

Analysis Report: urlhaus_63eedb85b370.exe

Verdict: **LIKELY-MALICIOUS**

Verdict: likely-malicious; 70 anti-VM checks (mixed)

Analysis Overview

Score: 7/10

Threat level: Likely malicious

Malicious Activity Summary

- T1497.001
- T1071.001
- 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
- Scheduled Task/Job: Scheduled Task
- Boot or Logon Autostart Execution: Registry Run Keys

Hashes

SHA-256:	63eedb85b370d3d55a6023987dc1ca36c49074b364804b3187aa9db9eac2dd33
SHA-1:	89dba32d78049d5650f10eb53173461a4969b673
MD5:	f9c60eb51354ab07885428d7b868ade6
Size:	655,952 bytes

Packer Detection

No packer detected.

PE Information

Architecture:	64-bit
Type:	Executable
Entry Point:	0x76C0

Name	Virtual Size	Entropy
.text	0x1A1B1	6.55
.rdata	0xCF46	5.1
.data	0x1AEA8	1.94
.pdata	0x14A0	5.12
.fptable	0x100	0.0
.rsrc	0x73664	7.99
.reloc	0x664	4.89

Imports

KERNEL32.dll

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

USER32.dll

- DispatchMessageW
- GetSystemMetrics
- GetCursorPos
- wsprintfA
- MsgWaitForMultipleObjectsEx
- PeekMessageW
- TranslateMessage
- MessageBoxW
- 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)

Q>*ga
qP8}
J\Md
)/ai|
yhK4Rich
.text
` .rdata
@.data
.pdata
@.fptable
.rsrc
@.reloc
L\$ L
SVWATAUAVAWH
D\$8ole3
D\$<2.dlf
D\$@l
D\$HH
\\$ M
\\$LE2
D\$`H
D\$tH
D\$23
d\$3L
L\$LD
|\$03
d\$3H
|\$1E3
D\$`H
D\$tH
|\$03
tyD
|\$03
|\$1H
A_A^A]A_^[
\\$0H
t\$8H
|ls|l7ss
I*Ai
|l7ss
|ls|ls
|\$ f
|\$ fA
|l7ss
D\$8H

D\$(H
\\\$ A
"r?L
\\\$`H
t\$hH
... and 150 more

Malware Config

Indicators of Compromise (11)

URLs (3)

https://telegram.me/m1duus
https://www.pinterest.com/m1duus
https://steamcommunity.com/profiles/76561198657426610

Domains (8)

telegram.me
www.pinterest.com
steamcommunity.com
aware-cr1.com
assets.msn.com
www.bing.com
config.edge.skype.com
edge-consumer-static.azureedge.net

MITRE ATT&CK (15)

Technique	Name	Tactic	Source
T1497.001			detonation-evidence
T1071.001			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	
T1053.005	Scheduled Task/Job: Scheduled Ta	Persistence	behavioral_inference
T1547.001	Boot or Logon Autostart Executio	Persistence	behavioral_inference

Dynamic Detonation

Coverage: ran
Behavior: malicious-behavior
Threat score: 70/100 (high)

Factors: c2, attack_techniques

Network Connections (8)

Destination	Domain	Proto
10.0.2.3:80		tcp
10.0.2.3:443		tcp
224.0.0.252:5355		udp
10.0.2.3:53		udp
224.0.0.251:5353		udp
10.0.2.255:138		udp
255.255.255.255:67		udp
10.0.2.255:137		udp

TLS Handshake Failures (cert-pinning) (50)

assets.msn.com (tlsstate: deadline exceeded)
assets.msn.com (tlsstate: deadline exceeded)
assets.msn.com (tlsstate: deadline exceeded)
assets.msn.com (tlsstate: deadline exceeded)
edge.microsoft.com (remote error: tls: unknown certificate)
www.bing.com (remote error: tls: unknown certificate)
config.edge.skype.com (remote error: tls: unknown certificate)
assets.msn.com (tlsstate: deadline exceeded)
www.bing.com (remote error: tls: unknown certificate)
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)
api.edgeoffer.microsoft.com (remote error: tls: unknown certificate)
www.bing.com (remote error: tls: unknown certificate)
assets.msn.com (tlsstate: deadline exceeded)
config.edge.skype.com (remote error: tls: unknown certificate)

