\Microsoft\Edge\Application\msedge.exe" --type=gpu-process --gpu-preferences=SA
msedge.exe - "C:\Program Files (x86)\Microsoft\Edge\Application\msedge.exe" --type=renderer --pdf-upsell-enabled --v
conhost.exe - \??C:\Windows\system32\conhost.exe 0x4
netsh.exe - netsh advfirewall set allprofiles state off
...and 20 more
```

Report ID: u29wNb8mZ7d2VpmCjEqVAvjTFqYNFpNrN44S_I5t0FY

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