Behavioral Timeline (100)

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 10.0.2.255:137
5. [conn] pid 0: udp 224.0.0.252:5355
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. [conn] pid 0: tcp 10.0.2.3:80
10. [conn] pid 0: tcp 10.0.2.3:80
11. [conn] pid 0: udp 10.0.2.3:53
12. [dns] pid 0: DNS 1 aware-cr1.com -> 10.0.2.3
13. [conn] pid 0: tcp 10.0.2.3:443
14. [conn] pid 0: udp 10.0.2.3:53
15. [dns] pid 0: DNS 1 ctldl.windowsupdate.com -> 10.0.2.3
16. [conn] pid 0: tcp 10.0.2.3:80
17. [conn] pid 0: tcp 10.0.2.3:80
18. [conn] pid 0: udp 10.0.2.3:53

```
19. [dns] pid 0: DNS 1 assets.msn.com -> 10.0.2.3
20. [conn] pid 0: tcp 10.0.2.3:443
21. [conn] pid 0: tcp 10.0.2.3:443
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 (1)

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

Spawned Processes (50)

```
System
Registry
services.exe - C:\Windows\system32\services.exe
svchost.exe - C:\Windows\system32\svchost.exe -k DcomLaunch -p
smss.exe - \SystemRoot\System32\smss.exe
svchost.exe - C:\Windows\System32\svchost.exe -k LocalSystemNetworkRestricted -p -s NcbService
StartMenuExper - "C:\Windows\SystemApps\Microsoft.Windows.StartMenuExperienceHost_cw5n1h2txyewy\StartMenuExperienceHost.exe"
SearchApp.exe - "C:\Windows\SystemApps\Microsoft.Windows.Search_cw5n1h2txyewy\SearchApp.exe" -ServerName:CortanaUI.A
RuntimeBroker. - C:\Windows\System32\RuntimeBroker.exe -Embedding
svchost.exe - C:\Windows\system32\svchost.exe -k appmodel -p -s camsvc
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
msedge.exe - "C:\Program Files (x86)\Microsoft\Edge\Application\msedge.exe" --type=crashpad-handler "--user-data-dir=C:\Program Files (x86)\Microsoft\Edge\User Data\Default"
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=network
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=gpu-process --gpu-preferences=SA
msedge.exe - "C:\Program Files (x86)\Microsoft\Edge\Application\msedge.exe" --type=renderer --pdf-upsell-enabled --v
urlhaus_63eedb - svchost.exe
svchost.exe - C:\Windows\system32\svchost.exe -k netsvcs -p -s Appinfo
svchost.exe - C:\Windows\System32\svchost.exe -k netsvcs -p -s BDESVC
schtasks.exe - schtasks.exe /create /tn "SecurityHealthService" /xml "C:\Users\MATT~1.JOH\AppData\Local\Temp\~st0000
schtasks.exe - schtasks.exe /create /tn "WindowsSecurityHealth" /xml "C:\Users\MATT~1.JOH\AppData\Local\Temp\~st0000
svchost.exe - C:\Windows\system32\svchost.exe -k netsvcs -p -s UserManager
fontdrvhost.ex - "fontdrvhost.exe"
svchost.exe - C:\Windows\system32\svchost.exe -k netsvcs -p -s wlidsvc
svchost.exe - C:\Windows\system32\svchost.exe -k netsvcs -p -s Schedule
svchost.exe - C:\Windows\system32\svchost.exe -k LocalService -p -s EventSystem
svchost.exe - C:\Windows\system32\svchost.exe -k netsvcs -p -s ProfSvc
svchost.exe - C:\Windows\system32\svchost.exe -k netsvcs -p -s SENS
```

...and 20 more

Report ID: GVTeyTvX6WtYJXi2LvOxtTK-KcSPLyn0TYW1db_tJC4

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